LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.478	3	7	17	rVB4	162201	396836	0.66%	0.041%
2	3.596	23	27	39	rVB	81714	160070	0.27%	0.017%
3	3.902	72	79	83	rBV3	102488	210618	0.35%	0.022%
4	3.984	83	93	102	rBV	610969	1728417	2.87%	0.179%
5	4.225	130	134	136	rBV2	155771	237075	0.39%	0.025%
6	4.308	144	148	158	rVB3	206867	425789	0.71%	0.044%
7	4.419	162	167	175	rBV	834514	1626667	2.70%	0.168%
8	4.572	190	193	196	rBV	156193	252235	0.42%	0.026%
9	4.631	200	203	208	rBV	219796	427237	0.71%	0.044%
10	4.708	210	216	222	rBV	2366278	4777477	7.92%	0.494%
11	4.778	223	228	238	rVV2	2439285	5543254	9.19%	0.573%
12	4.984	259	263	273	rVB4	146363	364465	0.60%	0.038%
13	5.108	280	284	294	rVB2	87682	175483	0.29%	0.018%
14	5.219	294	303	309	rBV	252262	458988	0.76%	0.047%
15	5.290	309	315	319	rBV	1219960	2775131	4.60%	0.287%
16	5.449	331	342	369	rVB	7495777	31704980	52.57%	3.277%
17	5.666	374	379	385	rBV	852919	1469455	2.44%	0.152%
18	5.760	390	395	397	rBV2	1307567	2023745	3.36%	0.209%
19	5.790	397	400	403	rVB	775196	918116	1.52%	0.095%
20	5.837	403	408	415	rBV	1964925	3996878	6.63%	0.413%
21	5.908	415	420	427	rVB3	2743224	5576207	9.25%	0.576%
22	5.978	427	432	442	rVB	1996848	4793263	7.95%	0.495%
23	6.055	442	445	450	rVB2	212927	311198	0.52%	0.032%
24	6.131	450	458	465	rBV2	912058	2426874	4.02%	0.251%
25	6.225	465	474	477	rBV3	3123595	7242897	12.01%	0.749%
26	6.366	492	498	521	rVB3	9383309	25716816	42.64%	2.658%
27	6.531	521	526	536	rVB3	268702	720648	1.19%	0.074%
28	6.631	536	543	551	rBV5	2442811	7120398	11.81%	0.736%
29	6.749	556	563	571	rVB	2094642	4976078	8.25%	0.514%
30	6.913	572	591	604	rBV4	8698096	55875597	92.64%	5.776%
31	7.019	605	609	623	rVV4	4033469	13675058	22.67%	1.414%
32	7.131	623	628	635	rVB2	3407852	6753227	11.20%	0.698%
33	7.207	635	641	645	rBV4	1256929	2476142	4.11%	0.256%
34	7.278	645	653	659	rBV2	2259736	6109900	10.13%	0.632%

LSC Area Percent Report

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Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

35	7.378	665	670	675	rVB2	5827251	11734140	19.46%	1.213%
36	7.437	675	680	684	rBV	5104743	9197512	15.25%	0.951%
37	7.496	684	690	694	rBV	6424954	12634030	20.95%	1.306%
38	7.555	694	700	708	rVB	9445022	23449174	38.88%	2.424%
39	7.637	708	714	716	rBV	5713489	10671273	17.69%	1.103%
40	7.731	726	730	734	rBV5	1132187	2114853	3.51%	0.219%
41	7.807	735	743	746	rBV	8139970	21006201	34.83%	2.171%
42	8.060	775	786	788	rBV	9496982	27948618	46.34%	2.889%
43	8.331	822	832	837	rBV6	3564738	11441387	18.97%	1.183%
44	8.390	837	842	849	rVB	6294466	13538967	22.45%	1.399%
45	8.560	850	871	875	rBV3	10679843	60312112	100.00%	6.234%
46	8.966	927	940	941	rBV5	10007015	30817767	51.10%	3.186%
47	9.025	946	950	957	rVB2	7845451	18485788	30.65%	1.911%
48	9.107	957	964	975	rBV5	10730092	34521133	57.24%	3.568%
49	9.207	975	981	986	rBV2	5310242	11428939	18.95%	1.181%
50	9.272	987	992	1002	rVB3	5030727	14590537	24.19%	1.508%
51	9.419	1011	1017	1020	rBV	5583706	12043442	19.97%	1.245%
52	9.566	1037	1042	1048	rVB3	4802962	9100926	15.09%	0.941%
53	9.825	1072	1086	1091	rBV8	4308101	17905754	29.69%	1.851%
54	9.907	1092	1100	1105	rBV3	7381368	19637927	32.56%	2.030%
55	10.001	1112	1116	1123	rVB5	3716529	7652482	12.69%	0.791%
56	10.090	1124	1131	1138	rBV4	5907853	15176791	25.16%	1.569%
57	10.160	1138	1143	1147	rBV2	4976727	9992208	16.57%	1.033%
58	10.672	1220	1230	1236	rBV8	4757272	16621838	27.56%	1.718%
59	10.731	1236	1240	1243	rBV2	2469556	3799812	6.30%	0.393%
60	10.813	1250	1254	1256	rBV3	1788006	2842584	4.71%	0.294%
61	11.401	1349	1354	1361	rVB4	7704557	17357280	28.78%	1.794%
62	11.466	1361	1365	1377	rVB10	5254349	15284162	25.34%	1.580%
63	11.584	1378	1385	1389	rBV3	6591011	16018076	26.56%	1.656%
64	11.660	1389	1398	1402	rBV2	7020217	17679721	29.31%	1.828%
65	11.778	1413	1418	1423	rVB3	3798264	7610273	12.62%	0.787%
66	11.872	1430	1434	1439	rBV4	2659586	5811634	9.64%	0.601%
67	12.154	1475	1482	1489	rBV9	3731537	11927448	19.78%	1.233%
68	12.354	1511	1516	1529	rVB	9410538	21398897	35.48%	2.212%
69	12.507	1536	1542	1550	rVB3	7890533	18154900	30.10%	1.877%
70	12.654	1560	1567	1570	rBV2	5417424	13417600	22.25%	1.387%
71	12.778	1584	1588	1590	rBV2	3508355	5476472	9.08%	0.566%

LSC Area Percent Report

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Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

72	12.890	1603	1607	1610	rBV2	2884101	4725635	7.84%	0.488%
73	12.931	1610	1614	1620	rVB	6921823	13150872	21.80%	1.359%
74	13.254	1665	1669	1676	rBV6	2857076	8272264	13.72%	0.855%
75	15.195	1993	1999	2004	rVB	7536083	15292953	25.36%	1.581%
76	17.478	2376	2387	2388	rBV2	8975873	27292352	45.25%	2.821%
77	17.889	2453	2457	2461	rBV4	3830775	6162982	10.22%	0.637%
78	18.901	2625	2629	2633	rVB2	4947776	7529020	12.48%	0.778%
79	19.513	2729	2733	2736	rBV	4497147	7564146	12.54%	0.782%
80	19.542	2736	2738	2751	rVB6	5556723	9462568	15.69%	0.978%
81	19.660	2756	2758	2763	rVB4	3580008	4606827	7.64%	0.476%
82	20.077	2825	2829	2834	rVB	4485110	6492723	10.77%	0.671%
83	20.601	2914	2918	2922	rBV2	4074554	5602935	9.29%	0.579%
84	20.648	2923	2926	2929	rVV	1969197	2206692	3.66%	0.228%
85	21.089	2997	3001	3004	rVB	4019037	5058398	8.39%	0.523%
86	21.554	3075	3080	3086	rVB2	7906334	12725442	21.10%	1.315%
87	21.754	3112	3114	3119	rVB	2027035	2129616	3.53%	0.220%
88	21.995	3152	3155	3162	rVB	4894220	7371962	12.22%	0.762%
89	22.377	3216	3220	3226	rBV	5039073	7712773	12.79%	0.797%
90	22.471	3231	3236	3242	rVB2	7004719	12417576	20.59%	1.284%
91	22.977	3317	3322	3325	rBV	3412142	5716029	9.48%	0.591%
92	23.483	3405	3408	3413	rVB	1297882	1885261	3.13%	0.195%
93	23.536	3413	3417	3431	rVB2	2683838	5916941	9.81%	0.612%
94	24.171	3521	3525	3529	rBV	1574887	2548047	4.22%	0.263%
95	24.230	3531	3535	3542	rVB2	1834569	3322258	5.51%	0.343%

Sum of corrected areas: 967416149

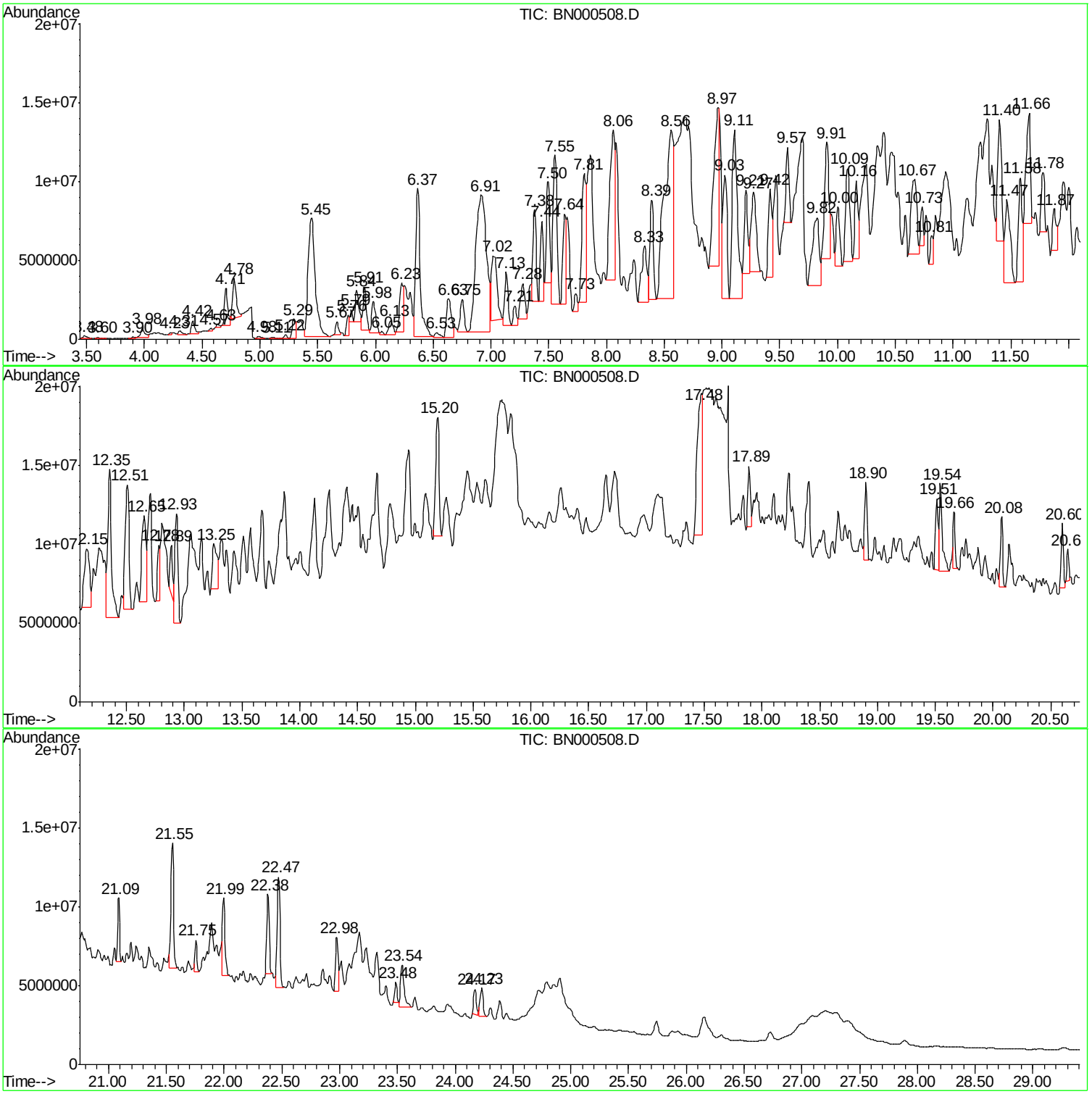
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

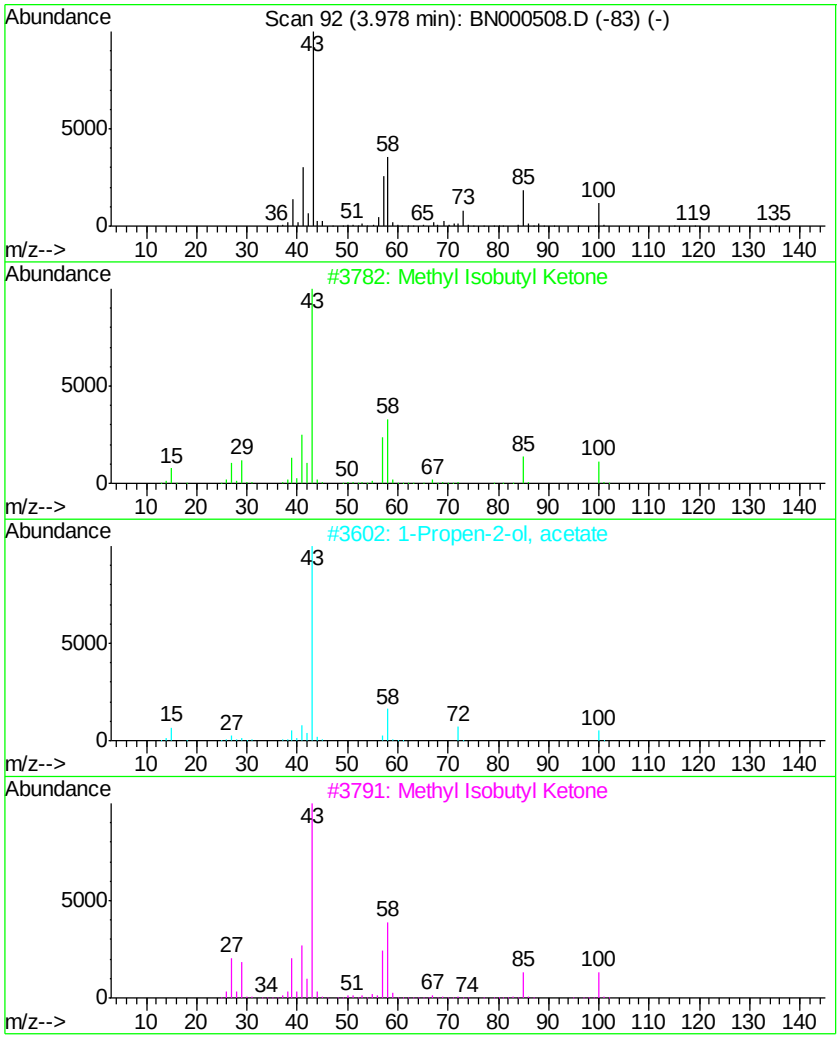
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

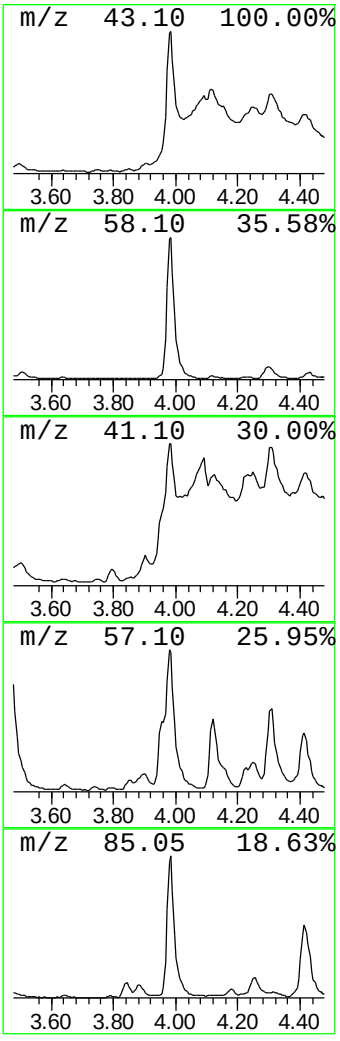
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	2.55 ng/ul	1728420	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	50
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	50
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	47
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	42





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

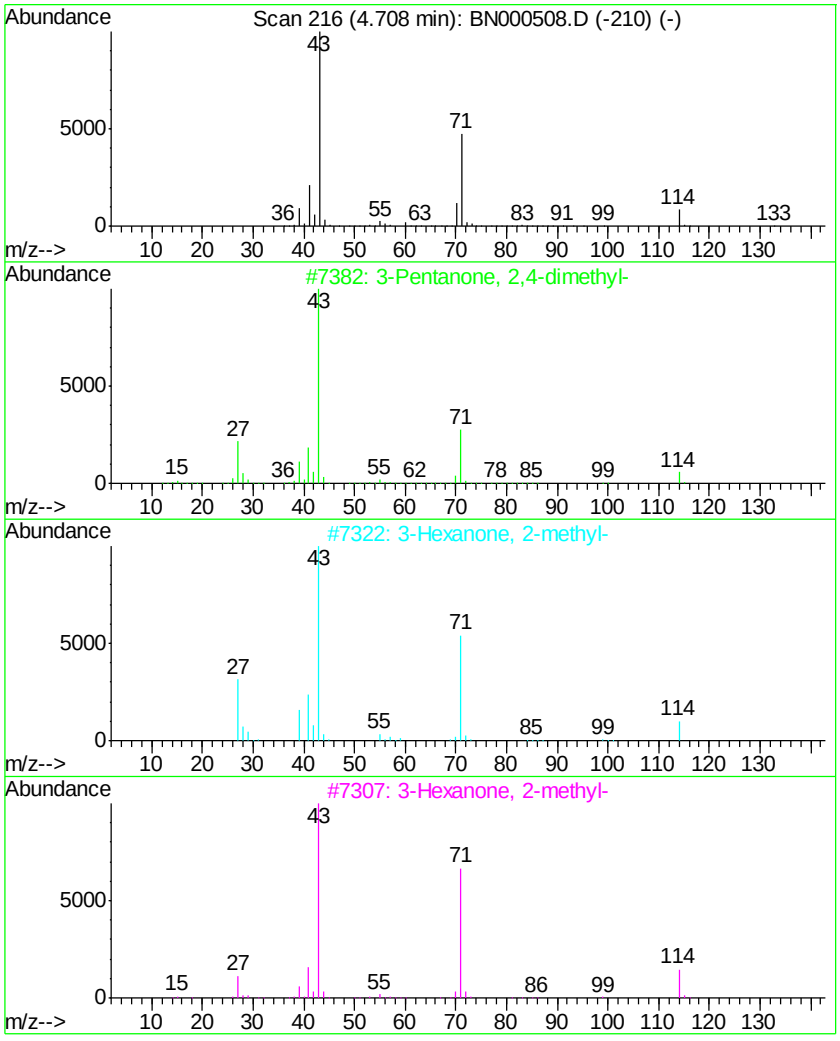
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

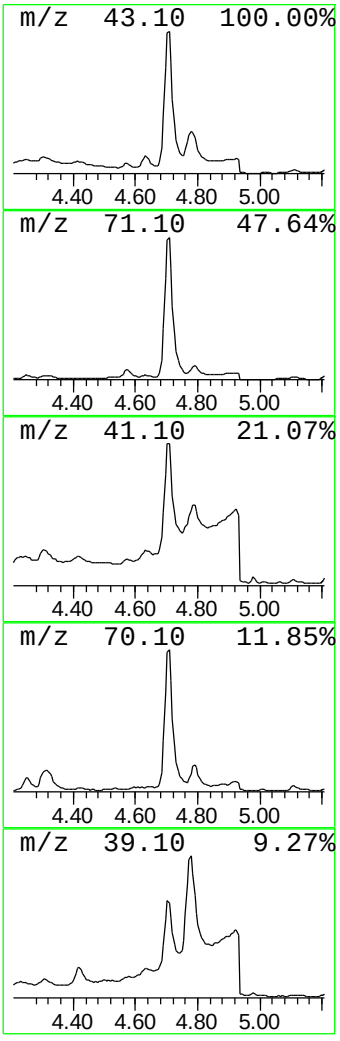
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Pentanone, 2,4-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	7.06 ng/ul	4777480	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	72
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	64
4	4-Heptanone	114	C7H14O	000123-19-3	50
5	4-Heptanone	114	C7H14O	000123-19-3	50





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

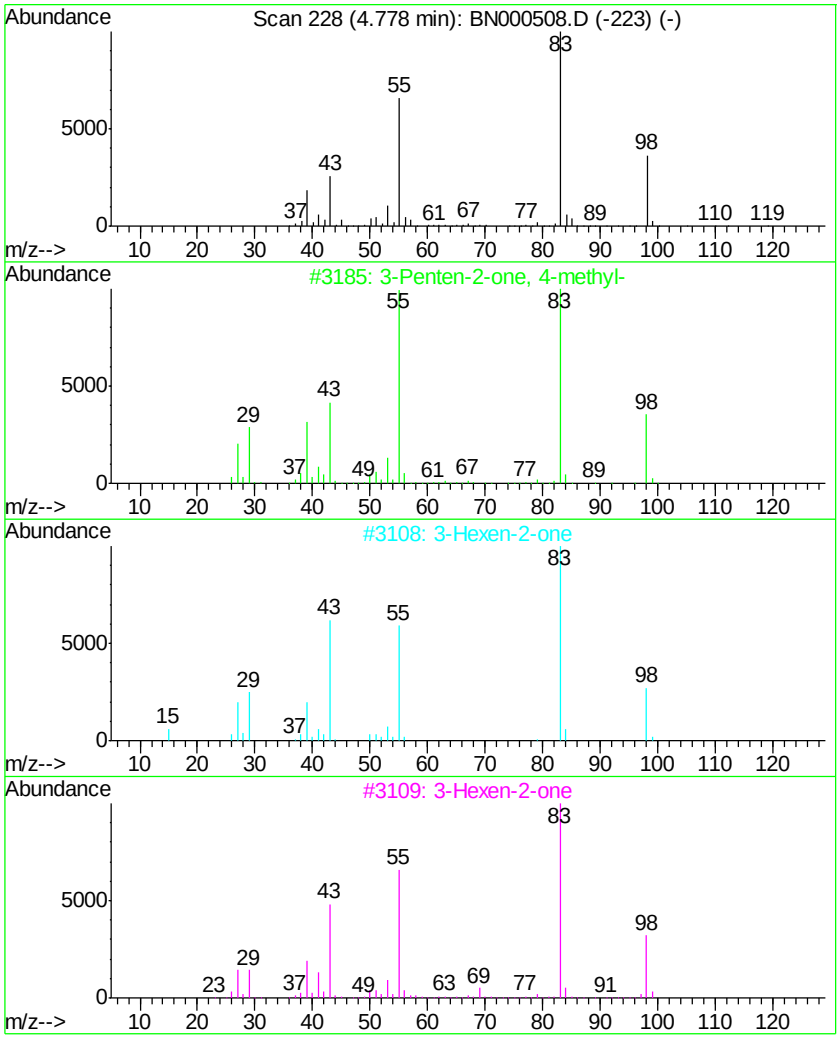
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

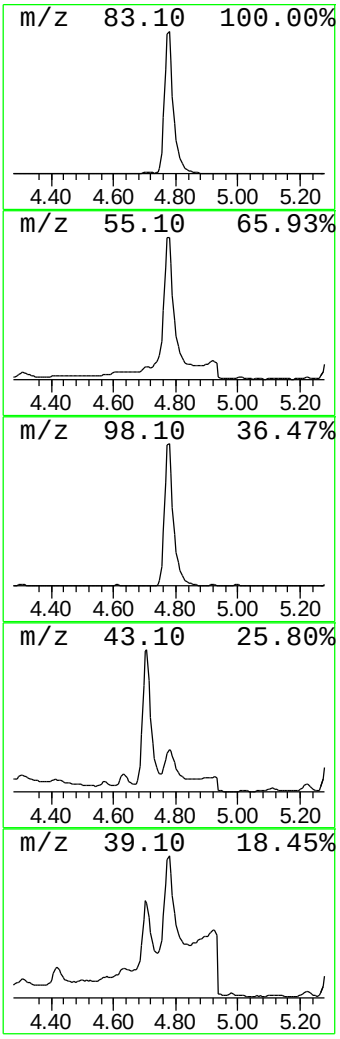
****

Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	8.19 ng/ul	5543250	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	90
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86
5	3-Hexen-2-one	98	C6H10O	000763-93-9	86





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Data File : BN000508.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

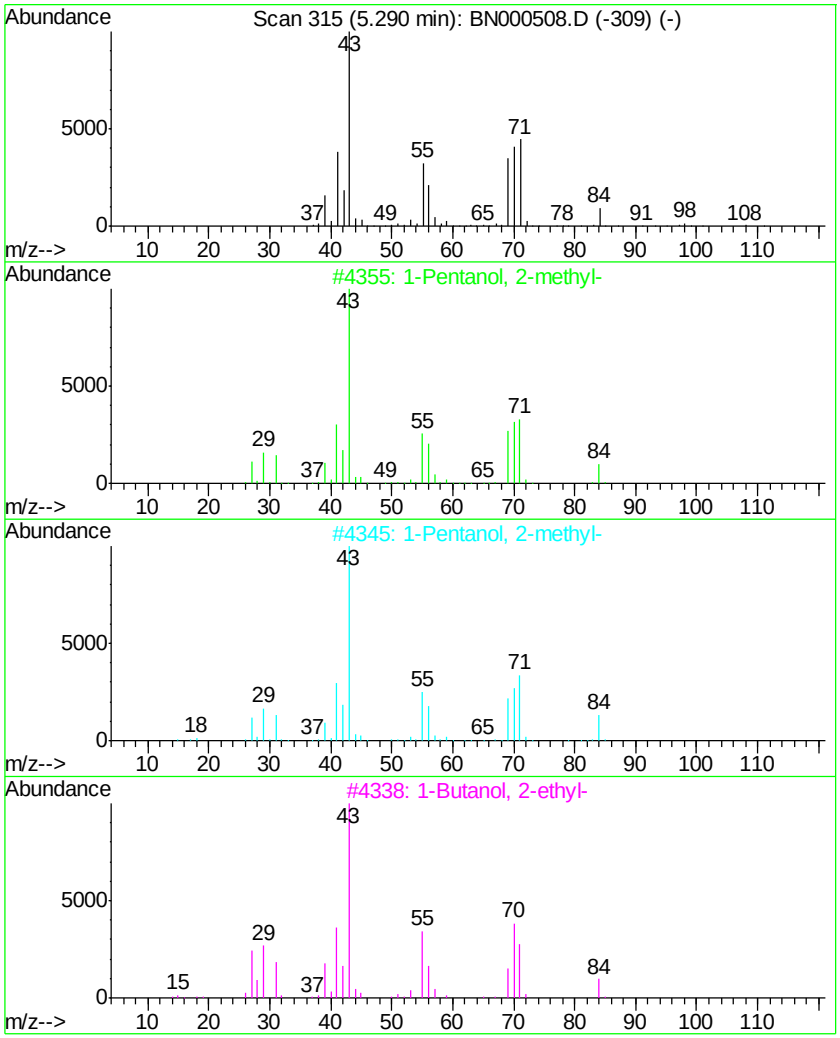
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

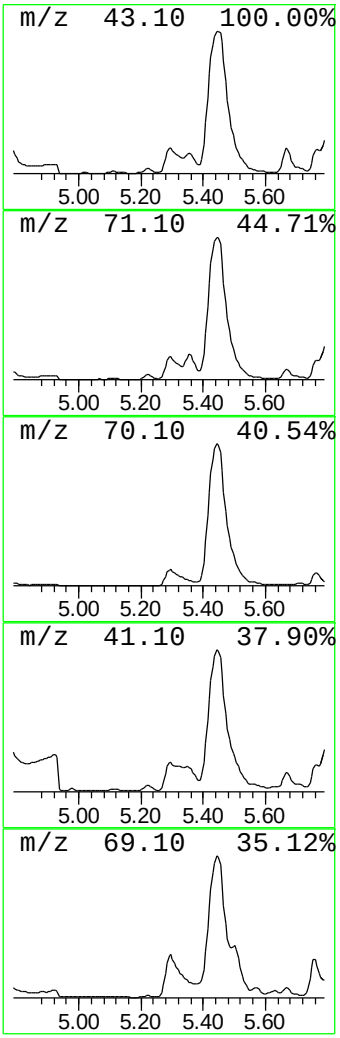
****

Peak Number 5 1-Pentanol, 2-methyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	4.10 ng/ul	2775130	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	90
2	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	90
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	64
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	50
5	Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	45





Library Search Compound Report

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Acq On : 21 Mar 2018 00:11
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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

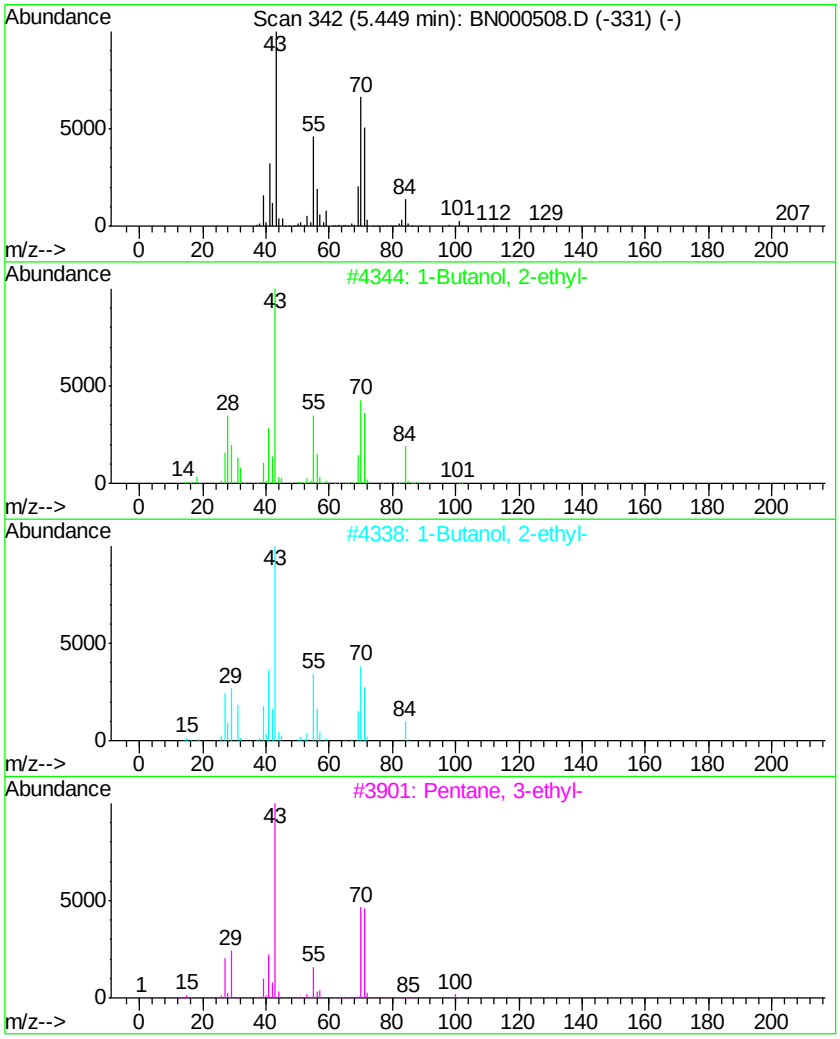
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

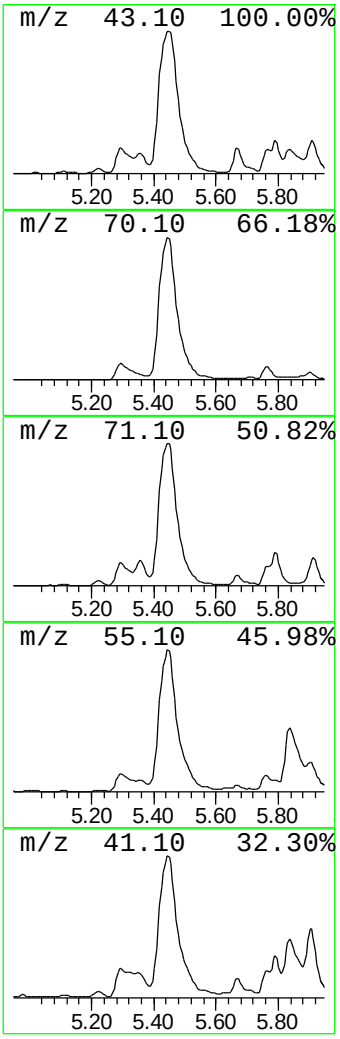
****

Peak Number 6 1-Butanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	46.84 ng/ul	31705000	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	90
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
4	1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	56
5	Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	53





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Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

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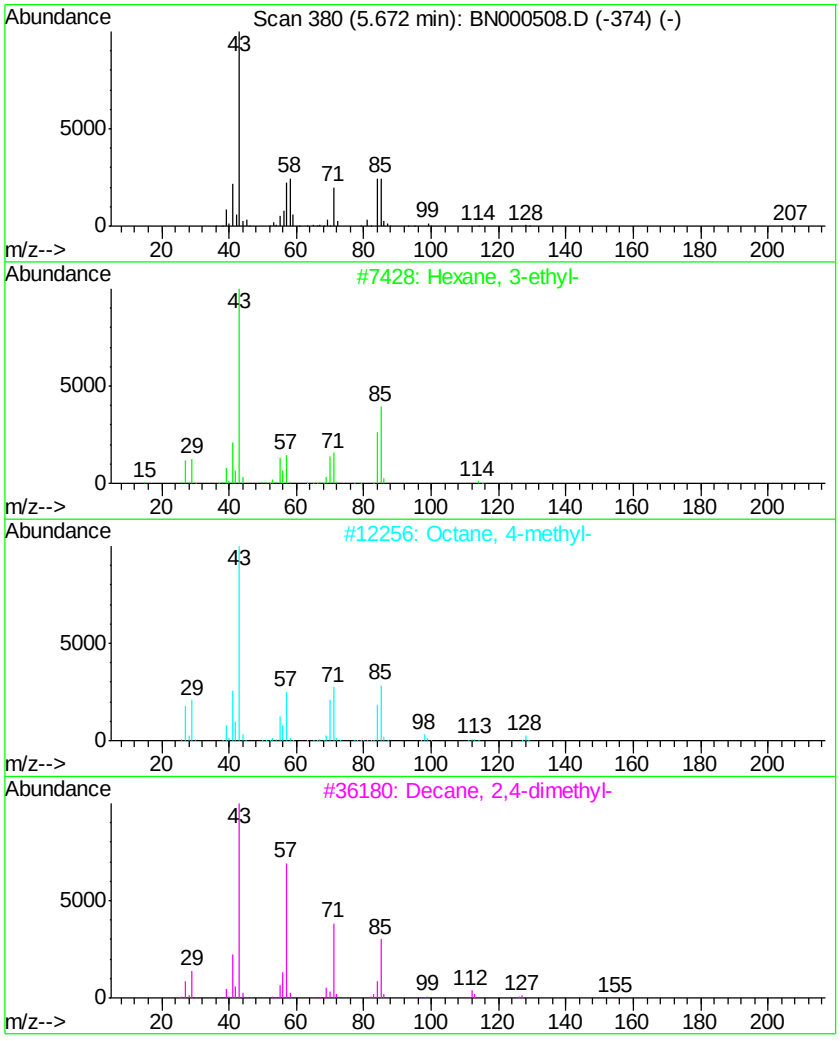
Quant Title : SVOA CALIBRATION

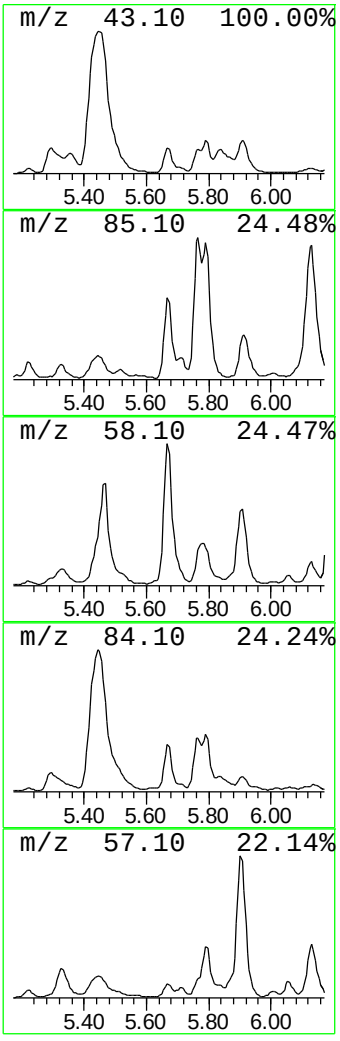
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	2.17 ng/ul	1469460	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
2	Octane, 4-methyl-	128	C9H20	002216-34-4	43
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	43
4	2-Nonanone	142	C9H18O	000821-55-6	43
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	42





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

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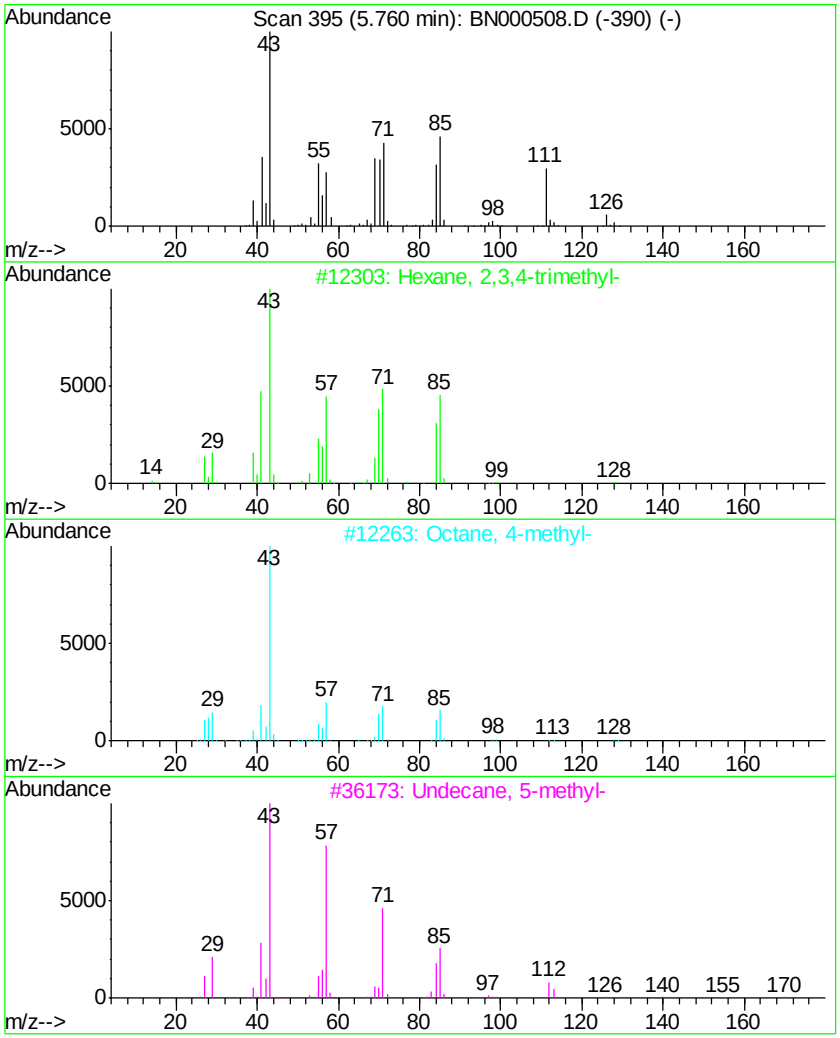
Quant Title : SVOA CALIBRATION

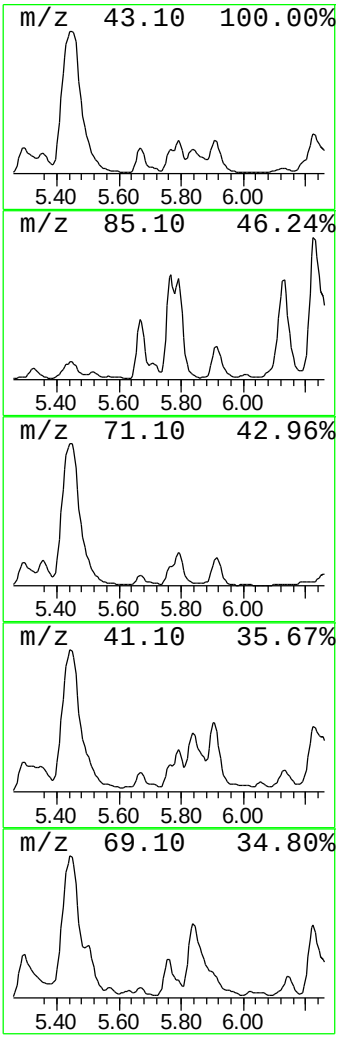
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.99 ng/ul	2023750	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	74
2	Octane, 4-methyl-	128	C9H20	002216-34-4	72
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
4	Dodecane, 5-methyl-	184	C13H28	017453-93-9	53
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

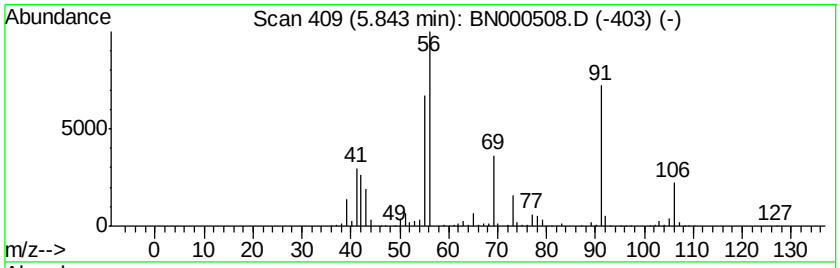
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

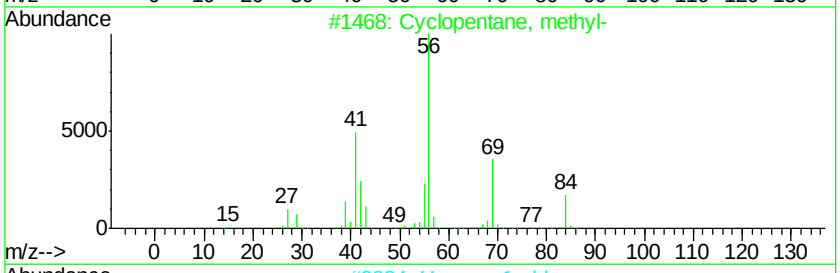
****

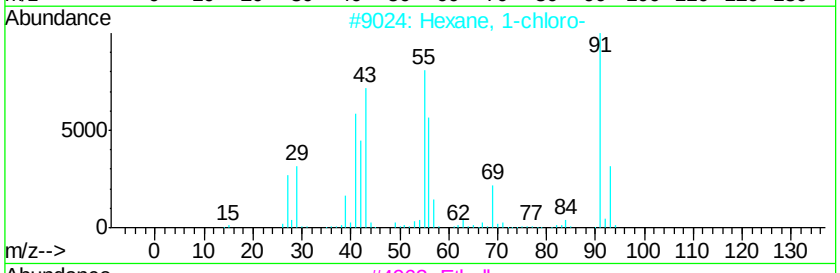
Peak Number 9 (DEL) Alkane: Cyclic5.84 Concentration Rank 61

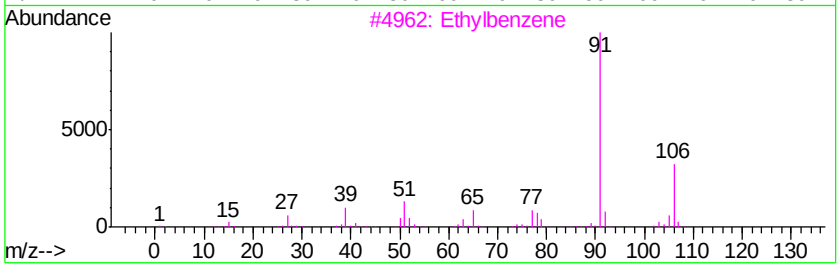
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	5.90 ng/ul	3996880	1,4-Dichlorobenzene-d4	8.44

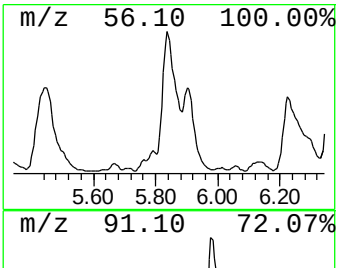
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	33
2	Hexane, 1-chloro-	120	C6H13Cl	000544-10-5	27
3	Ethylbenzene	106	C8H10	000100-41-4	25
4	Ethylbenzene	106	C8H10	000100-41-4	25
5	Ethylbenzene	106	C8H10	000100-41-4	25

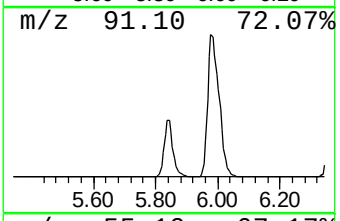


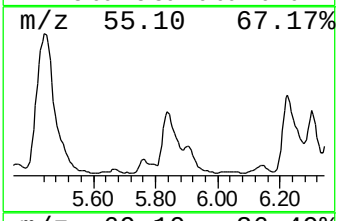


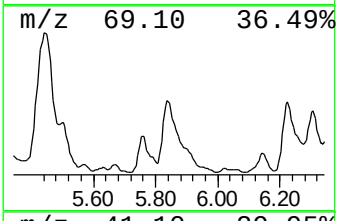


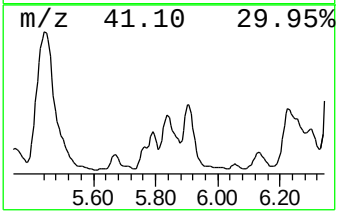












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Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

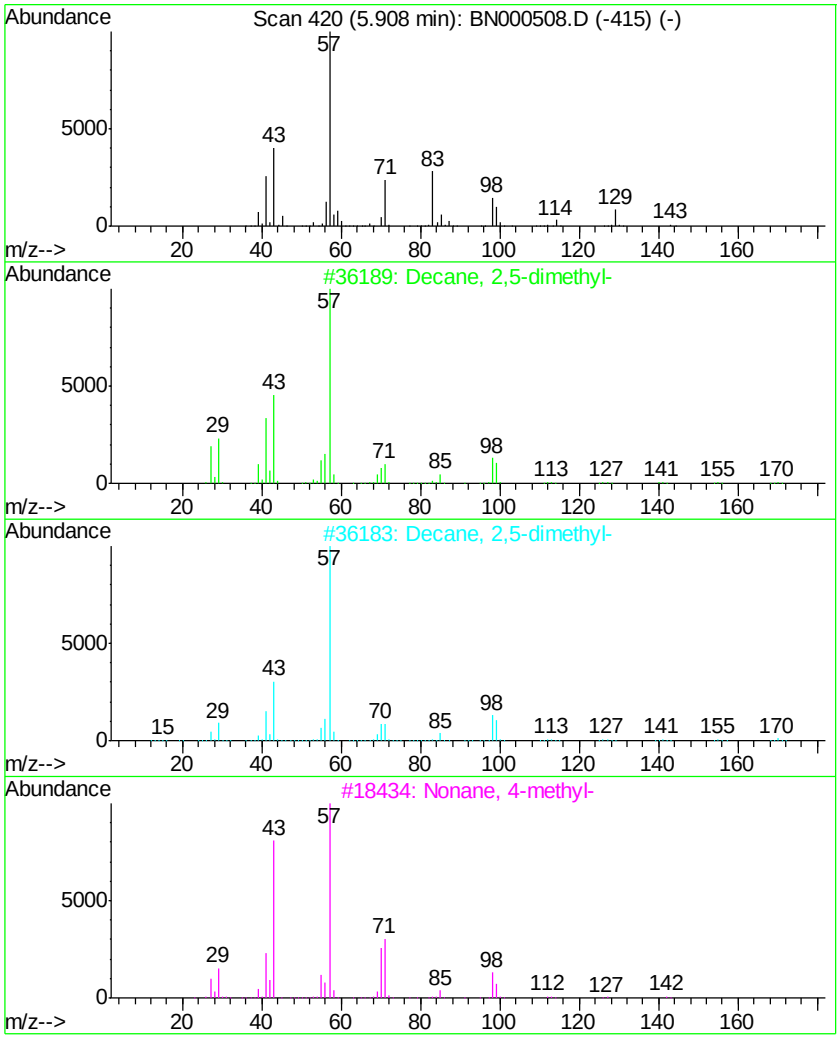
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

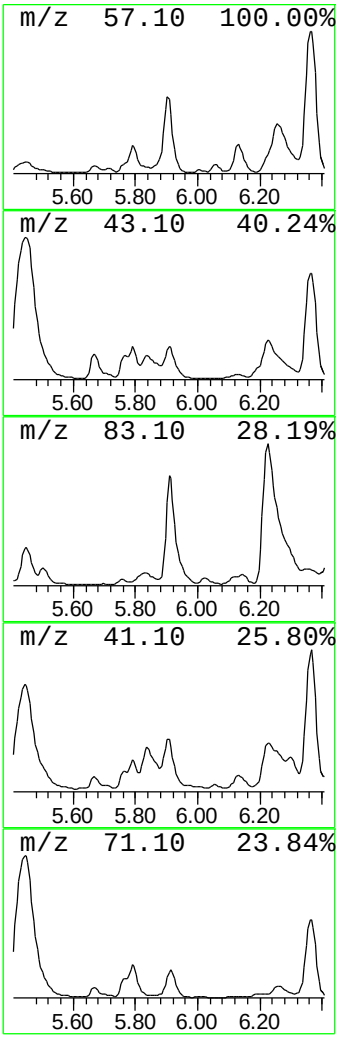
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	8.24 ng/ul	5576210	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47
2	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	43
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	42
4	Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	40
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38





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Sample : J1905-12
Misc :
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Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

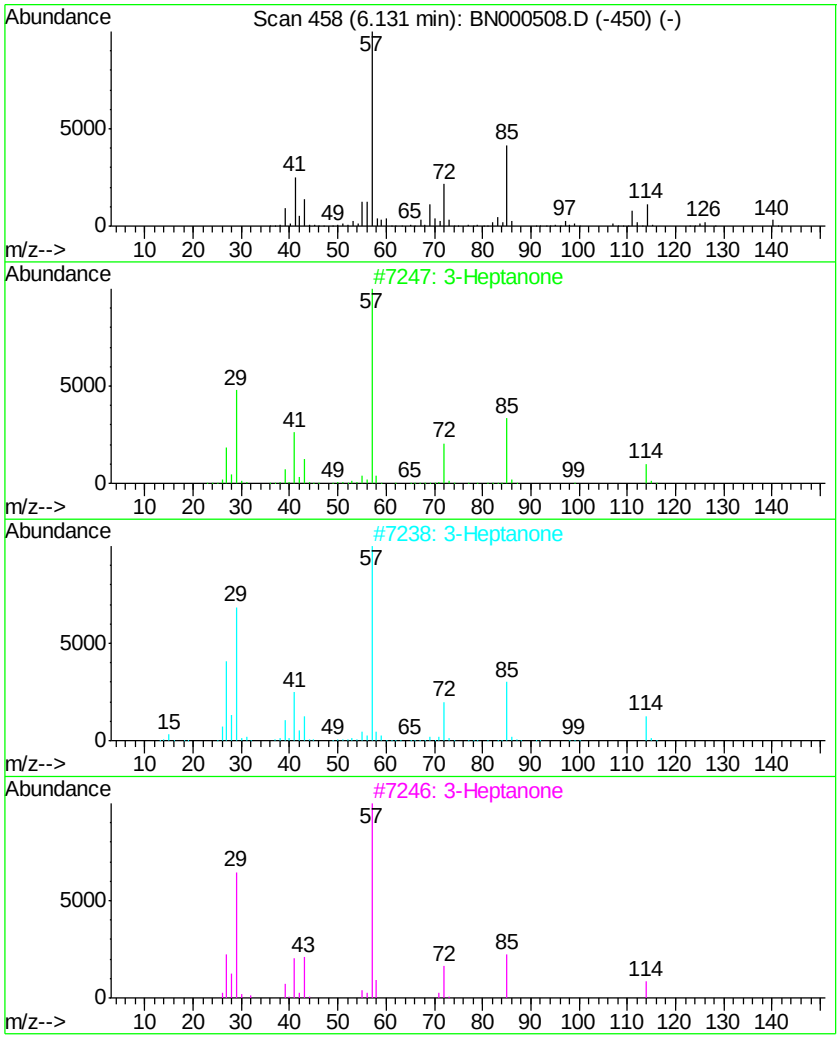
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

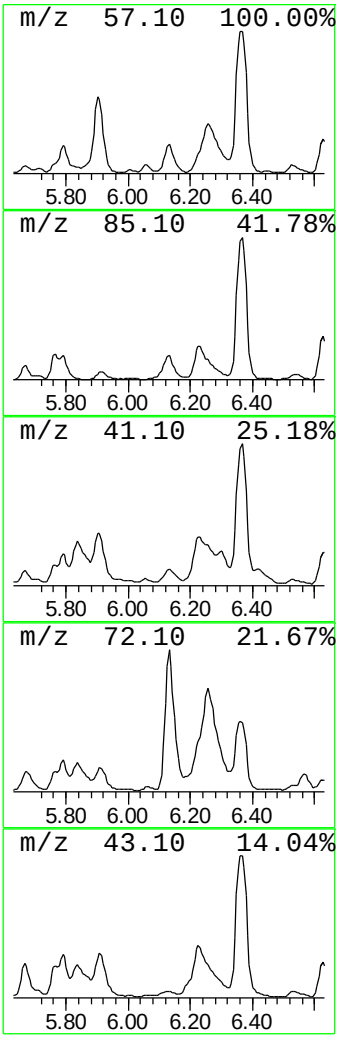
****

Peak Number 12 3-Heptanone Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	3.59 ng/ul	2426870	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	58
2	3-Heptanone	114	C7H14O	000106-35-4	46
3	3-Heptanone	114	C7H14O	000106-35-4	43
4	3-Heptanone	114	C7H14O	000106-35-4	43
5	3-Heptanone	114	C7H14O	000106-35-4	43





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Sample : J1905-12
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Quant Title : SVOA CALIBRATION

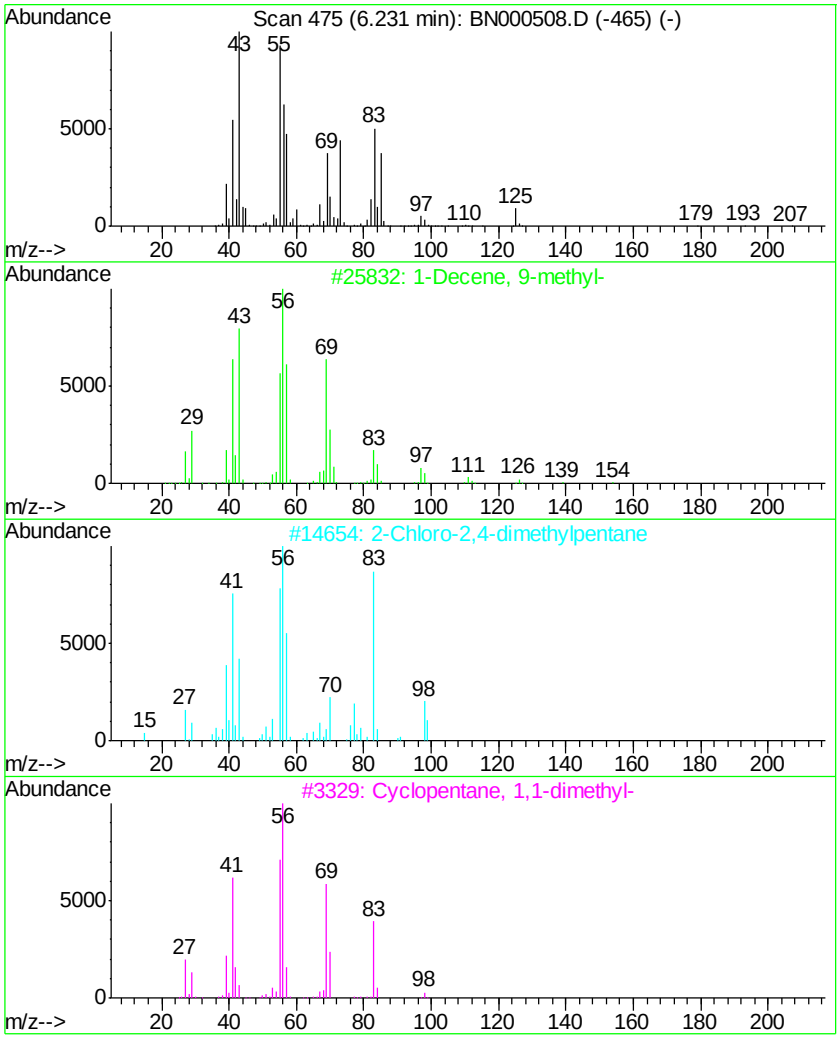
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

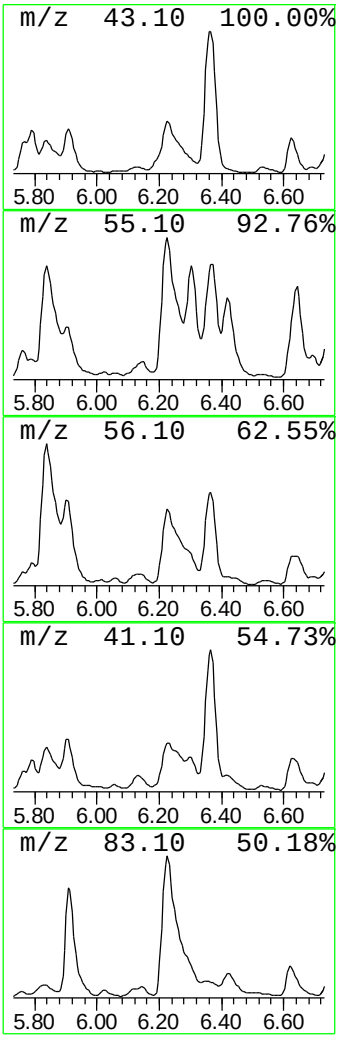
****

Peak Number 13 (DEL) Alkane: Cyclic6.23 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	10.70 ng/ul	7242900	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 9-methyl-	154	C11H22	061142-78-7	35
2	2-Chloro-2,4-dimethylpentane	134	C7H15Cl	035951-33-8	35
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	35
4	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	27
5	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	27





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

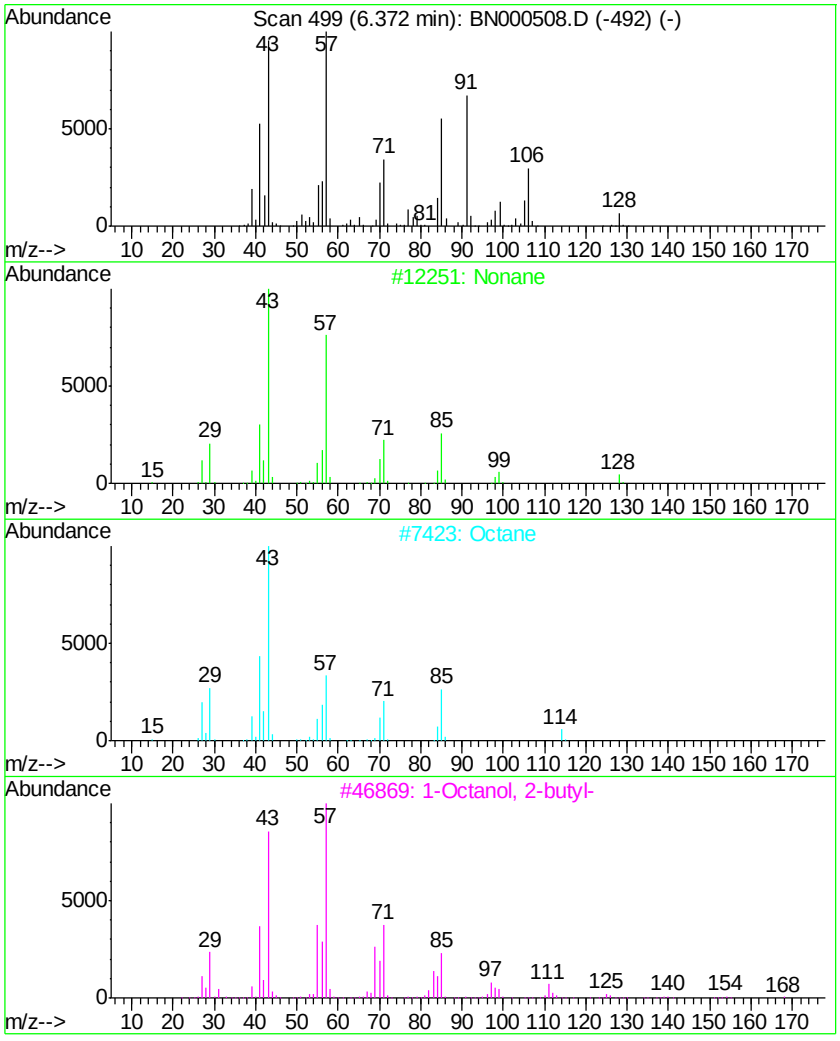
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

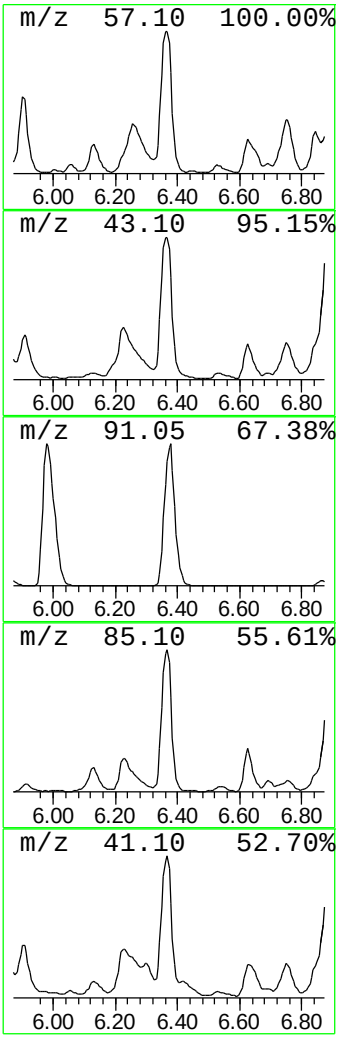
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	37.99 ng/ul	25716800	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	64
2	Octane	114	C8H18	000111-65-9	52
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
4	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	50
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47





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Instrument : BNA_N
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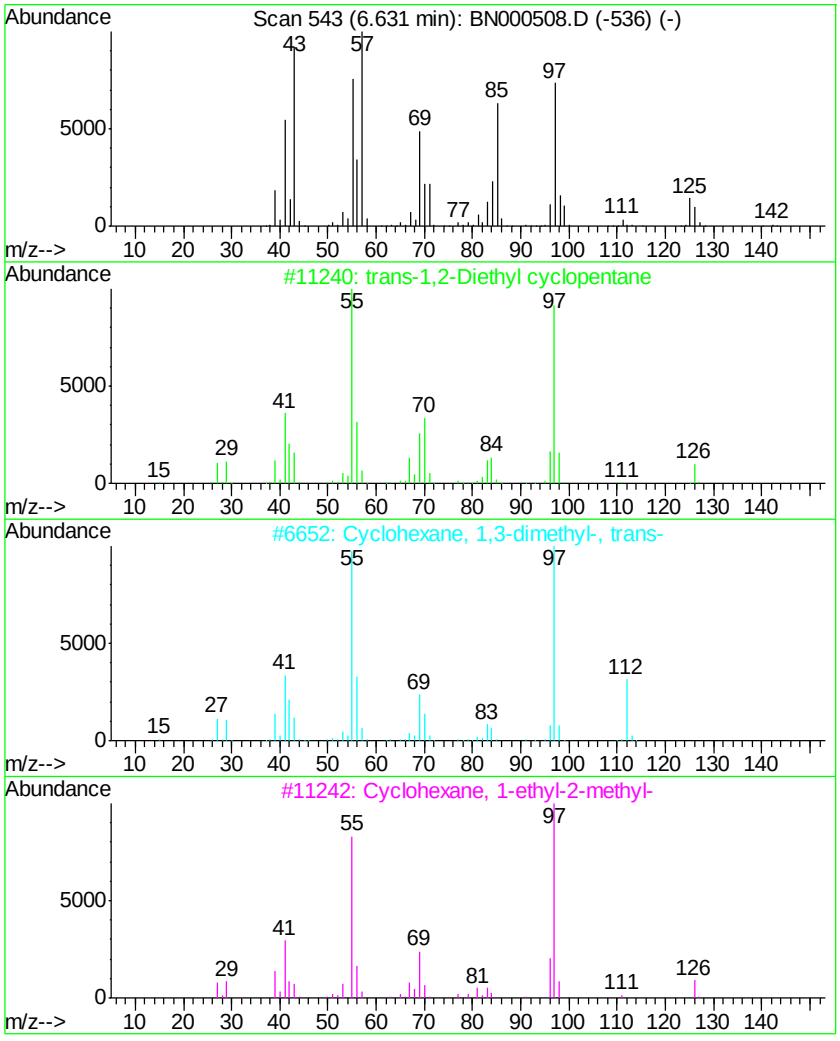
Quant Title : SVOA CALIBRATION

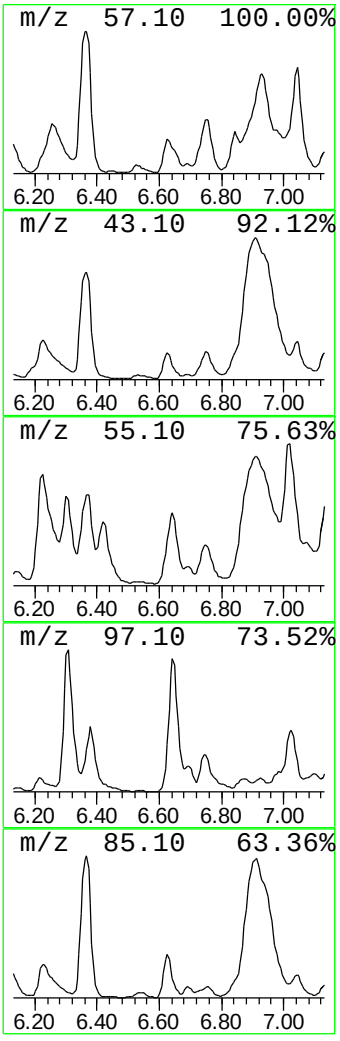
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic6.63 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	10.52 ng/ul	7120400	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	49
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	38





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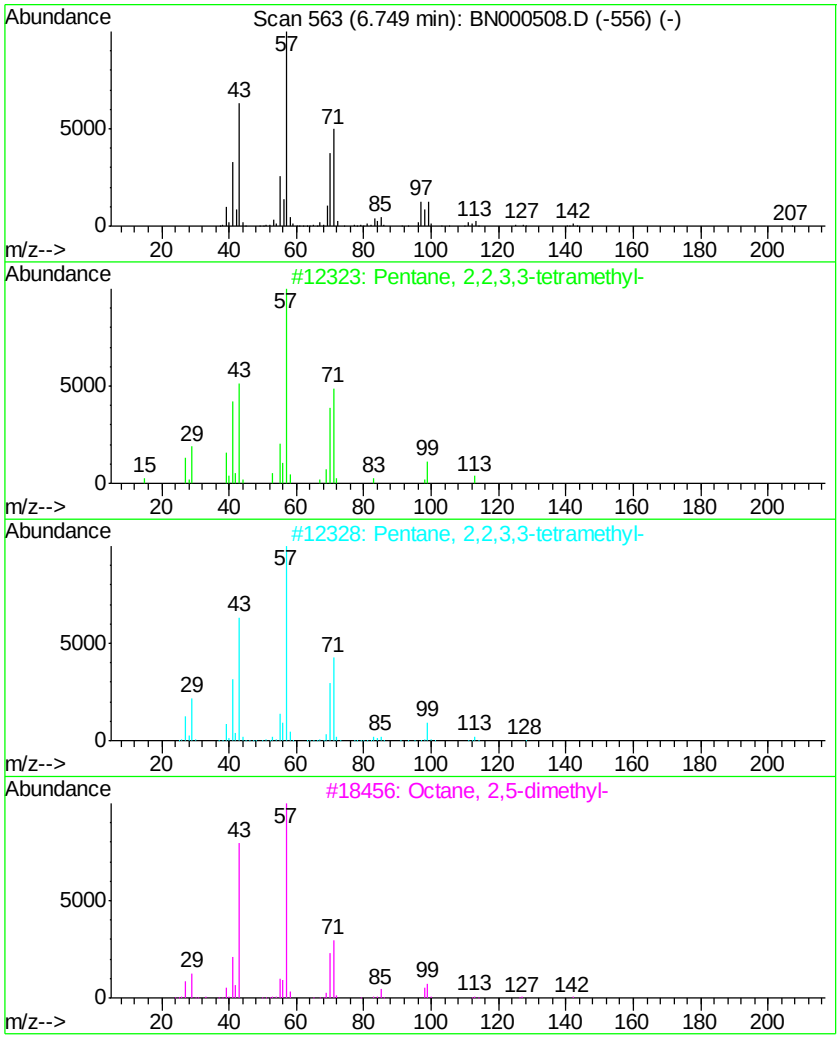
Quant Title : SVOA CALIBRATION

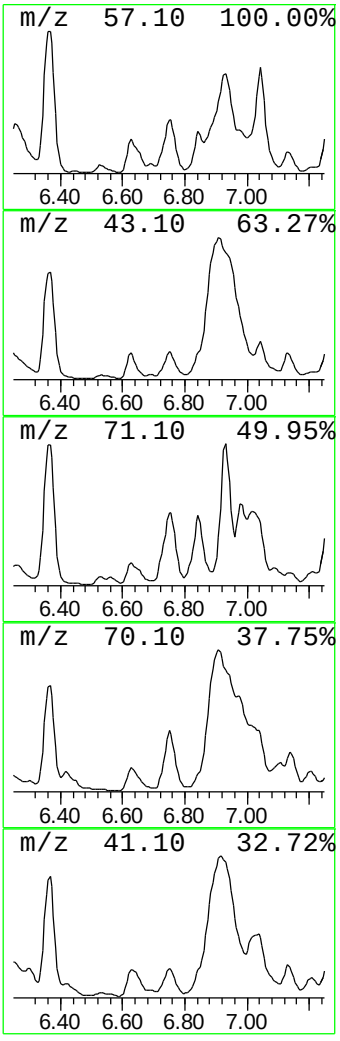
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	7.35 ng/ul	4976080	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	58
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52





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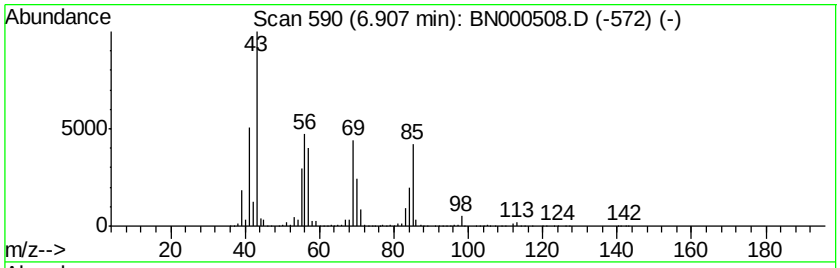
Quant Title : SVOA CALIBRATION

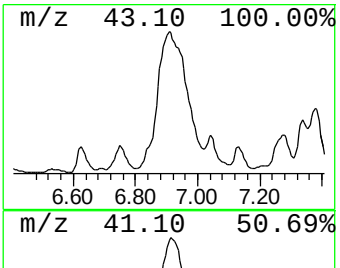
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	82.54 ng/ul	55875600	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	53
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	47





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Quant Title : SVOA CALIBRATION

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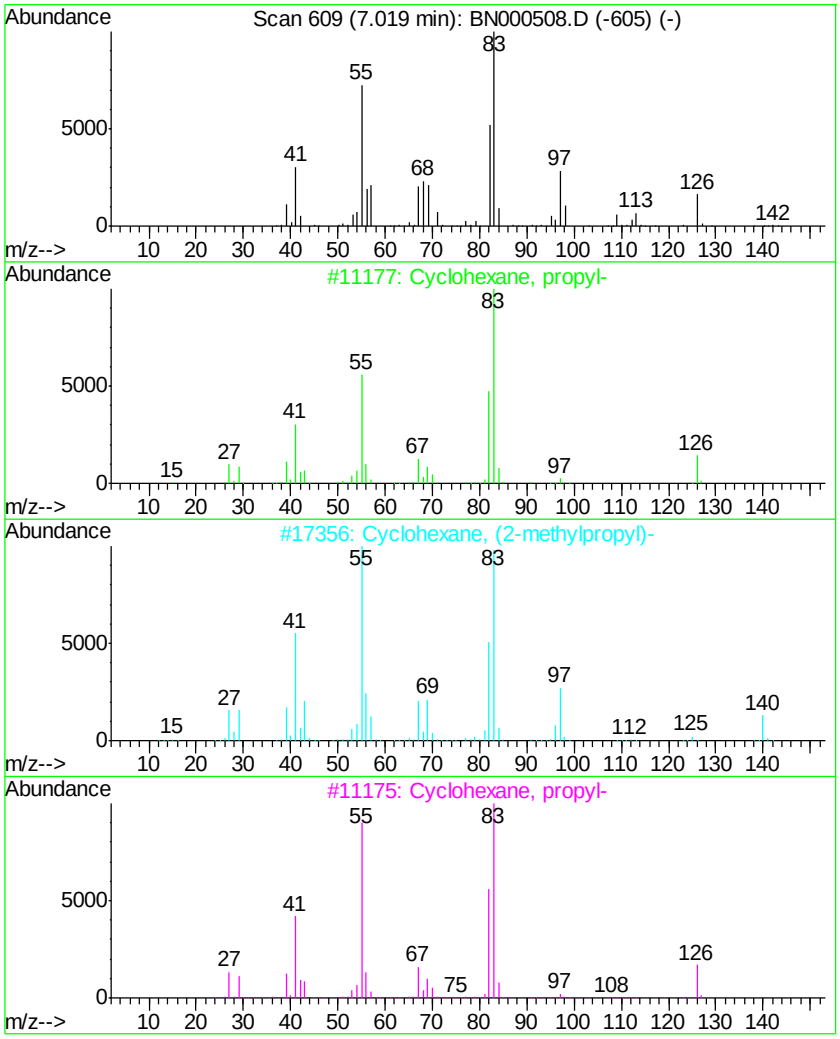
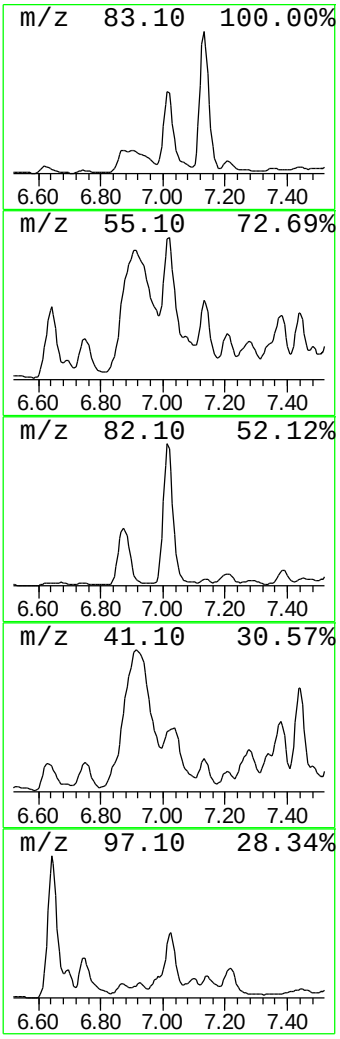
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic7.02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	20.20 ng/ul	13675100	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	53





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Operator : JU/SJ
Sample : J1905-12
Misc :
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Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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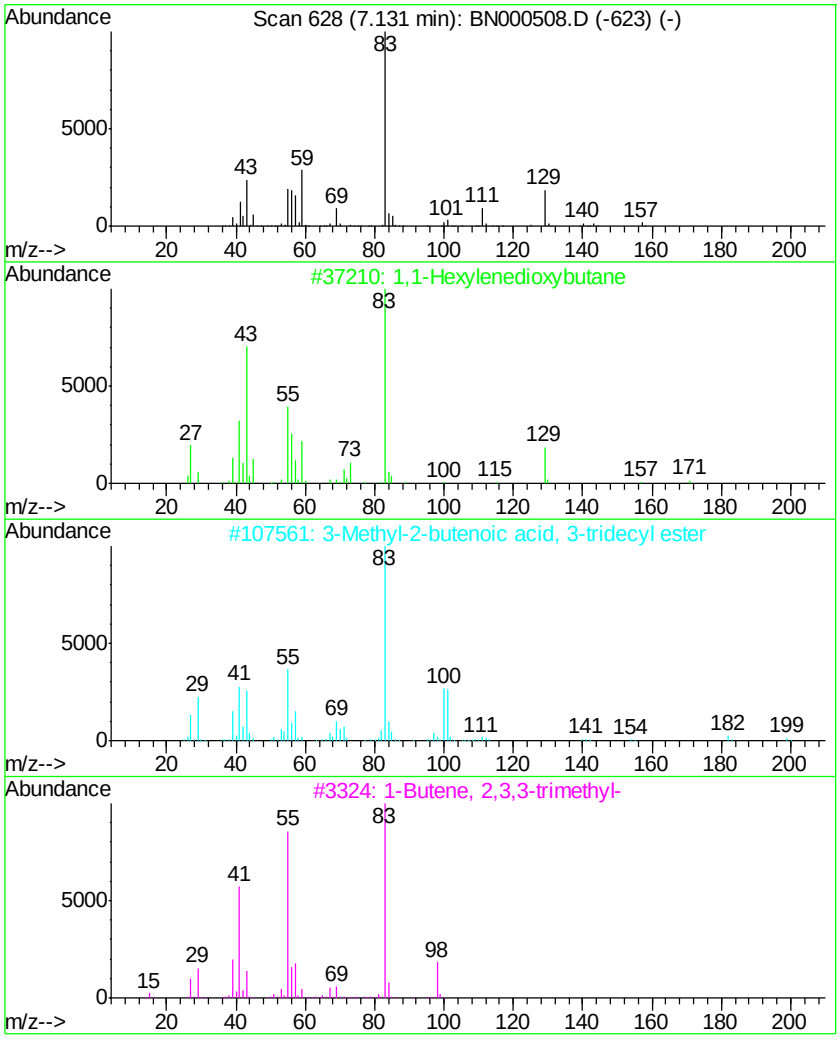
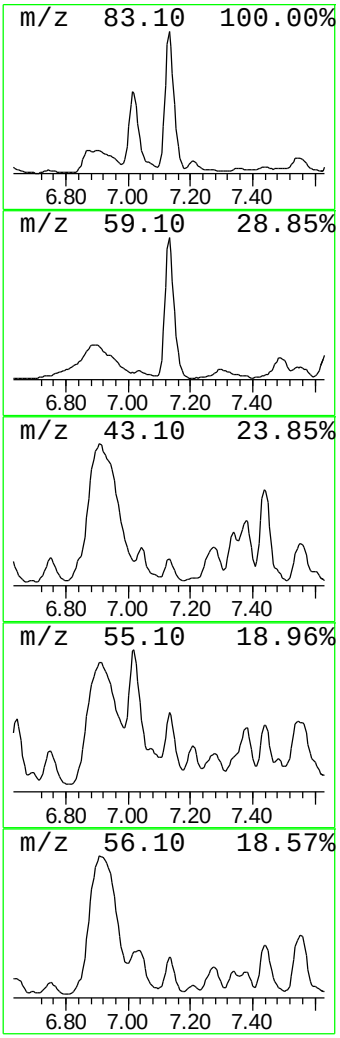
Peak Number 19 1,1-Hexylenedioxybutane Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	9.98 ng/ul	6753230	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	59
2	3-Methyl-2-butenoic acid, 3-trid...	282	C18H34O2	1000279-25-3	36
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	36
4	2-Pentene, 5-bromo-2,3-dimethyl-	176	C7H13Br	056312-52-8	36
5	3-Methyl-2-butenoic acid, 4-trid...	282	C18H34O2	1000279-25-4	36





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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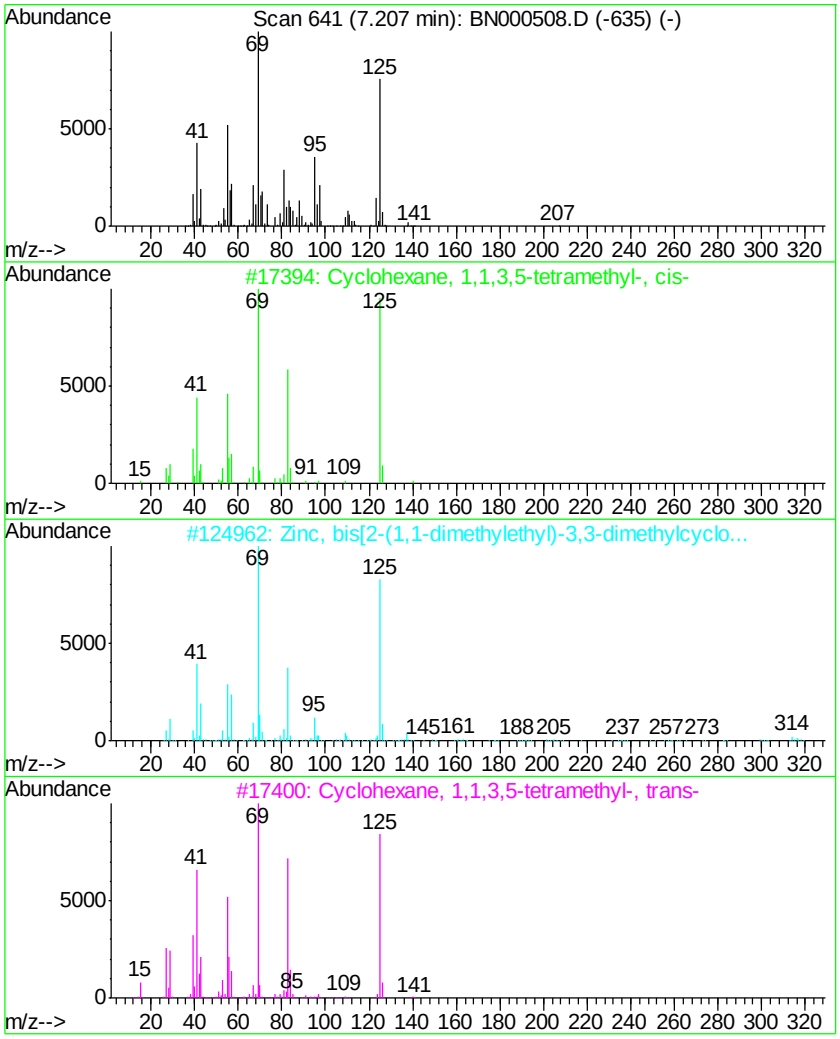
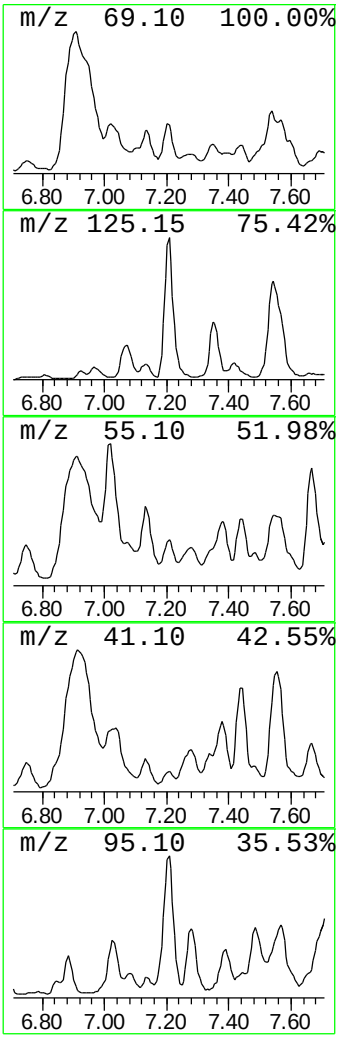
Peak Number 20 (DEL) Alkane: Cyclic7.21 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	3.66 ng/ul	2476140	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
2	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
4	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	40
5	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	40





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ClientSampleId : DAM47

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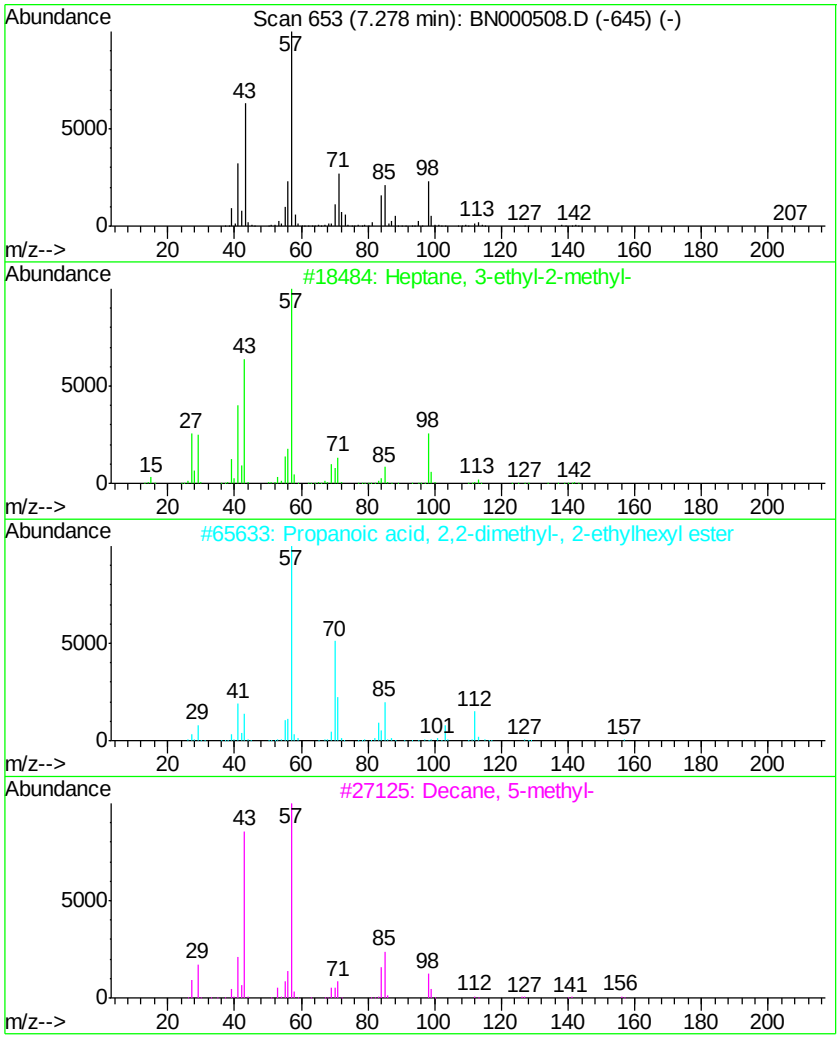
Quant Title : SVOA CALIBRATION

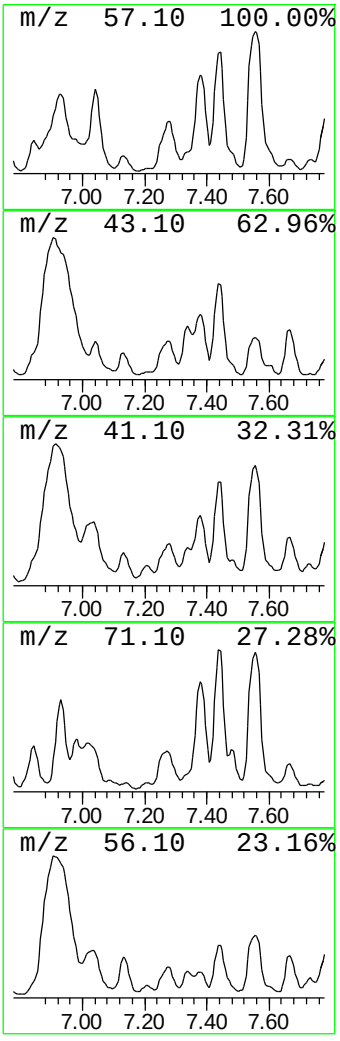
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	9.03 ng/ul	6109900	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	49
2	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	47
3	Decane, 5-methyl-	156	C11H24	013151-35-4	47
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
5	Decane	142	C10H22	000124-18-5	43





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

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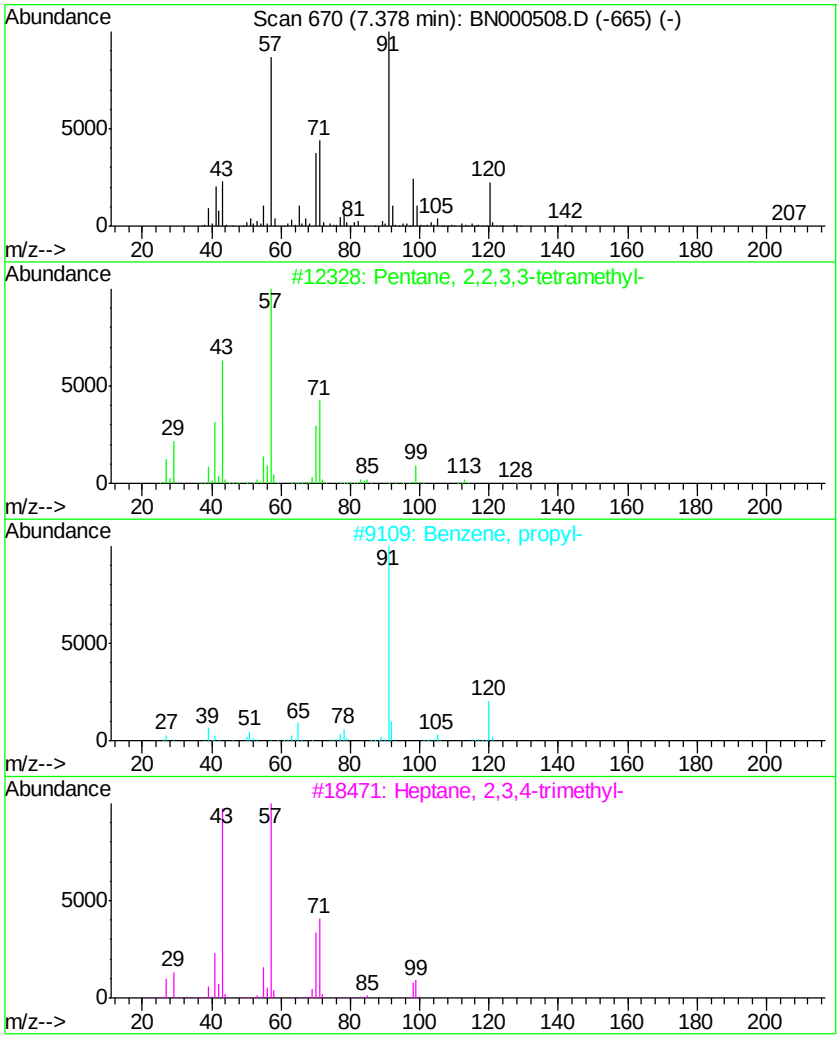
Quant Title : SVOA CALIBRATION

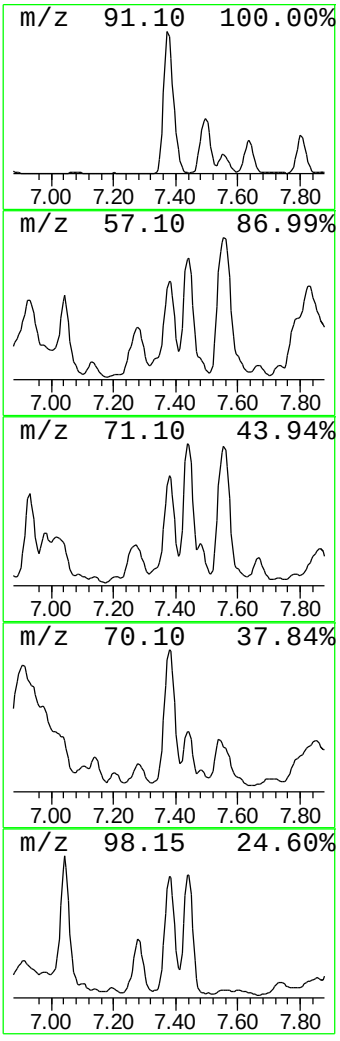
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	17.33 ng/ul	11734100	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
2	Benzene, propyl-	120	C9H12	000103-65-1	38
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	38
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	35
5	Benzene, propyl-	120	C9H12	000103-65-1	35





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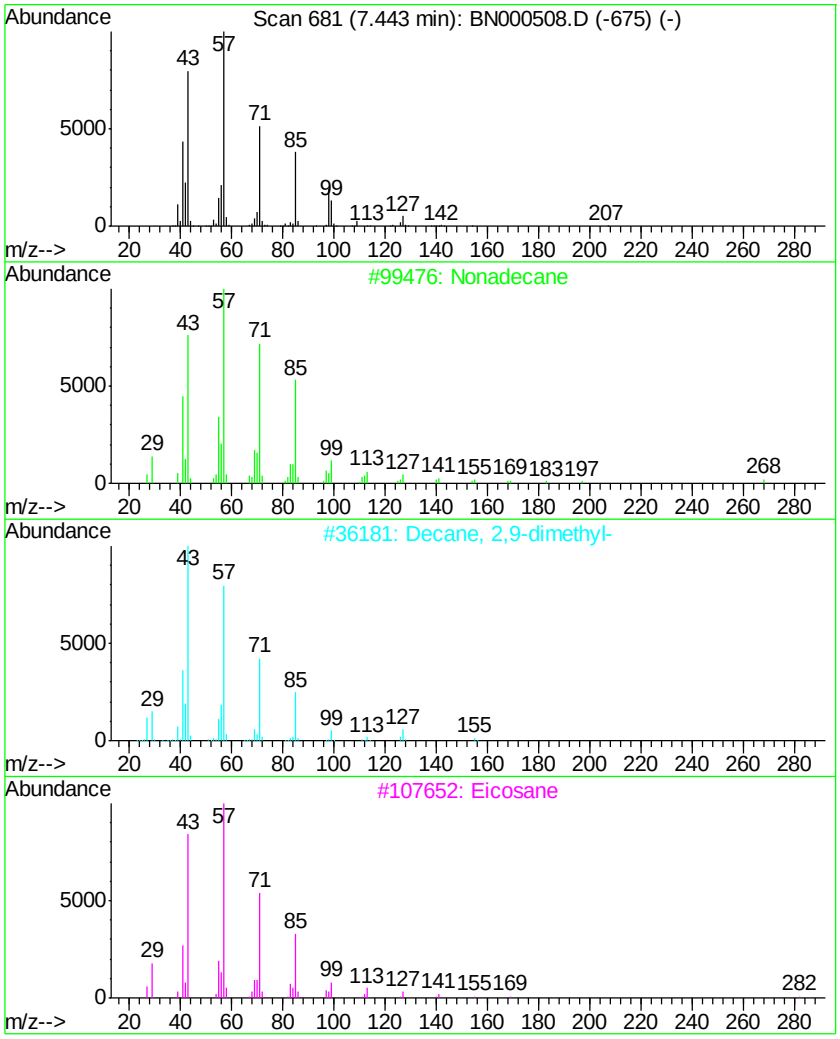
Quant Title : SVOA CALIBRATION

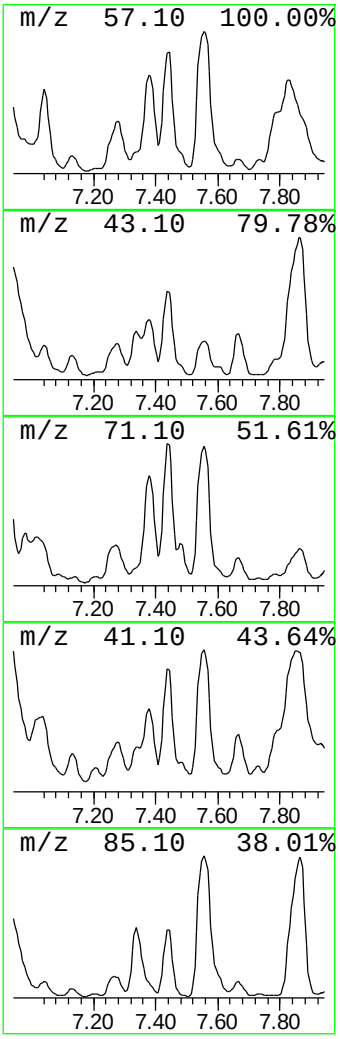
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	13.59 ng/ul	9197510	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	72
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
3	Eicosane	282	C20H42	000112-95-8	59
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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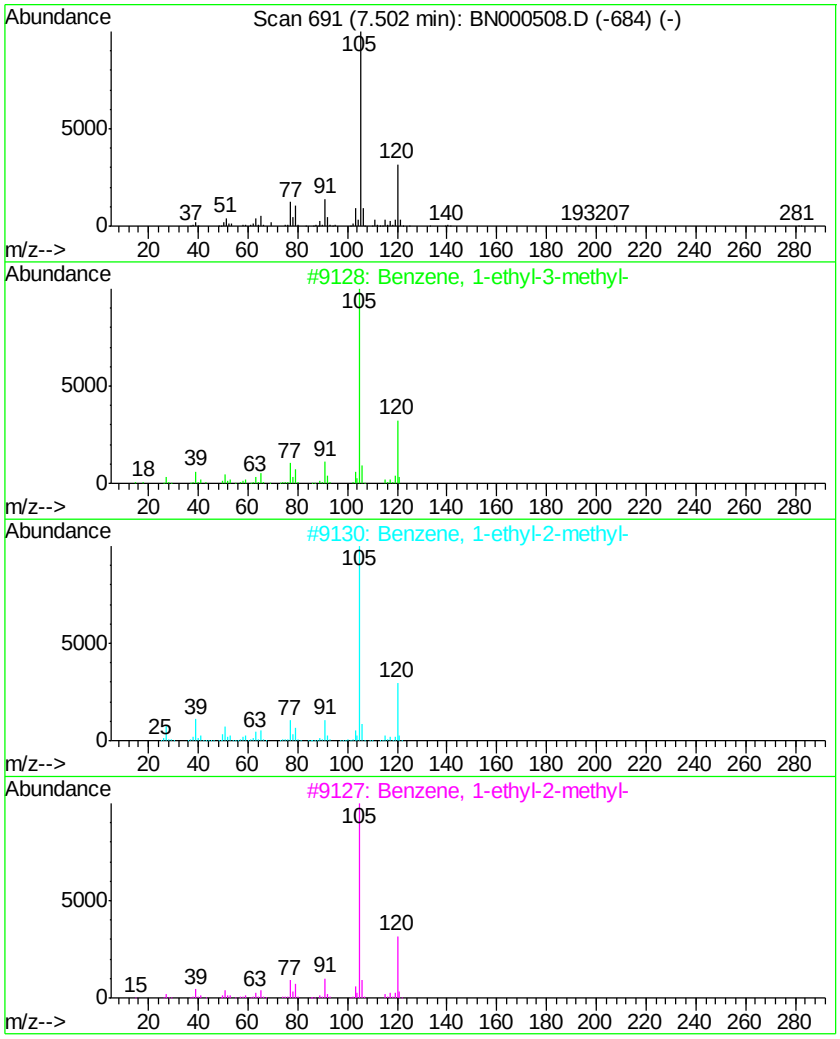
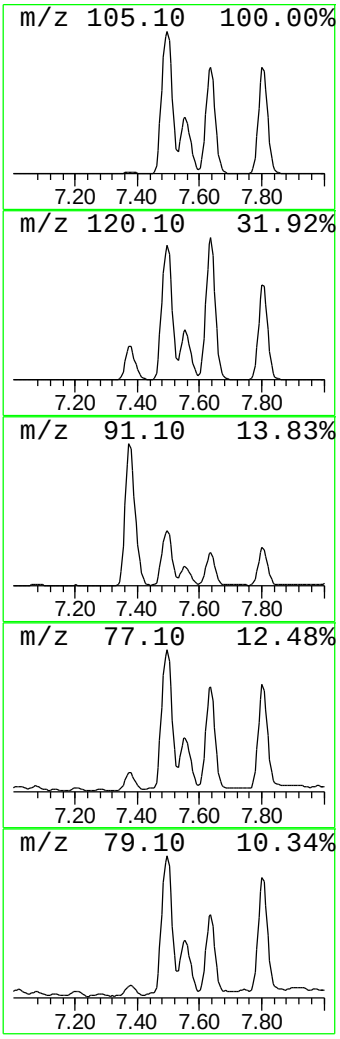
Peak Number 24 Benzene, 1-ethyl-3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	18.66 ng/ul	12634000	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Misc :
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Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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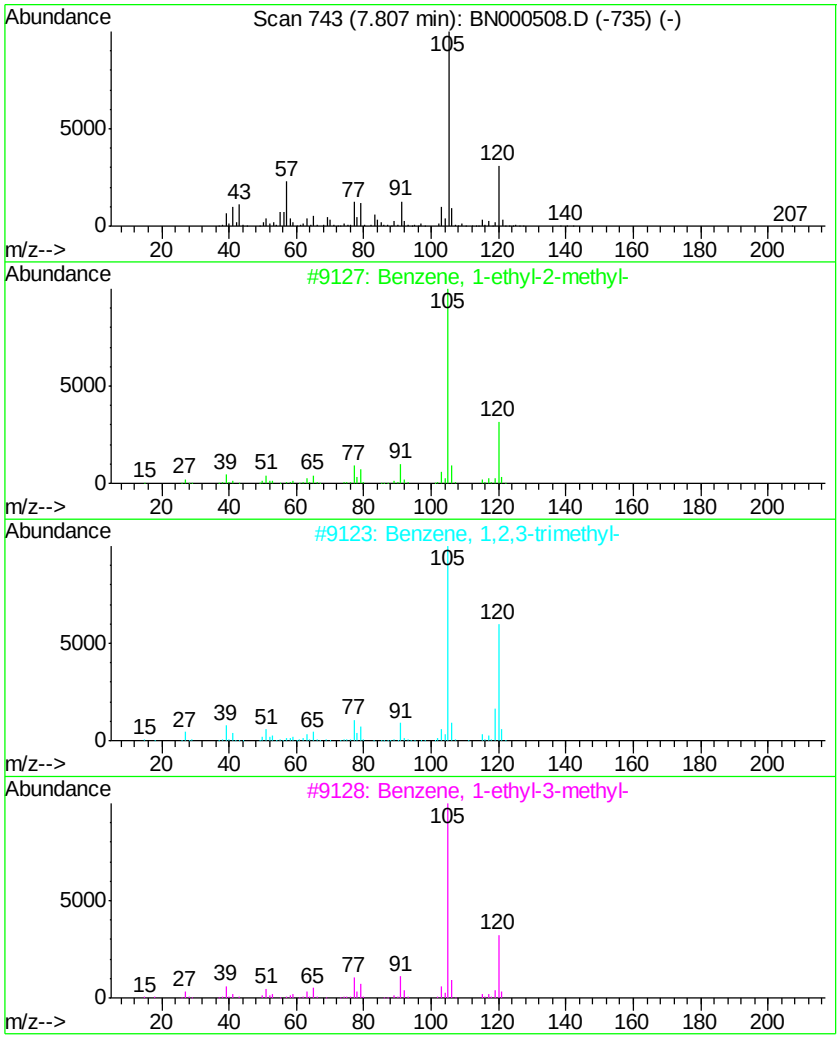
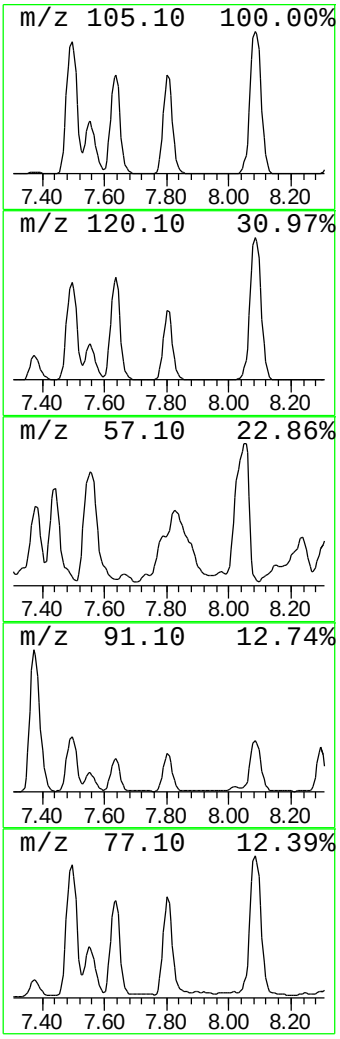
Peak Number 25 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	31.03 ng/ul	21006200	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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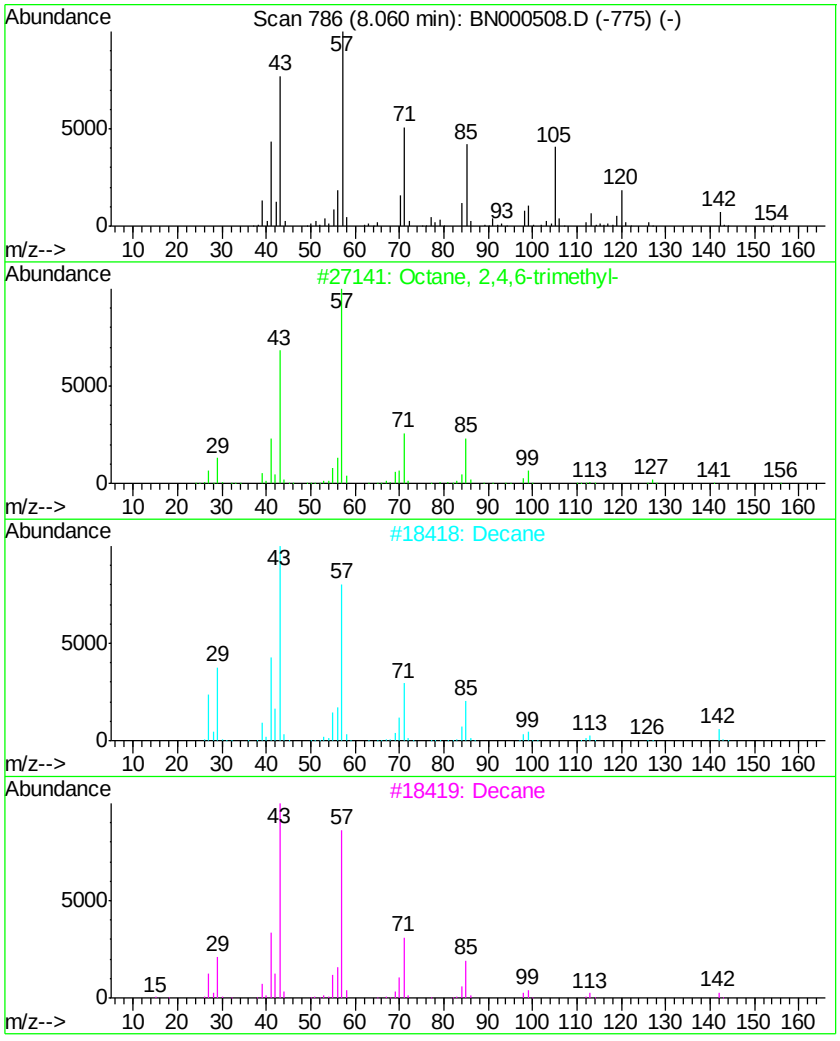
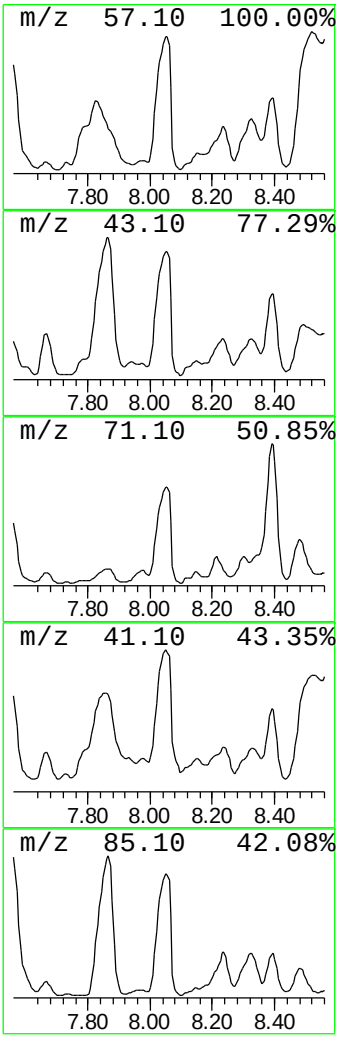
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	41.29 ng/ul	27948600	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2	Decane	142	C10H22	000124-18-5	70
3	Decane	142	C10H22	000124-18-5	70
4	Pentadecane	212	C15H32	000629-62-9	64
5	Hexadecane	226	C16H34	000544-76-3	64





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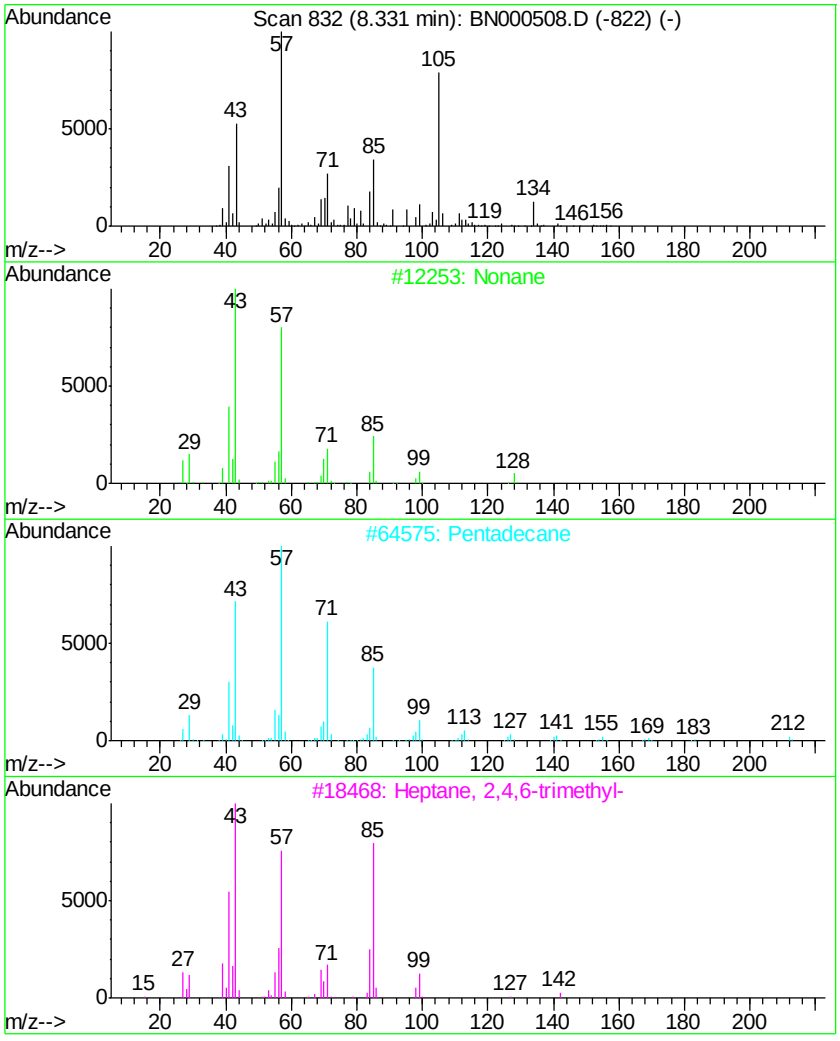
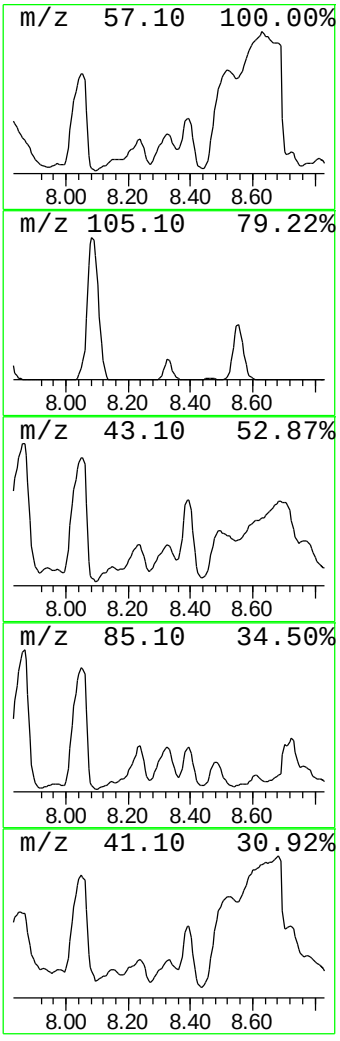
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	16.90 ng/ul	11441400	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	58
2	Pentadecane	212	C15H32	000629-62-9	43
3	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	38
4	Tridecane	184	C13H28	000629-50-5	38
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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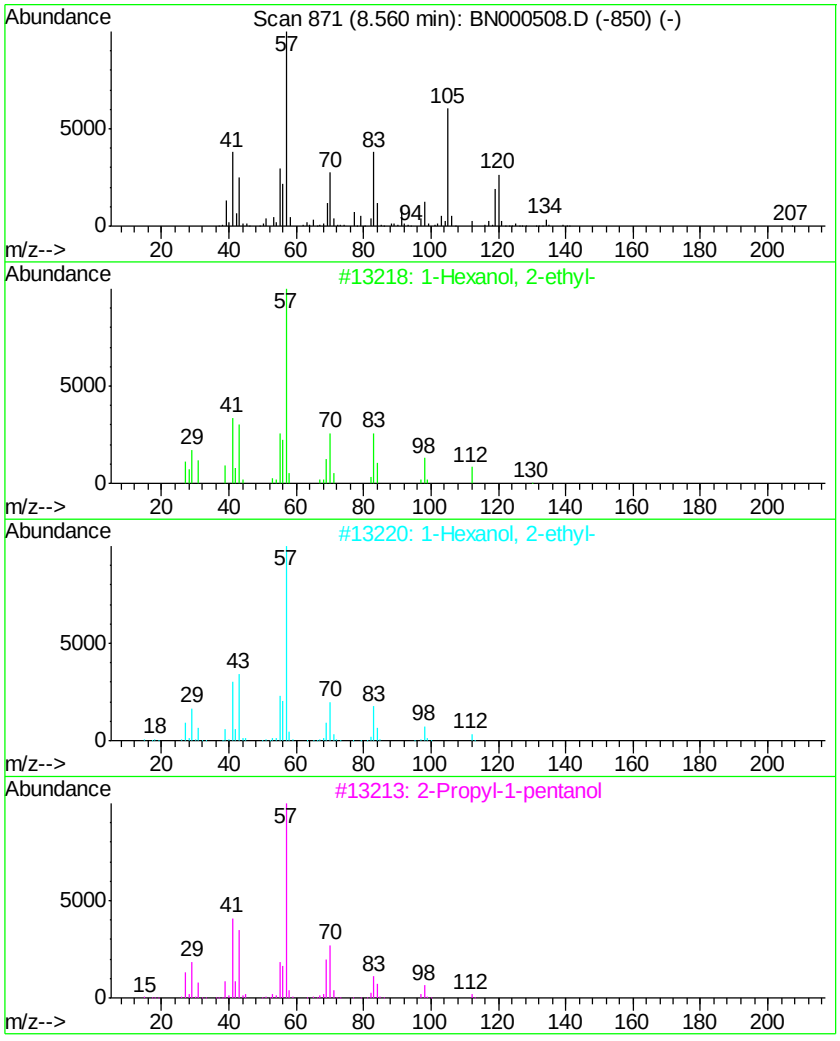
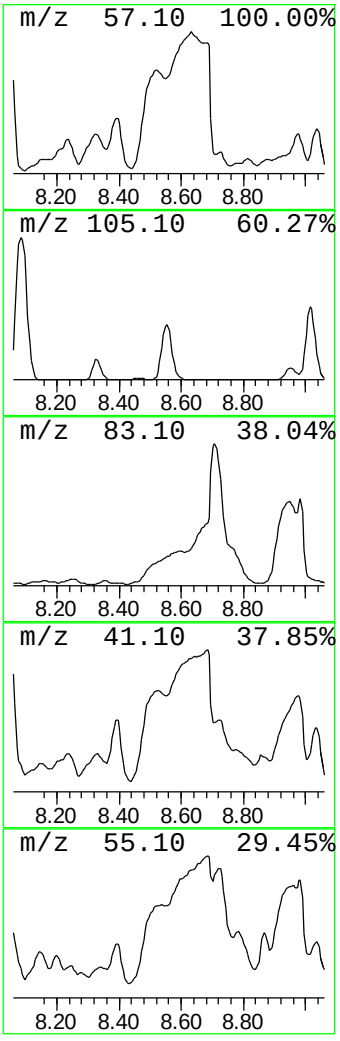
Peak Number 28 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	89.09 ng/ul	60312100	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	40
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	38
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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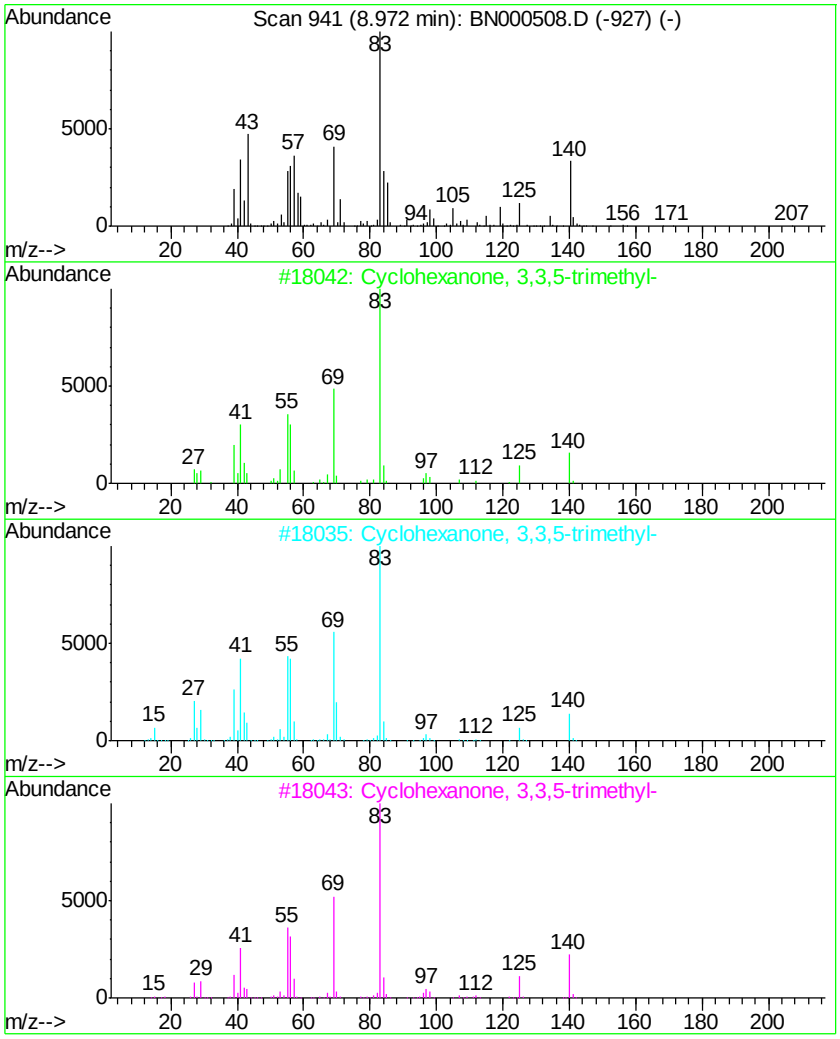
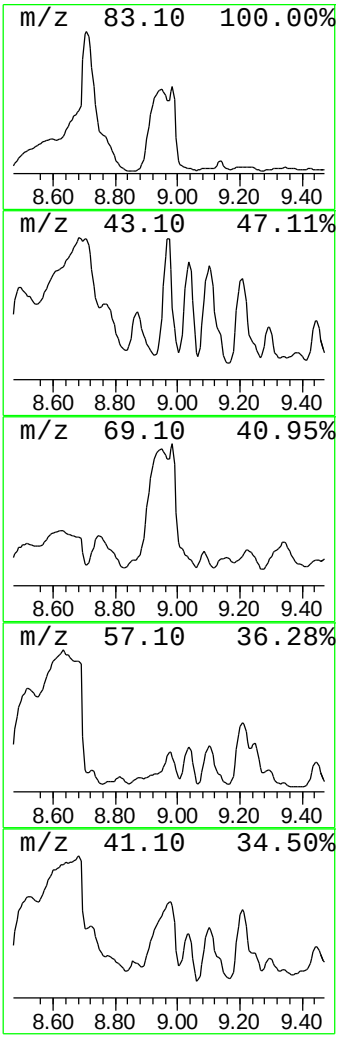
Peak Number 29 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	45.52 ng/ul	30817800	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	58
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	53
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	53
4	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	50
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	47





Library Search Compound Report

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Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

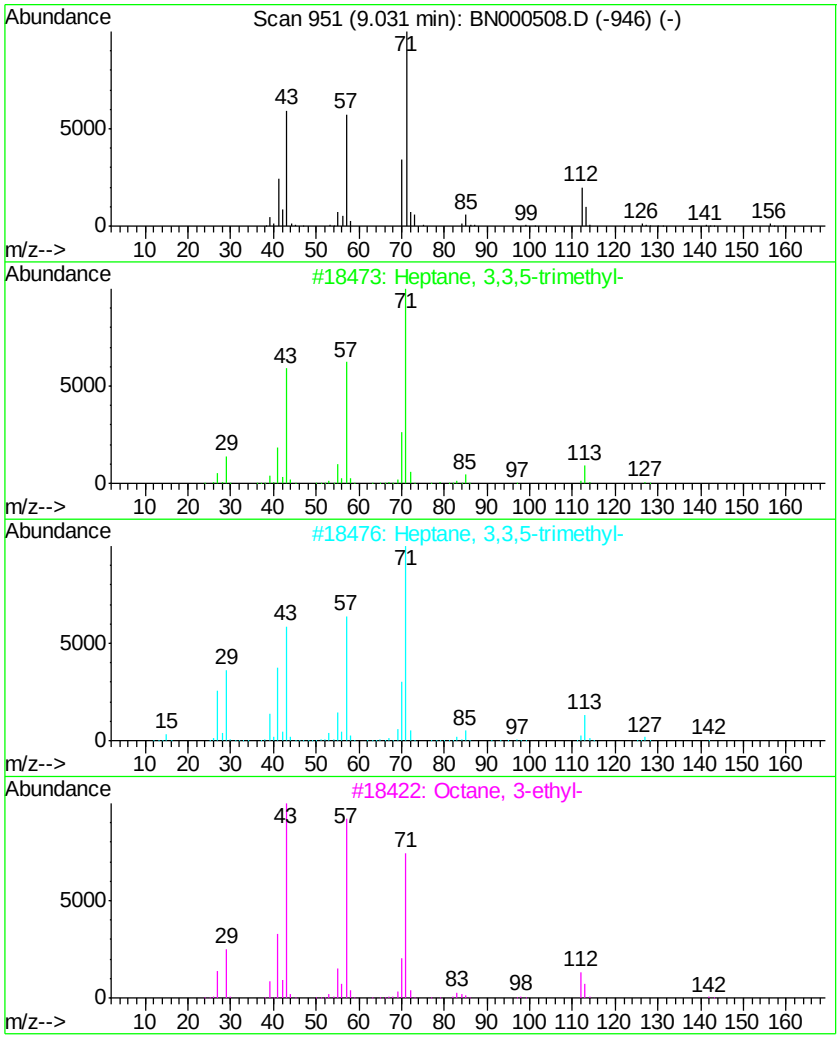
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

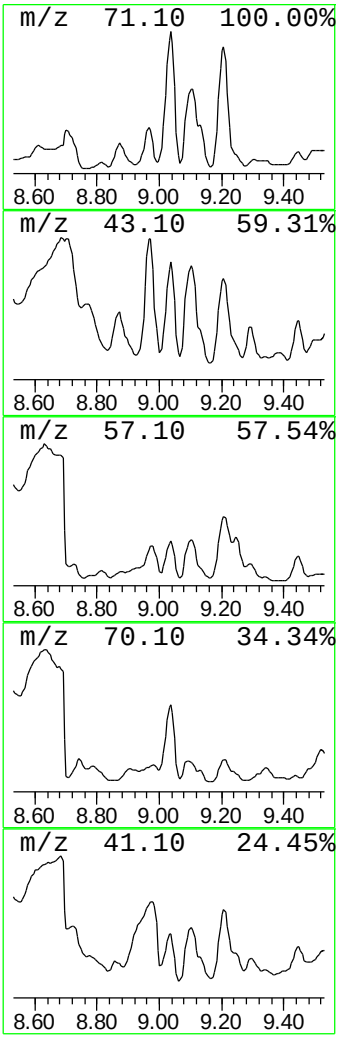
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	27.31 ng/ul	18485800	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	45
4	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	43
5	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	43





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

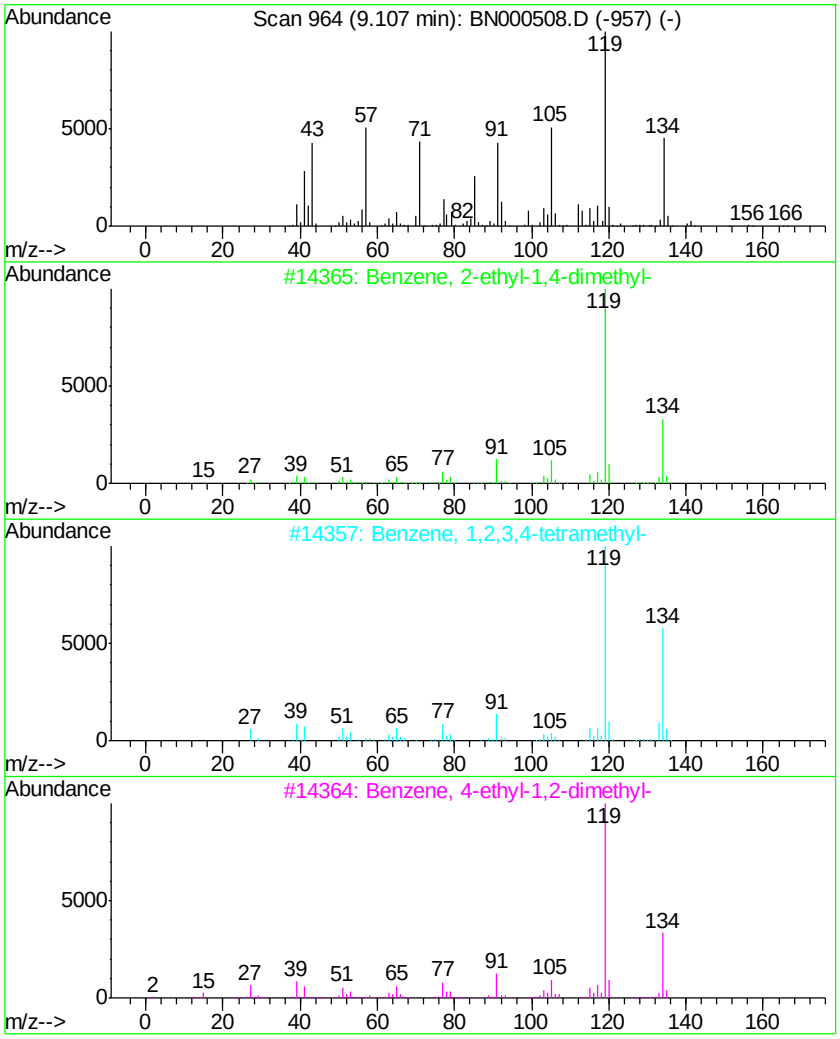
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

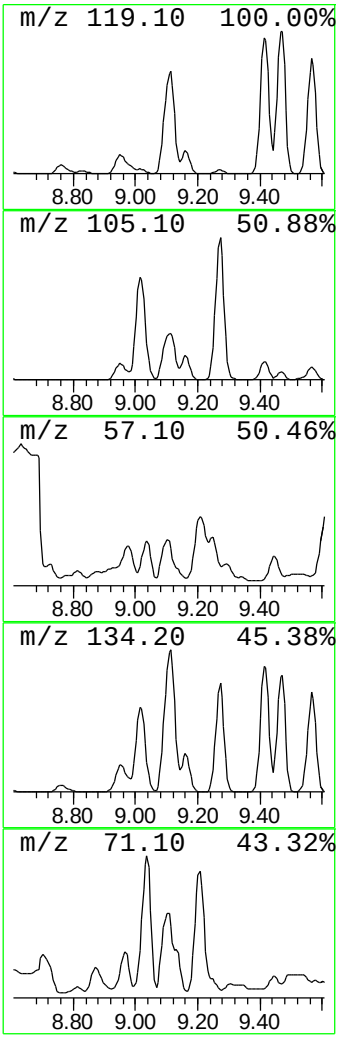
****

Peak Number 31 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	51.00 ng/ul	34521100	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	92
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

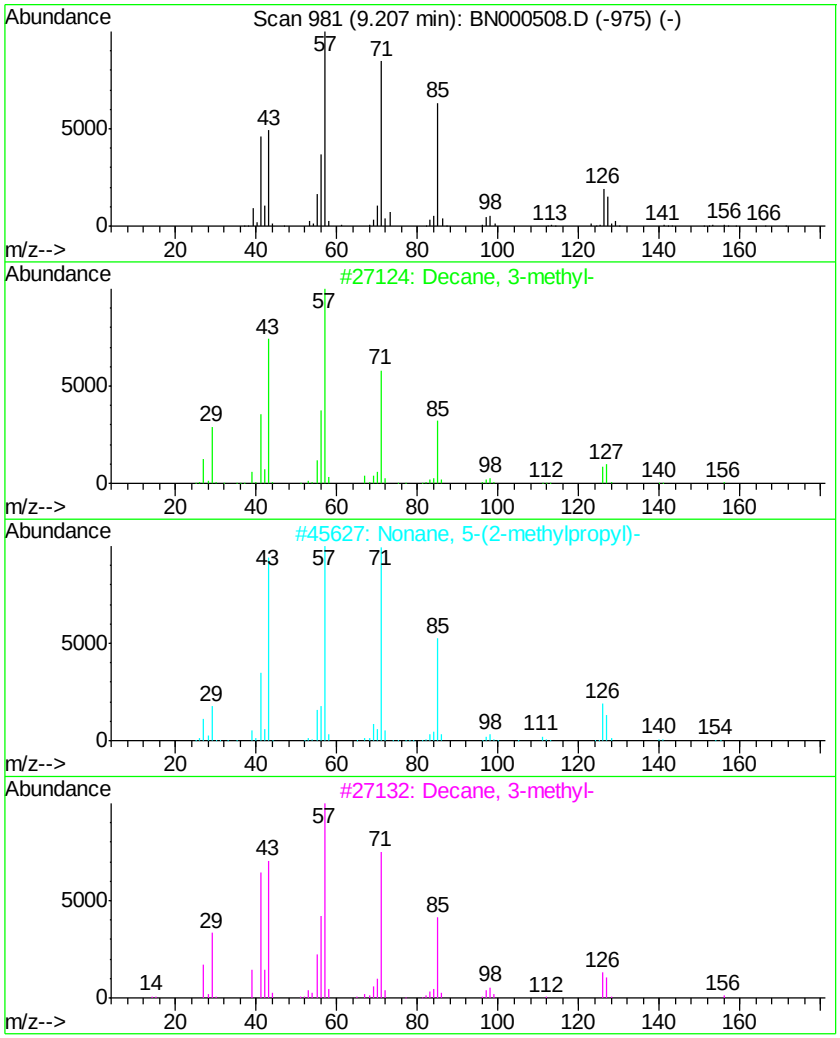
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

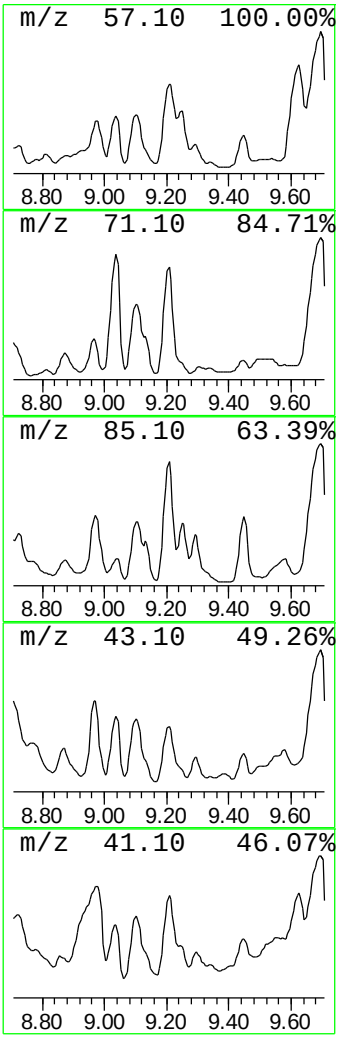
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	16.88 ng/ul	11428900	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
3	Decane, 3-methyl-	156	C11H24	013151-34-3	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

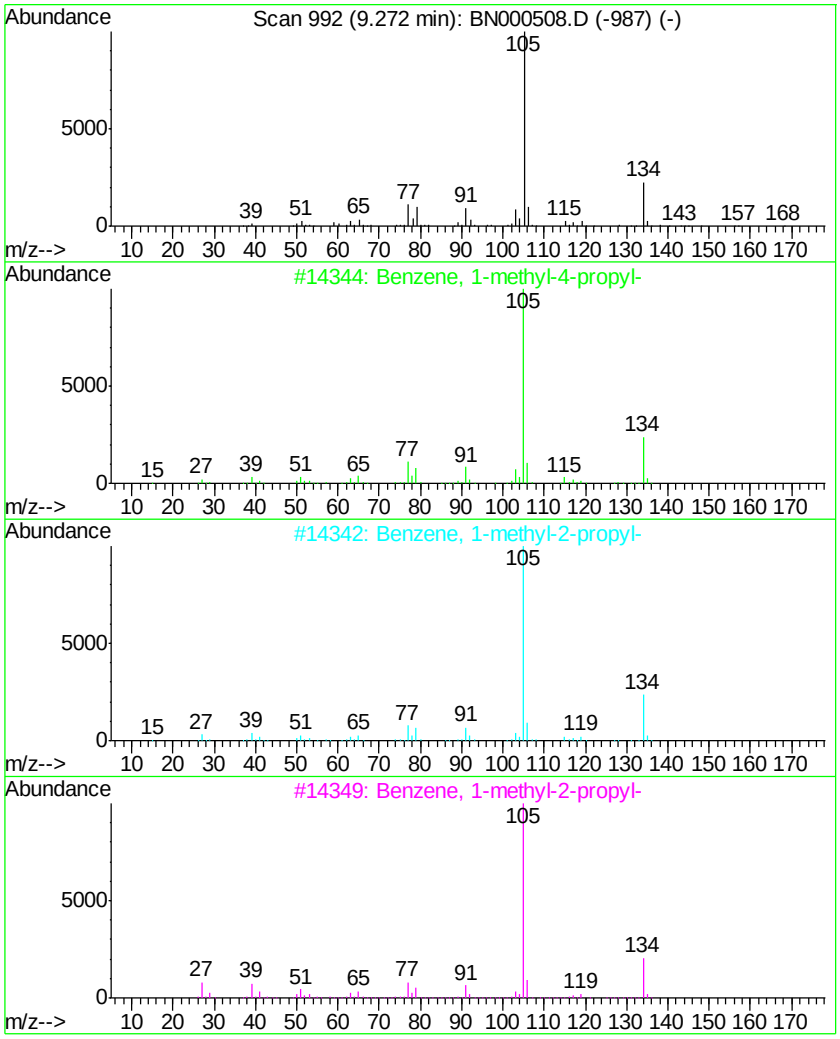
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

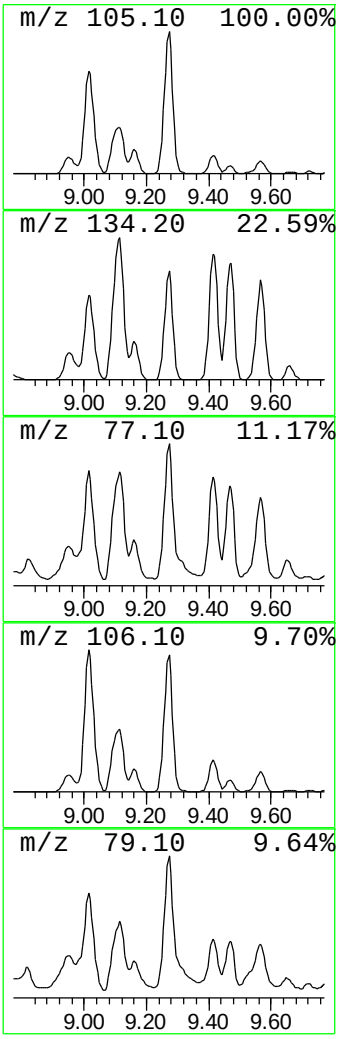
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	21.55 ng/ul	14590500	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





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Operator : JU/SJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

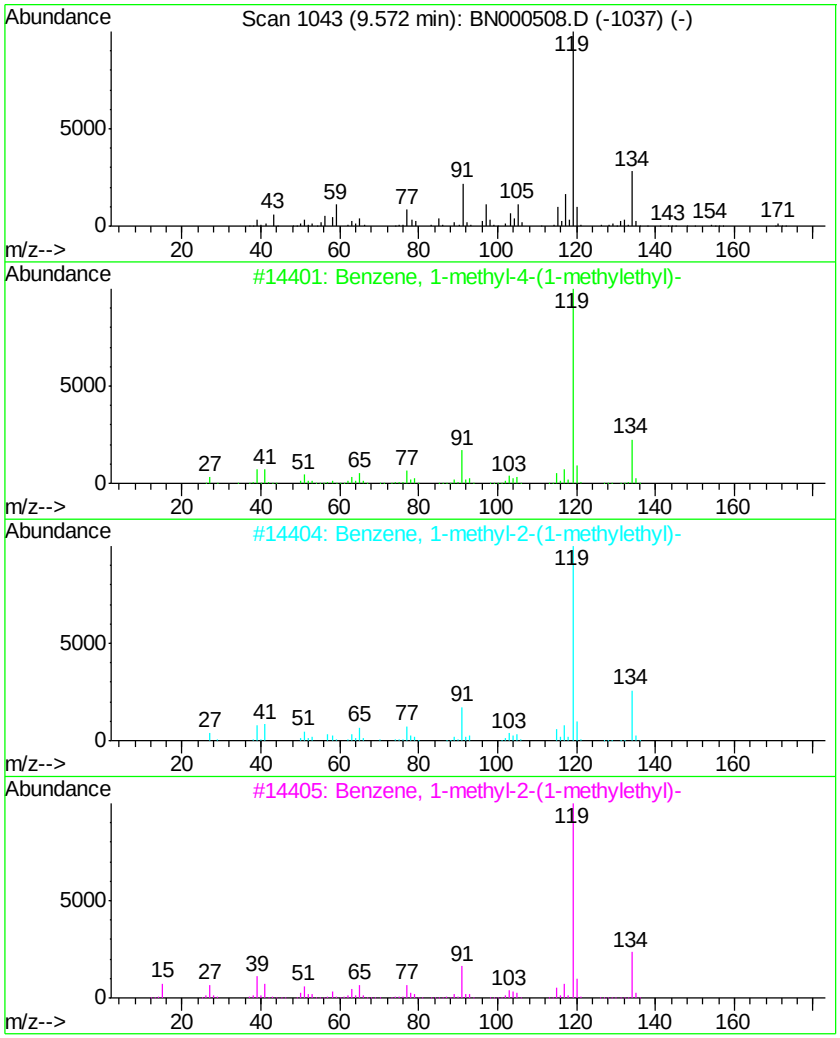
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

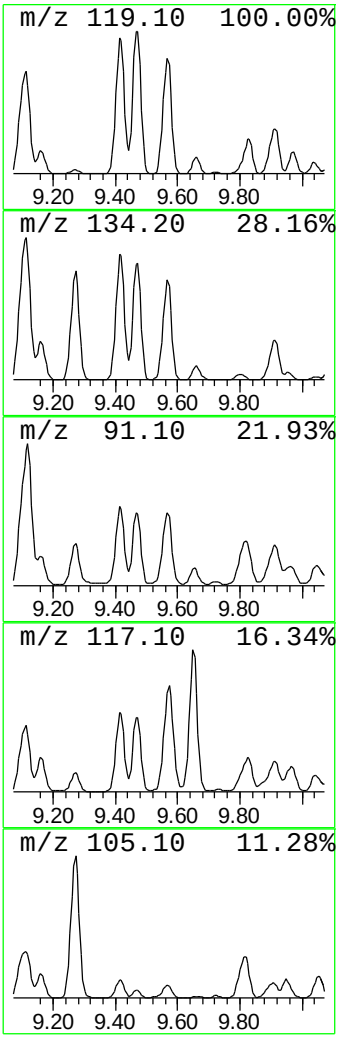
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-methyl-4-(1-meth... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	13.44 ng/ul	9100930	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

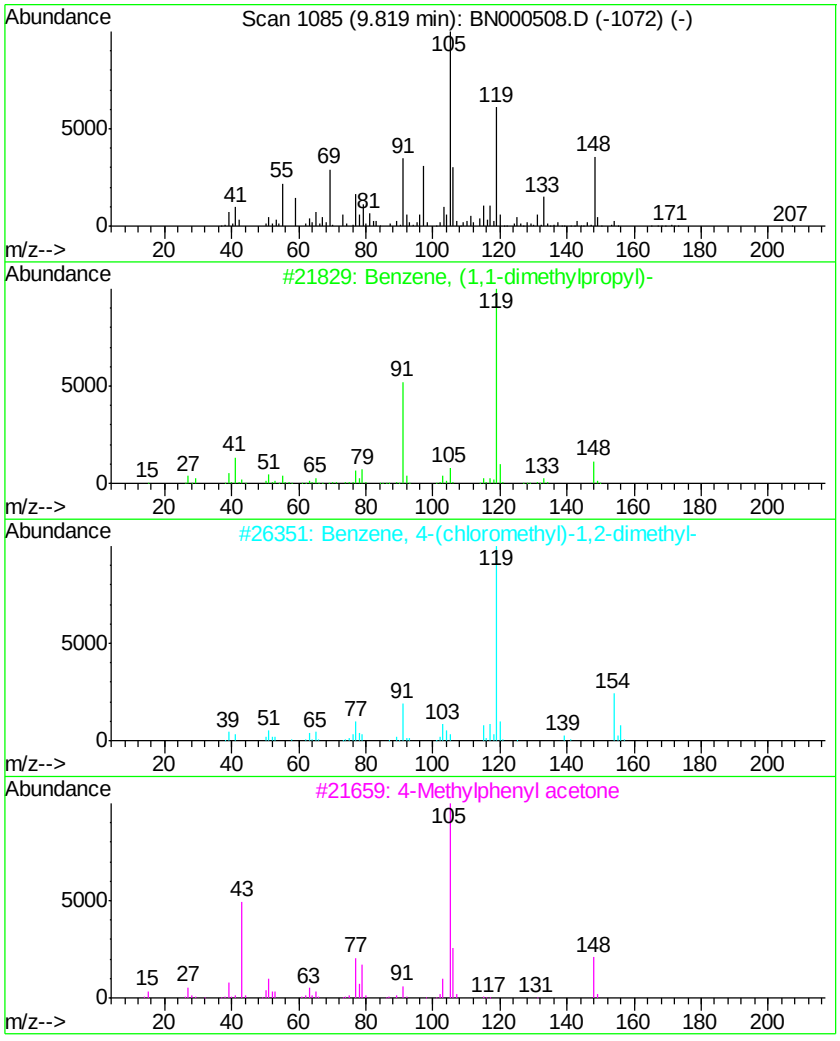
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

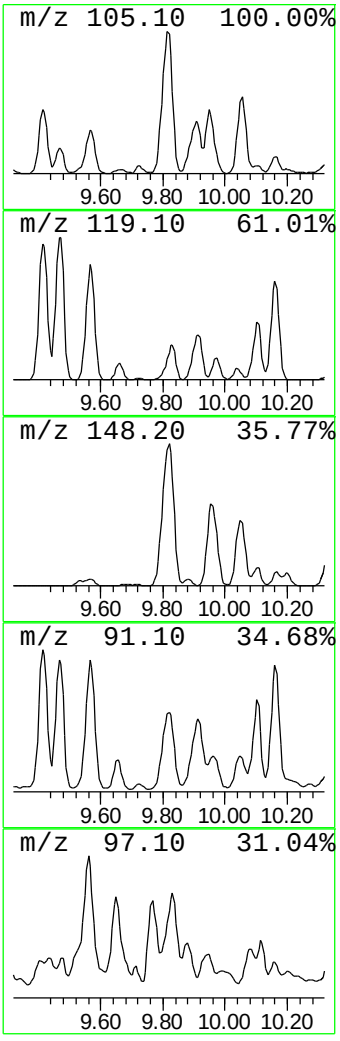
****

Peak Number 35 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	26.45 ng/ul	17905800	1,4-Dichlorobenzene-d4	8.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
2	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	42
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35





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Sample : J1905-12
Misc :
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Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

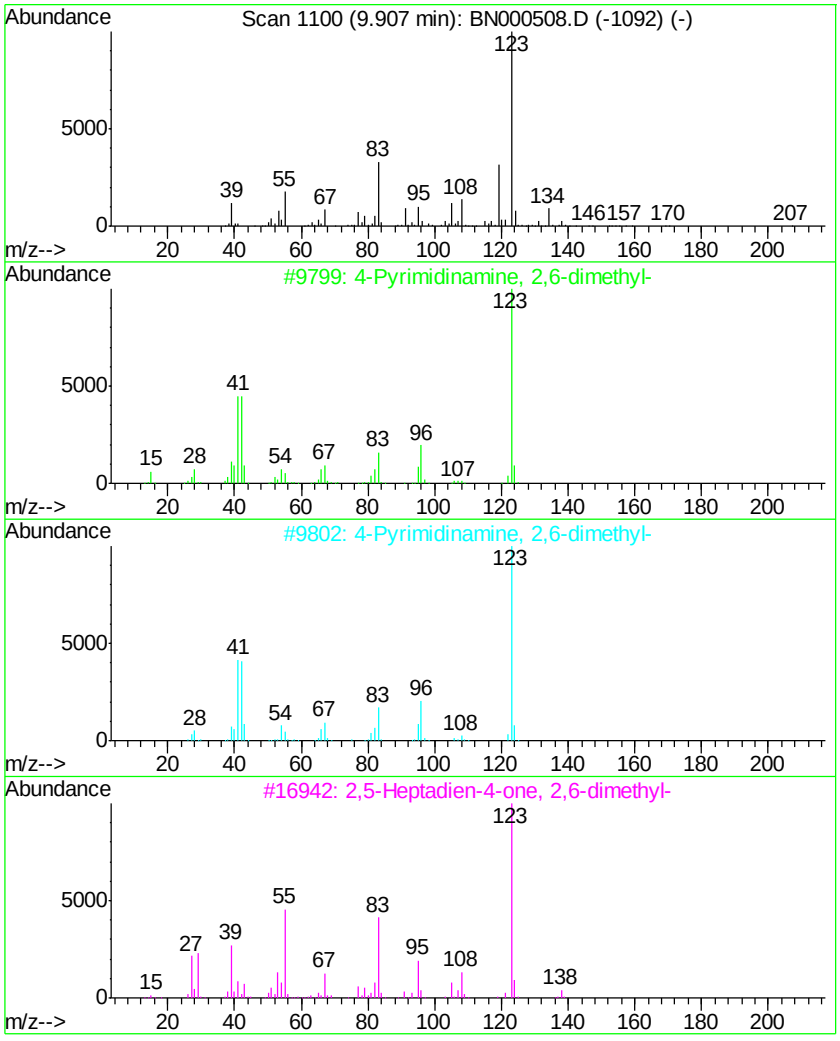
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

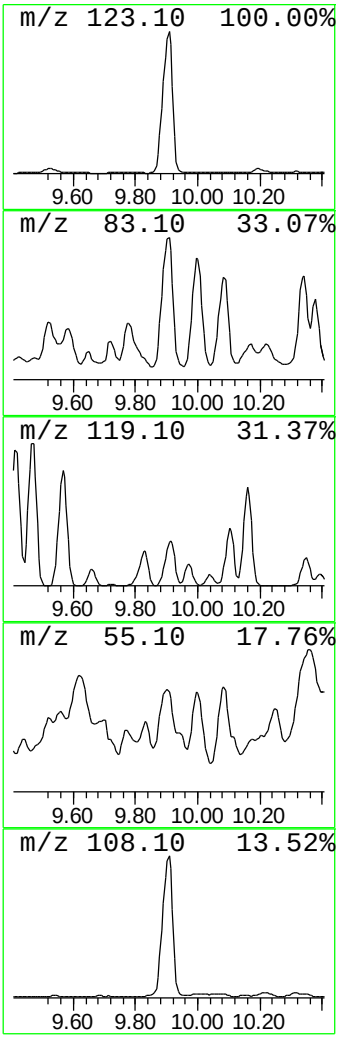
****

Peak Number 36 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	22.63 ng/ul	19637900	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	49
2	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	47
3	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	43
4	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	40
5	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	38





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Sample : J1905-12
Misc :
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Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

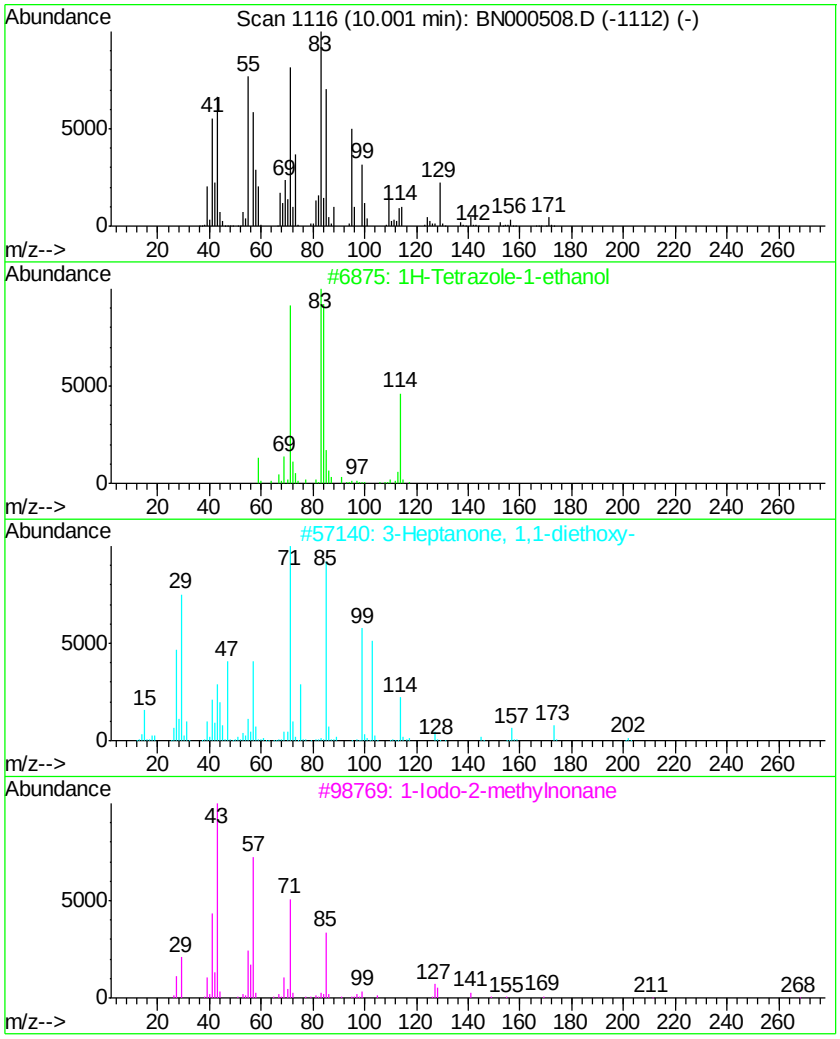
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

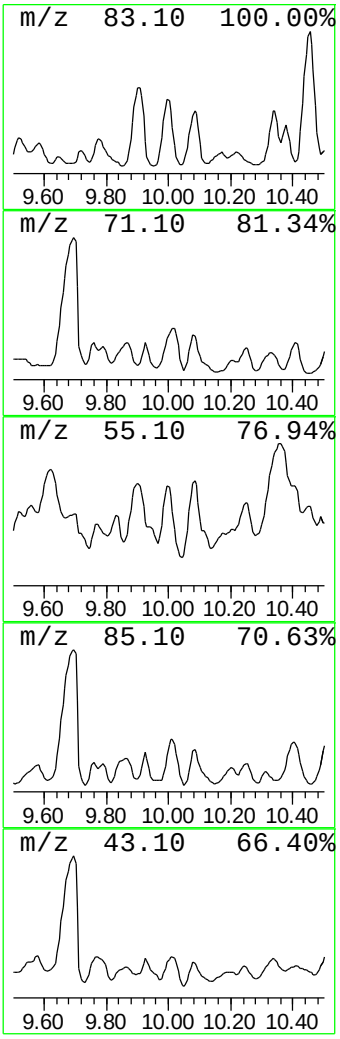
****

Peak Number 37 unknown-03 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	8.82 ng/ul	7652480	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Tetrazole-1-ethanol	114	C3H6N4O	015284-25-0	38
2	3-Heptanone, 1,1-diethoxy-	202	C11H22O3	051149-69-0	35
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	22
4	Allyl 2-ethyl butyrate	156	C9H16O2	007493-69-8	22
5	1-Cyclohexyl-3-nitrobutan-1-ol	201	C10H19NO3	1000195-46-2	22





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Instrument : BNA_N
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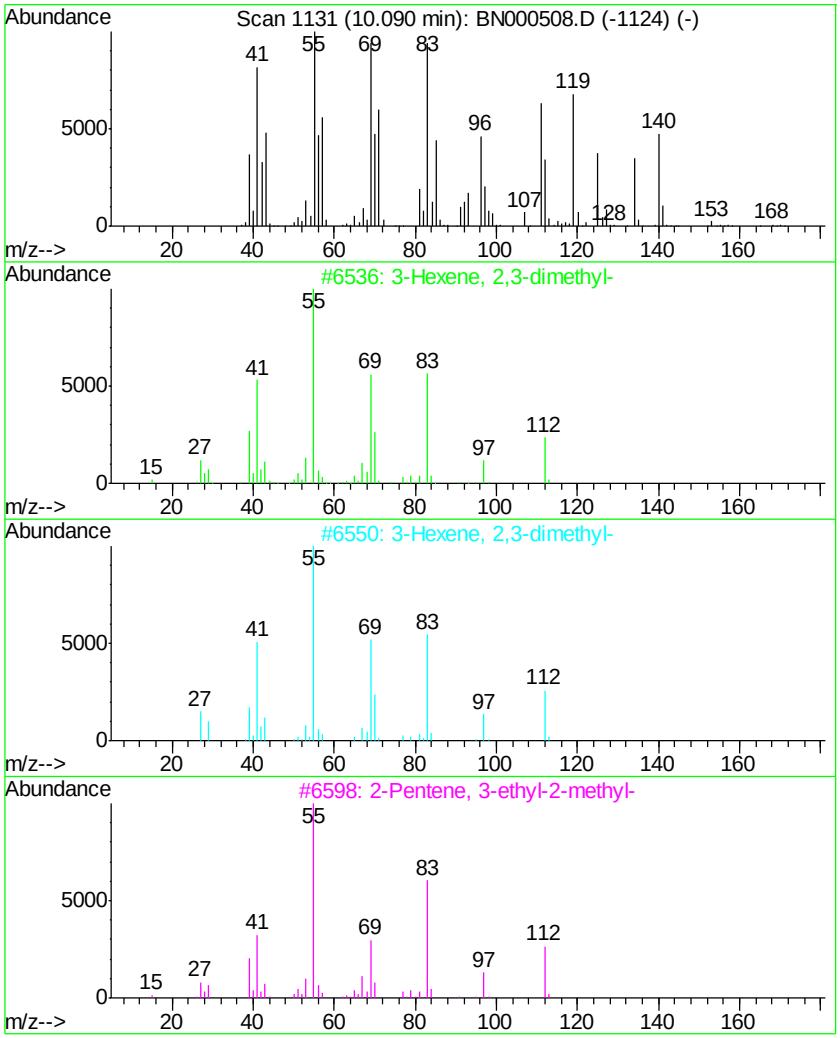
Quant Title : SVOA CALIBRATION

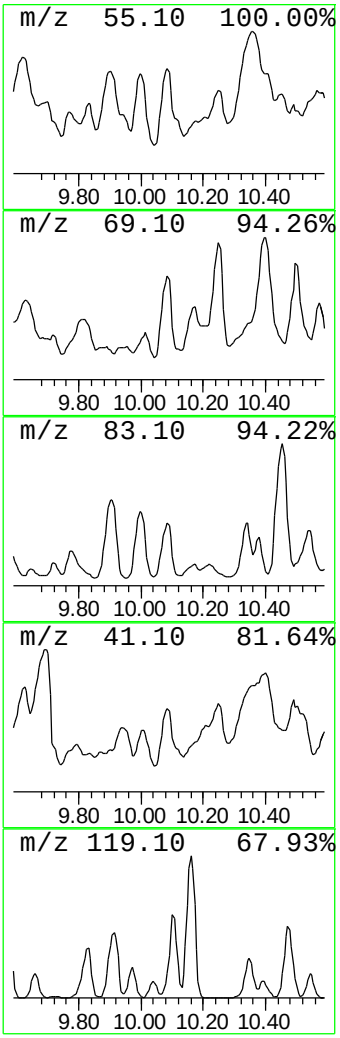
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Cyclic10.09 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	17.49 ng/ul	15176800	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	42
2	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	42
3	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	25
4	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	25
5	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	25





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Quant Title : SVOA CALIBRATION

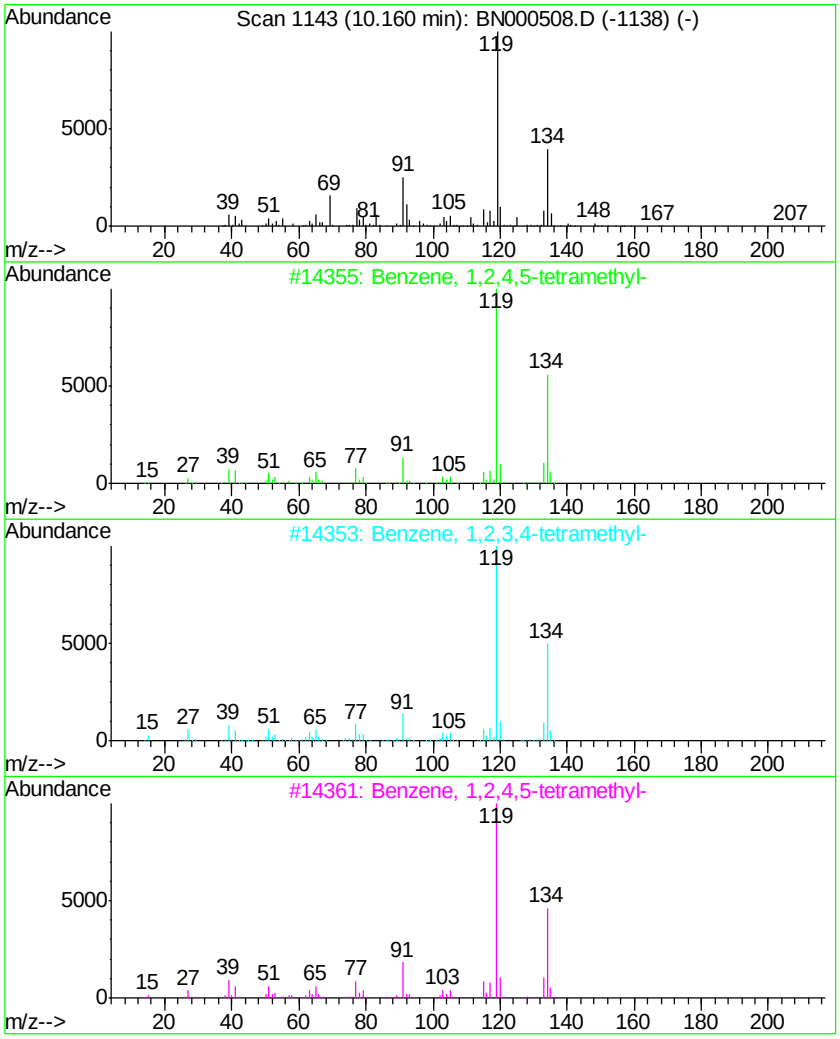
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

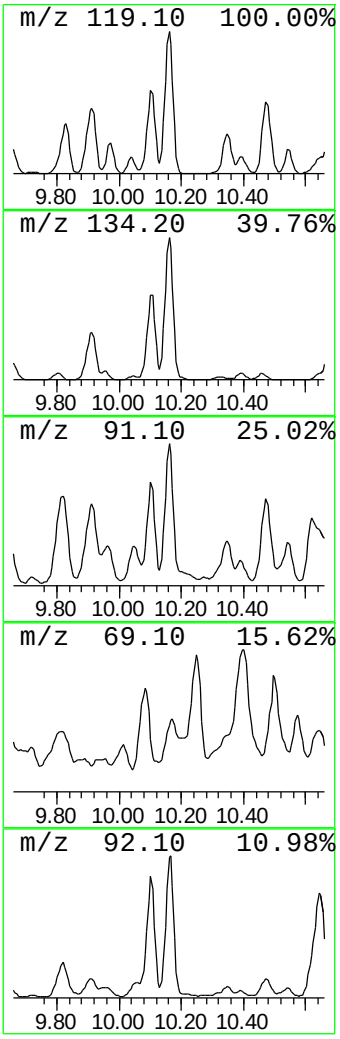
****

Peak Number 39 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	11.51 ng/ul	9992210	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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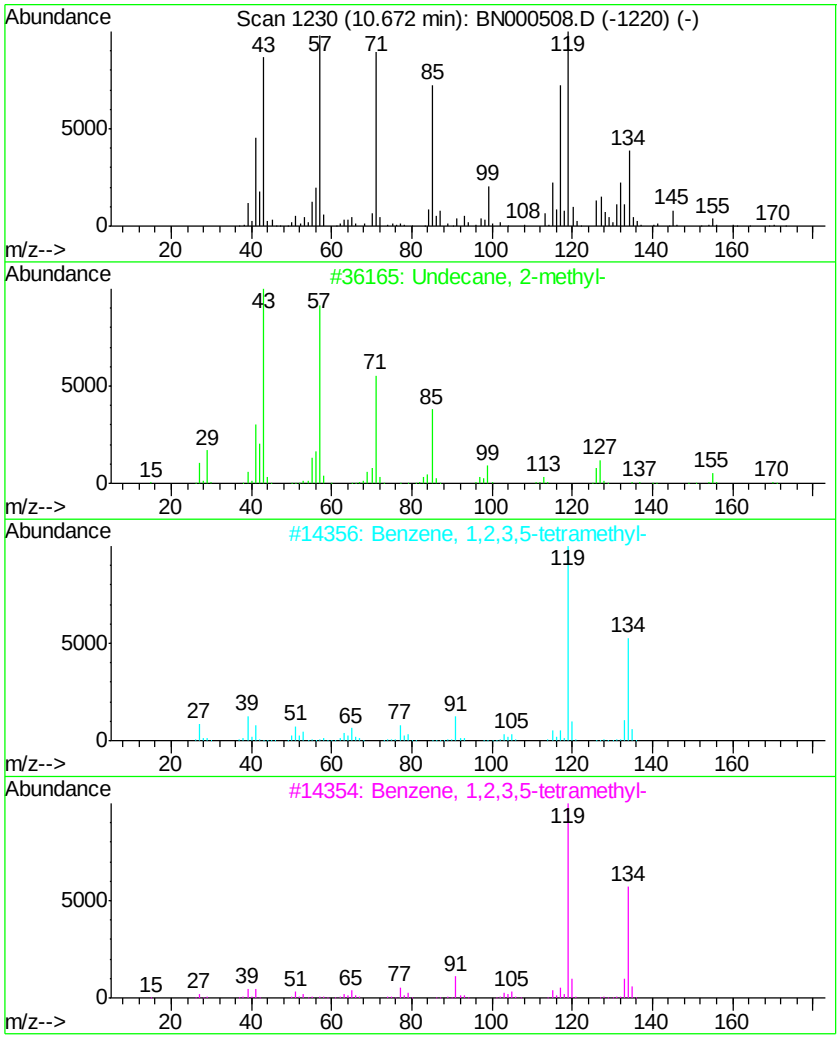
Quant Title : SVOA CALIBRATION

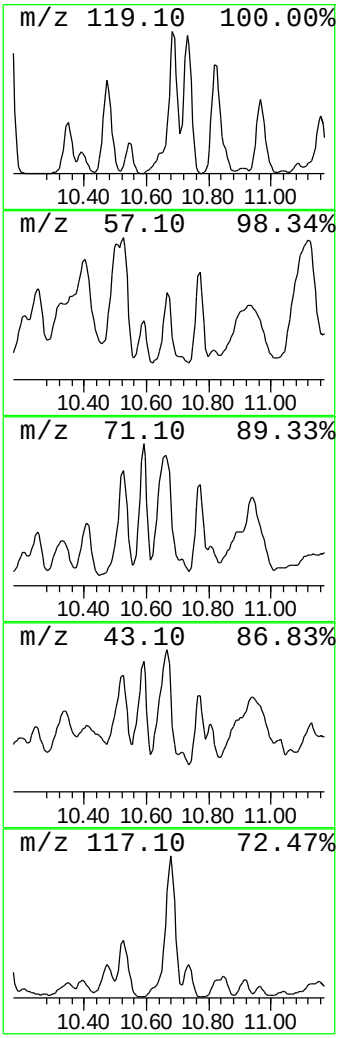
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	19.15 ng/ul	16621800	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	42
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	25
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	25
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	25





Library Search Compound Report

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Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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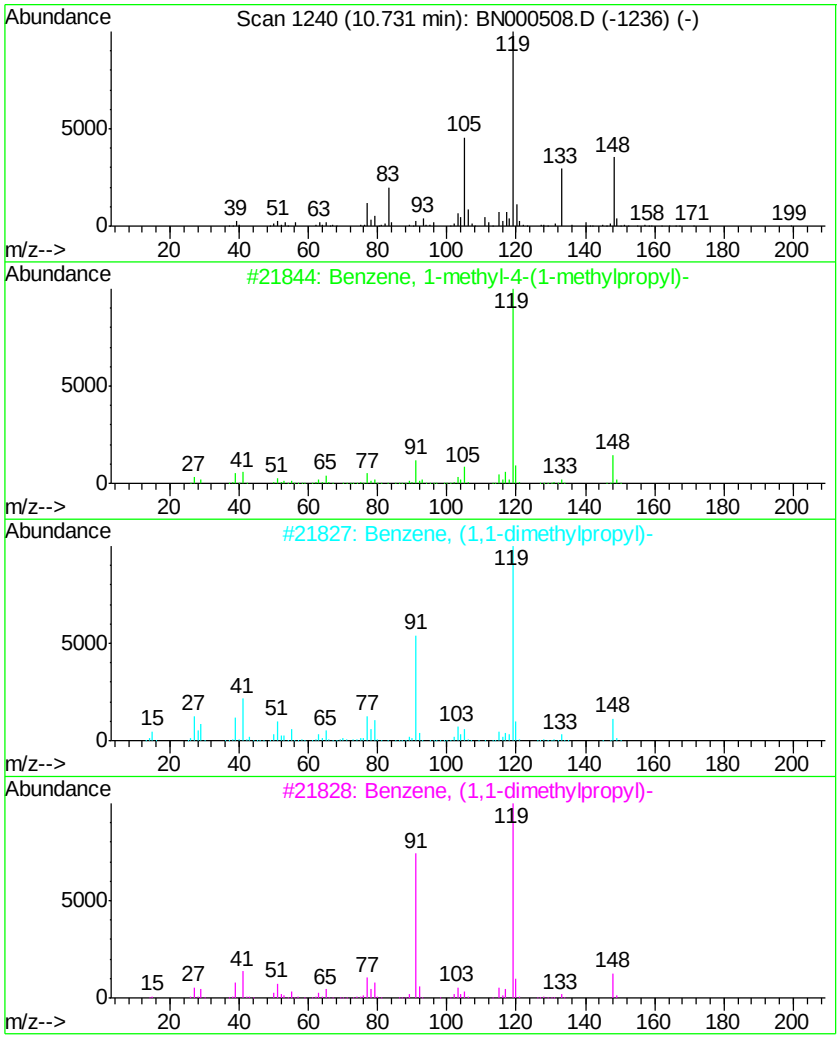
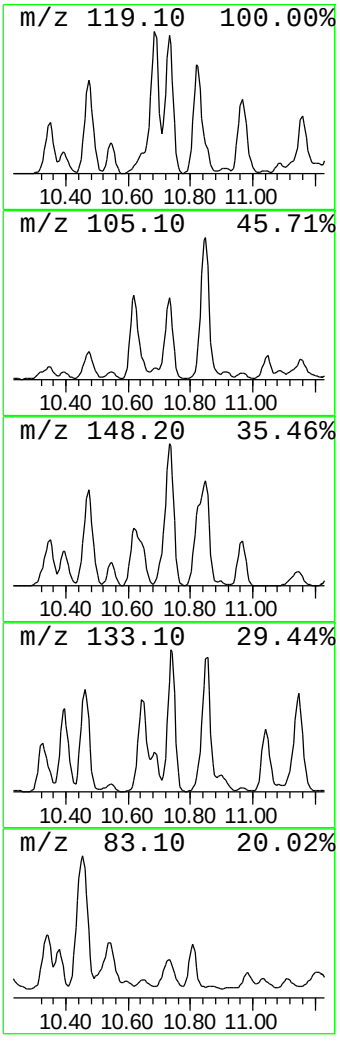
Peak Number 41 Benzene, 1-methyl-4-(1-meth... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	4.38 ng/ul	3799810	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	62
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
4	Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	50
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	47





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ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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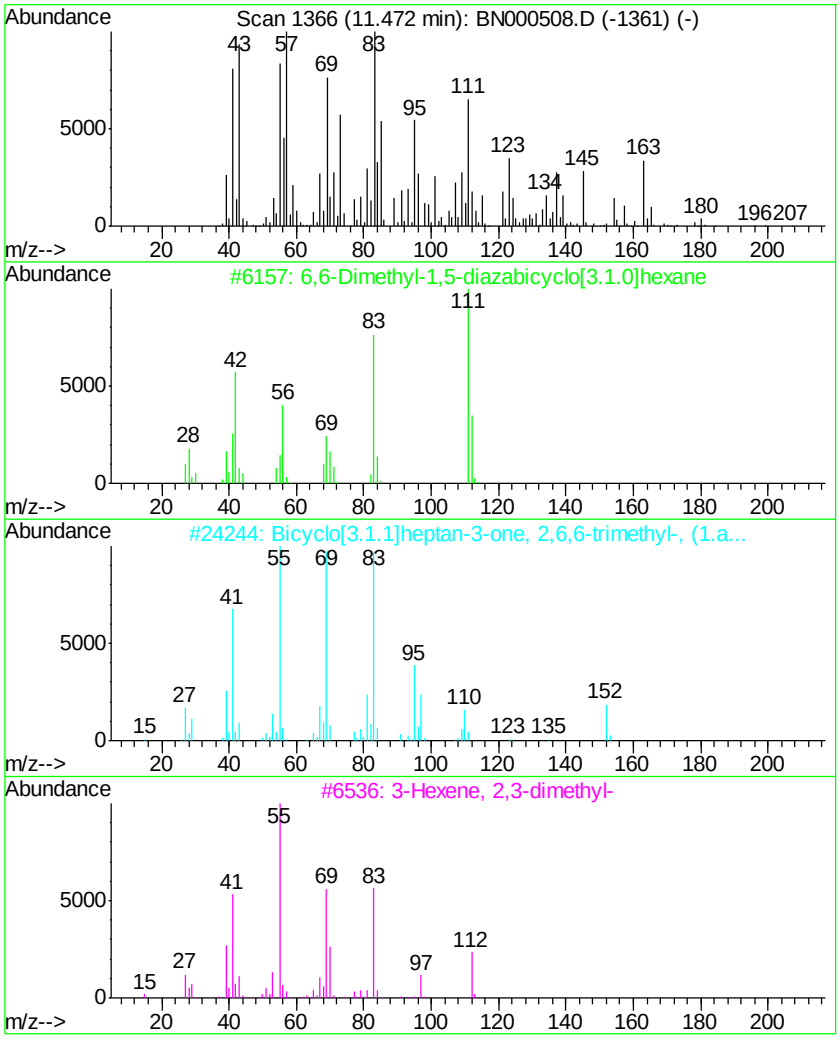
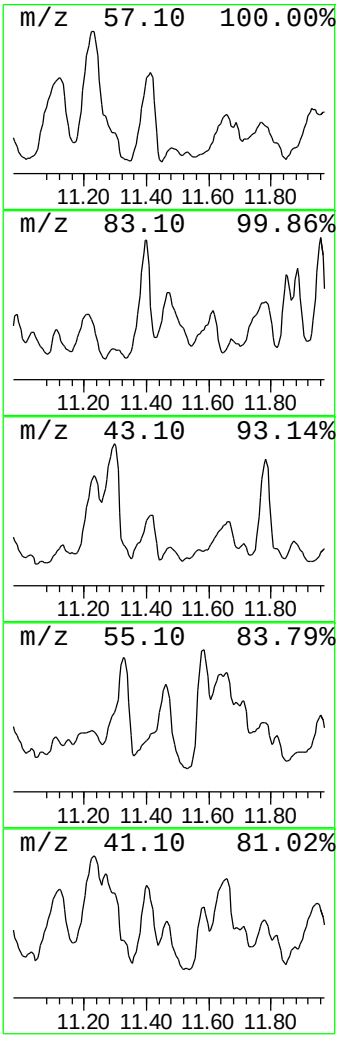
Peak Number 43 unknown-04 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	17.61 ng/ul	15284200	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	104518-69-6	41
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
3	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	30
4	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	25
5	2-Methyl-2-heptene	112	C8H16	000627-97-4	18





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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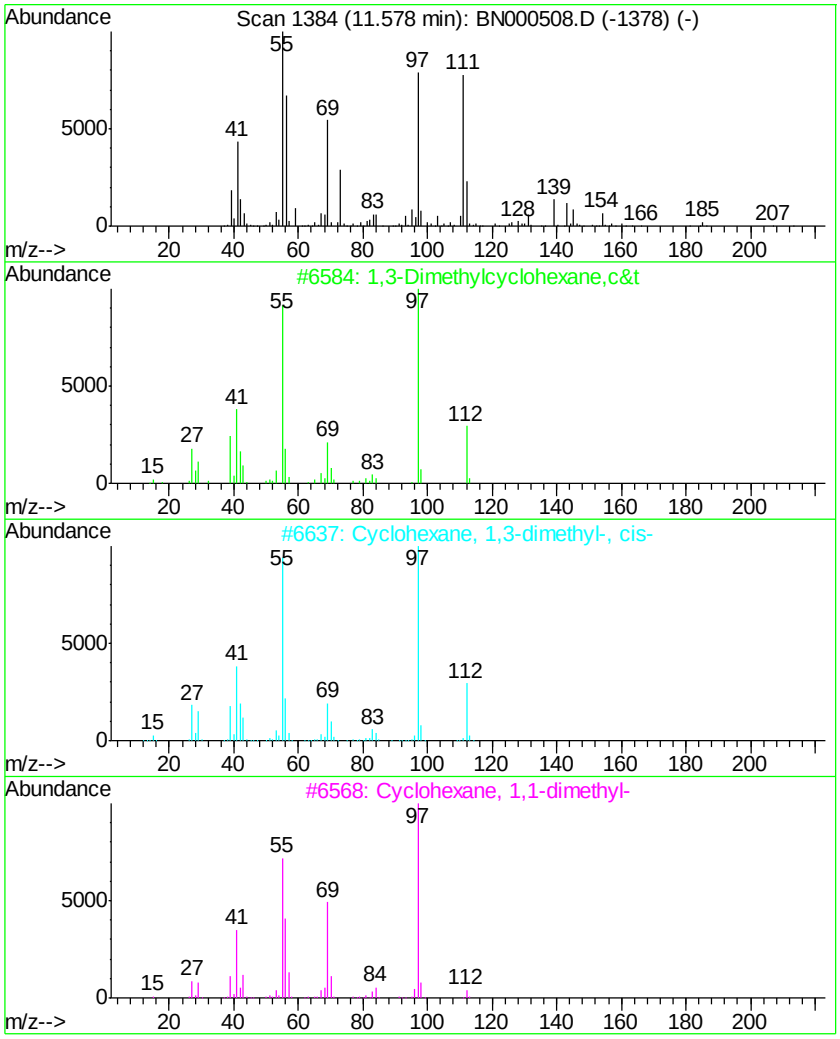
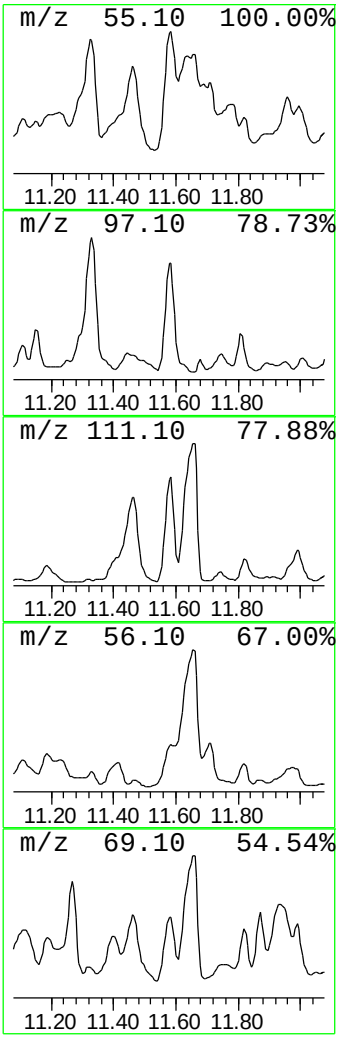
Peak Number 44 (DEL) Alkane: Cyclic11.58 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	18.46 ng/ul	16018100	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	38
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	35
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	35
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	30
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	30





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Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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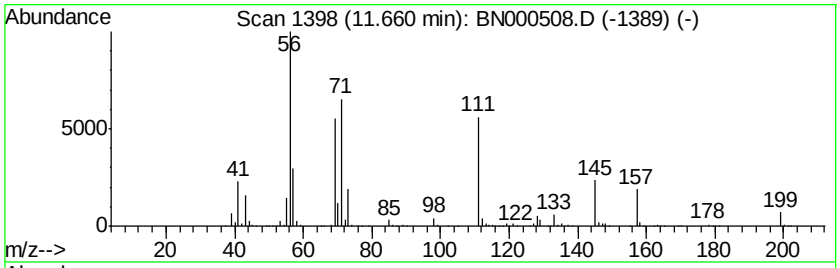
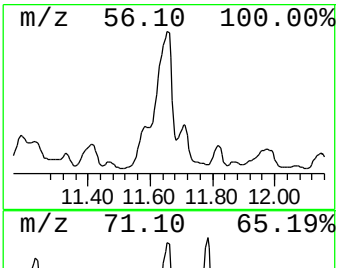
Peak Number 45 unknown-05 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	20.37 ng/ul	17679700	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, isocyanato-	71	C3H5NO	000109-90-0	38
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	38
3	2-Pyrrolidinone, 1-ethenyl-	111	C6H9NO	000088-12-0	37
4	Ethane, isocyanato-	71	C3H5NO	000109-90-0	32
5	Ethanamine, N-pentylidene-	113	C7H15N	010599-76-5	23





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Misc :
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Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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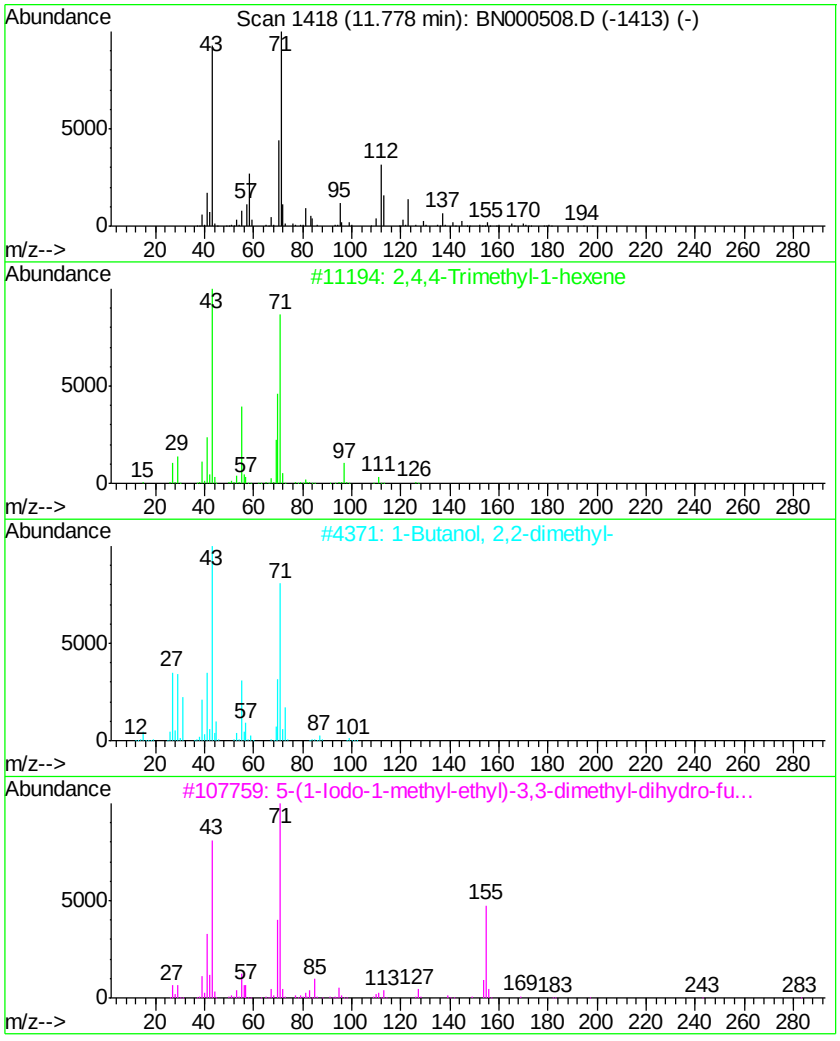
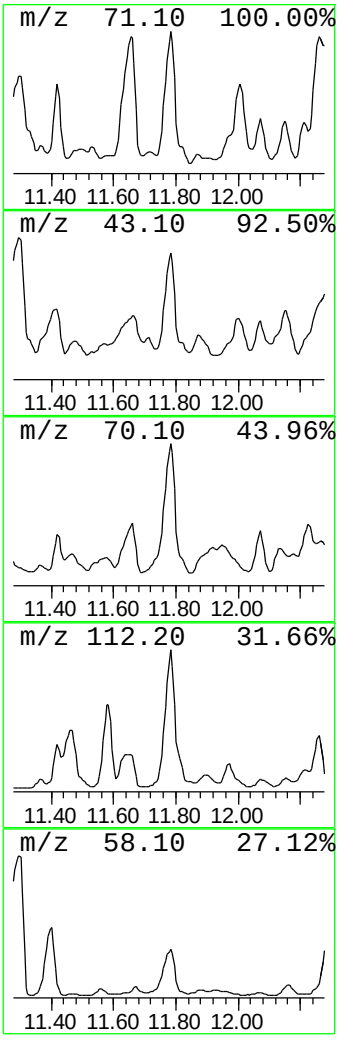
Peak Number 46 (DEL) Alkane: Cyclic11.78 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	8.77 ng/ul	7610270	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
2	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	47
3	5-(1-Iodo-1-methyl-ethyl)-3,3-di...	282	C9H15IO2	1000190-61-9	38
4	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	38
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	36





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Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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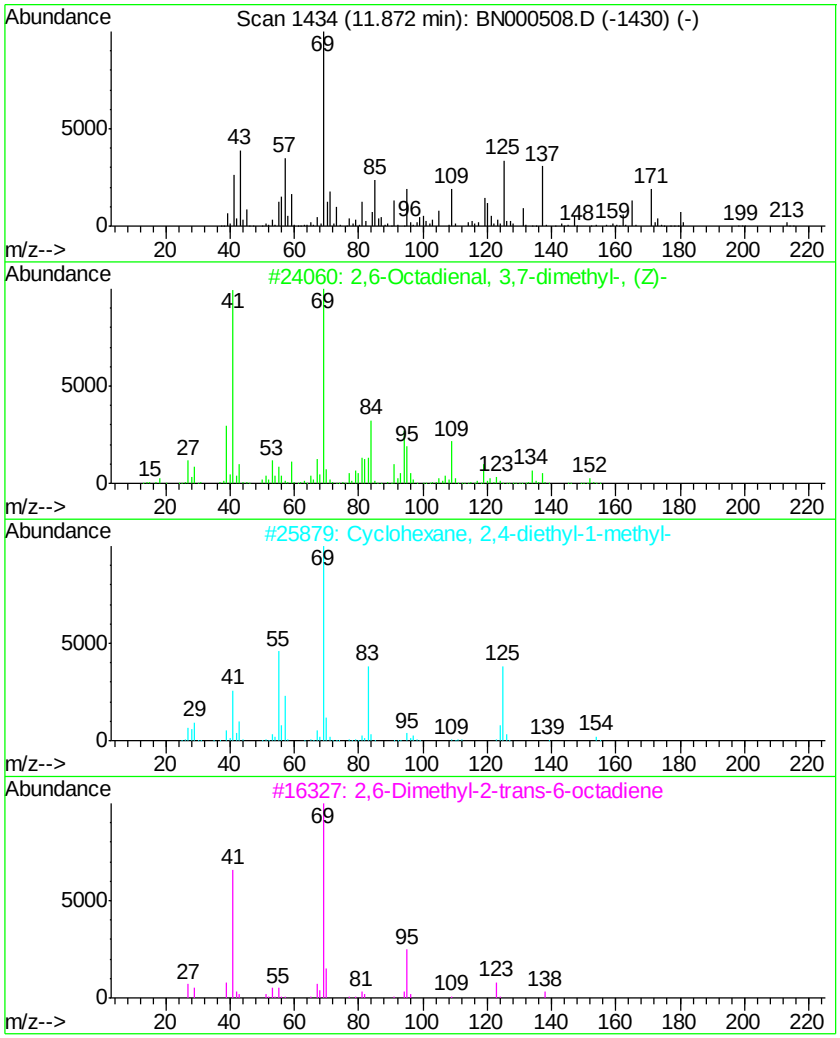
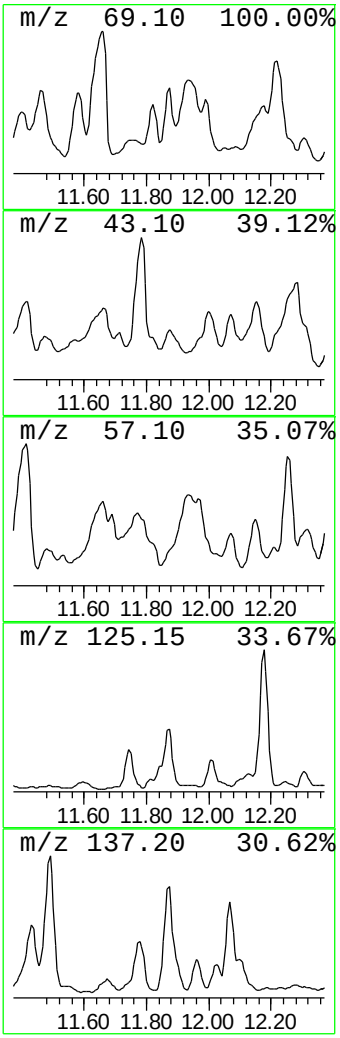
Peak Number 47 unknown-06 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.70 ng/ul	5811630	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadienal, 3,7-dimethyl-, (Z)-	152	C10H16O	000106-26-3	37
2	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	35
3	2,6-Dimethyl-2-trans-6-octadiene	138	C10H18	002609-23-6	27
4	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	27
5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	17





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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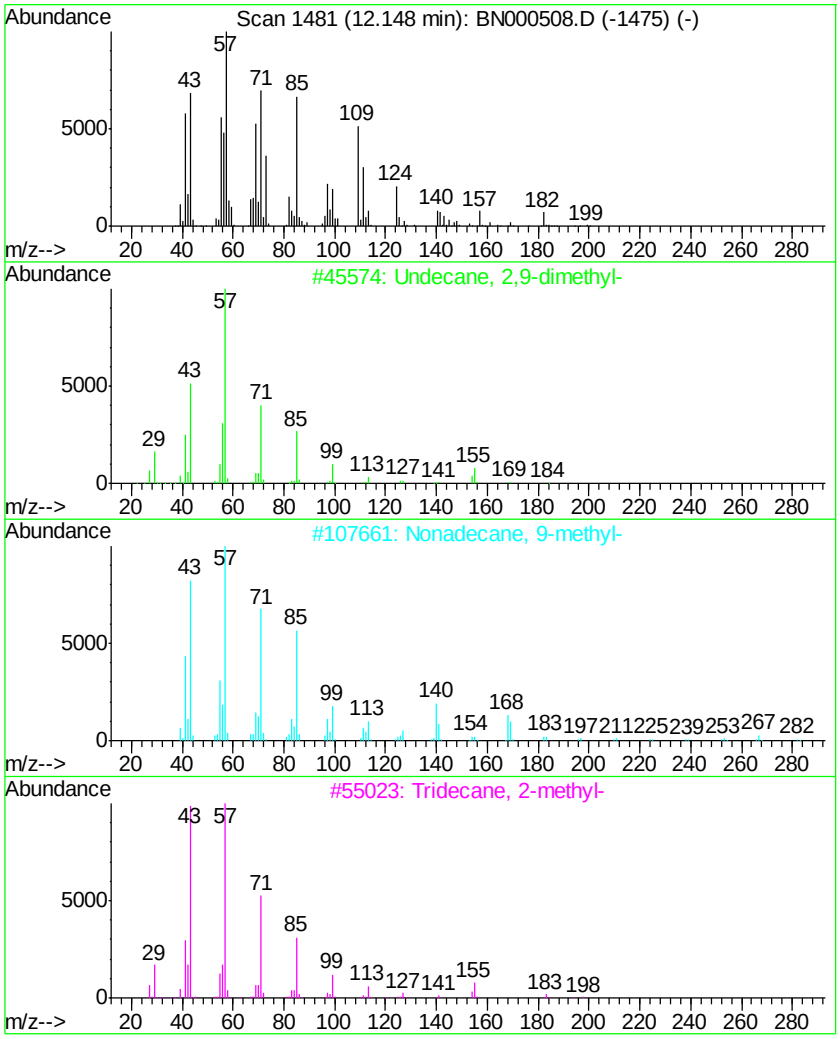
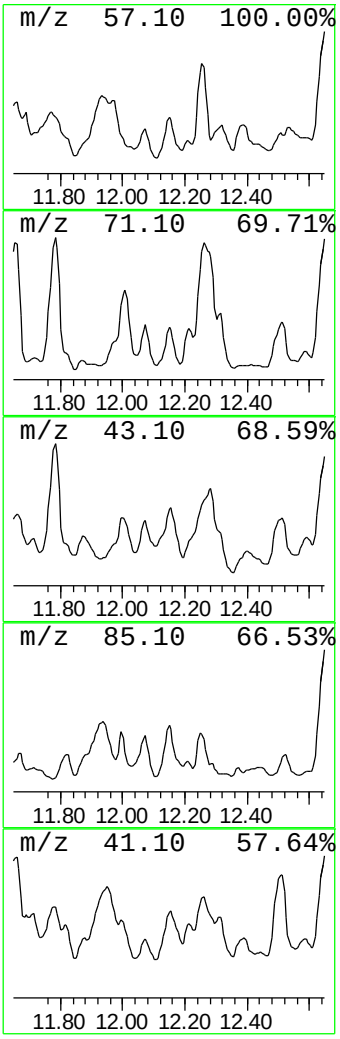
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	13.74 ng/ul	11927400	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	30
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	25
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	22
4	p-Fluoroethylbenzene	124	C8H9F	000459-47-2	22
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	22





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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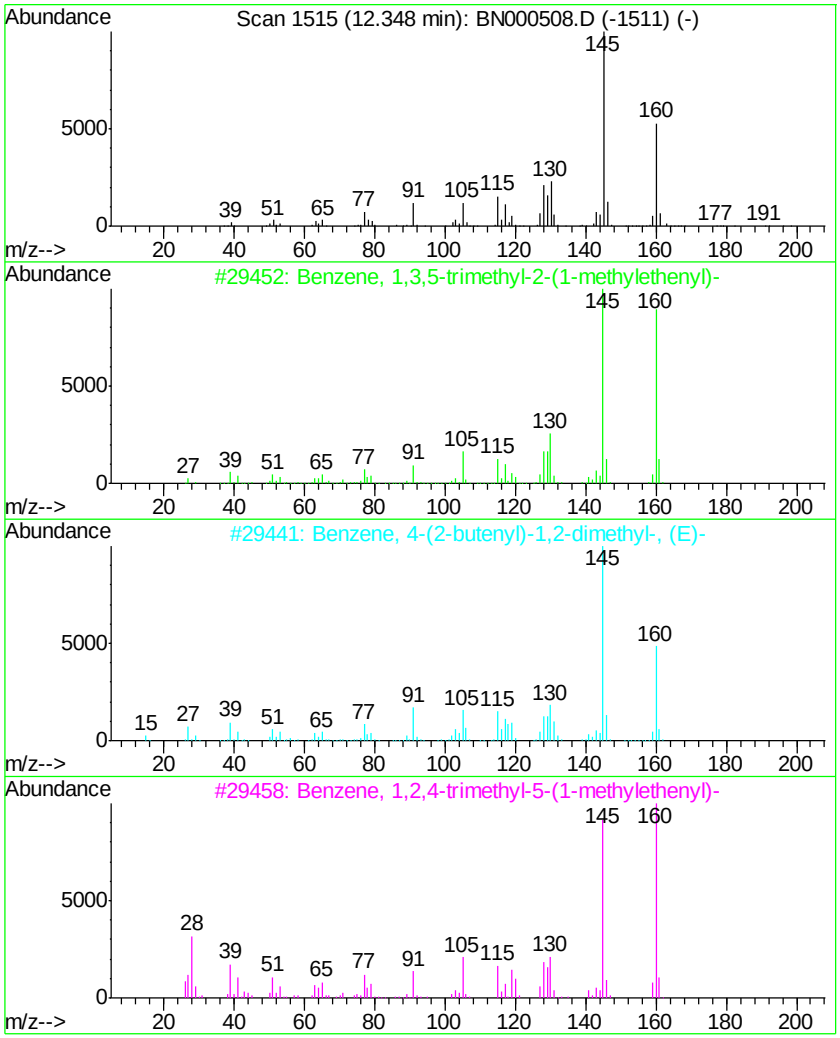
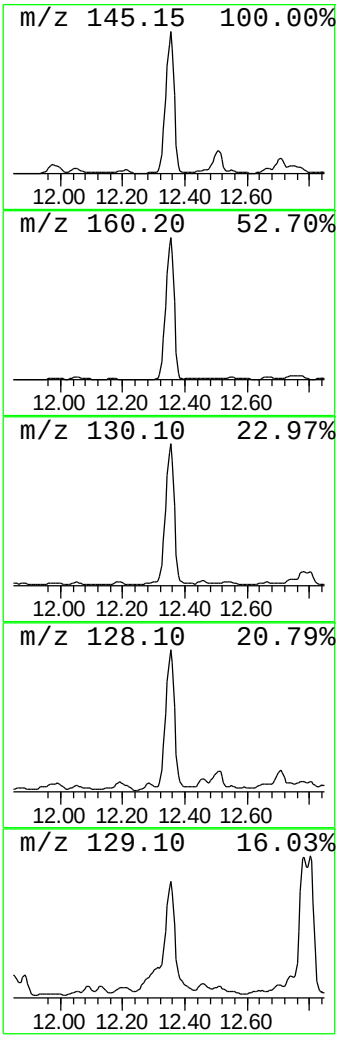
Peak Number 49 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	24.66 ng/ul	21398900	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	97
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	94
3	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94





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Quant Title : SVOA CALIBRATION

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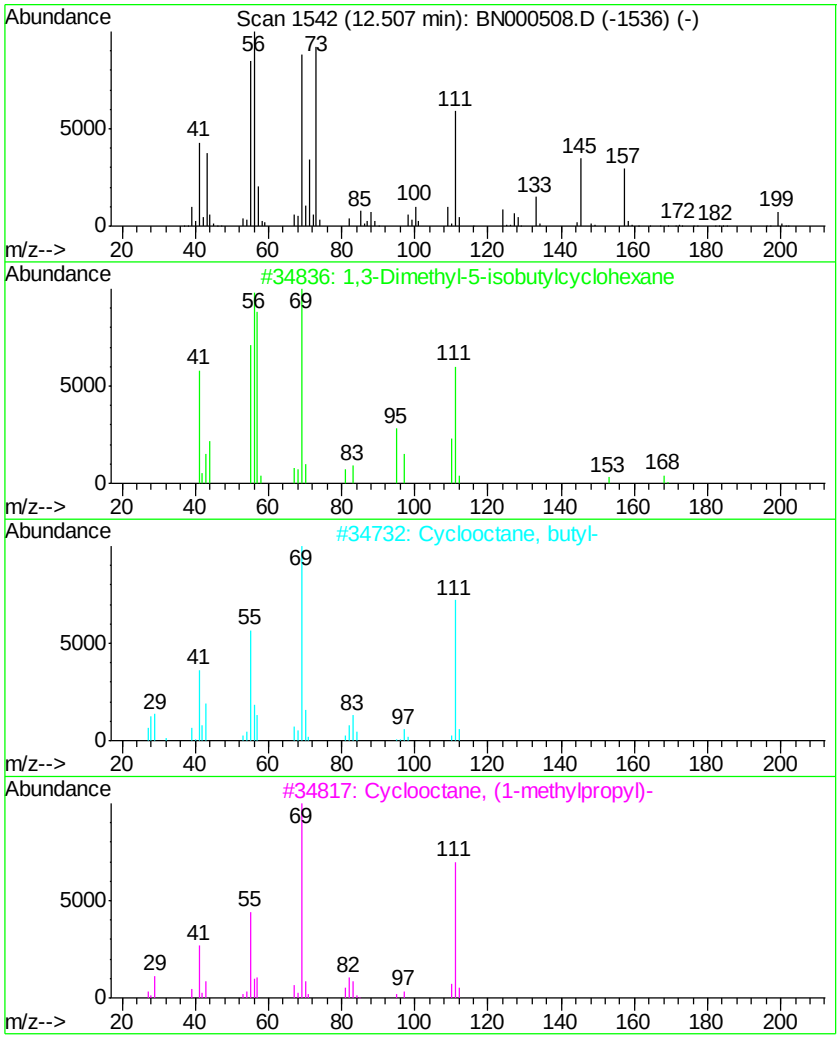
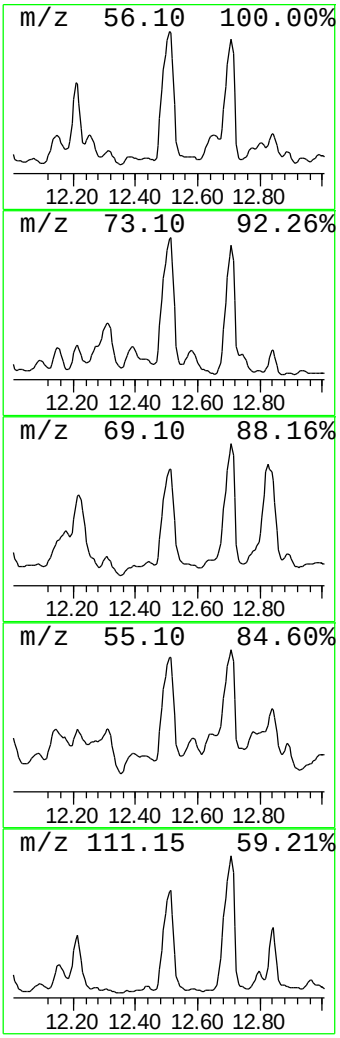
Peak Number 50 (DEL) Alkane: Cyclic12.51 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	20.92 ng/ul	18154900	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-isobutylcyclohexane	168	C12H24	013131-76-5	40
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	38
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	27
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	27
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	22





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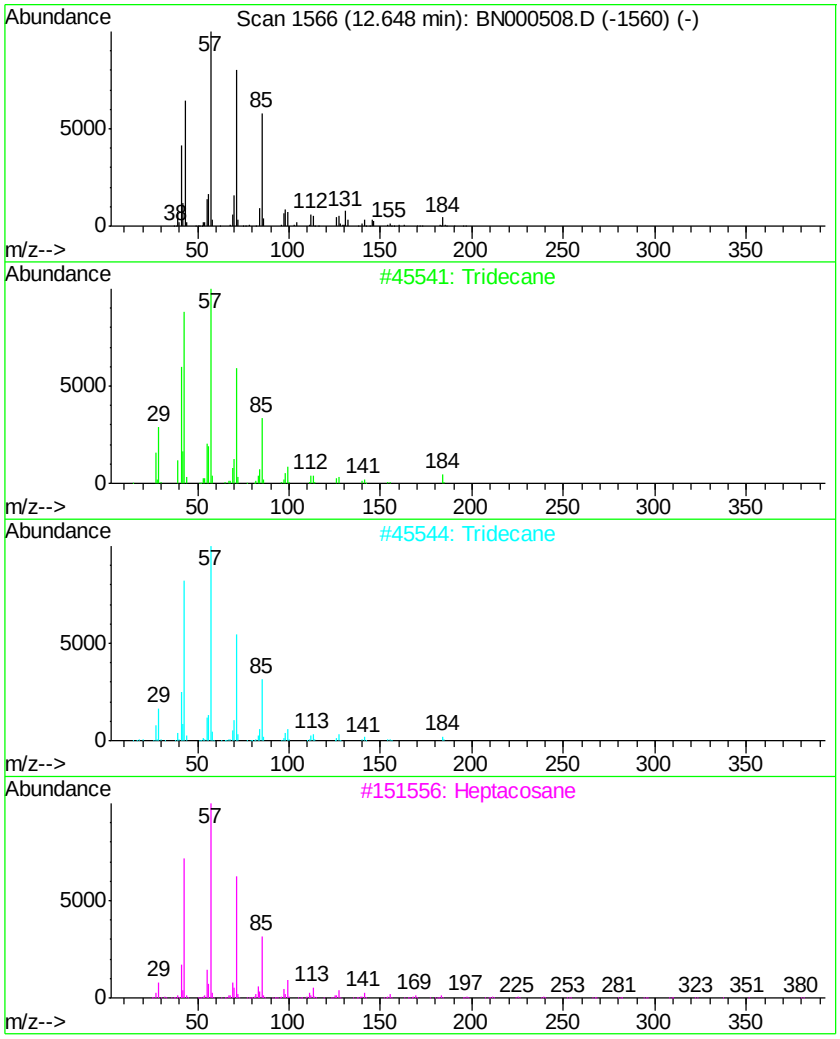
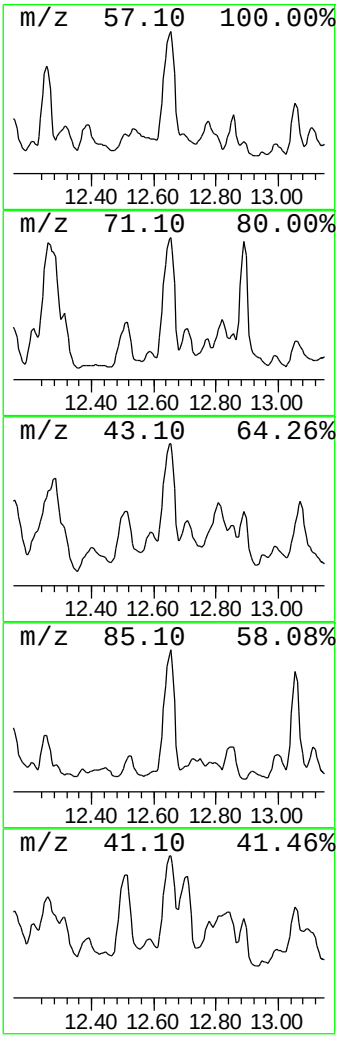
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	15.46 ng/ul	13417600	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Tridecane	184	C13H28	000629-50-5	81
3	Heptacosane	380	C27H56	000593-49-7	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Tridecane	184	C13H28	000629-50-5	72





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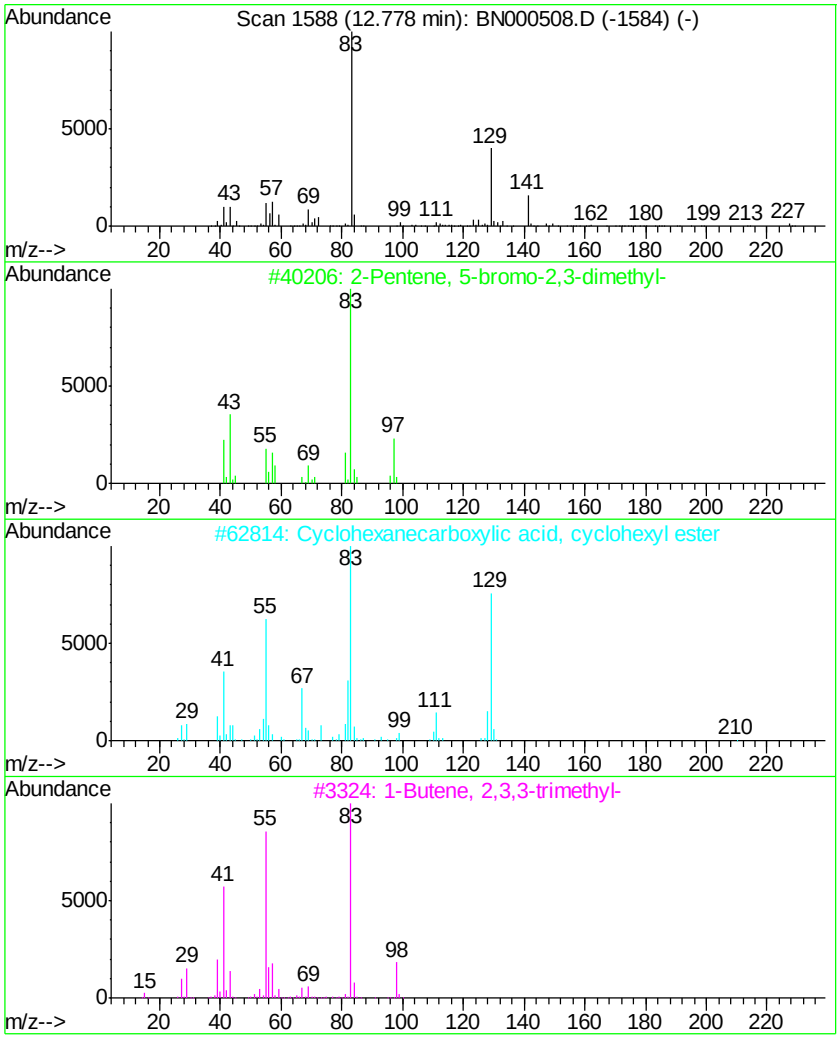
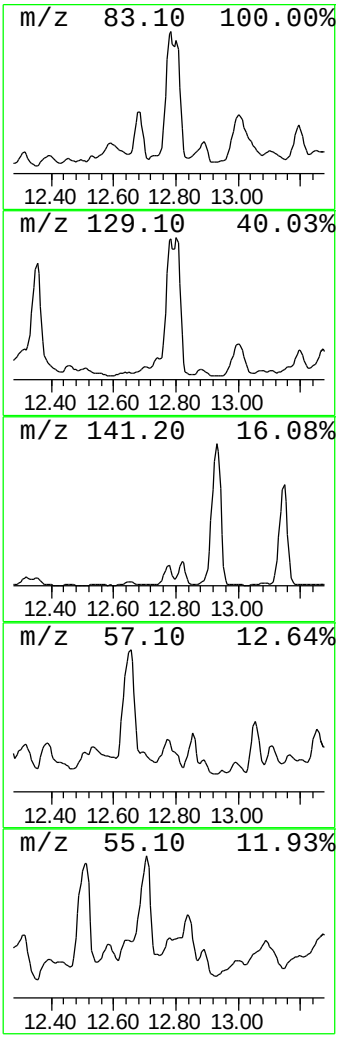
Peak Number 52 unknown-07 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	6.31 ng/ul	5476470	Naphthalene-d8	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 5-bromo-2,3-dimethyl-	176	C7H13Br	056312-52-8	43
2	Cyclohexanecarboxylic acid, cycl...	210	C13H22O2	015840-96-7	38
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	28
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	25
5	2,2-Dimethyl-4-octenal	154	C10H18O	030390-60-4	25





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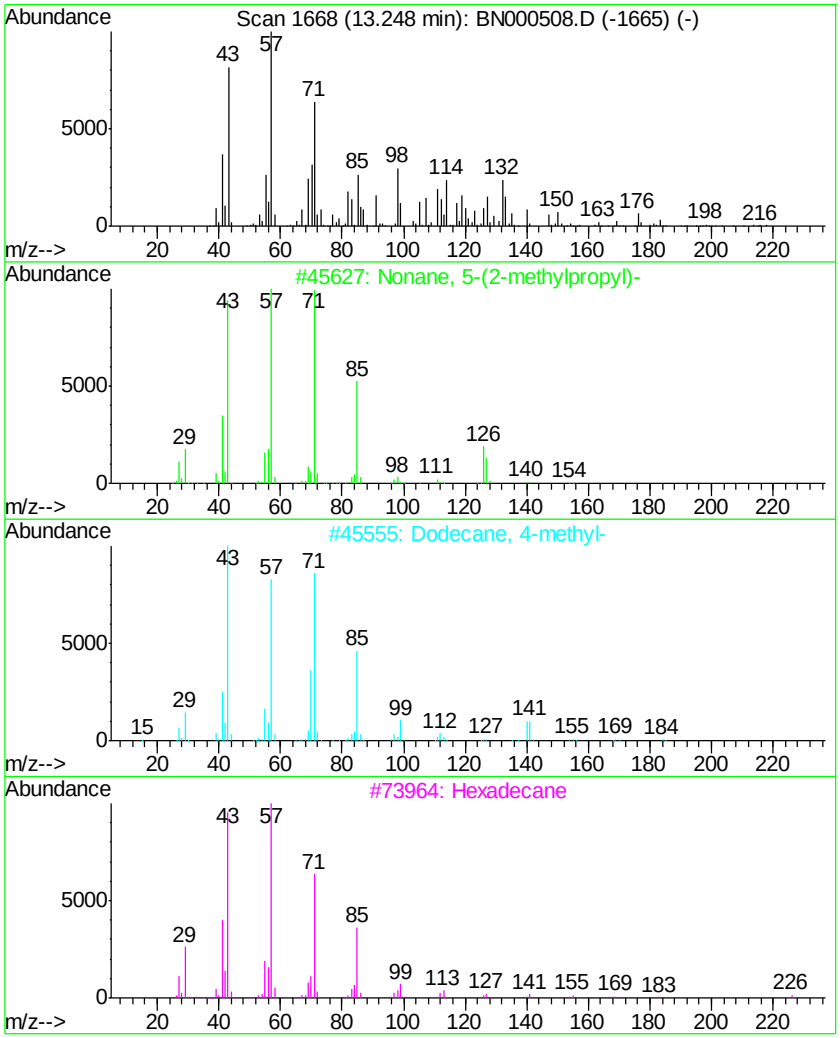
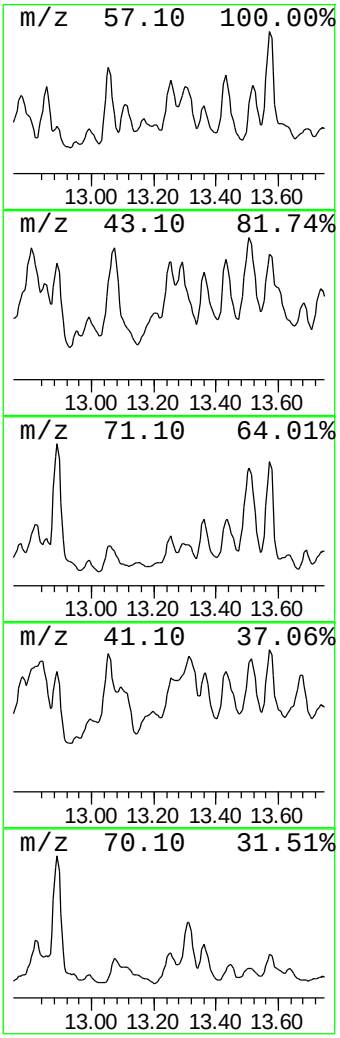
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	10.82 ng/ul	8272260	Acenaphthene-d10	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	27
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	25
3	Hexadecane	226	C16H34	000544-76-3	22
4	Tridecane	184	C13H28	000629-50-5	22
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	22





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Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

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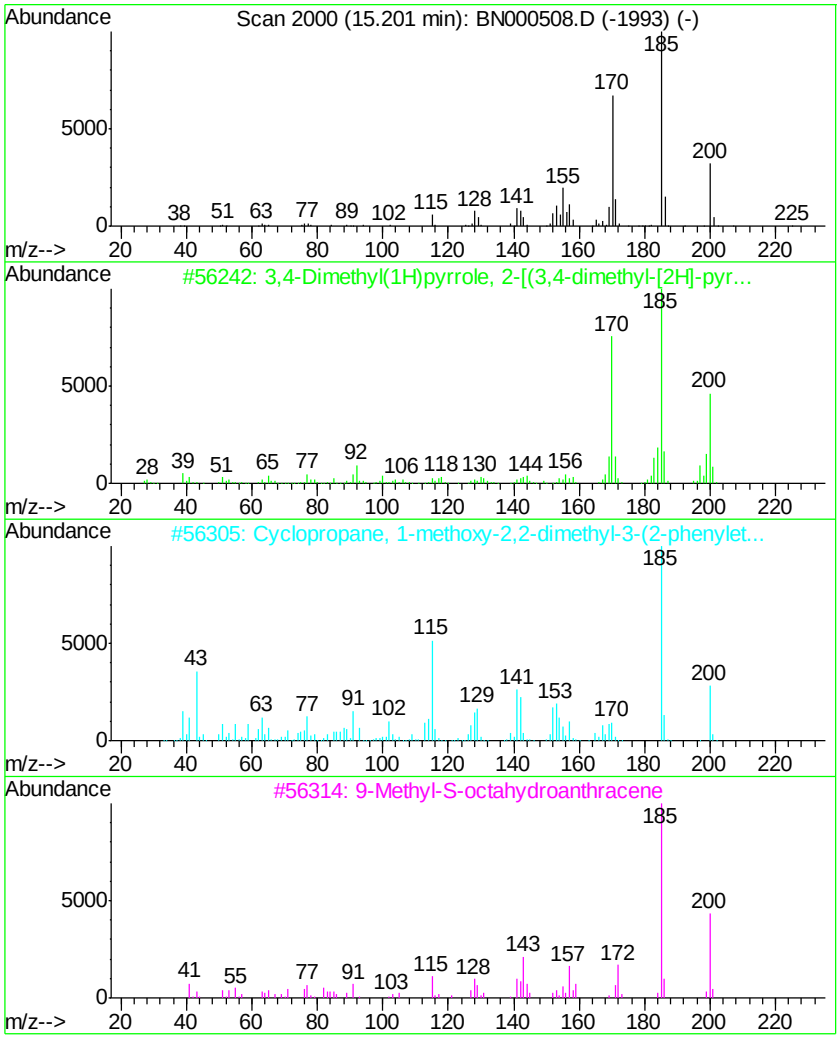
Quant Title : SVOA CALIBRATION

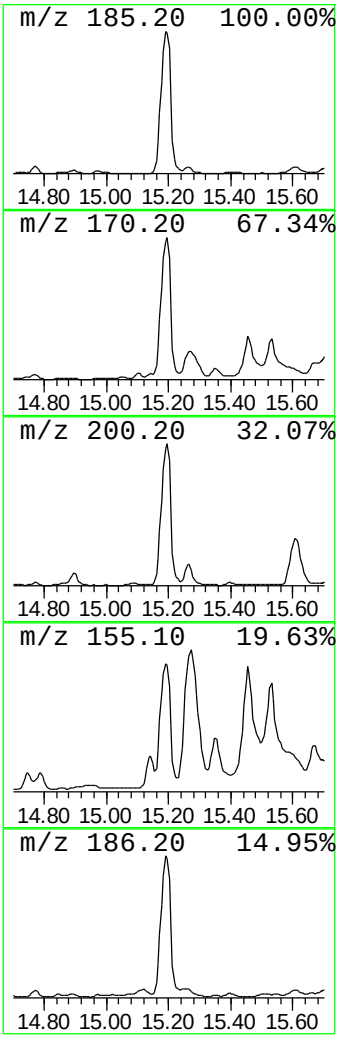
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	20.00 ng/ul	15293000	Acenaphthene-d10	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	72
2	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	58
3	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	53
4	4'-(1-Pyrrolyl)acetophenone	185	C12H11NO	022106-37-2	52
5	Ethanone, 1-(6-methoxy-1-naphtha...	200	C13H12O2	058149-89-6	47





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Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

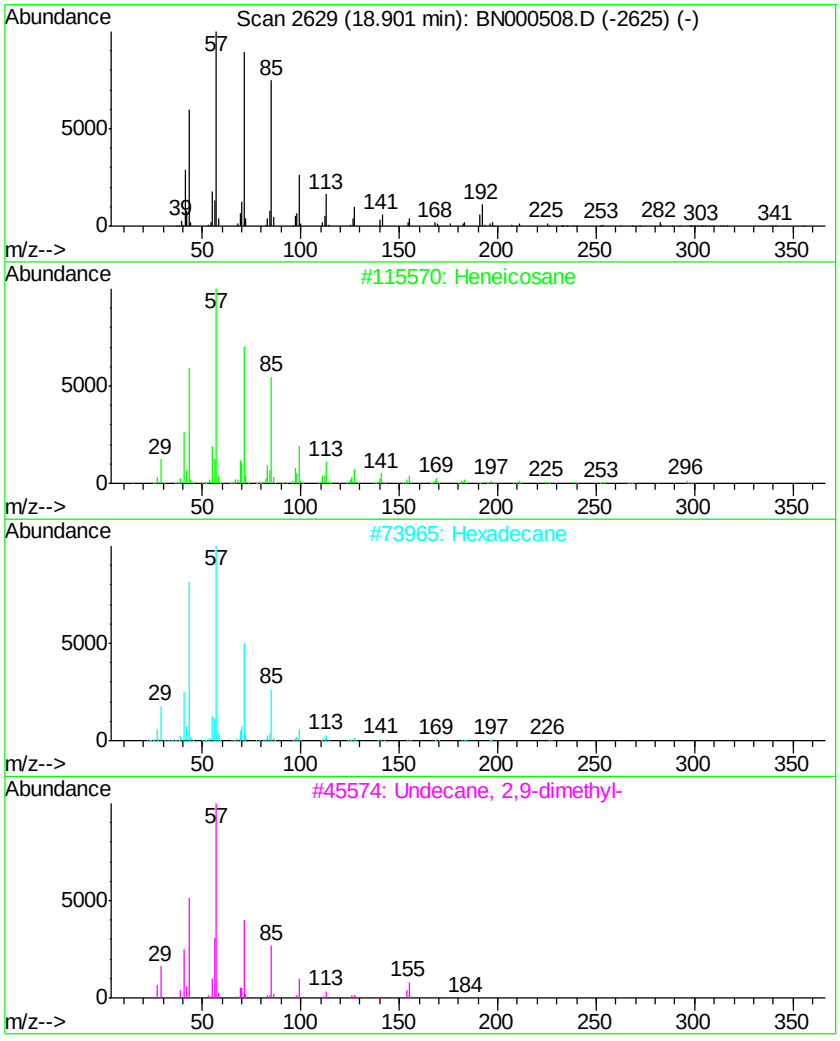
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

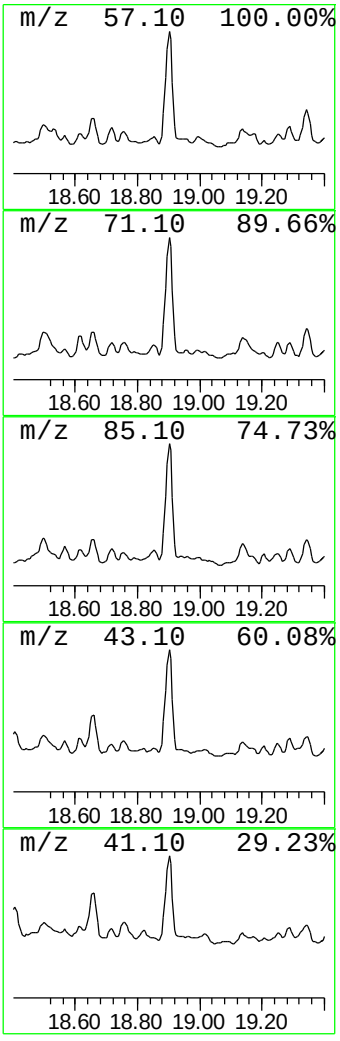
****

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	24.43 ng/ul	7529020	Phenanthrene-d10	17.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
4	Eicosane	282	C20H42	000112-95-8	72
5	Nonadecane	268	C19H40	000629-92-5	58





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

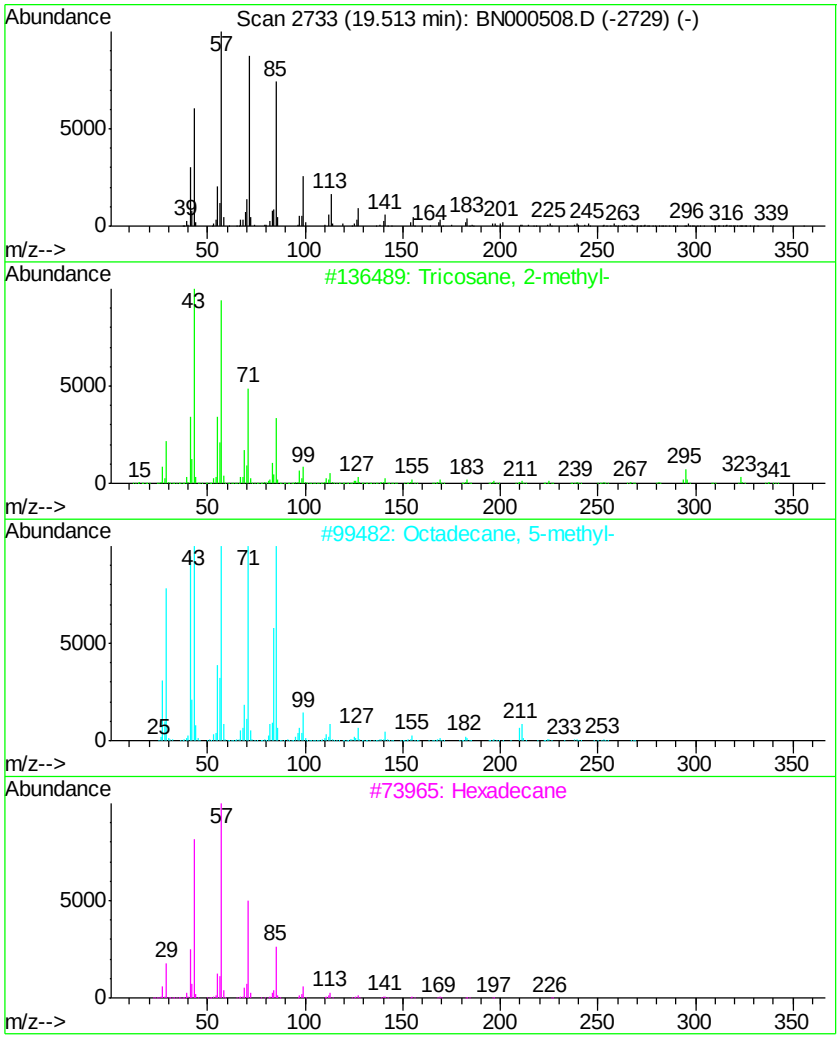
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

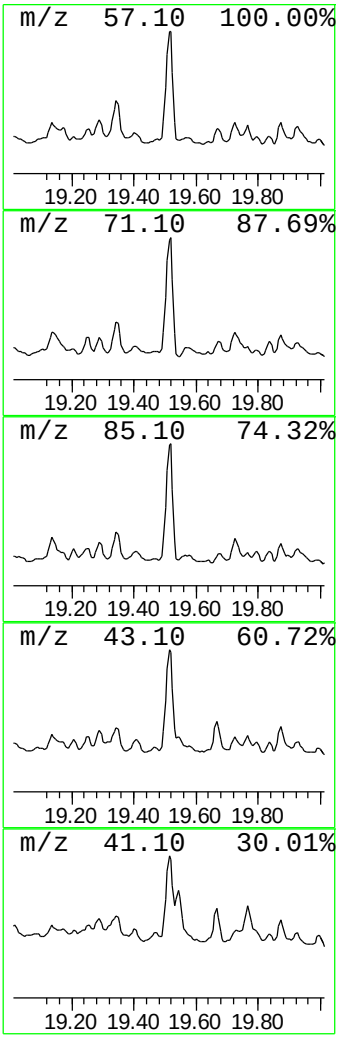
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	24.55 ng/ul	7564150	Phenanthrene-d10	17.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
2	Octadecane, 5-methyl-	268	C19H40	025117-35-5	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	86
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	81





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Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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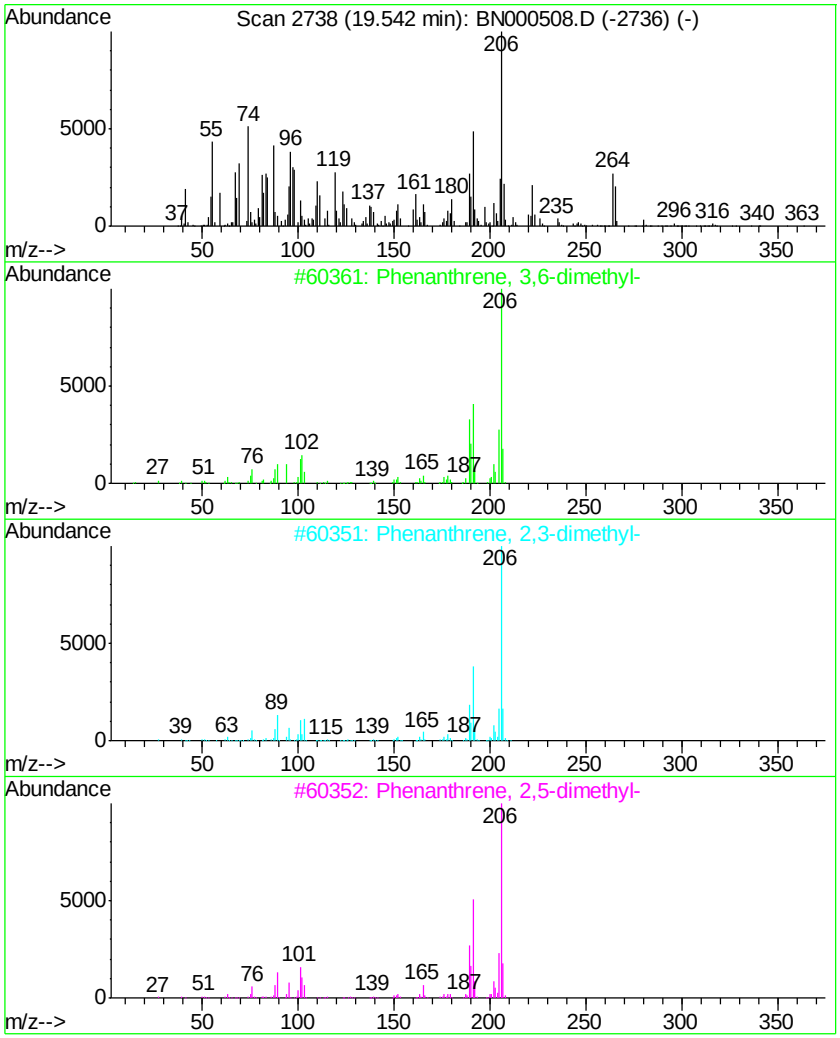
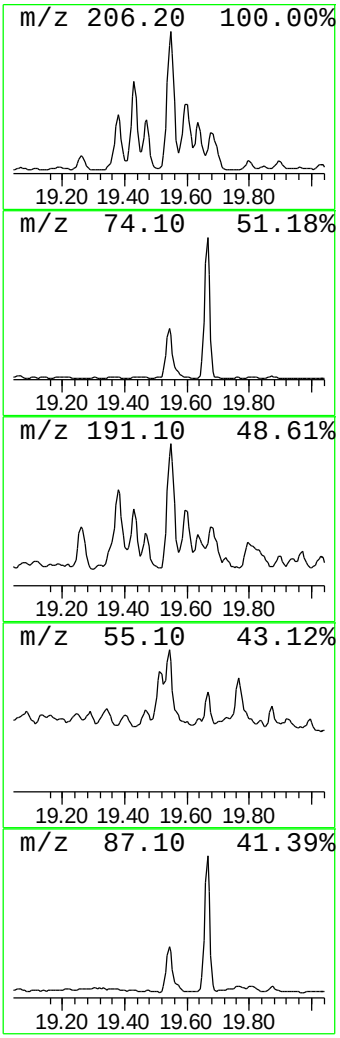
Peak Number 57 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	30.71 ng/ul	9462570	Phenanthrene-d10	17.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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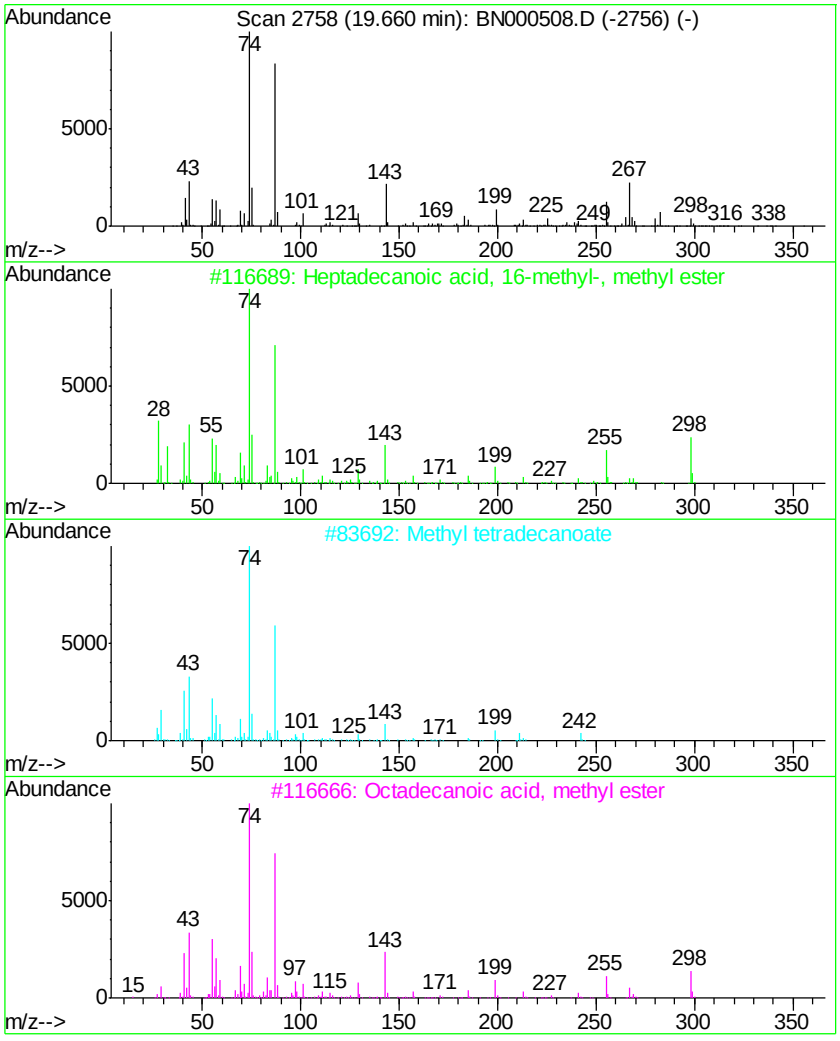
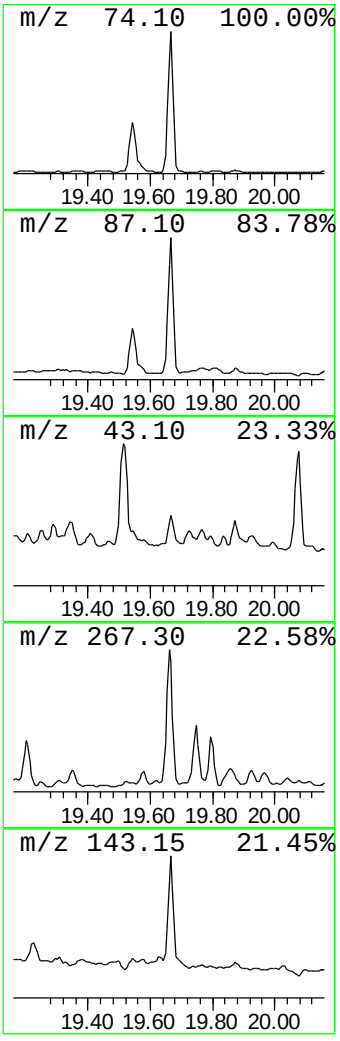
Peak Number 58 Heptadecanoic acid, 16-meth... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	14.95 ng/ul	4606830	Phenanthrene-d10	17.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	83
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	76
3	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	72
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	62
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	53





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

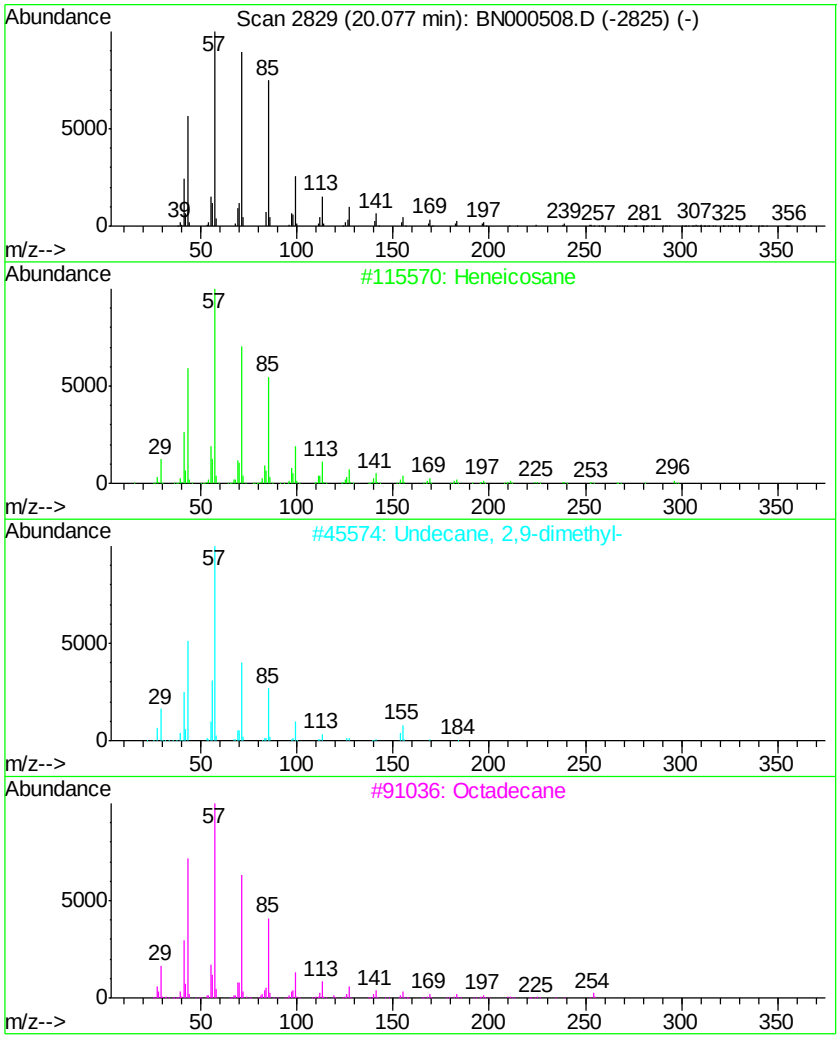
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

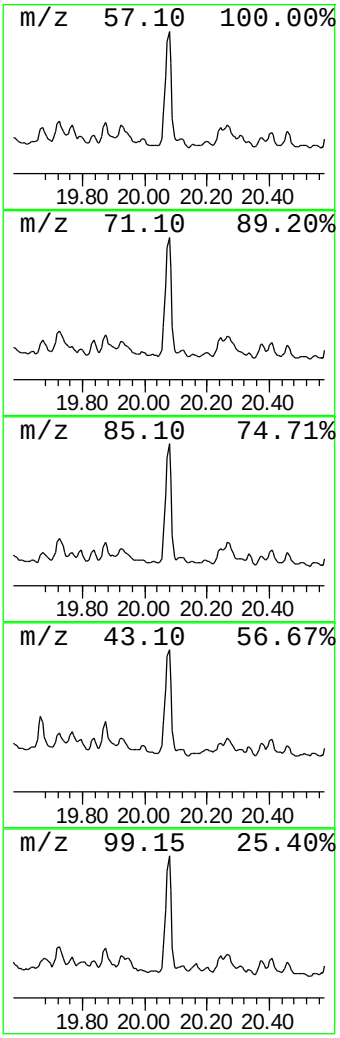
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	17.61 ng/ul	6492720	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	87
3	Octadecane	254	C18H38	000593-45-3	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Octadecane	254	C18H38	000593-45-3	64





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Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

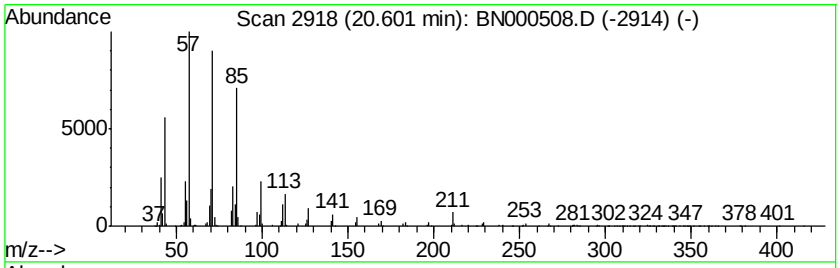
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

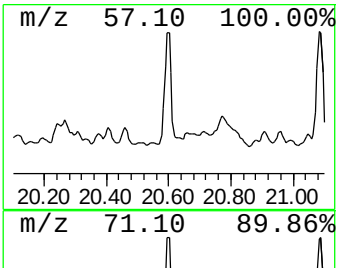
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	15.20 ng/ul	5602940	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Boric acid, ethyl-, didecyl ester	354	C22H47BO2	1000152-34-4	68
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
5	Octadecane	254	C18H38	000593-45-3	64





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Misc :
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Instrument : BNA_N
ClientSampleId : DAM47

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Quant Title : SVOA CALIBRATION

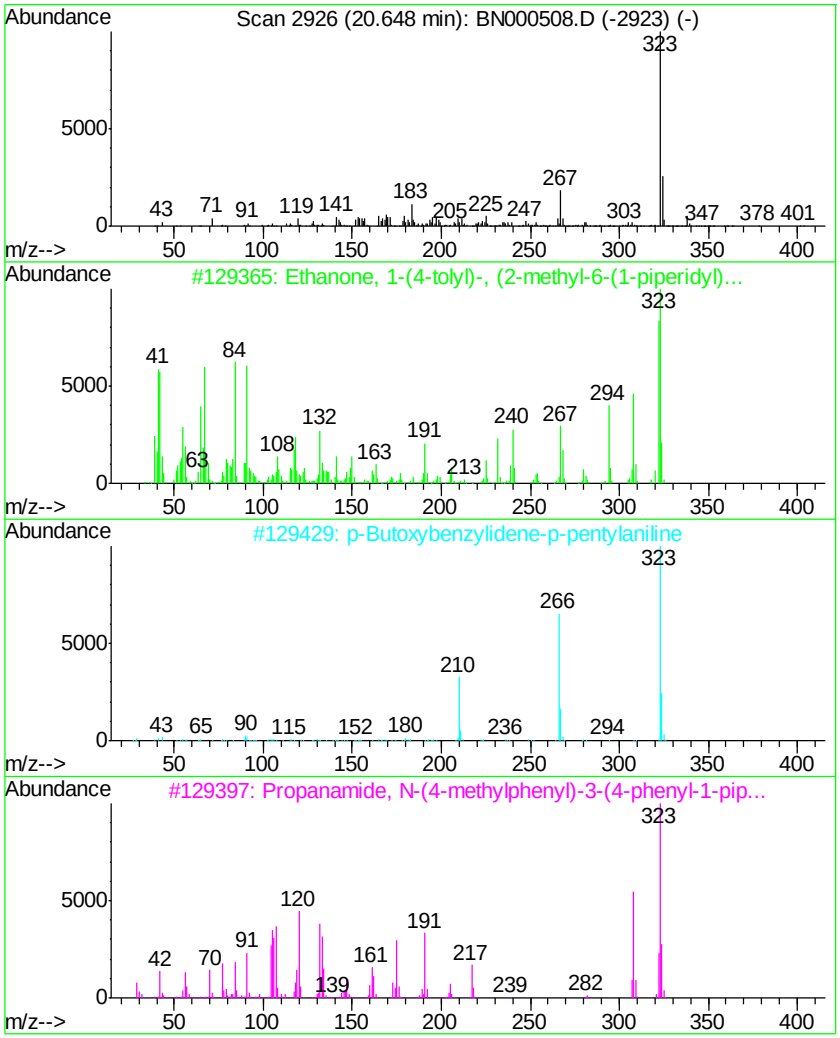
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

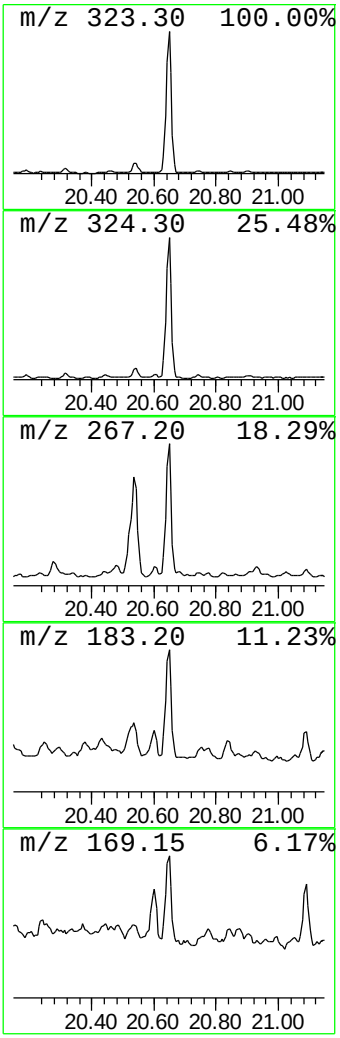
****

Peak Number 61 Ethanone, 1-(4-tolyl)-, (2-... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	5.99 ng/ul	2206690	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-tolyl)-, (2-methy...	323	C19H25N5	341938-82-7	98
2	p-Butoxybenzylidene-p-pentylaniline	323	C22H29NO	039777-05-4	72
3	Propanamide, N-(4-methylphenyl)-...	323	C20H25N3O	339158-61-1	70
4	Ethene, 1-anthracen-9-yl)-2-(4-d...	323	C24H21N	060949-20-4	64
5	Indole-3-carboxylic acid, 5-meth...	323	C20H21NO3	300860-29-1	53





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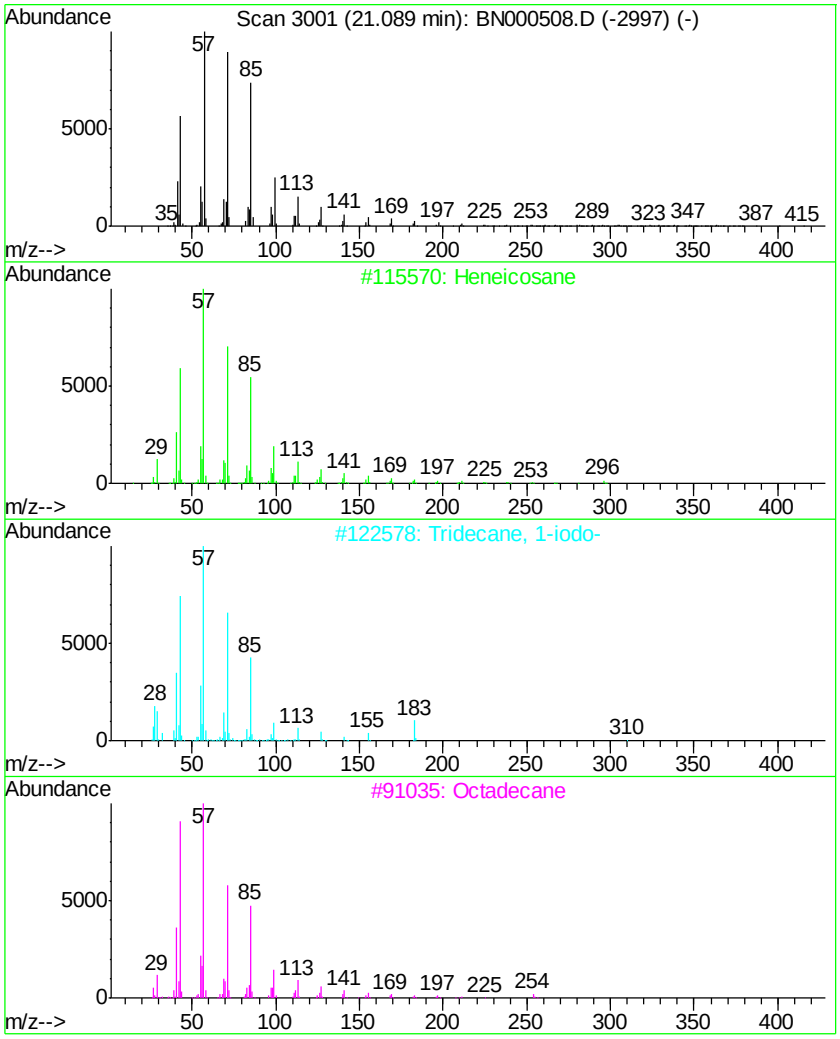
Quant Title : SVOA CALIBRATION

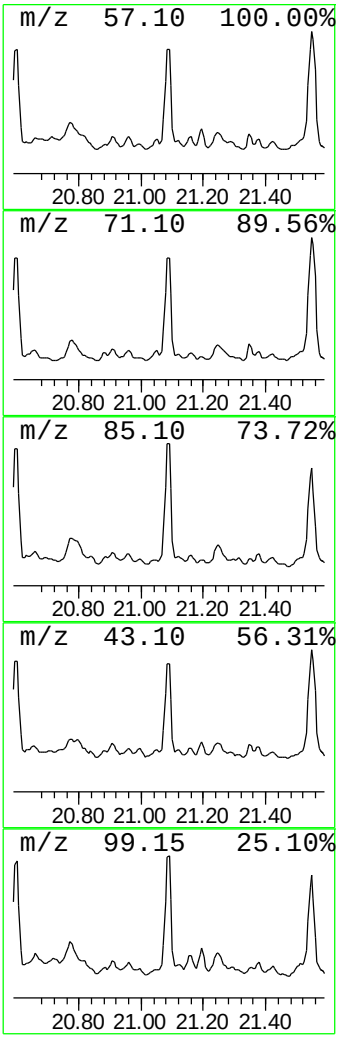
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	13.72 ng/ul	5058400	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	83





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Instrument : BNA_N
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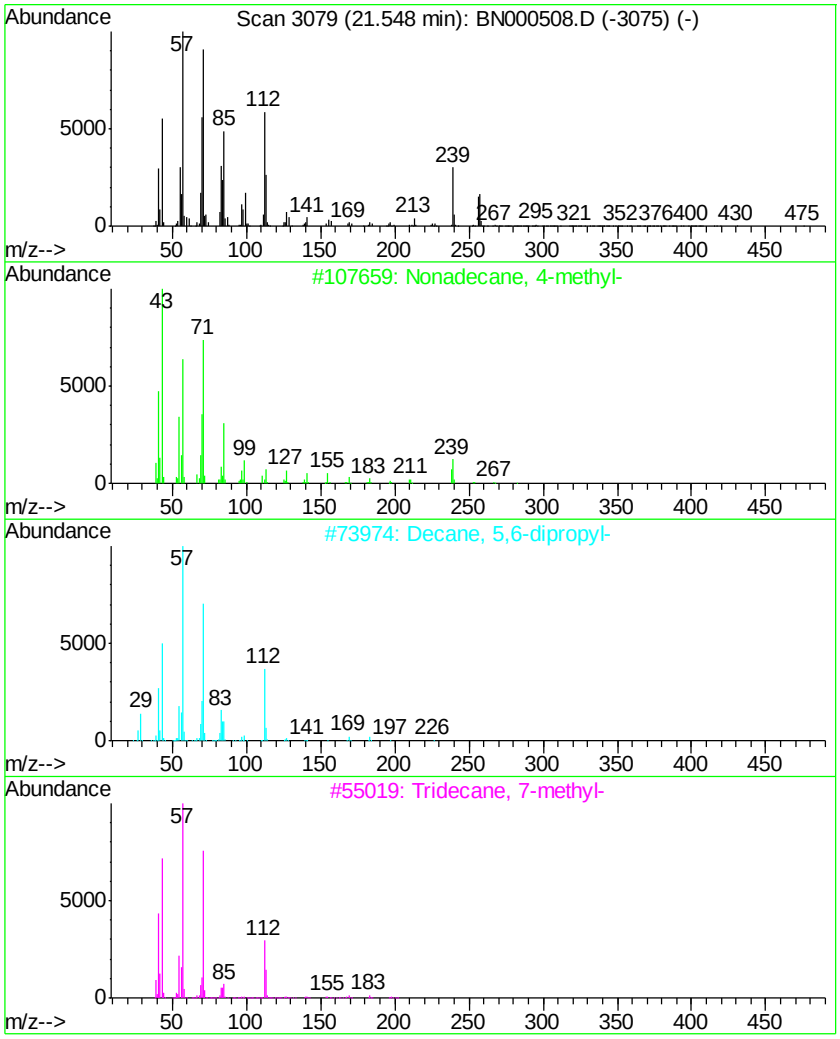
Quant Title : SVOA CALIBRATION

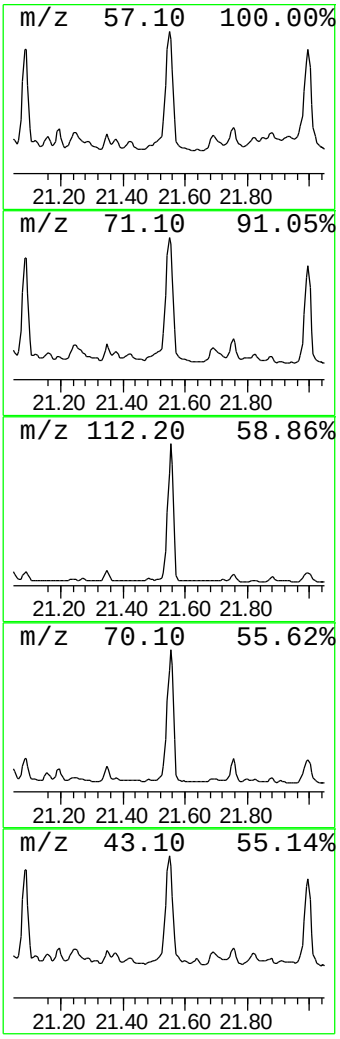
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	34.52 ng/ul	12725400	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	46
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	43
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	38
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	27
5	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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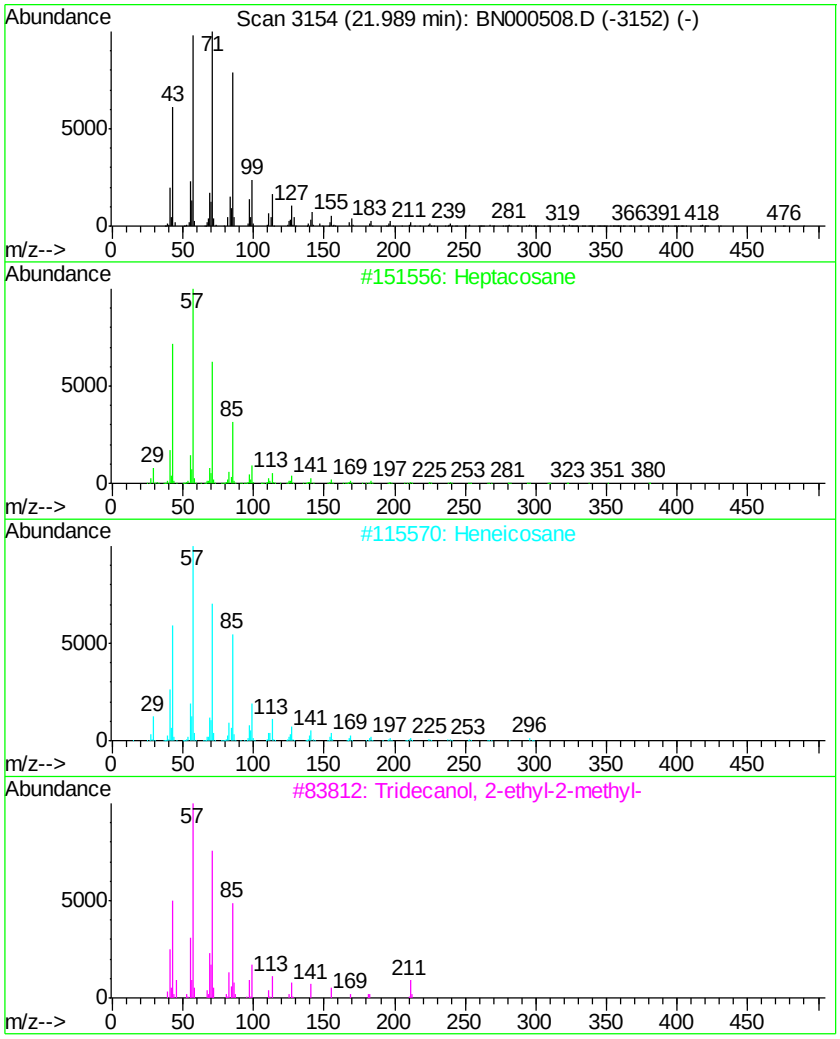
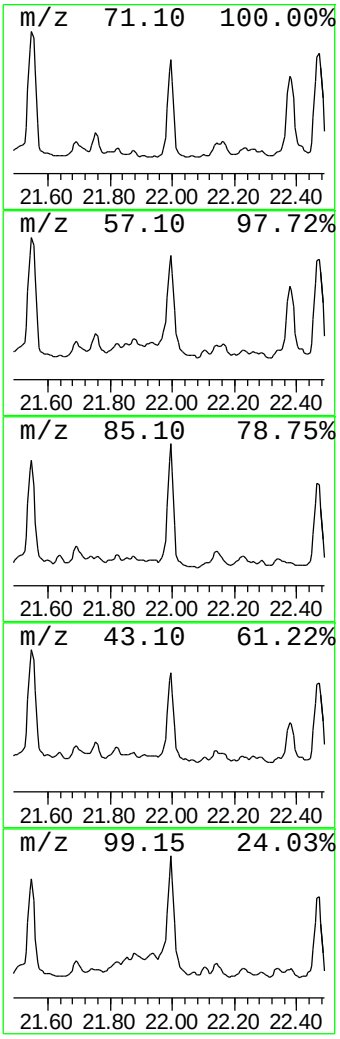
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	20.00 ng/ul	7371960	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
4	Pentacosane	352	C25H52	000629-99-2	86
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	83





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

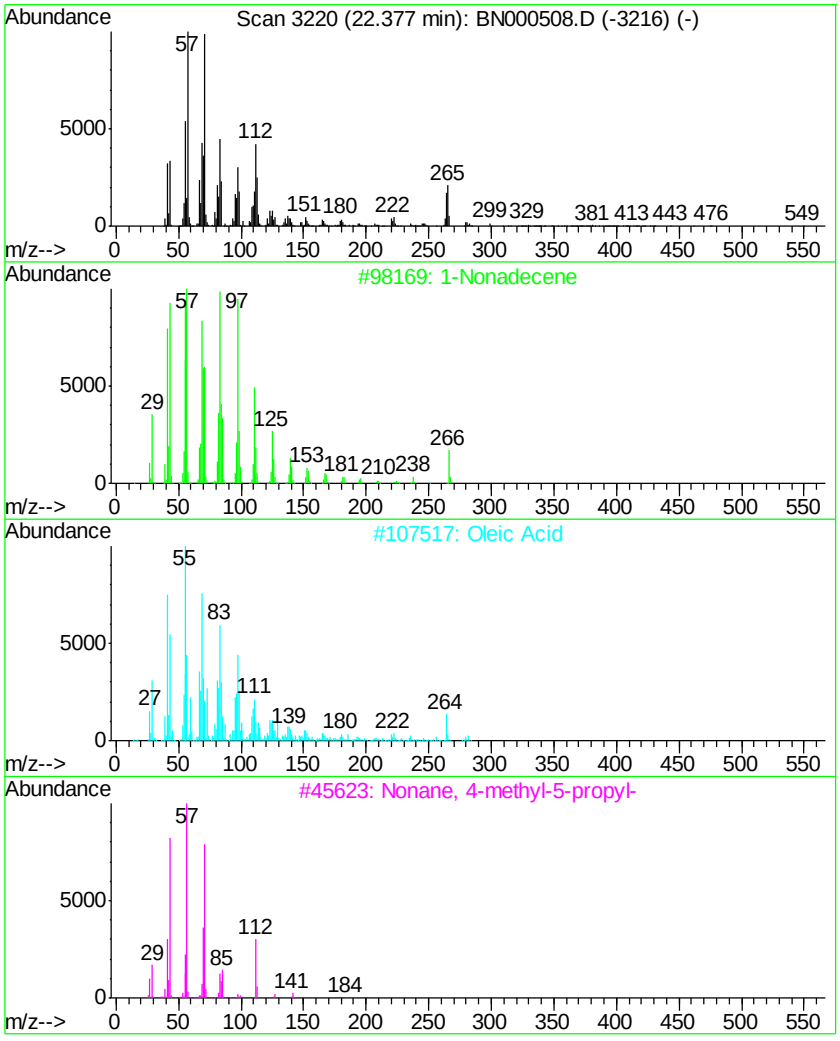
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

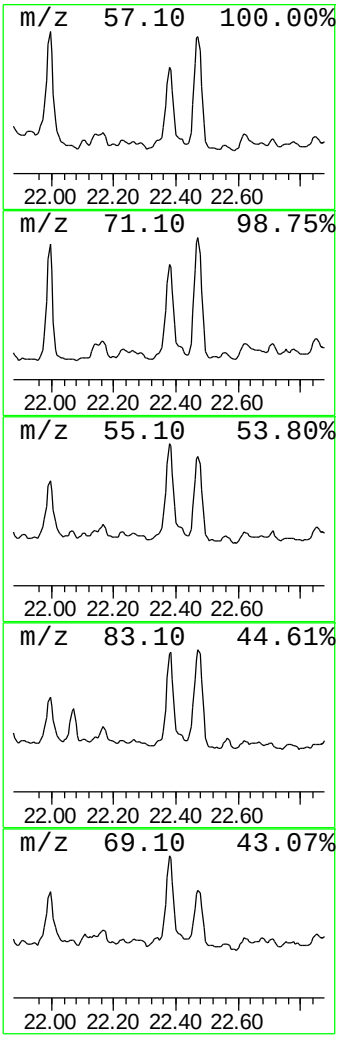
****

Peak Number 65 (DEL) Alkane: Cyclic22.38 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	20.92 ng/ul	7712770	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	55
2	Oleic Acid	282	C18H34O2	000112-80-1	53
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	43
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	43
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	38





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Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

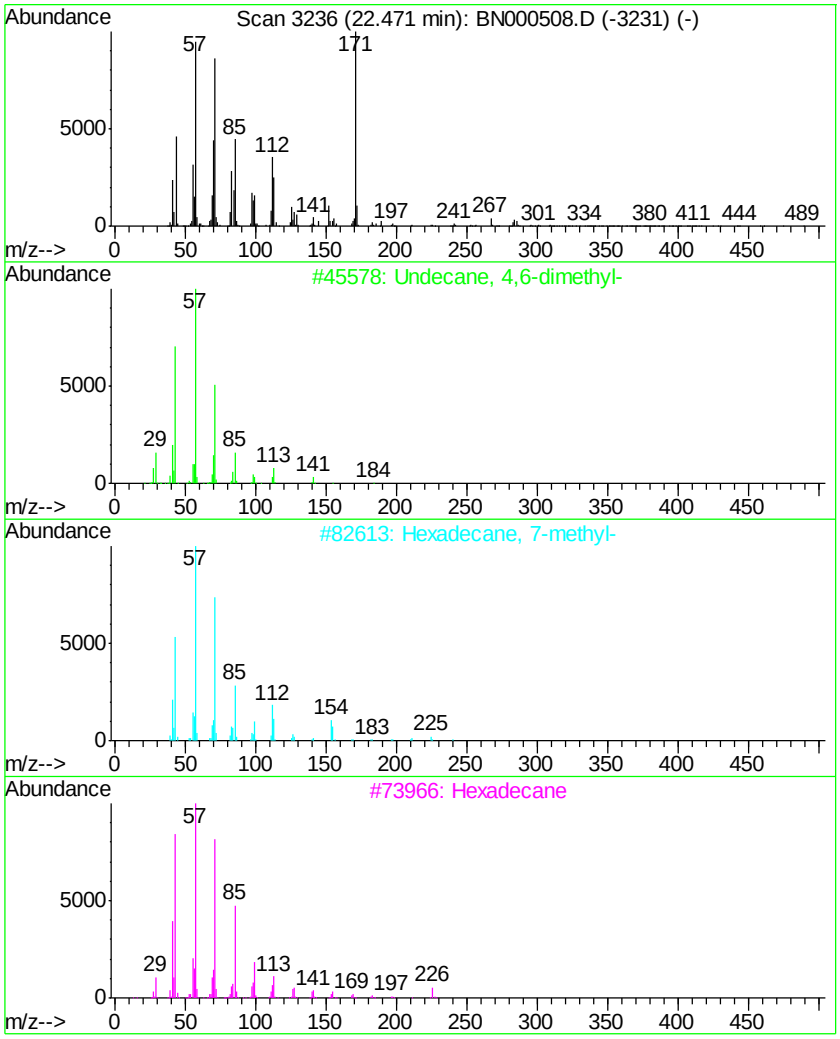
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

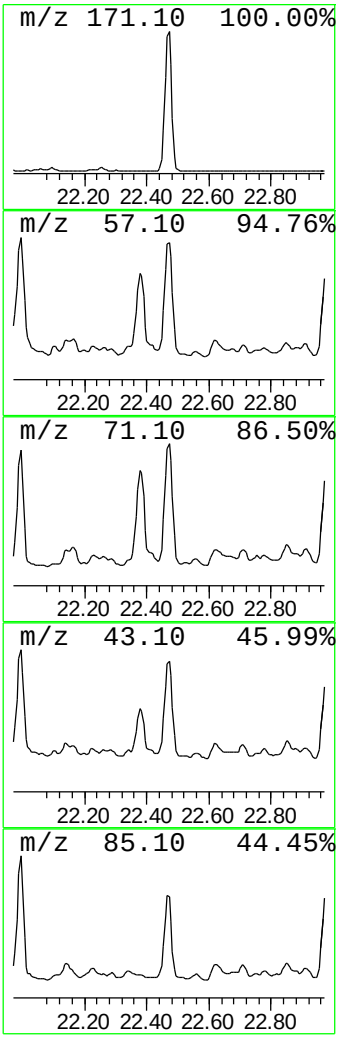
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	33.69 ng/ul	12417600	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	55
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	49
3	Hexadecane	226	C16H34	000544-76-3	38
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
5	Dodecane	170	C12H26	000112-40-3	38





Library Search Compound Report

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Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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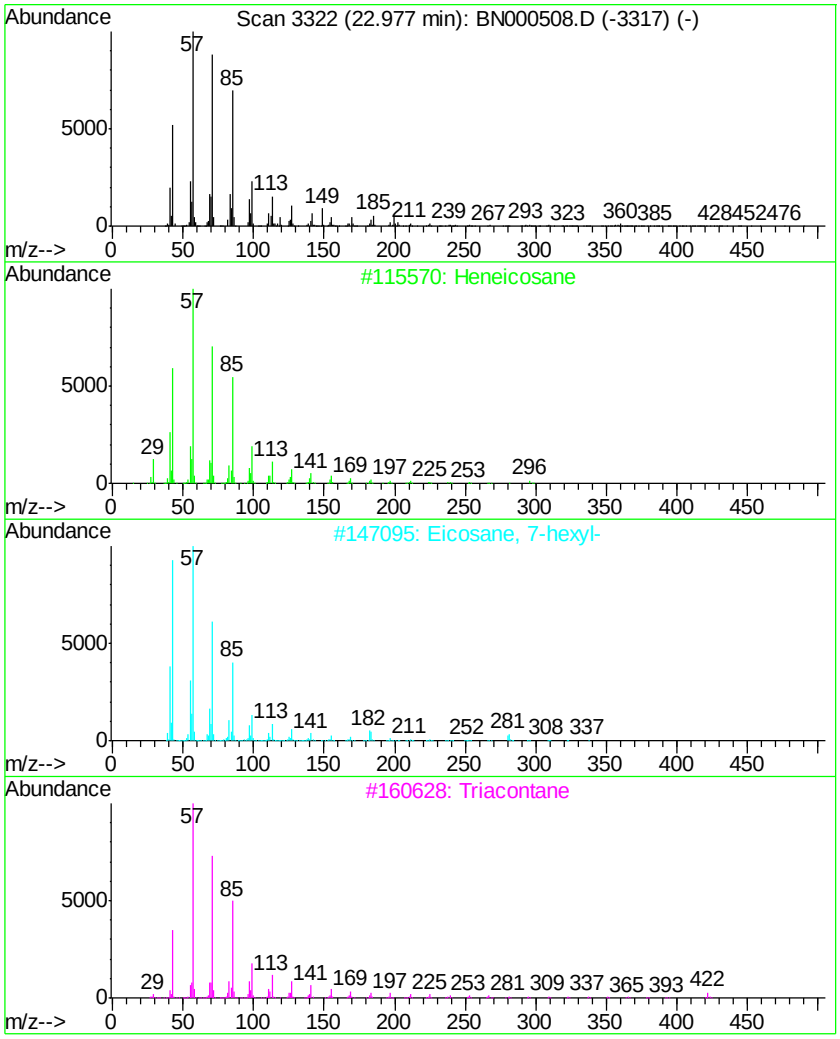
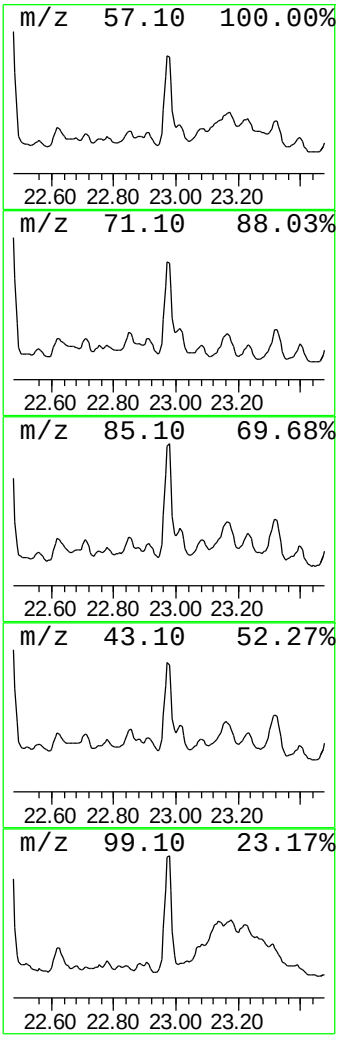
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	15.51 ng/ul	5716030	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Tetratriacontane	479	C34H70	014167-59-0	91





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Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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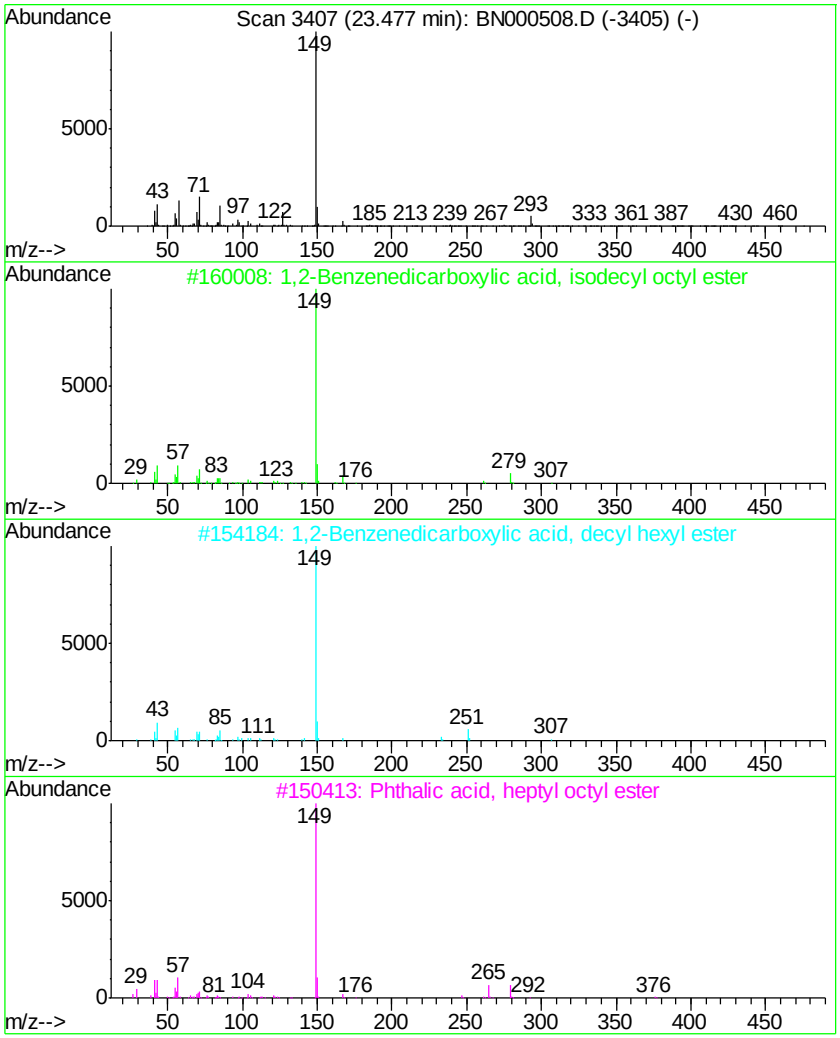
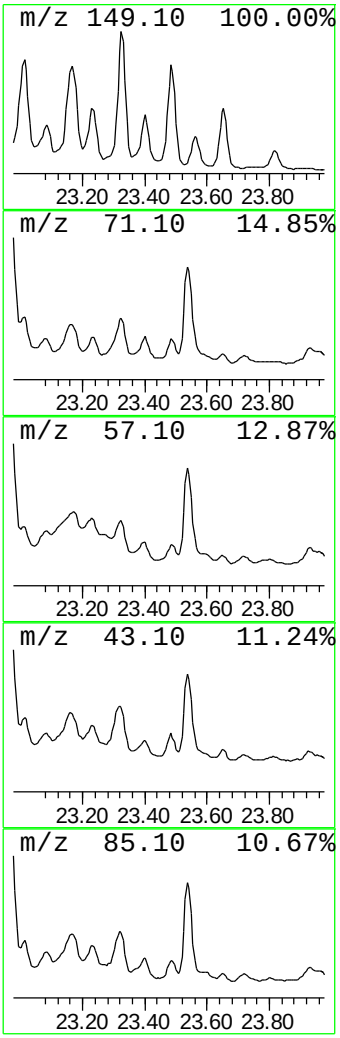
Peak Number 68 1,2-Benzenedicarboxylic aci... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	11.35 ng/ul	1885260	Perylene-d12	24.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	64
2	1,2-Benzenedicarboxylic acid, de...	390	C24H38O4	025724-58-7	64
3	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	59
4	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	53
5	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	42





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Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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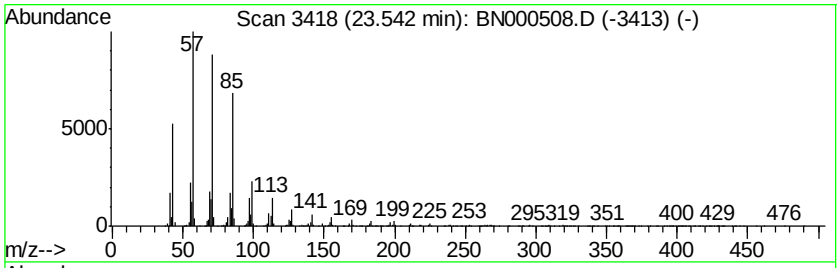
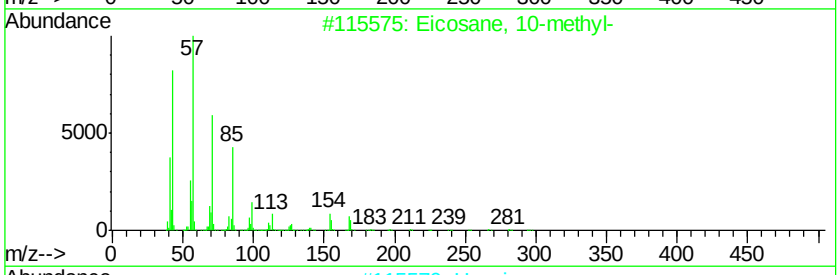
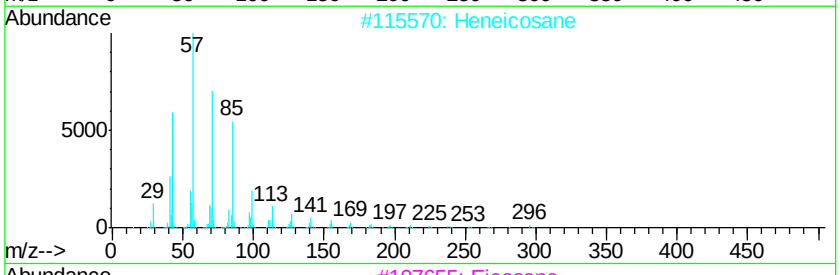
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 8

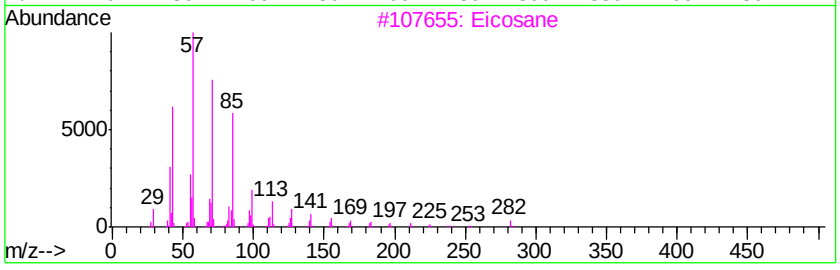
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	35.62 ng/ul	5916940	Perylene-d12	24.38

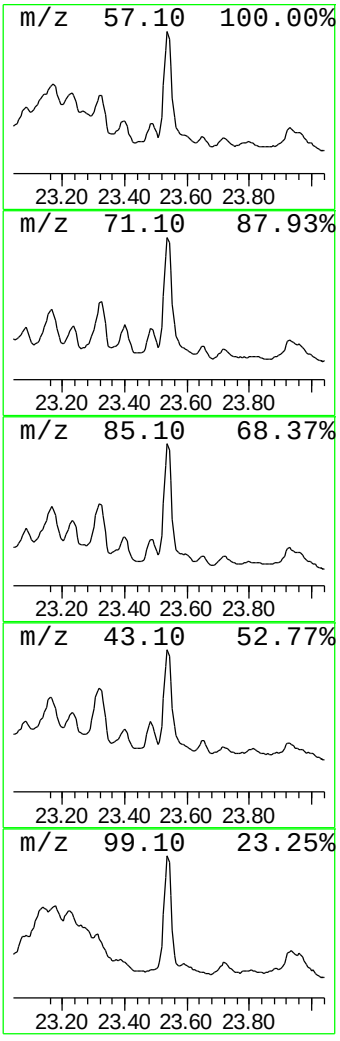
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	90











Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

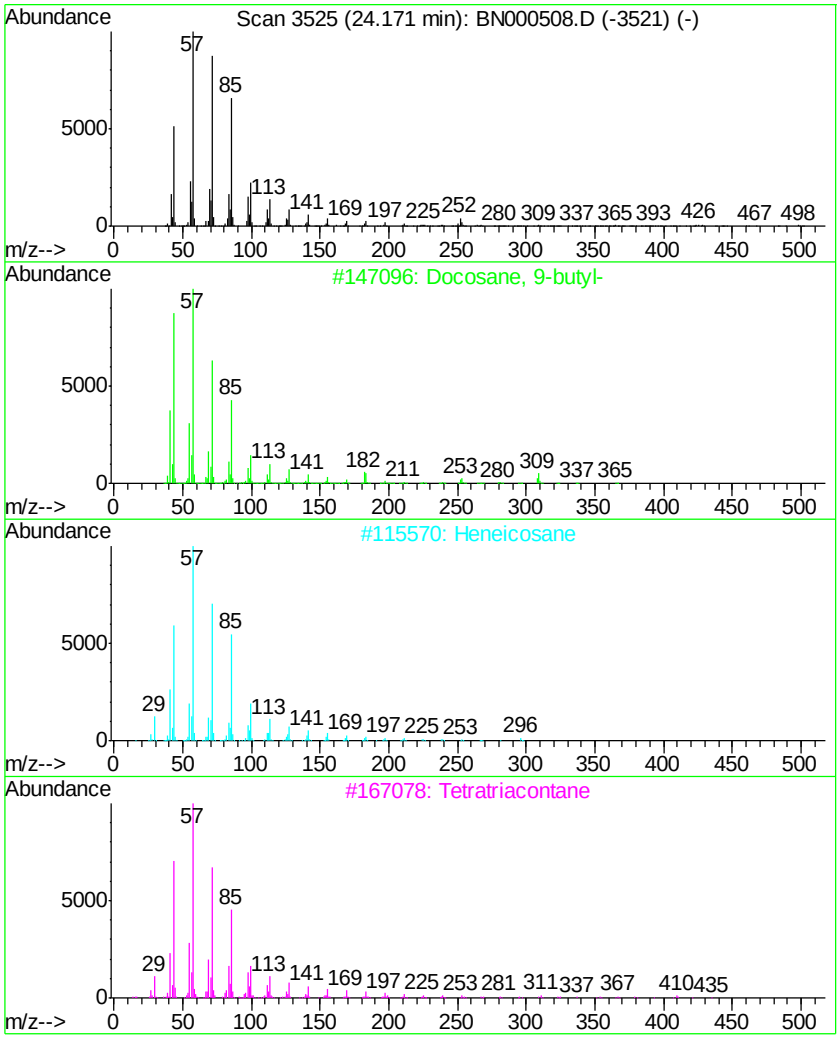
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

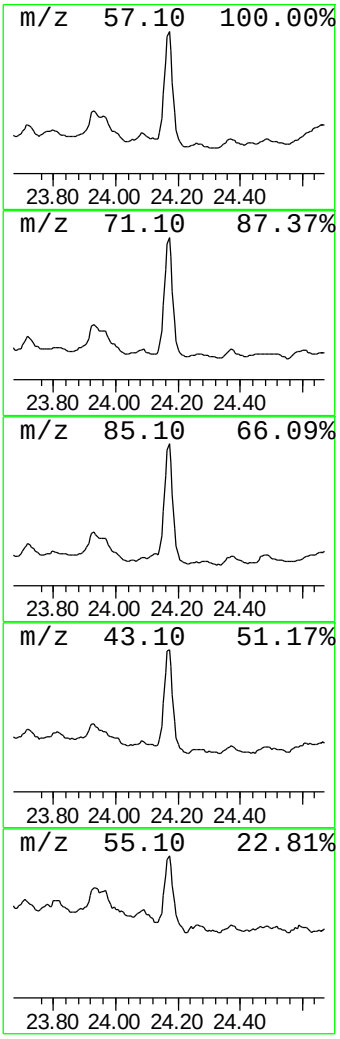
****

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	15.34 ng/ul	2548050	Perylene-d12	24.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratriacontane	479	C34H70	014167-59-0	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032018\
Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
Operator : JU/SJ
Sample : J1905-12
Misc :
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Instrument : BNA_N
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl K...	3.98	2.5	ng/ul	1728420	1	8.44	13539000	20.0
3-Pentanone, 2,4-...	4.71	7.1	ng/ul	4777480	1	8.44	13539000	20.0
3-Penten-2-one, 4...	4.78	8.2	ng/ul	5543250	1	8.44	13539000	20.0
1-Pentanol, 2-met...	5.29	4.1	ng/ul	2775130	1	8.44	13539000	20.0
1-Butanol, 2-ethyl-	5.45	46.8	ng/ul	31705000	1	8.44	13539000	20.0
(DEL) Alkane: Str...	5.67	2.2	ng/ul	1469460	1	8.44	13539000	20.0
(DEL) Alkane: Str...	5.76	3.0	ng/ul	2023750	1	8.44	13539000	20.0
(DEL) Alkane: Cyc...	5.84	5.9	ng/ul	3996880	1	8.44	13539000	20.0
(DEL) Alkane: Str...	5.91	8.2	ng/ul	5576210	1	8.44	13539000	20.0
3-Heptanone	6.13	3.6	ng/ul	2426870	1	8.44	13539000	20.0
(DEL) Alkane: Cyc...	6.23	10.7	ng/ul	7242900	1	8.44	13539000	20.0
(DEL) Alkane: Str...	6.37	38.0	ng/ul	25716800	1	8.44	13539000	20.0
(DEL) Alkane: Cyc...	6.63	10.5	ng/ul	7120400	1	8.44	13539000	20.0
(DEL) Alkane: Str...	6.75	7.3	ng/ul	4976080	1	8.44	13539000	20.0
(DEL) Alkane: Str...	6.91	82.5	ng/ul	55875600	1	8.44	13539000	20.0
(DEL) Alkane: Cyc...	7.02	20.2	ng/ul	13675100	1	8.44	13539000	20.0
1,1-Hexylenedioxy...	7.13	10.0	ng/ul	6753230	1	8.44	13539000	20.0
(DEL) Alkane: Cyc...	7.21	3.7	ng/ul	2476140	1	8.44	13539000	20.0
(DEL) Alkane: Str...	7.28	9.0	ng/ul	6109900	1	8.44	13539000	20.0
(DEL) Alkane: Str...	7.38	17.3	ng/ul	11734100	1	8.44	13539000	20.0
(DEL) Alkane: Str...	7.44	13.6	ng/ul	9197510	1	8.44	13539000	20.0
Benzene, 1-ethyl-...	7.50	18.7	ng/ul	12634000	1	8.44	13539000	20.0
Benzene, 1-ethyl-...	7.81	31.0	ng/ul	21006200	1	8.44	13539000	20.0
(DEL) Alkane: Str...	8.06	41.3	ng/ul	27948600	1	8.44	13539000	20.0
(DEL) Alkane: Str...	8.33	16.9	ng/ul	11441400	1	8.44	13539000	20.0
1-Hexanol, 2-ethyl-	8.56	89.1	ng/ul	60312100	1	8.44	13539000	20.0
Cyclohexanone, 3,...	8.97	45.5	ng/ul	30817800	1	8.44	13539000	20.0
(DEL) Alkane: Str...	9.03	27.3	ng/ul	18485800	1	8.44	13539000	20.0
Benzene, 2-ethyl-...	9.11	51.0	ng/ul	34521100	1	8.44	13539000	20.0
(DEL) Alkane: Str...	9.21	16.9	ng/ul	11428900	1	8.44	13539000	20.0
Benzene, 1-methyl...	9.27	21.6	ng/ul	14590500	1	8.44	13539000	20.0
Benzene, 1-methyl...	9.57	13.4	ng/ul	9100930	1	8.44	13539000	20.0
unknown-01	9.82	26.4	ng/ul	17905800	1	8.44	13539000	20.0
unknown-02	9.91	22.6	ng/ul	19637900	2	11.29	17357300	20.0
unknown-03	10.00	8.8	ng/ul	7652480	2	11.29	17357300	20.0
(DEL) Alkane: Cyc...	10.09	17.5	ng/ul	15176800	2	11.29	17357300	20.0
Benzene, 1,2,4,5-...	10.16	11.5	ng/ul	9992210	2	11.29	17357300	20.0
(DEL) Alkane: Str...	10.67	19.1	ng/ul	16621800	2	11.29	17357300	20.0
Benzene, 1-methyl...	10.73	4.4	ng/ul	3799810	2	11.29	17357300	20.0
unknown-04	11.47	17.6	ng/ul	15284200	2	11.29	17357300	20.0
(DEL) Alkane: Cyc...	11.58	18.5	ng/ul	16018100	2	11.29	17357300	20.0
unknown-05	11.66	20.4	ng/ul	17679700	2	11.29	17357300	20.0
(DEL) Alkane: Cyc...	11.78	8.8	ng/ul	7610270	2	11.29	17357300	20.0
unknown-06	11.87	6.7	ng/ul	5811630	2	11.29	17357300	20.0
(DEL) Alkane: Str...	12.15	13.7	ng/ul	11927400	2	11.29	17357300	20.0
Benzene, 1,3,5-tr...	12.35	24.7	ng/ul	21398900	2	11.29	17357300	20.0
(DEL) Alkane: Cyc...	12.51	20.9	ng/ul	18154900	2	11.29	17357300	20.0
(DEL) Alkane: Str...	12.65	15.5	ng/ul	13417600	2	11.29	17357300	20.0
unknown-07	12.78	6.3	ng/ul	5476470	2	11.29	17357300	20.0

(DEL) Alkane: Str...	13.25	10.8	ng/ul	8272260	3	15.07	15293000	20.0
3,4-Dimethyl(1H)p...	15.20	20.0	ng/ul	15293000	3	15.07	15293000	20.0
(DEL) Alkane: Str...	18.90	24.4	ng/ul	7529020	4	17.90	6162980	20.0
(DEL) Alkane: Str...	19.51	24.6	ng/ul	7564150	4	17.90	6162980	20.0
Phenanthrene, 3,6...	19.54	30.7	ng/ul	9462570	4	17.90	6162980	20.0
Heptadecanoic aci...	19.66	14.9	ng/ul	4606830	4	17.90	6162980	20.0
(DEL) Alkane: Str...	20.08	17.6	ng/ul	6492720	5	21.89	7371960	20.0
(DEL) Alkane: Str...	20.60	15.2	ng/ul	5602940	5	21.89	7371960	20.0
Ethanone, 1-(4-to...	20.65	6.0	ng/ul	2206690	5	21.89	7371960	20.0
(DEL) Alkane: Str...	21.09	13.7	ng/ul	5058400	5	21.89	7371960	20.0
(DEL) Alkane: Str...	21.55	34.5	ng/ul	12725400	5	21.89	7371960	20.0
(DEL) Alkane: Str...	21.99	20.0	ng/ul	7371960	5	21.89	7371960	20.0
(DEL) Alkane: Cyc...	22.38	20.9	ng/ul	7712770	5	21.89	7371960	20.0
(DEL) Alkane: Str...	22.47	33.7	ng/ul	12417600	5	21.89	7371960	20.0
(DEL) Alkane: Str...	22.98	15.5	ng/ul	5716030	5	21.89	7371960	20.0
1,2-Benzenedicarb...	23.48	11.4	ng/ul	1885260	6	24.38	3322260	20.0
(DEL) Alkane: Str...	23.54	35.6	ng/ul	5916940	6	24.38	3322260	20.0
(DEL) Alkane: Str...	24.17	15.3	ng/ul	2548050	6	24.38	3322260	20.0

Instrument :
BNA_N
ClientSampleId :
DAM47