LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000517.D
Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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	3.496	4	10	18	rVB4	292943	654355	1.14%	0.061%
2	3.596	24	27	42	rVB2	66037	151516	0.26%	0.014%
3	3.890	65	77	84	rBV5	174855	588075	1.02%	0.055%
4	3.984	84	93	98	rBV	431993	970284	1.69%	0.090%
5	4.149	112	121	130	rVB2	320941	1025779	1.78%	0.095%
6	4.255	130	139	144	rBV2	382055	928223	1.61%	0.086%
7	4.313	144	149	158	rVB3	352012	877123	1.52%	0.081%
8	4.419	158	167	175	rBV2	1695214	4055297	7.04%	0.376%
9	4.490	176	179	182	rBV	135330	217708	0.38%	0.020%
10	4.596	195	197	199	rVB	526554	377266	0.66%	0.035%
11	4.619	199	201	210	rVB2	148331	293177	0.51%	0.027%
12	4.708	210	216	223	rBV	3715693	7180582	12.47%	0.666%
13	4.790	223	230	242	rVB3	1790505	4708507	8.18%	0.437%
14	4.925	247	253	259	rBV	366282	673327	1.17%	0.062%
15	4.996	259	265	274	rBV5	375572	938657	1.63%	0.087%
16	5.072	274	278	280	rBV	73537	109855	0.19%	0.010%
17	5.113	280	285	294	rVB	249273	505260	0.88%	0.047%
18	5.225	294	304	311	rBV	721060	1632509	2.84%	0.152%
19	5.331	311	322	323	rBV3	1007096	2320856	4.03%	0.215%
20	5.425	331	338	348	rVB3	2580112	7326892	12.72%	0.680%
21	5.507	348	352	358	rVB	864356	1509722	2.62%	0.140%
22	5.560	358	361	369	rVB3	491401	972102	1.69%	0.090%
23	5.672	369	380	386	rBV2	1759326	4399121	7.64%	0.408%
24	5.796	390	401	413	rBV5	3718134	14754364	25.62%	1.369%
25	5.907	414	420	428	rVB	4760211	10872067	18.88%	1.009%
26	5.984	428	433	451	rVB	2367286	7717487	13.40%	0.716%
27	6.143	451	460	467	rBV4	927298	3010601	5.23%	0.279%
28	6.225	467	474	483	rBV4	2566936	8610040	14.95%	0.799%
29	6.307	483	488	492	rBV	2332344	4678871	8.13%	0.434%
30	6.378	492	500	509	rVB2	10241635	31512474	54.73%	2.925%
31	6.455	509	513	521	rVB4	921155	1980624	3.44%	0.184%
32	6.537	521	527	536	rVB3	668160	1843058	3.20%	0.171%
33	6.643	536	545	557	rBV5	5277223	20168551	35.03%	1.872%
34	6.760	557	565	575	rVB3	3839823	11183116	19.42%	1.038%

LSC Area Percent Report

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Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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	6.884	575	586	590	rBV8	5636207	19940372	34.63%	1.851%
36	7.043	604	613	623	rVB4	6099178	23738271	41.23%	2.203%
37	7.137	623	629	637	rVB3	5092217	13311522	23.12%	1.235%
38	7.213	637	642	647	rBV4	2210620	4876280	8.47%	0.453%
39	7.284	647	654	660	rBV3	2880832	7798261	13.54%	0.724%
40	7.384	661	671	679	rBV4	6159231	23693904	41.15%	2.199%
41	7.466	679	685	688	rBV	3063063	7305722	12.69%	0.678%
42	7.572	697	703	710	rVB3	8461420	23998659	41.68%	2.227%
43	7.660	710	718	727	rVB2	6790623	20858758	36.22%	1.936%
44	7.749	728	733	738	rBV4	1584936	3799805	6.60%	0.353%
45	7.819	738	745	749	rBV	6997175	19269937	33.47%	1.788%
46	8.090	777	791	810	rVB3	10053678	57581154	100.00%	5.344%
47	8.254	810	819	825	rBV6	2688503	9108073	15.82%	0.845%
48	8.349	825	835	840	rBV6	3921059	14057137	24.41%	1.305%
49	8.513	853	863	867	rBV6	5741475	21037306	36.54%	1.953%
50	8.972	924	941	947	rBV6	9227029	48940258	84.99%	4.542%
51	9.031	947	951	959	rVB2	8244630	23866704	41.45%	2.215%
52	9.125	959	967	974	rBV4	10959659	33176634	57.62%	3.079%
53	9.231	978	985	988	rBV	5421589	12049813	20.93%	1.118%
54	9.431	1013	1019	1023	rBV	6798787	15728688	27.32%	1.460%
55	9.484	1023	1028	1033	rVB	7818986	15215494	26.42%	1.412%
56	9.578	1033	1044	1053	rBV4	9802653	35156612	61.06%	3.263%
57	9.672	1054	1060	1062	rBV5	5310089	11429495	19.85%	1.061%
58	9.825	1075	1086	1095	rBV8	6386994	31405572	54.54%	2.915%
59	9.913	1096	1101	1108	rBV5	4264086	13481132	23.41%	1.251%
60	10.178	1141	1146	1151	rBV3	5157505	10790396	18.74%	1.001%
61	10.225	1151	1154	1166	rVB3	7504939	23635249	41.05%	2.194%
62	10.348	1166	1175	1180	rBV5	7669632	26328536	45.72%	2.444%
63	10.478	1192	1197	1203	rBV3	4597551	12237253	21.25%	1.136%
64	10.601	1213	1218	1222	rBV3	3868168	8135901	14.13%	0.755%
65	10.690	1227	1233	1238	rVV4	5208982	11088093	19.26%	1.029%
66	10.948	1271	1277	1280	rBV2	3395383	7787181	13.52%	0.723%
67	11.048	1290	1294	1298	rBV3	1445024	3062266	5.32%	0.284%
68	11.401	1349	1354	1364	rVB5	8092501	24734260	42.96%	2.296%
69	11.578	1381	1384	1388	rVB4	1831564	2483651	4.31%	0.231%
70	11.660	1389	1398	1403	rBV	7615145	20534268	35.66%	1.906%
71	11.784	1413	1419	1423	rVB	4408703	8895432	15.45%	0.826%

LSC Area Percent Report

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Data File : BN000517.D
Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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

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Peak separation: 5

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

72	11.972	1445	1451	1455	rBV6	4242299	10764489	18.69%	0.999%
73	12.372	1513	1519	1524	rVB	10886184	24232706	42.08%	2.249%
74	12.513	1532	1543	1553	rBV5	7878670	23557206	40.91%	2.186%
75	12.684	1562	1572	1575	rBV3	6515148	20522452	35.64%	1.905%
76	12.789	1586	1590	1591	rBV2	3324589	4369407	7.59%	0.406%
77	12.901	1605	1609	1612	rVV	3863968	5926241	10.29%	0.550%
78	12.942	1612	1616	1622	rVB	6468760	12482085	21.68%	1.158%
79	13.060	1632	1636	1639	rBV2	3716447	6375682	11.07%	0.592%
80	13.266	1666	1671	1673	rBV3	2238056	4548010	7.90%	0.422%
81	13.578	1720	1724	1732	rVB4	3543774	6952416	12.07%	0.645%
82	15.219	1994	2003	2008	rBV	6962329	21239729	36.89%	1.971%
83	17.507	2379	2392	2394	rBV4	7593615	31533680	54.76%	2.927%
84	19.536	2732	2737	2738	rBV2	3317065	5536687	9.62%	0.514%
85	20.613	2916	2920	2924	rBV2	4133190	6119175	10.63%	0.568%
86	20.660	2925	2928	2935	rVB2	3197657	4759458	8.27%	0.442%
87	21.095	2999	3002	3006	rVB	3700234	4603004	7.99%	0.427%
88	21.560	3077	3081	3092	rVB3	6597552	11371306	19.75%	1.055%
89	22.001	3153	3156	3163	rVB	4500725	7056037	12.25%	0.655%
90	22.389	3217	3222	3229	rVV	4469706	7788854	13.53%	0.723%
91	22.477	3232	3237	3245	rVB3	7068621	13669349	23.74%	1.269%
92	22.983	3319	3323	3327	rBV	3516380	5618174	9.76%	0.521%
93	23.548	3415	3419	3427	rVB2	2953824	5333179	9.26%	0.495%
94	24.183	3522	3527	3532	rBV	2122140	3794060	6.59%	0.352%

Sum of corrected areas: 1077438881

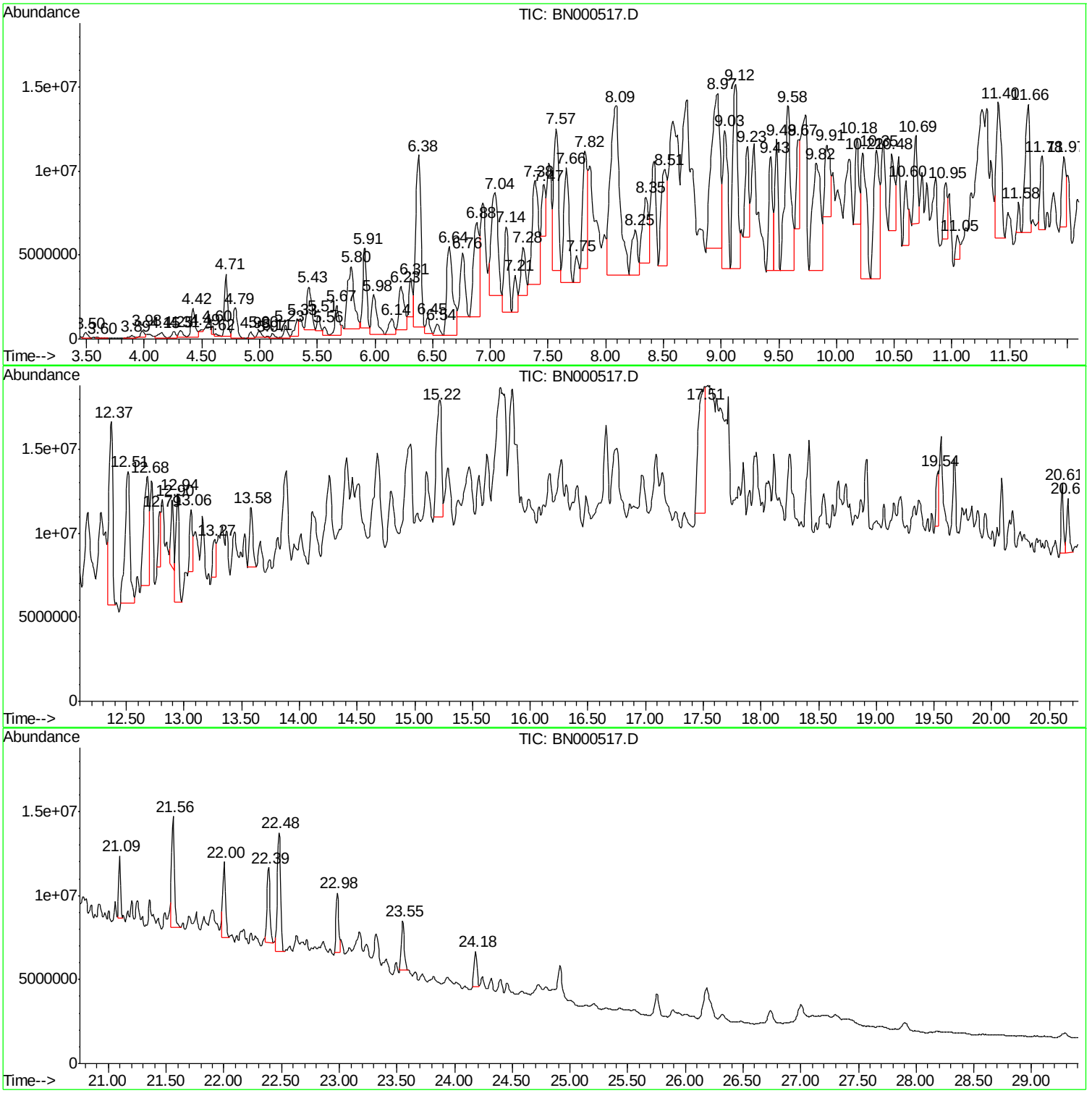
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000517.D
Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM51

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000517.D
Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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

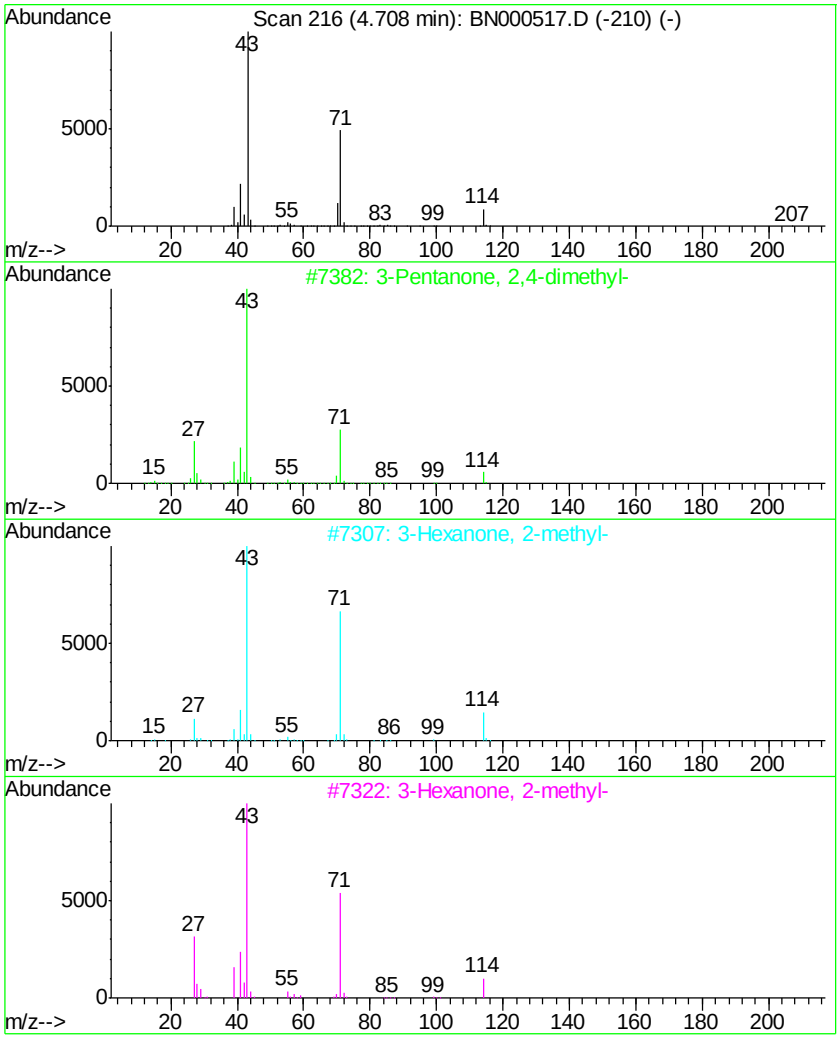
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

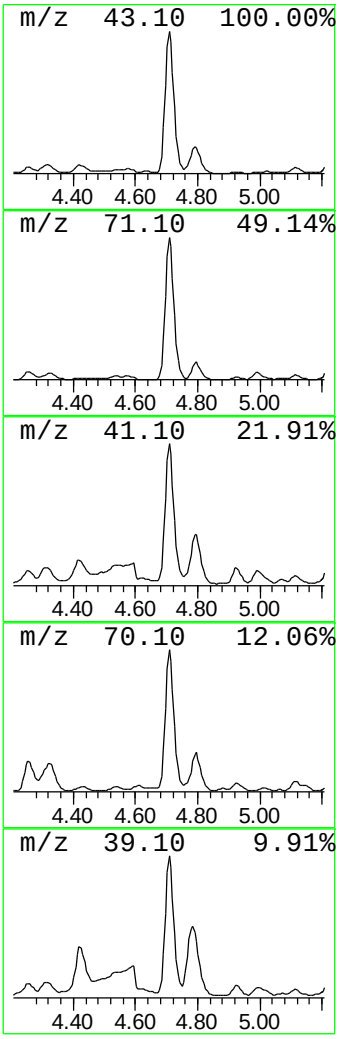
****

Peak Number 2 3-Pentanone, 2,4-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	6.83 ng/ul	7180580	1,4-Dichlorobenzene-d4	8.45

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	56
4	4-Heptanone	114	C7H14O	000123-19-3	53
5	4-Heptanone	114	C7H14O	000123-19-3	53





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000517.D
Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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

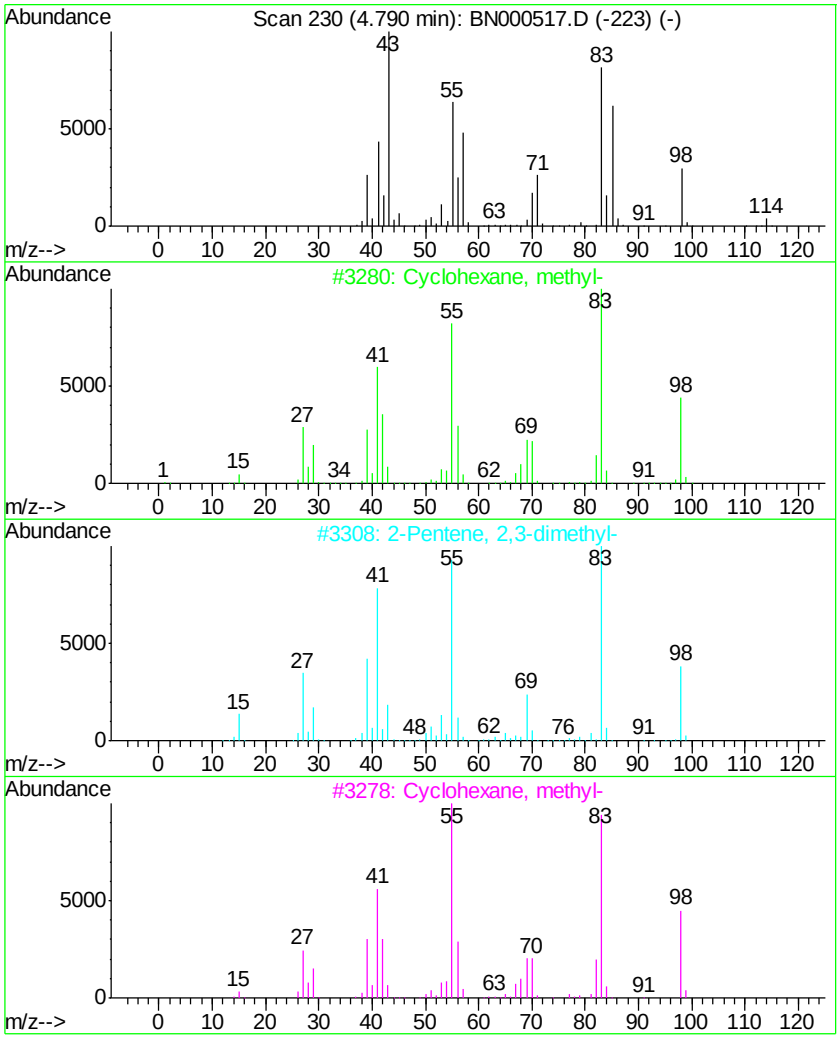
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

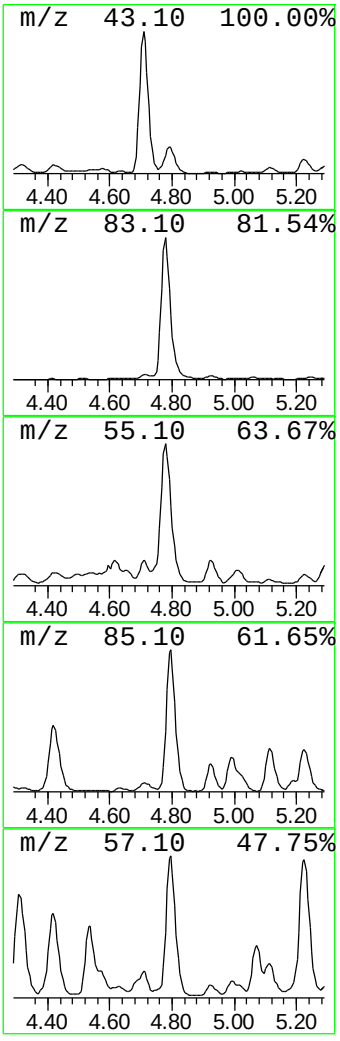
****

Peak Number 3 (DEL) Alkane: Cyclic4.79 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	4.48 ng/ul	4708510	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	47
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	43
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	43
4	3-Hexen-2-one	98	C6H10O	000763-93-9	43
5	3-Hexen-2-one	98	C6H10O	000763-93-9	41





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

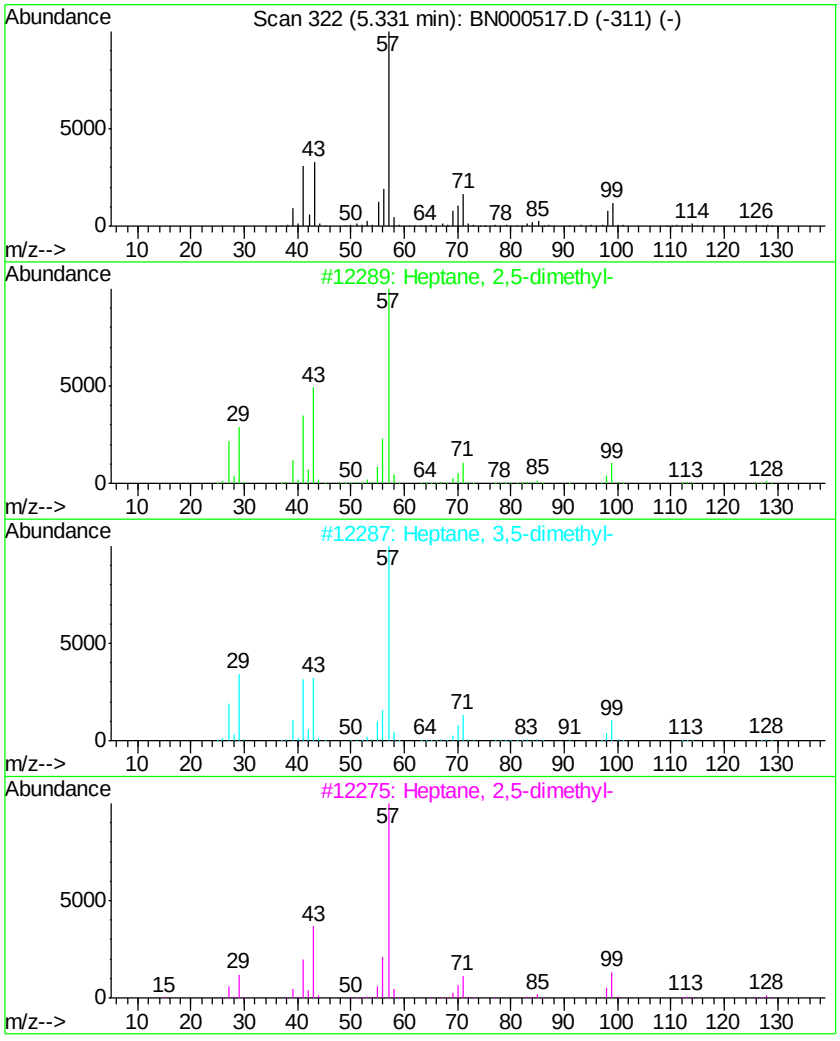
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

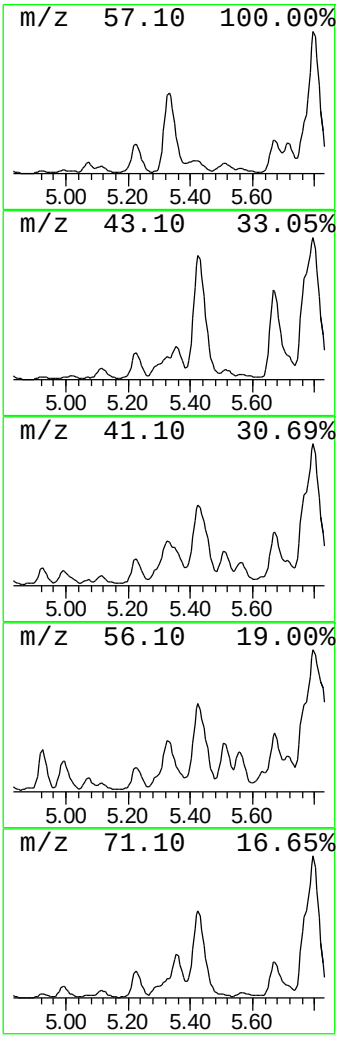
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	2.21 ng/ul	2320860	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	83
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000517.D
Acq On : 21 Mar 2018 13:35
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Misc :
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Instrument : BNA_N
ClientSampleId : DAM51

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

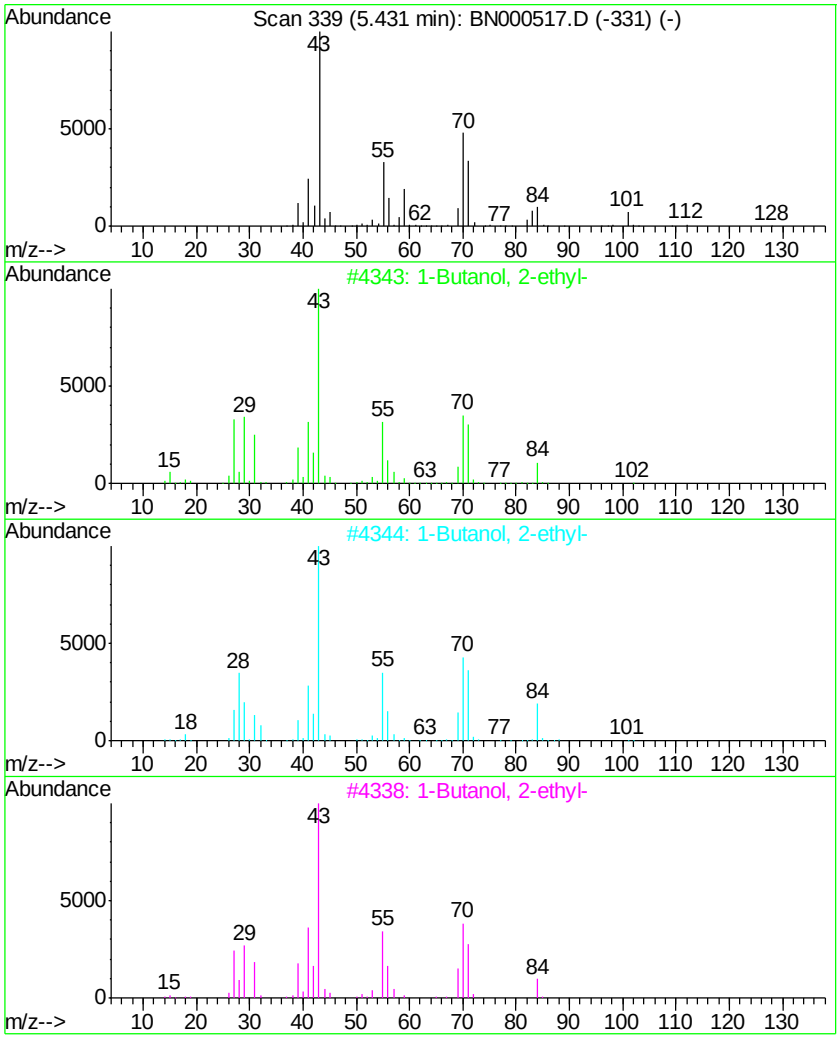
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

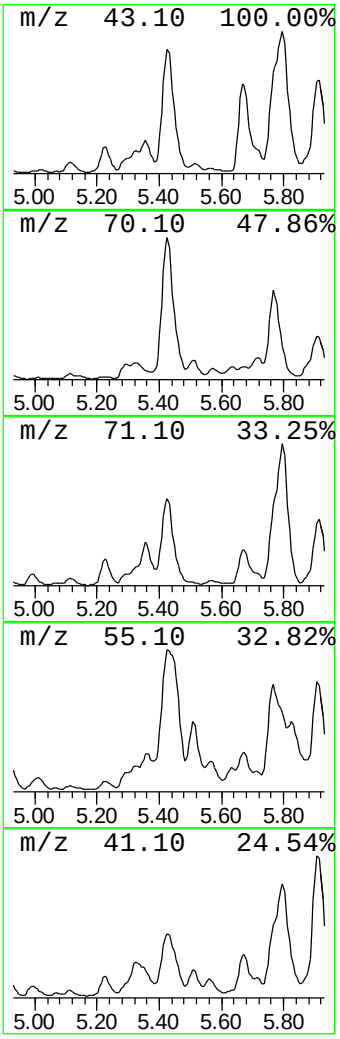
****

Peak Number 5 1-Butanol, 2-ethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	6.97 ng/ul	7326890	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	78
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	53
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	47
4	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	45
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	42





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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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

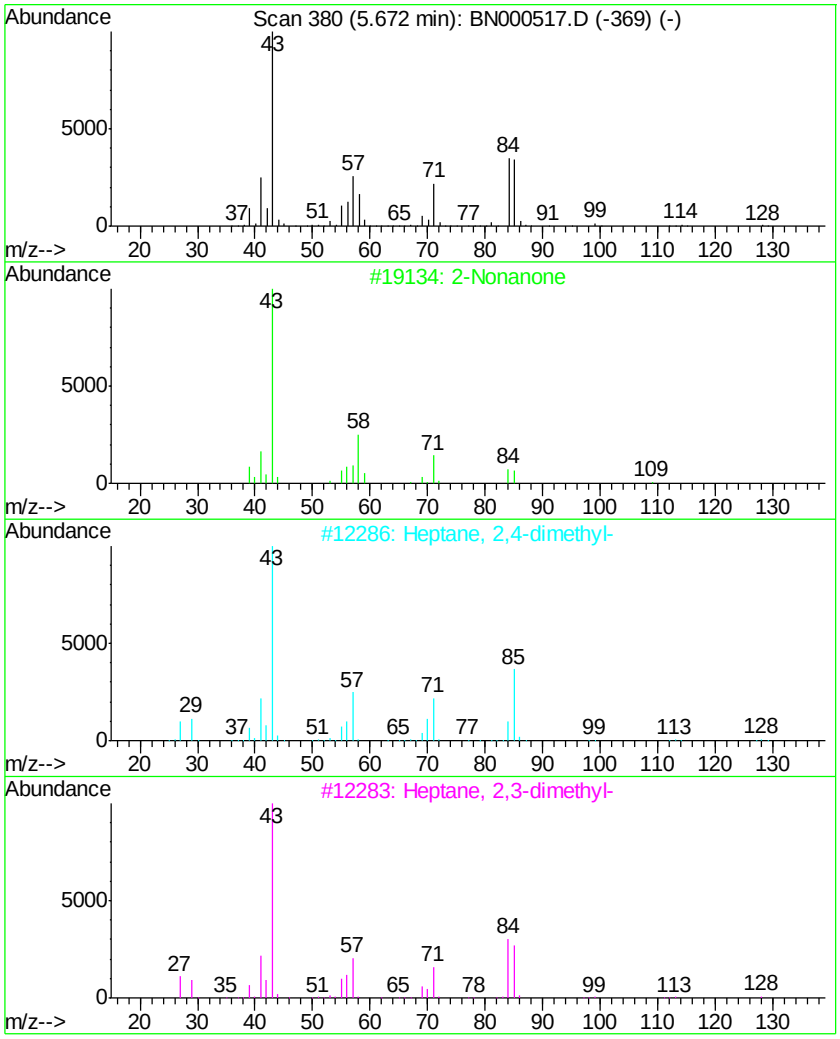
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

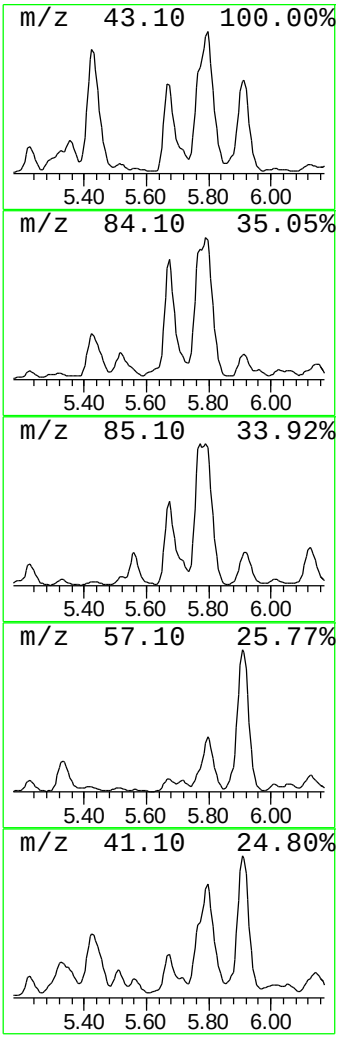
****

Peak Number 6 2-Nonanone Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	4.18 ng/ul	4399120	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	72
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	70
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	70
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64





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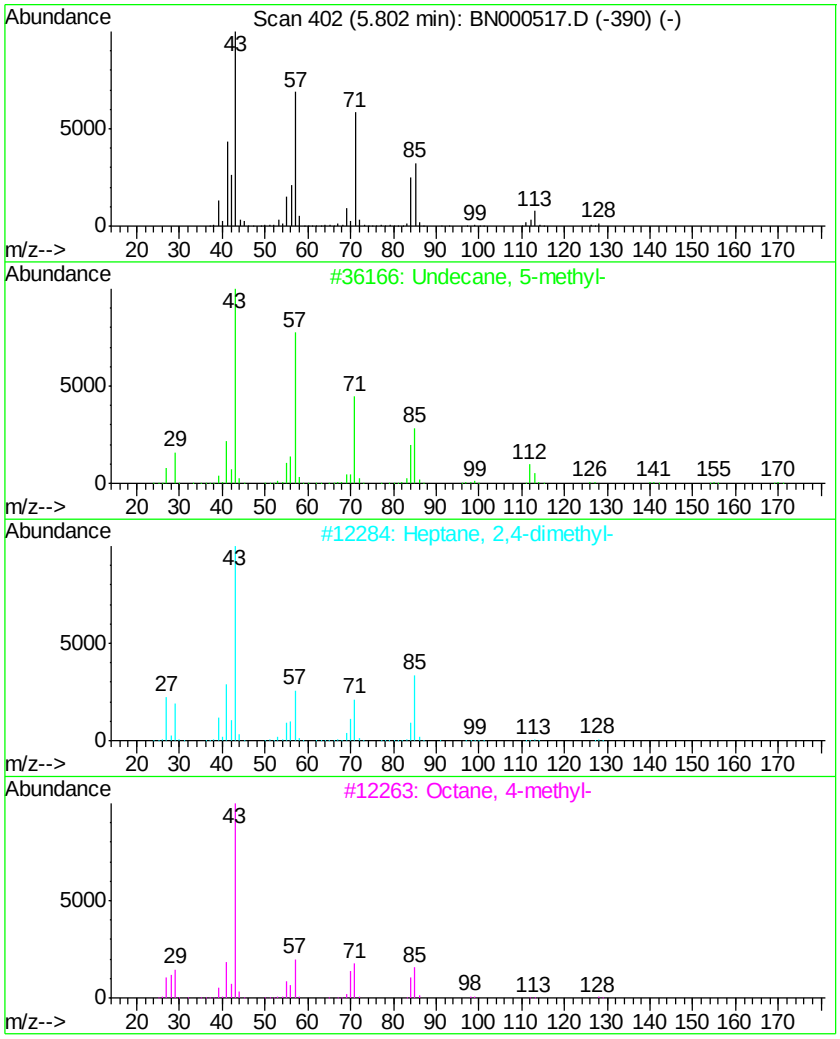
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

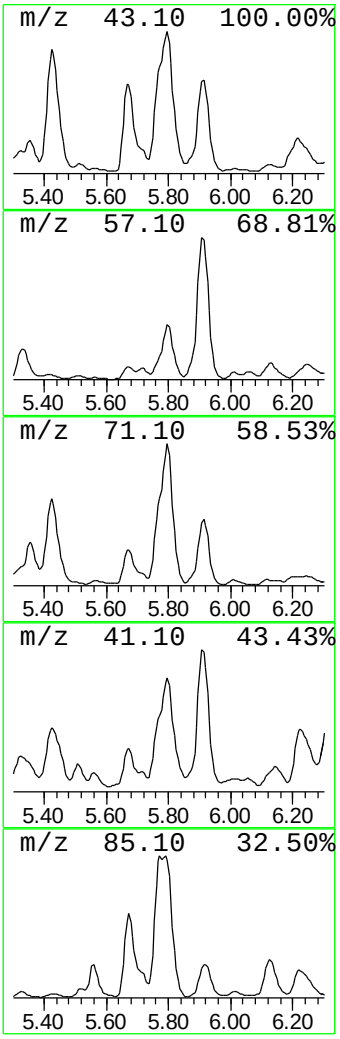
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	14.03 ng/ul	14754400	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Octane, 4-methyl-	128	C9H20	002216-34-4	59
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	52





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Operator : JU/SJ
Sample : J1905-16
Misc :
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Instrument : BNA_N
ClientSampleId : DAM51

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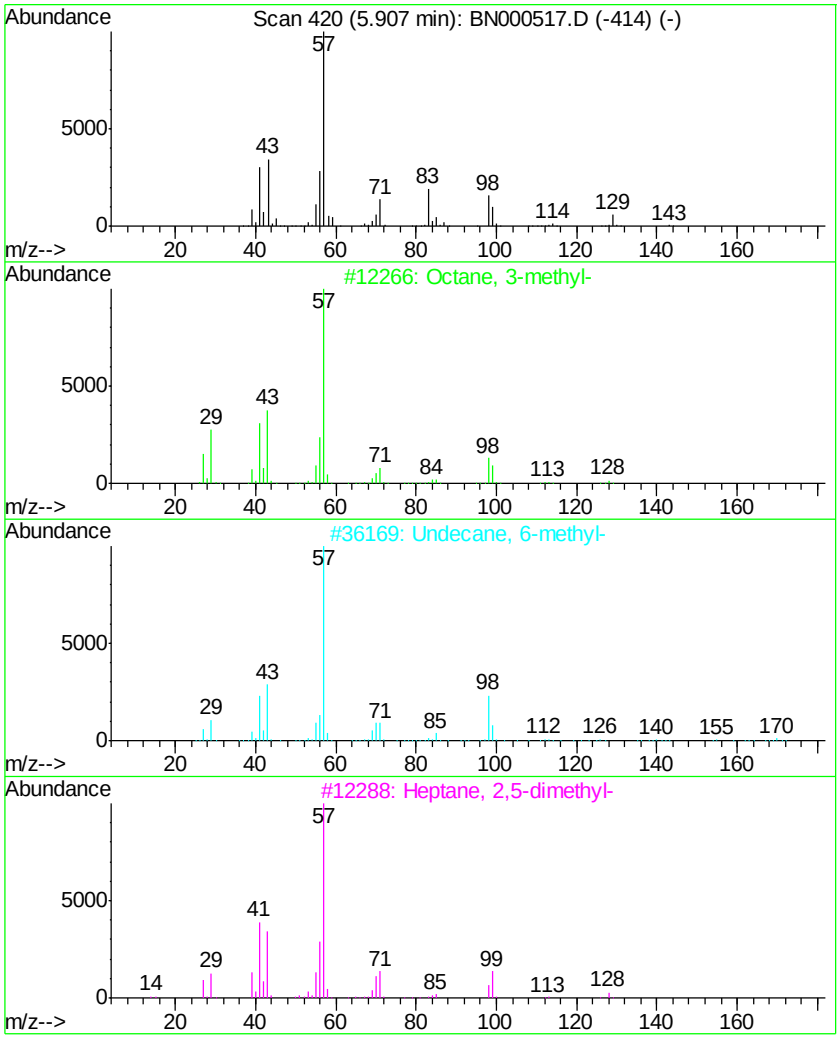
Quant Title : SVOA CALIBRATION

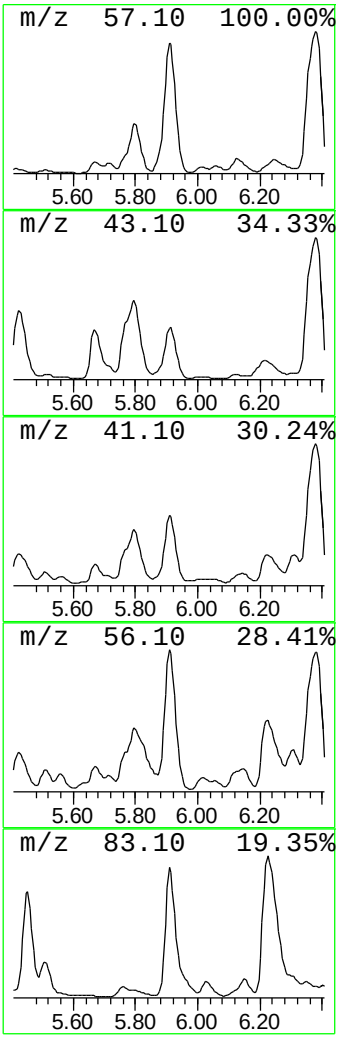
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	10.34 ng/ul	10872100	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	47
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47
4	Octane, 3-methyl-	128	C9H20	002216-33-3	45
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	41





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Sample : J1905-16
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Instrument : BNA_N
ClientSampleId : DAM51

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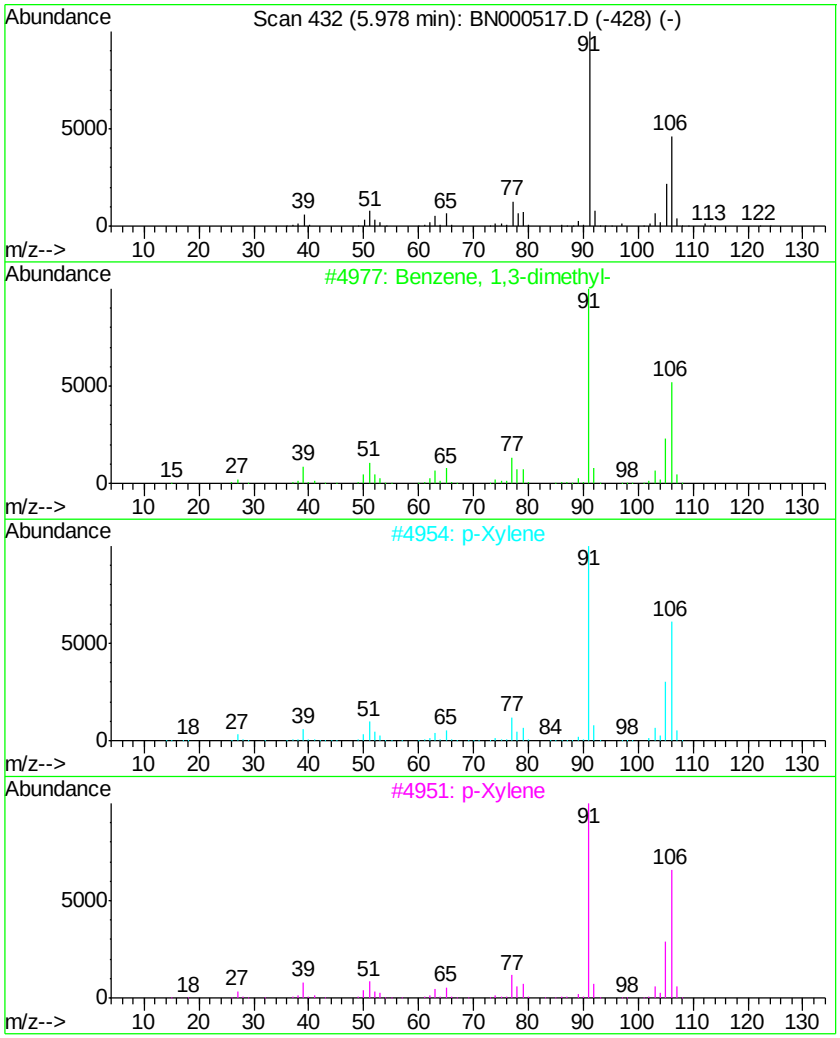
Quant Title : SVOA CALIBRATION

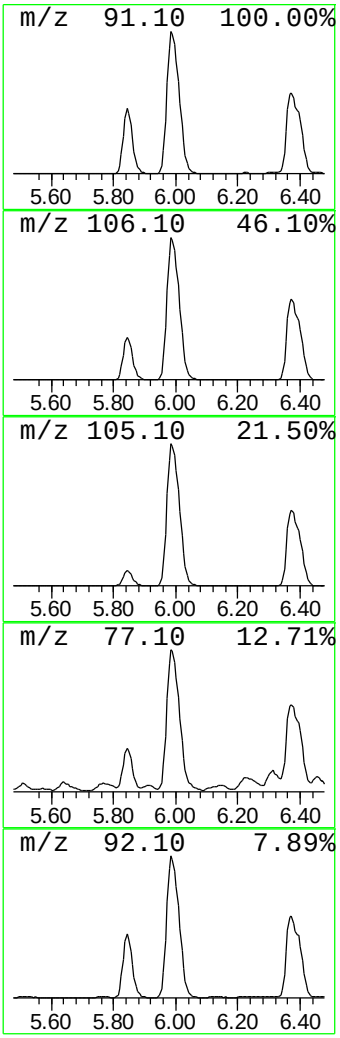
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	7.34 ng/ul	7717490	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	o-Xylene	106	C8H10	000095-47-6	95
5	p-Xylene	106	C8H10	000106-42-3	94





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Quant Title : SVOA CALIBRATION

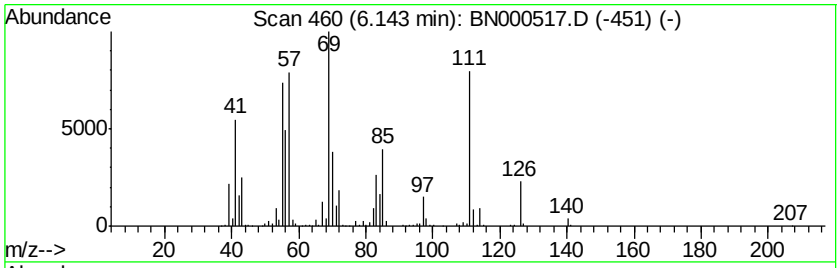
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

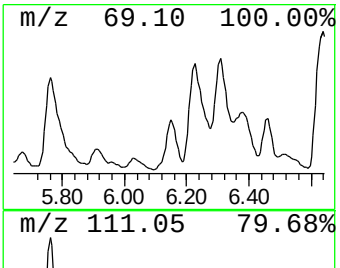
****

Peak Number 10 (DEL) Alkane: Cyclic6.14 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	2.86 ng/ul	3010600	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	81
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	70
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	60





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ALS Vial : 6 Sample Multiplier: 1

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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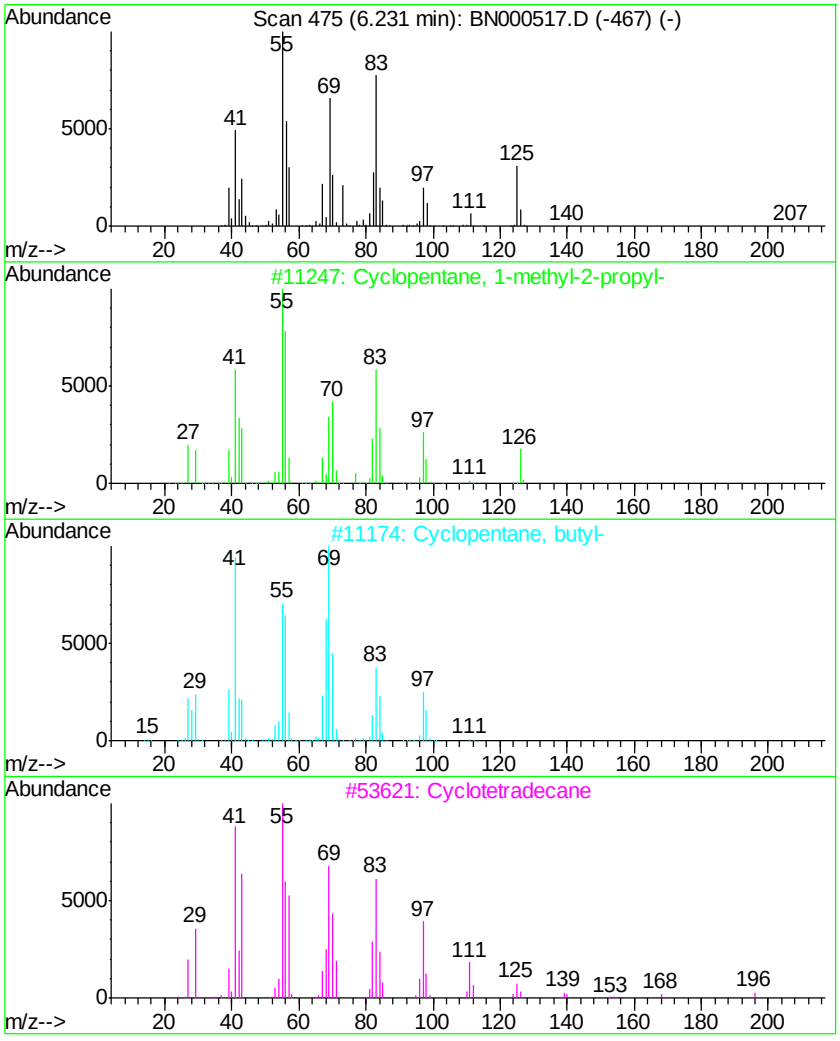
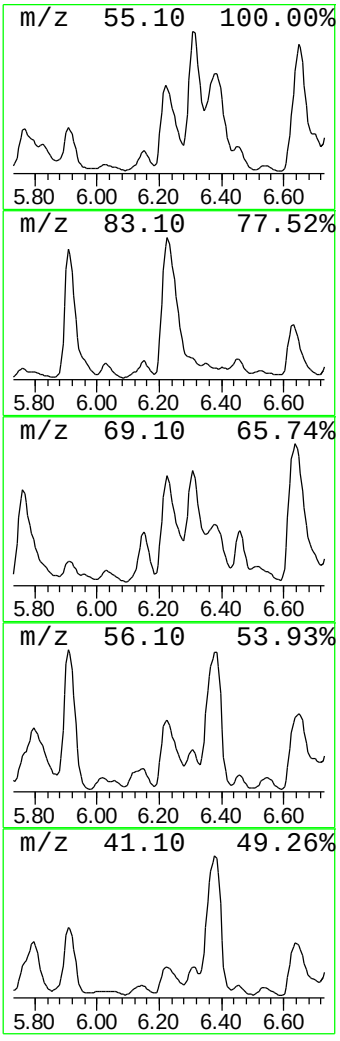
Peak Number 11 (DEL) Alkane: Cyclic6.23 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	8.19 ng/ul	8610040	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	64
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	38
3	Cyclotetradecane	196	C14H28	000295-17-0	38
4	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	35
5	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	30





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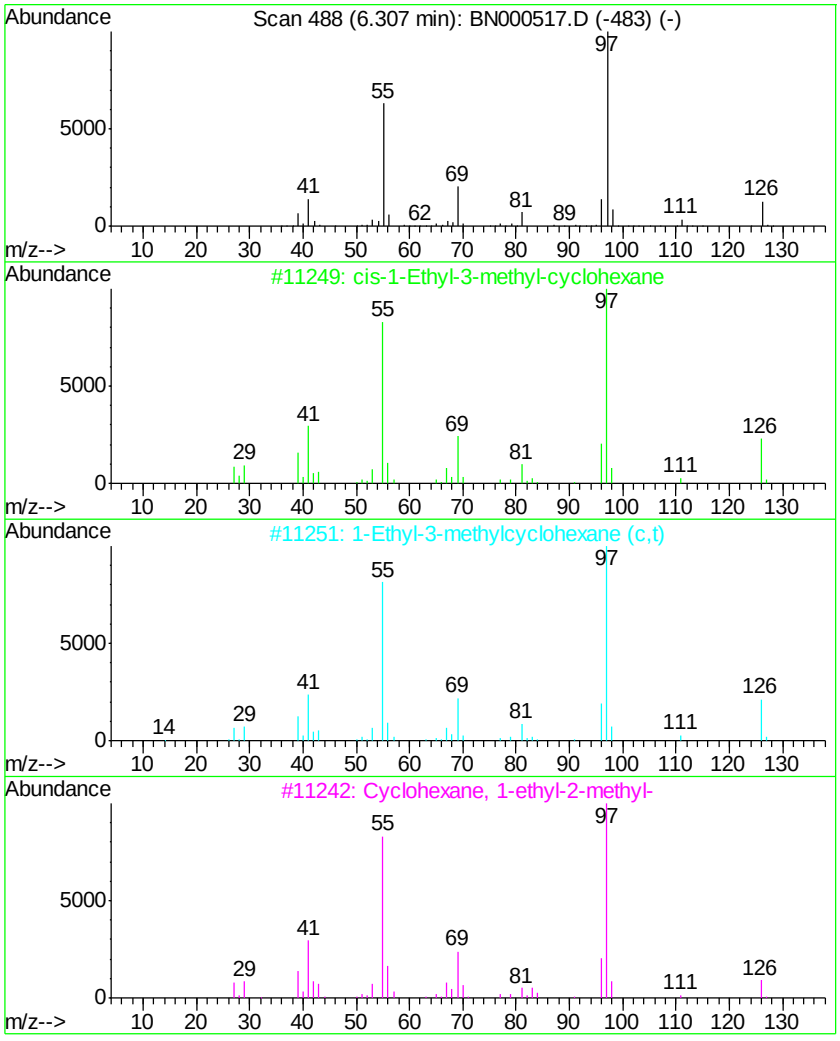
Quant Title : SVOA CALIBRATION

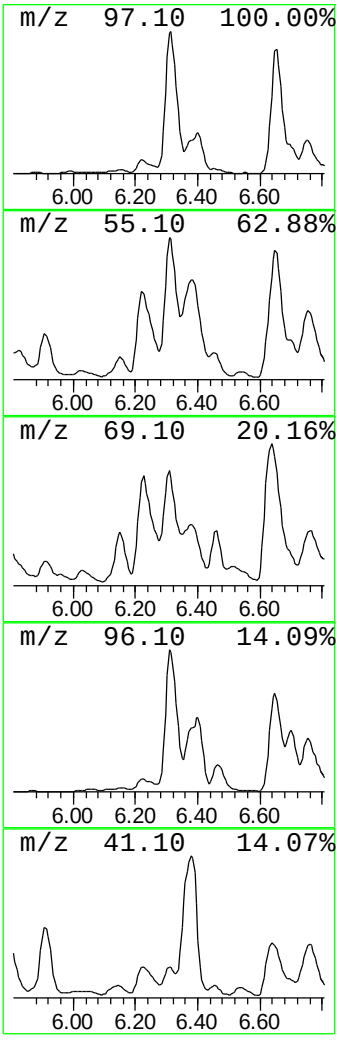
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic6.31 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	4.45 ng/ul	4678870	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
4	4-Octen-3-one	126	C8H14O	014129-48-7	64
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64





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Instrument : BNA_N
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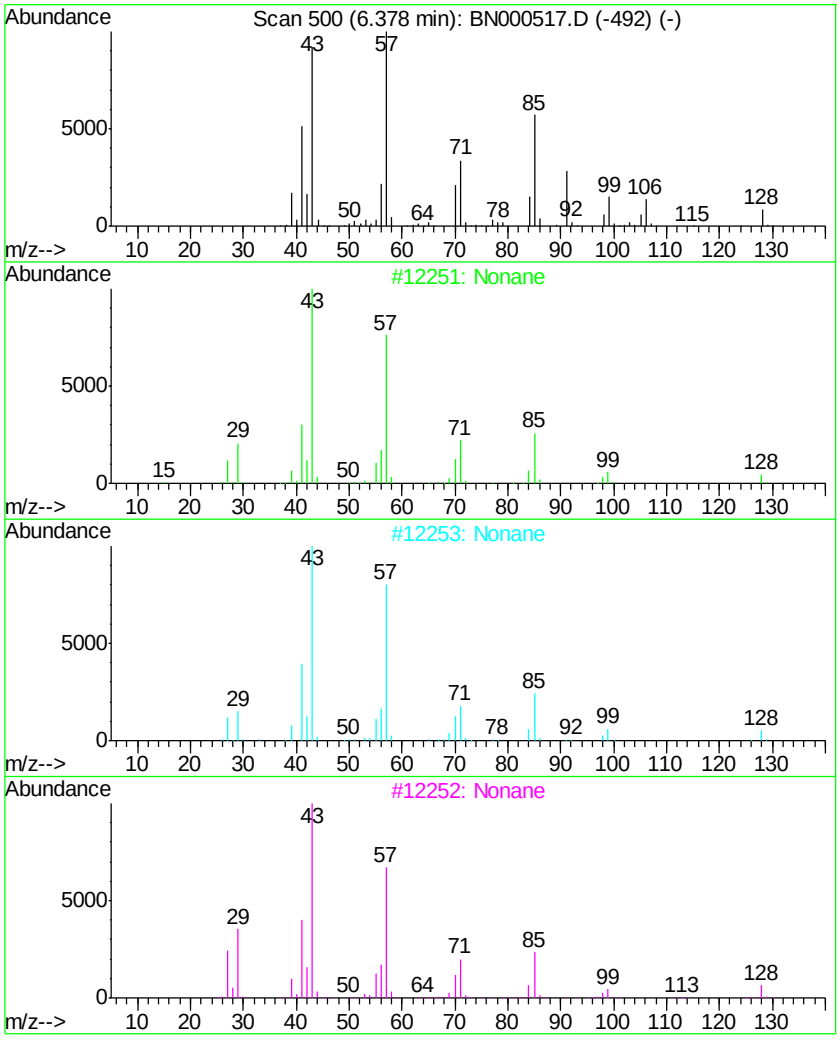
TIC Integration Parameters: LSCINT.P

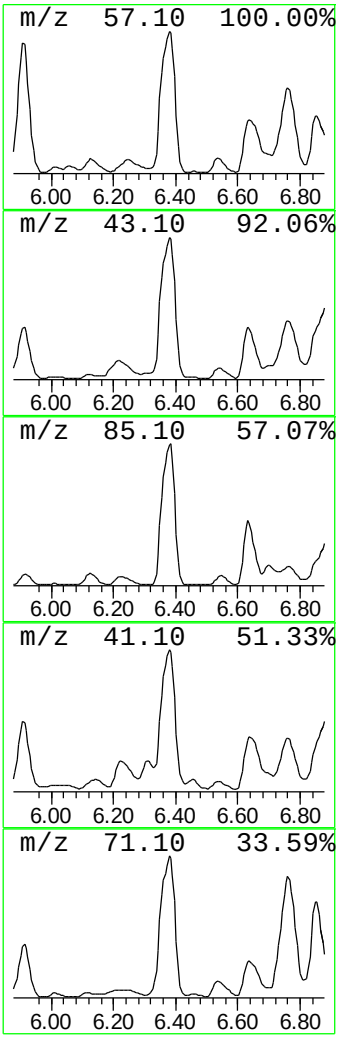
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	29.96 ng/ul	31512500	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	81
2	Nonane	128	C9H20	000111-84-2	81
3	Nonane	128	C9H20	000111-84-2	68
4	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	50
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50





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Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

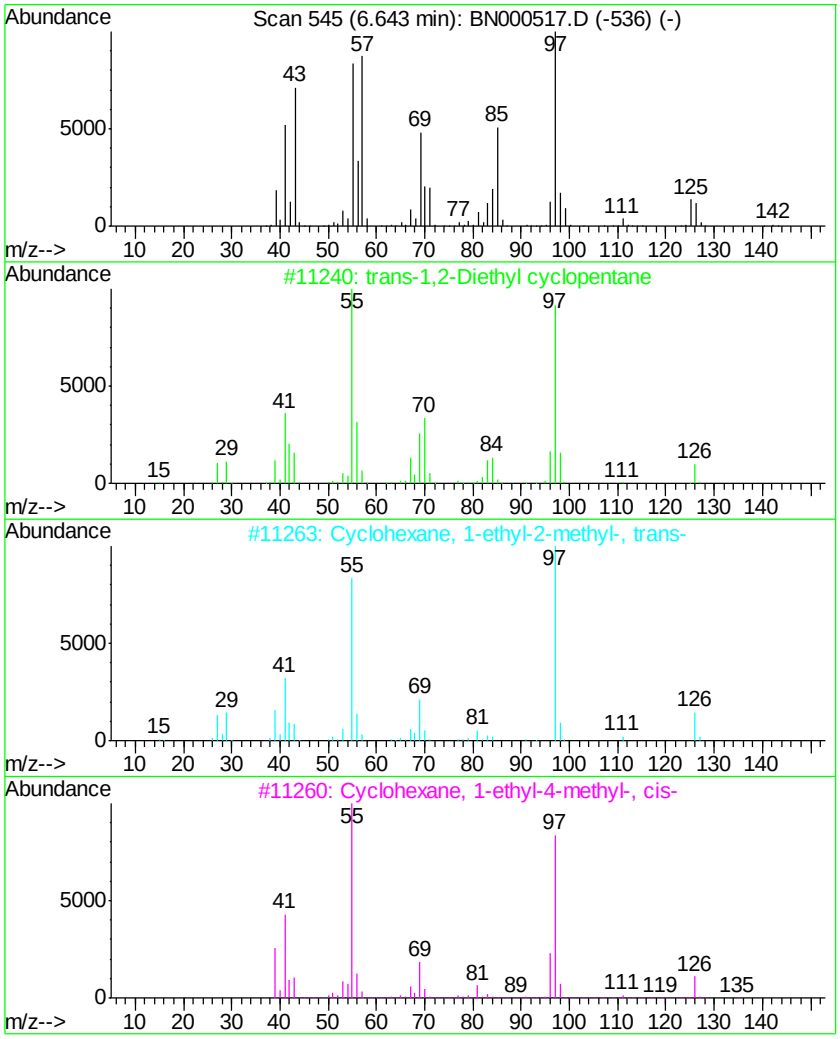
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

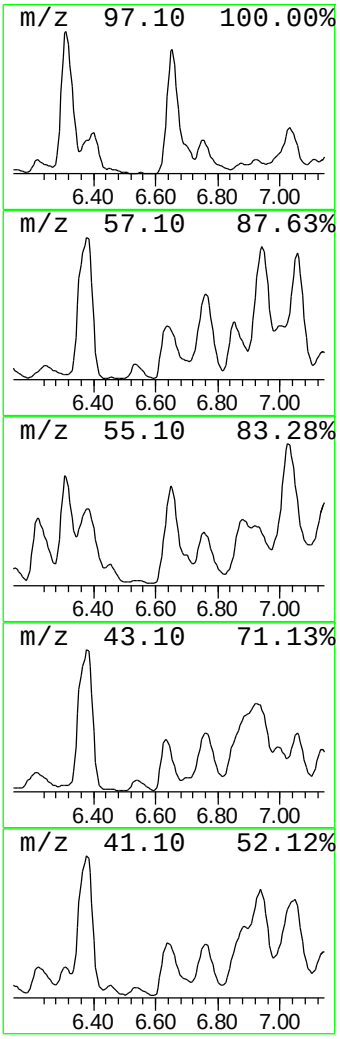
****

Peak Number 14 (DEL) Alkane: Cyclic6.64 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	19.17 ng/ul	20168600	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	38
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	38
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	30
4	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	30
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	30





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Instrument : BNA_N
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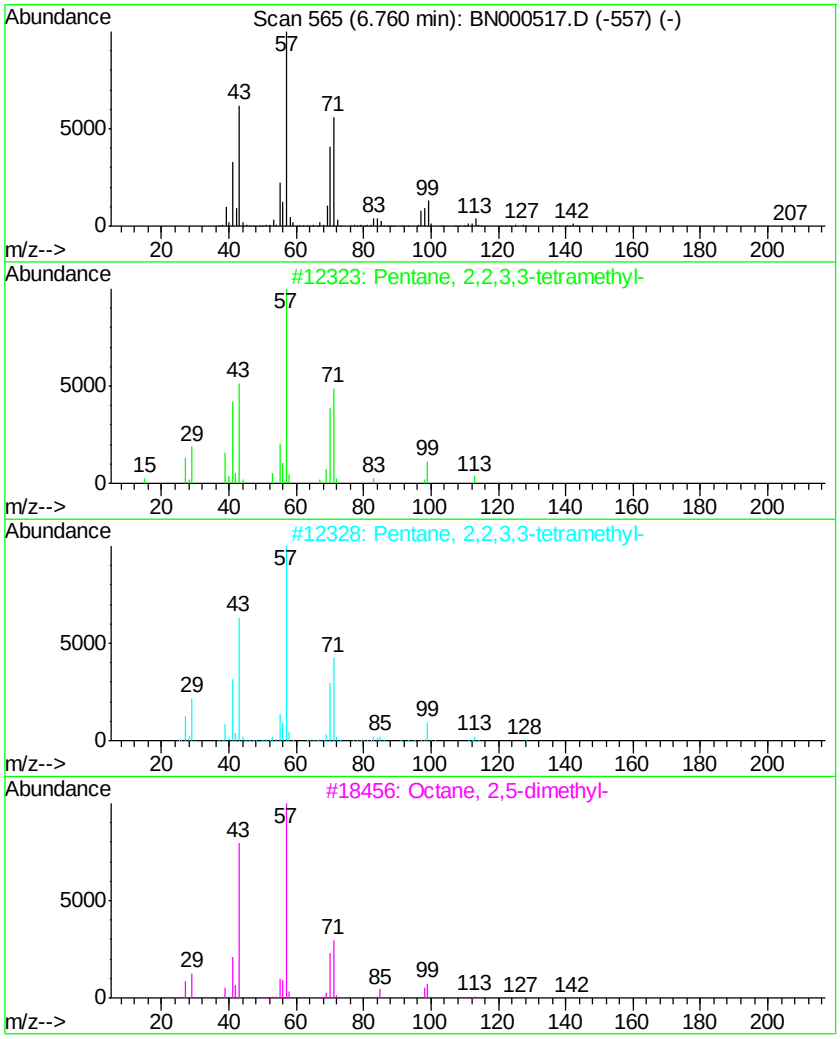
Quant Title : SVOA CALIBRATION

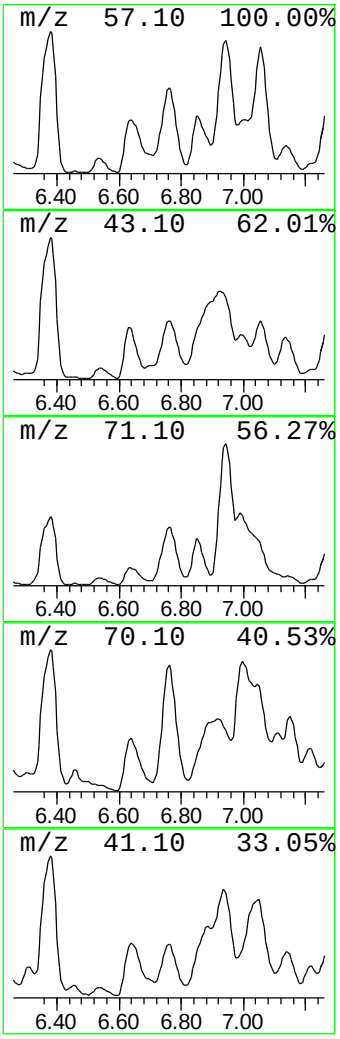
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	10.63 ng/ul	11183100	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	80
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	58
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50





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TIC Integration Parameters: LSCINT.P

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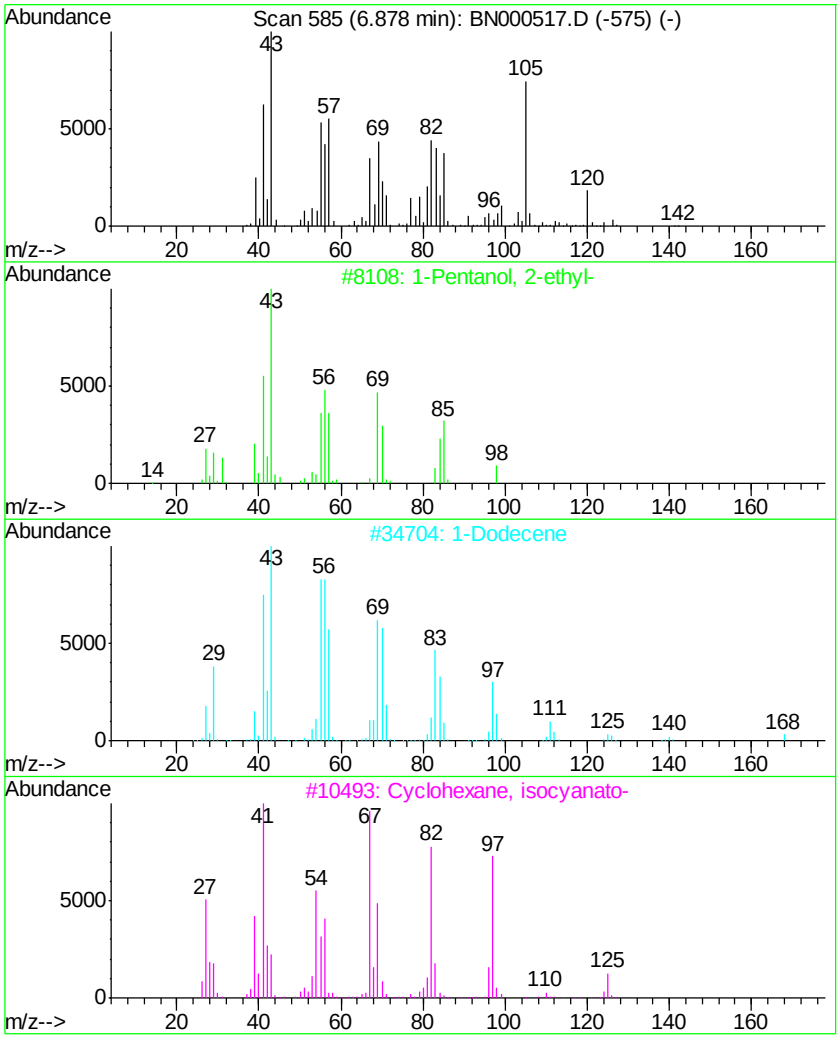
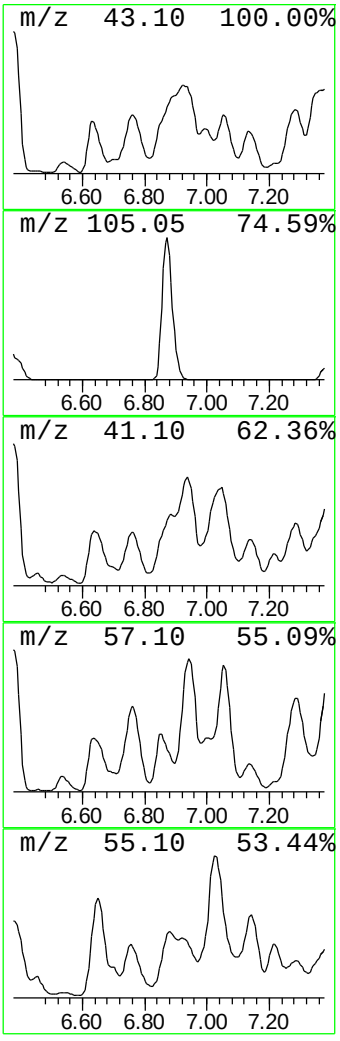
Peak Number 16 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	18.96 ng/ul	19940400	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	27
2	1-Dodecene	168	C12H24	000112-41-4	27
3	Cyclohexane, isocyanato-	125	C7H11NO	003173-53-3	25
4	2H-Pyran, tetrahydro-2-(1-methyl...	144	C8H16O2	001927-70-4	22
5	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	22





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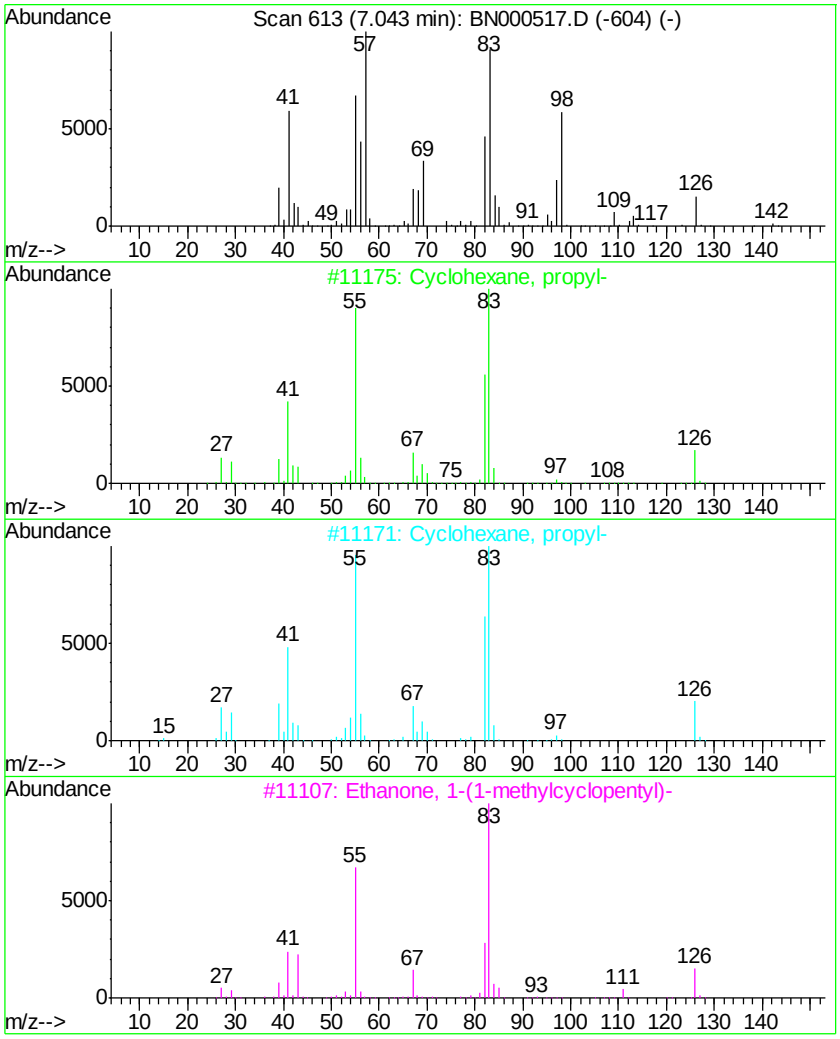
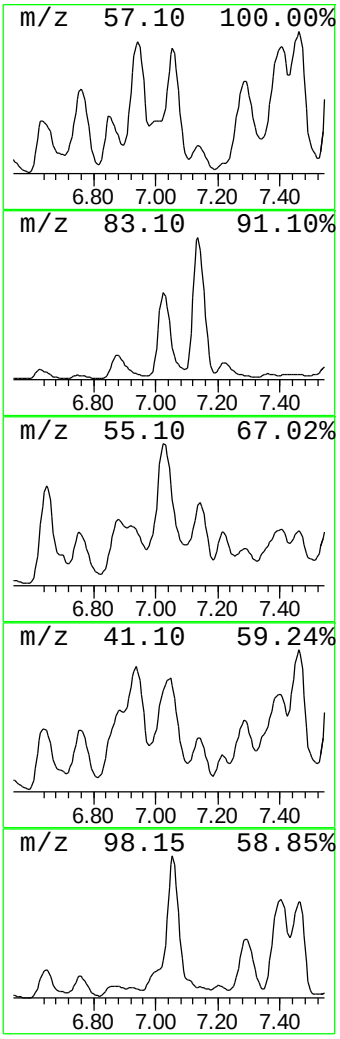
****
Peak Number 17 (DEL) Alkane: Cyclic7.04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	22.57 ng/ul	23738300	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
3	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	38
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
5	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	35





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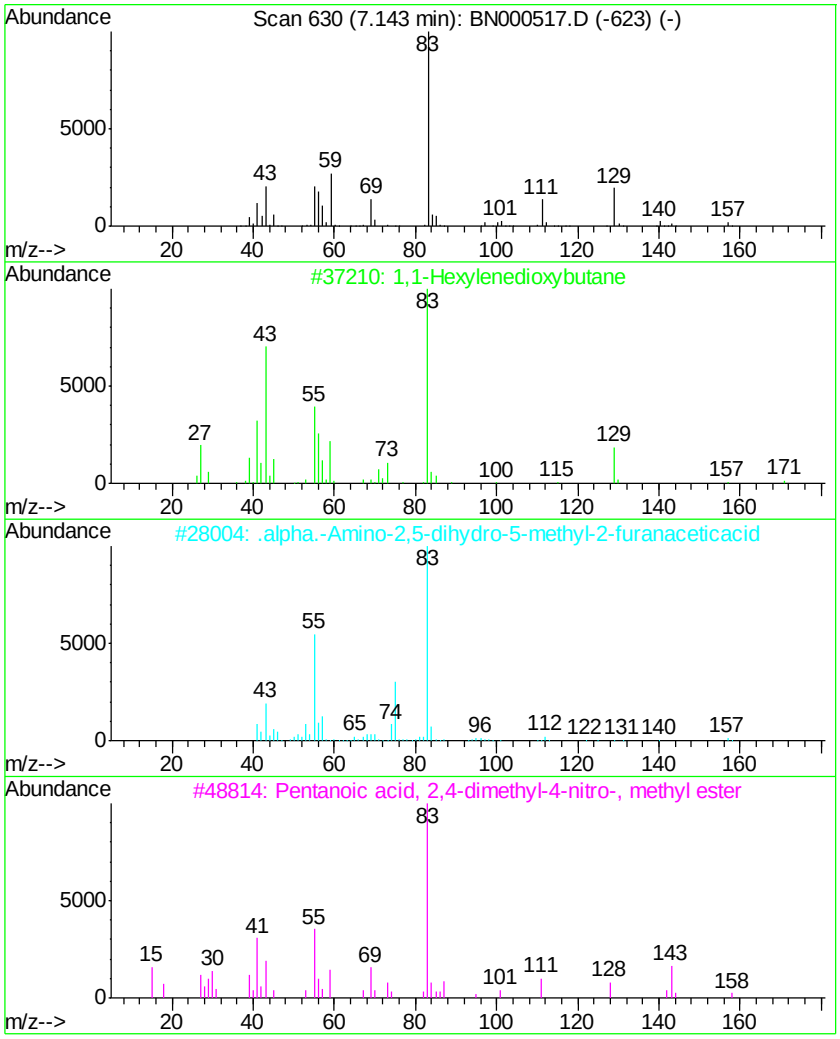
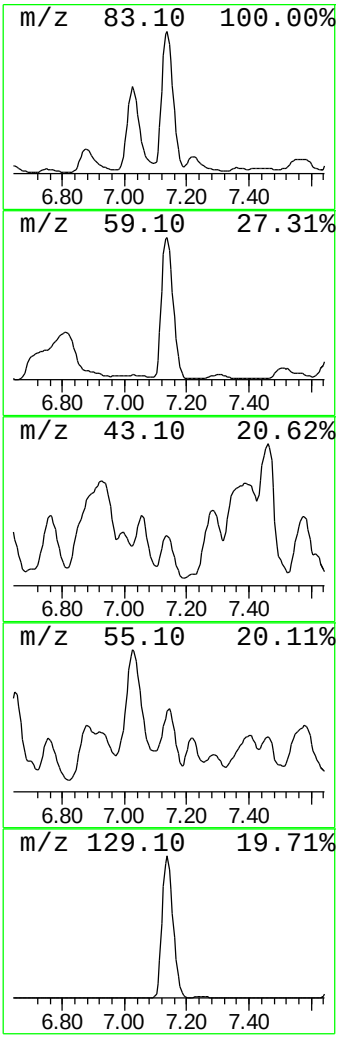
Peak Number 18 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	12.66 ng/ul	13311500	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	43
2	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	38
3	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	36
4	3-Methyl-2-butenoic acid, 4-hexa...	324	C21H40O2	1000282-89-8	33
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	33





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Operator : JU/SJ
Sample : J1905-16
Misc :
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Instrument : BNA_N
ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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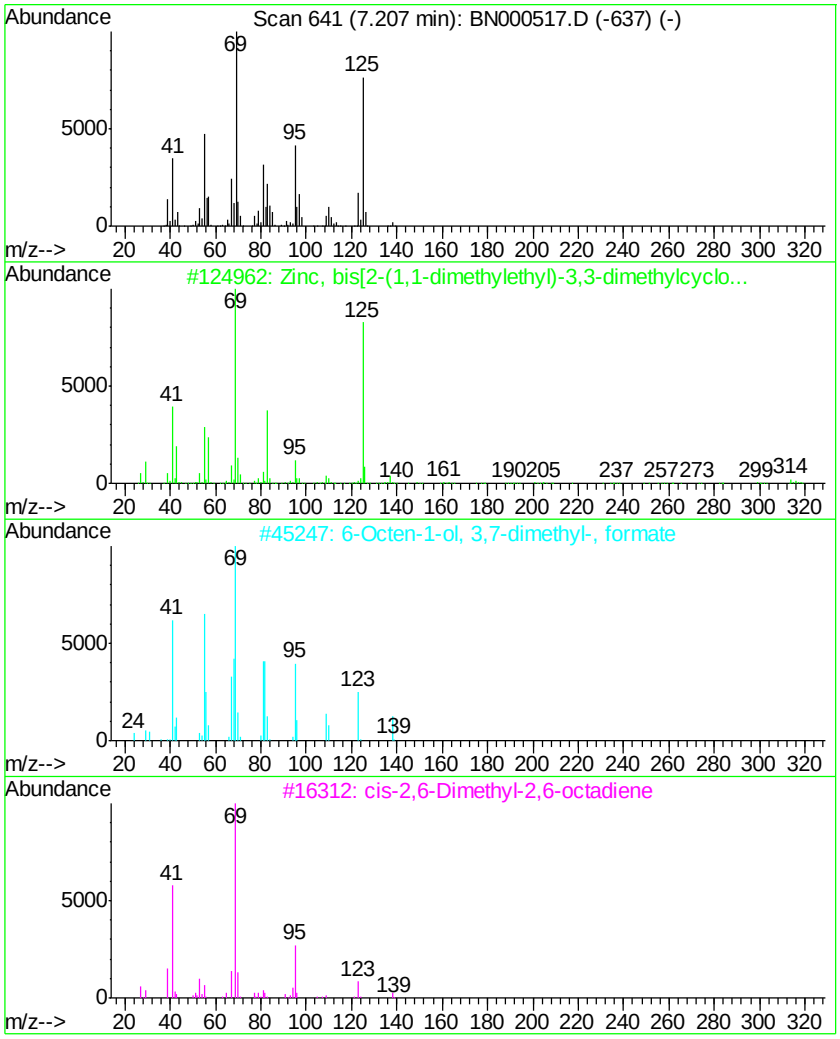
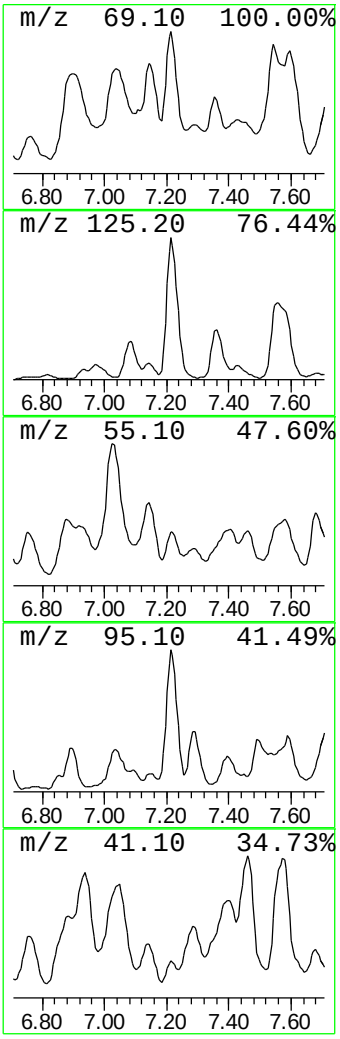
Peak Number 19 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	4.64 ng/ul	4876280	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
2	6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	38
3	cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	27
4	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	27
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	25





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ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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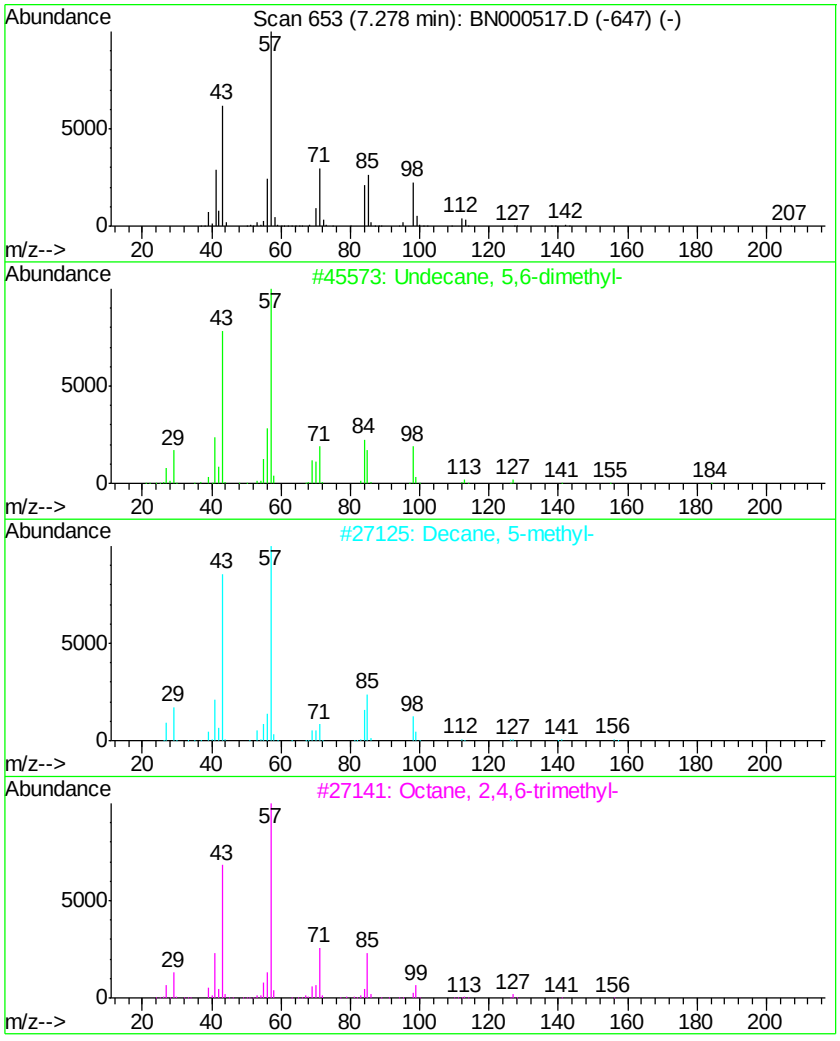
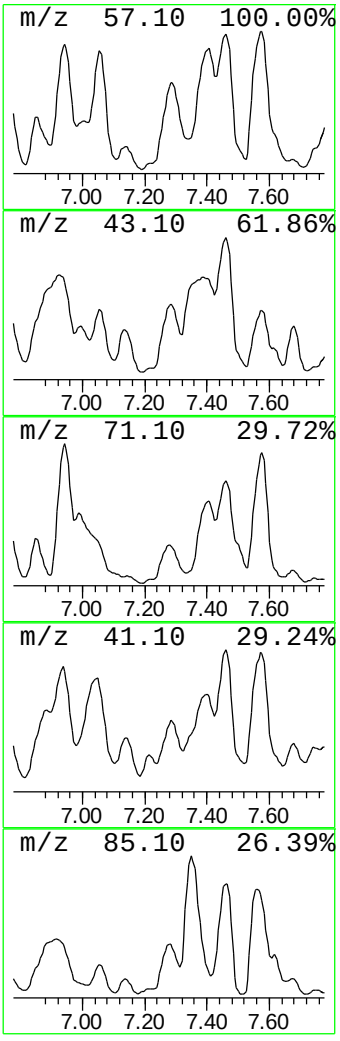
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	7.41 ng/ul	7798260	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
2	Decane, 5-methyl-	156	C11H24	013151-35-4	53
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4	Decane	142	C10H22	000124-18-5	47
5	Decane	142	C10H22	000124-18-5	47





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Instrument : BNA_N
ClientSampleId : DAM51

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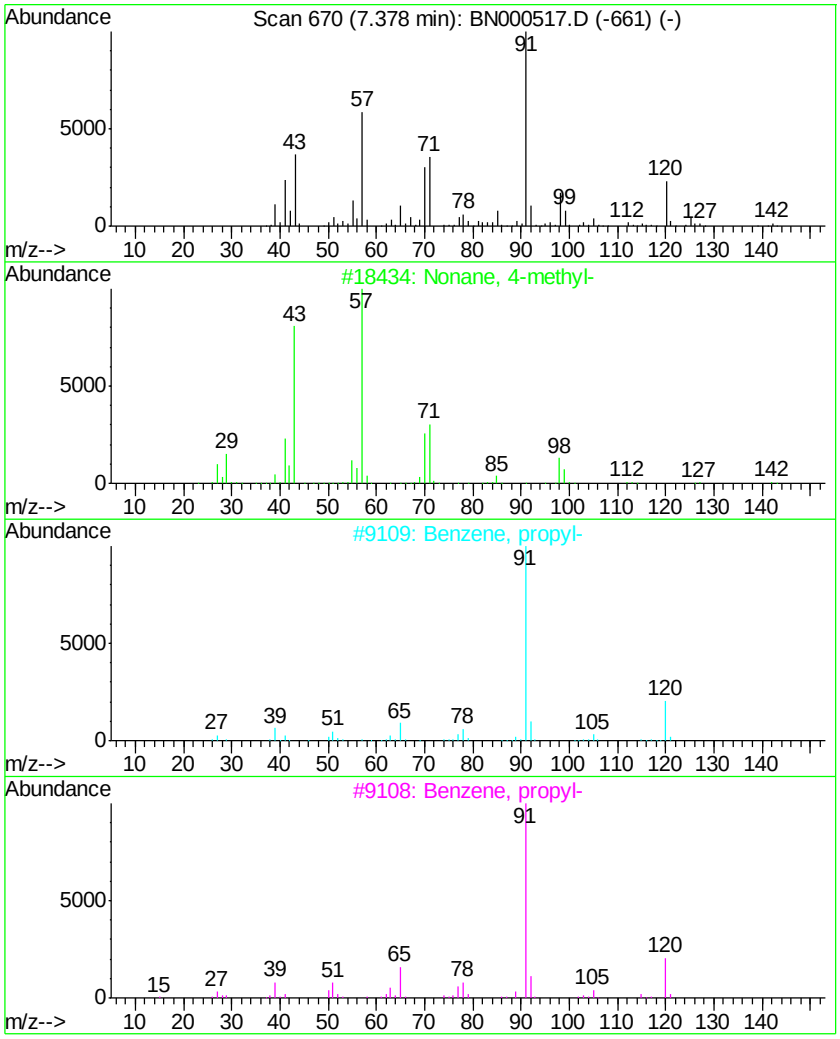
Quant Title : SVOA CALIBRATION

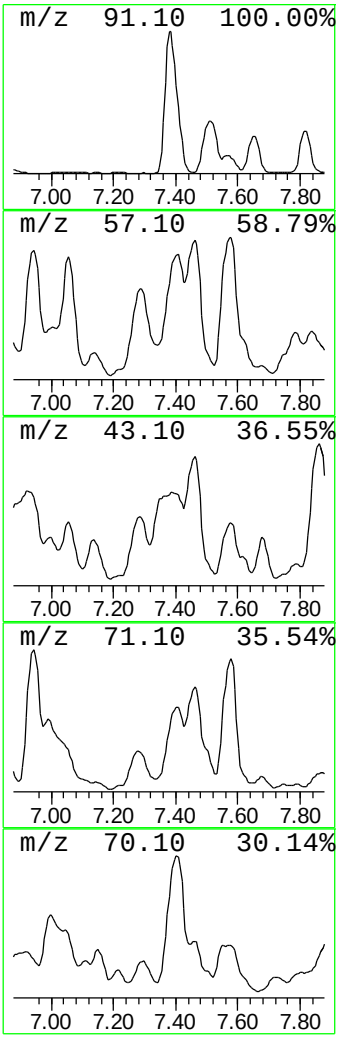
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	22.53 ng/ul	23693900	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	38
2	Benzene, propyl-	120	C9H12	000103-65-1	38
3	Benzene, propyl-	120	C9H12	000103-65-1	38
4	Benzene, propyl-	120	C9H12	000103-65-1	30
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	22





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ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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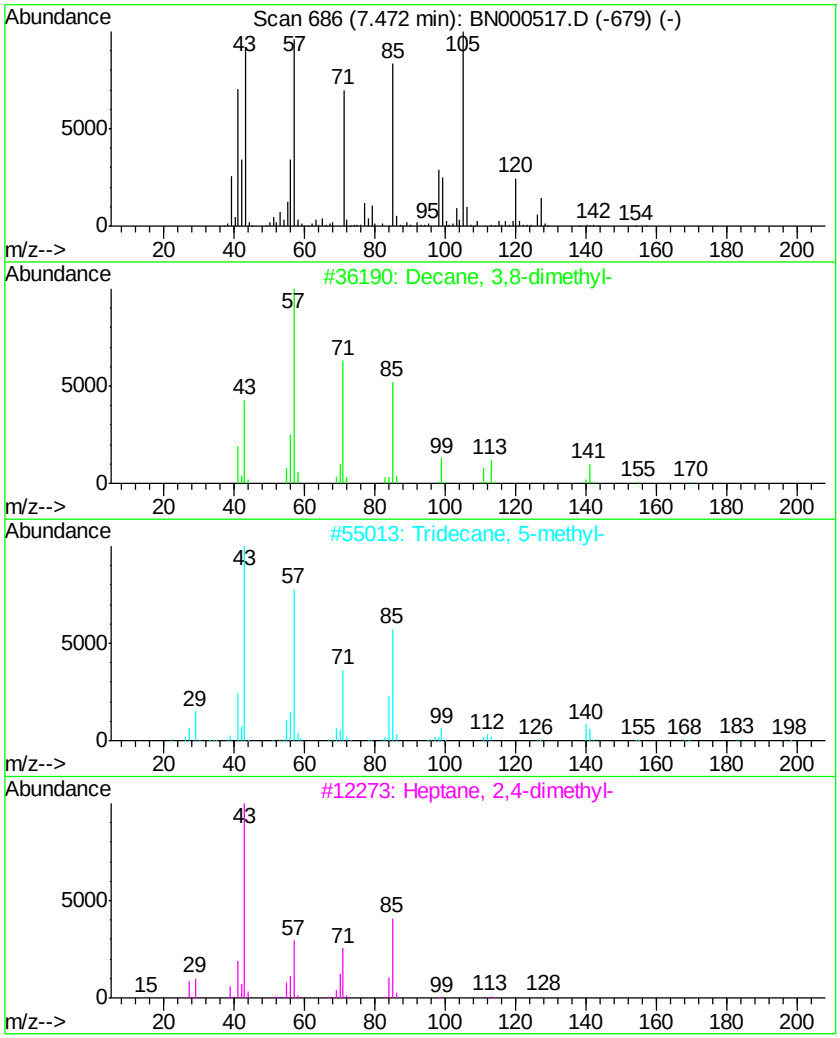
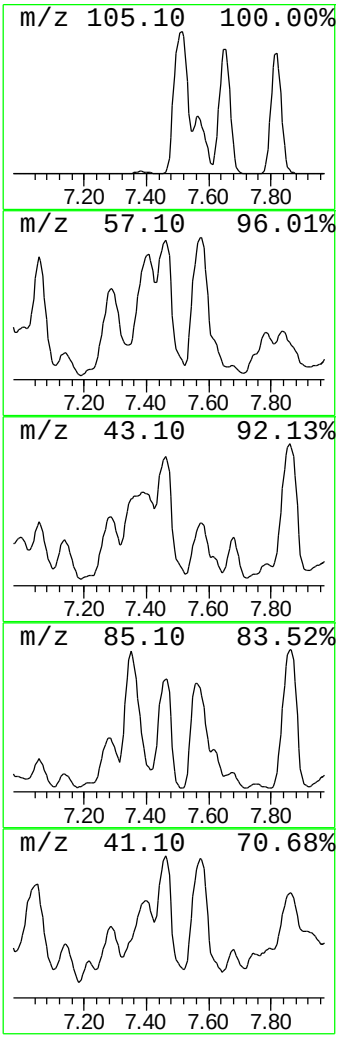
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	6.95 ng/ul	7305720	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
2	Tridecane, 5-methyl-	198	C14H30	025117-31-1	47
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
4	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	43
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	43





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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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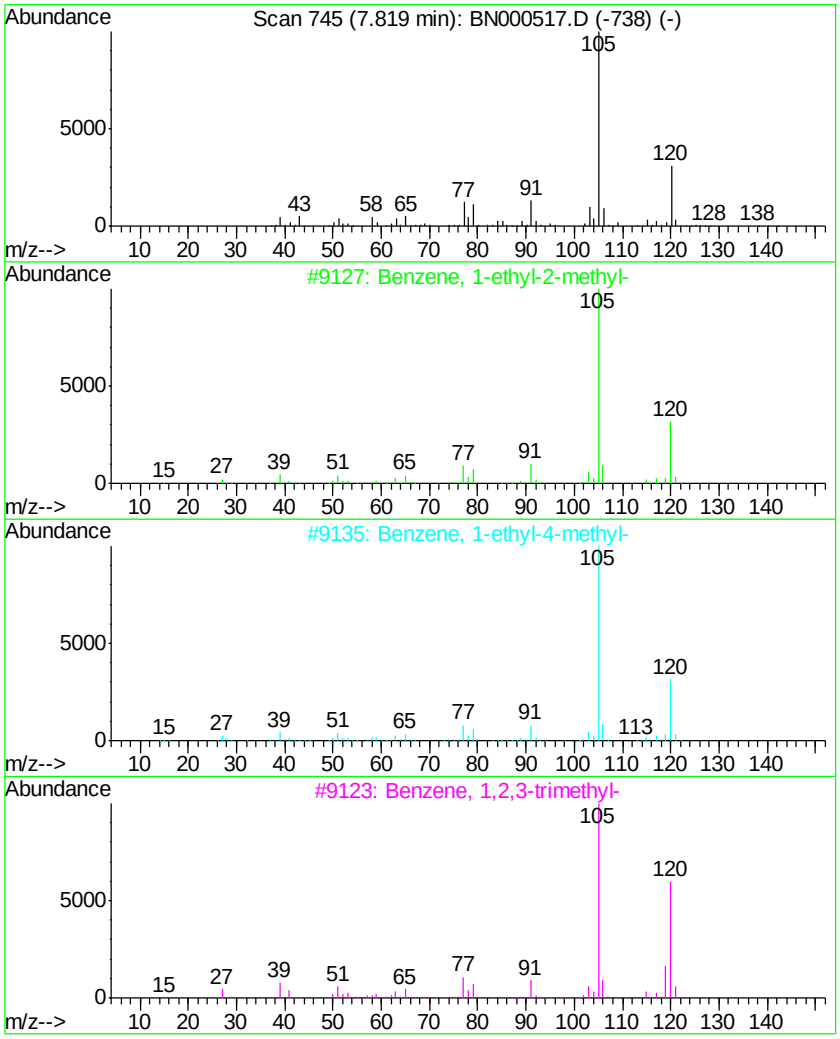
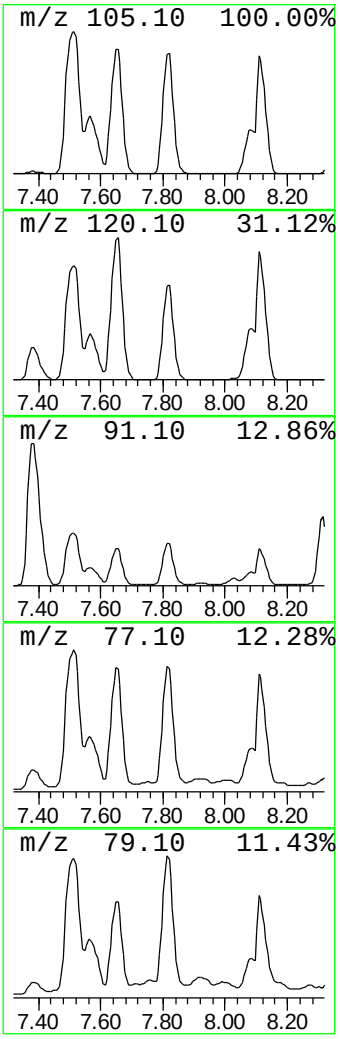
Peak Number 23 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	18.32 ng/ul	19269900	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
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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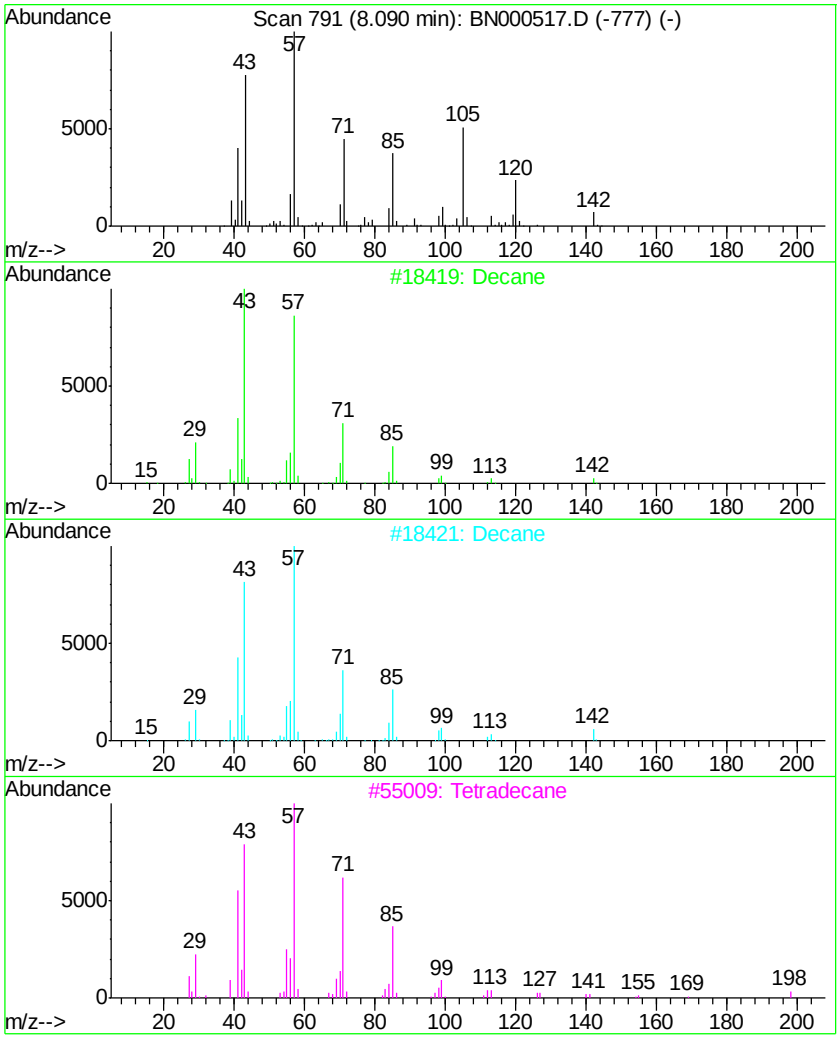
Quant Title : SVOA CALIBRATION

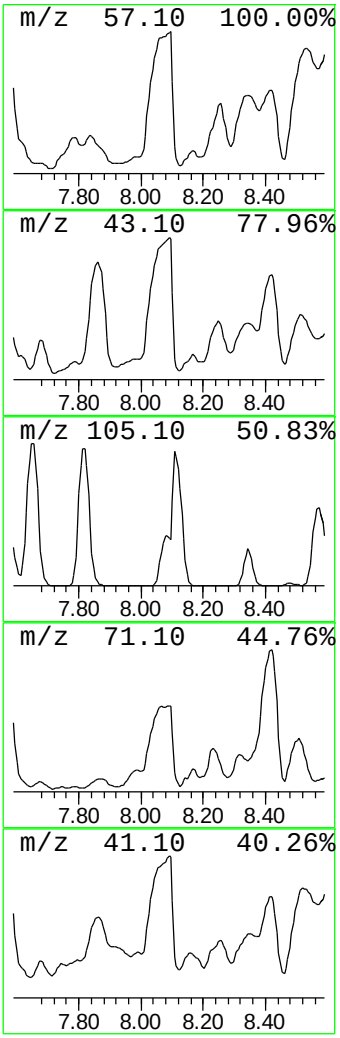
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	54.74 ng/ul	57581200	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	76
2	Decane	142	C10H22	000124-18-5	76
3	Tetradecane	198	C14H30	000629-59-4	64
4	Tritetracontane	605	C43H88	007098-21-7	59
5	Heptadecane	240	C17H36	000629-78-7	59





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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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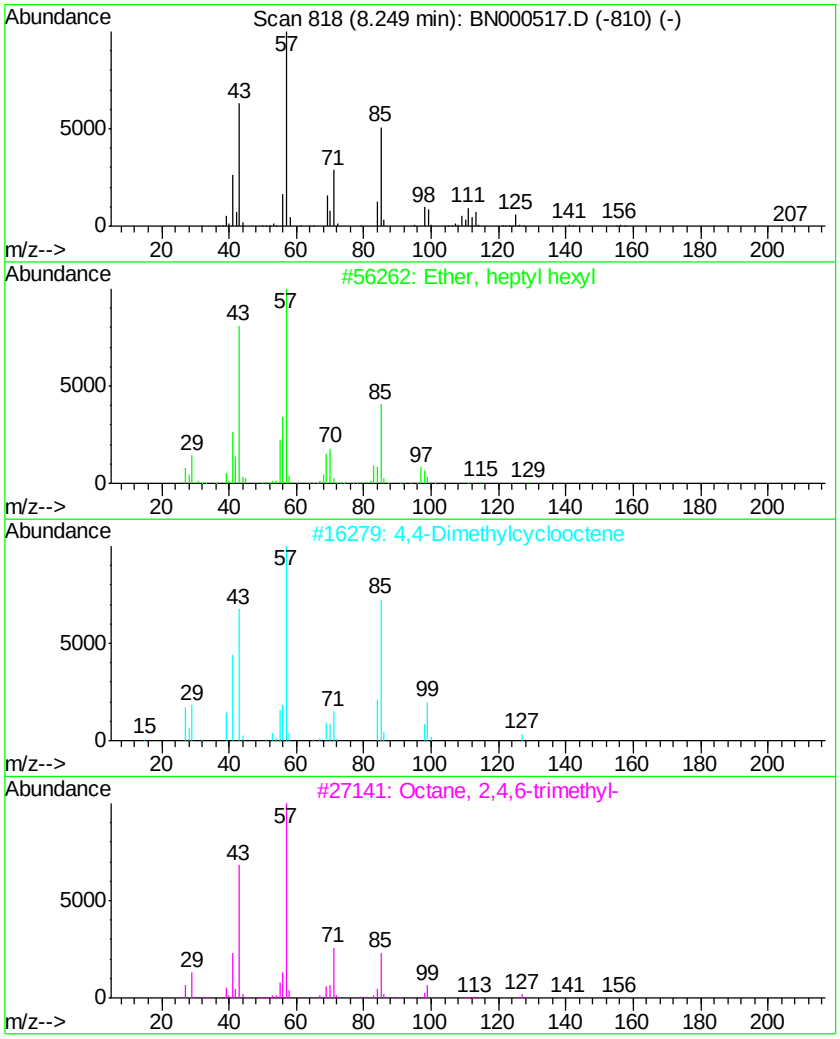
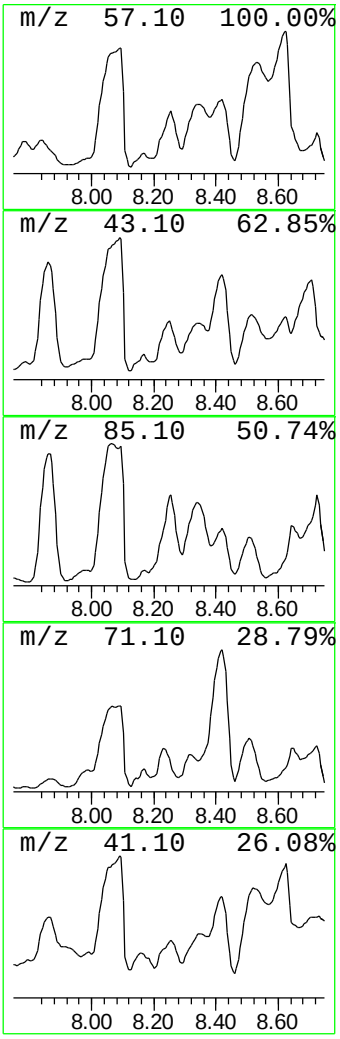
Peak Number 25 Ether, heptyl hexyl Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	8.66 ng/ul	9108070	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, heptyl hexyl	200	C13H28O	007289-40-9	53
2	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	50
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	50
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43





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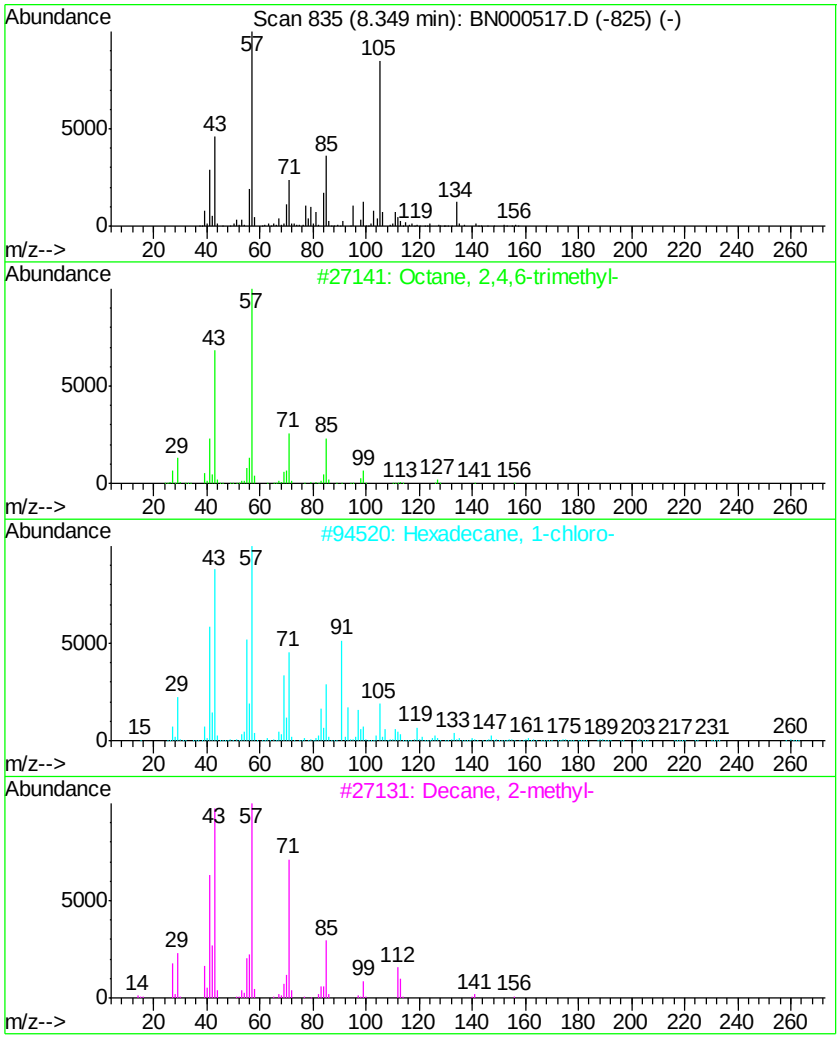
Quant Title : SVOA CALIBRATION

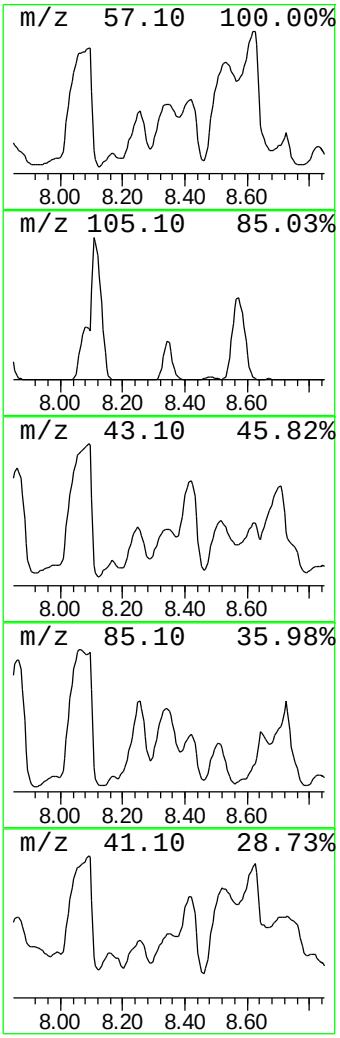
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	13.36 ng/ul	14057100	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	47
3	Decane, 2-methyl-	156	C11H24	006975-98-0	38
4	Hexadecane	226	C16H34	000544-76-3	38
5	1-Iodoundecane	282	C11H23I	004282-44-4	35





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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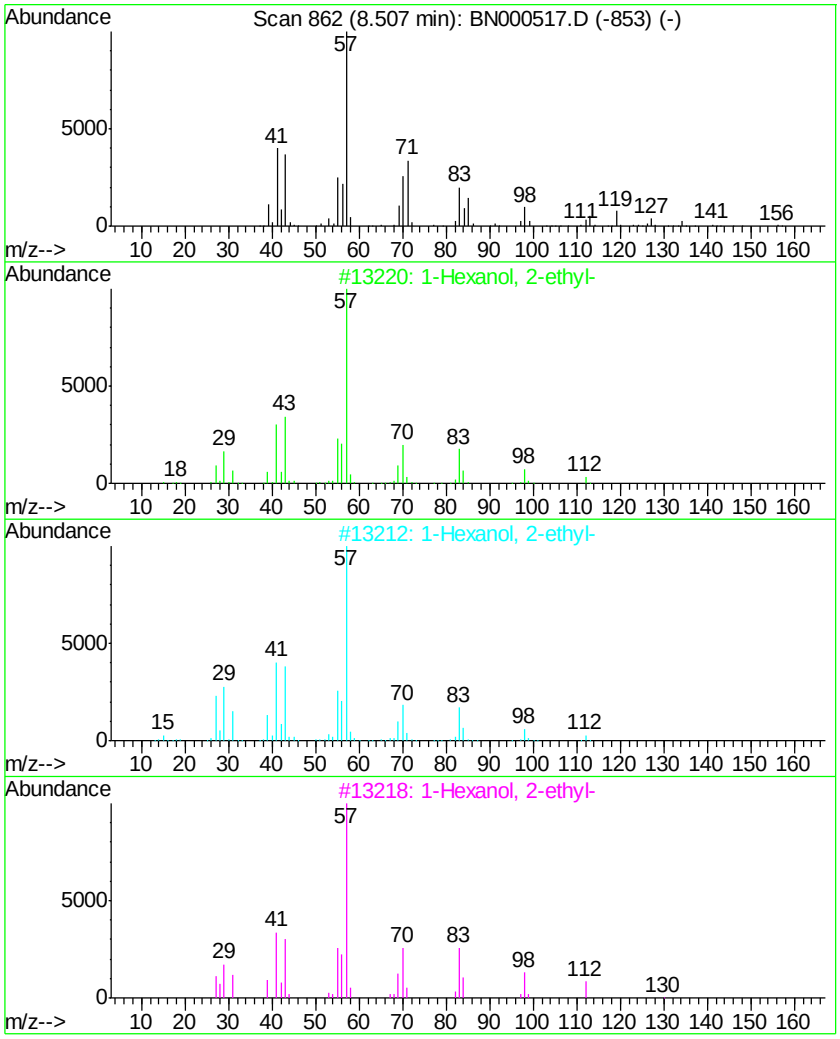
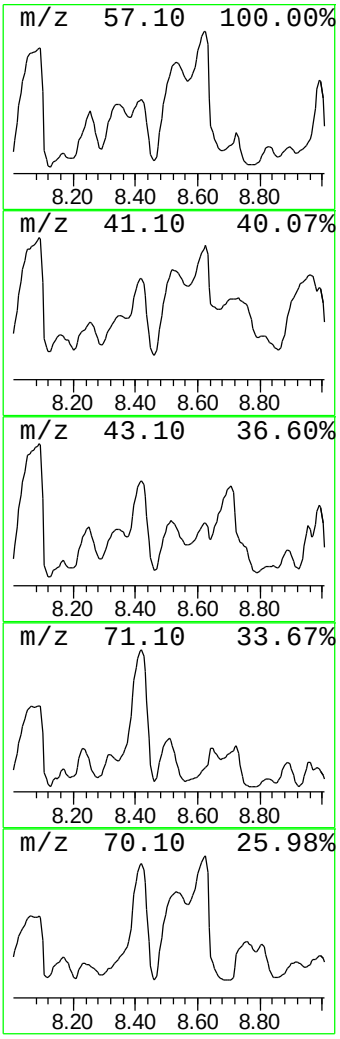
Peak Number 27 1-Hexanol, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	20.00 ng/ul	21037300	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	50





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TIC Integration Parameters: LSCINT.P

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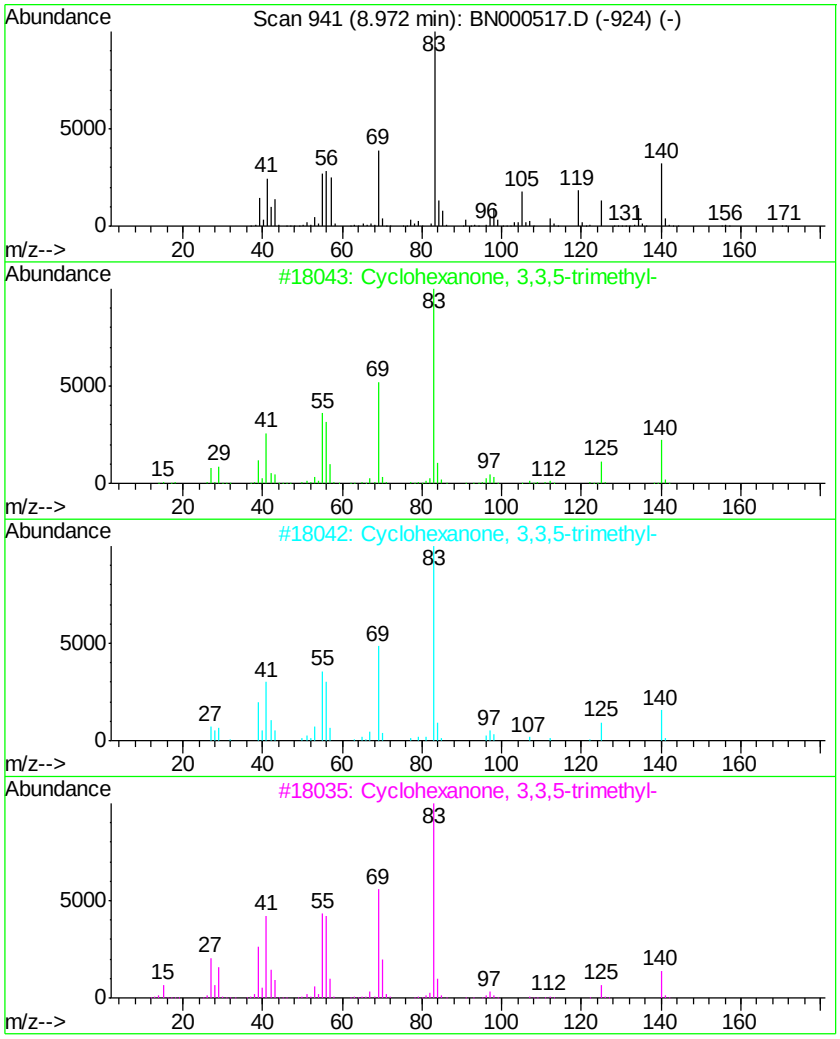
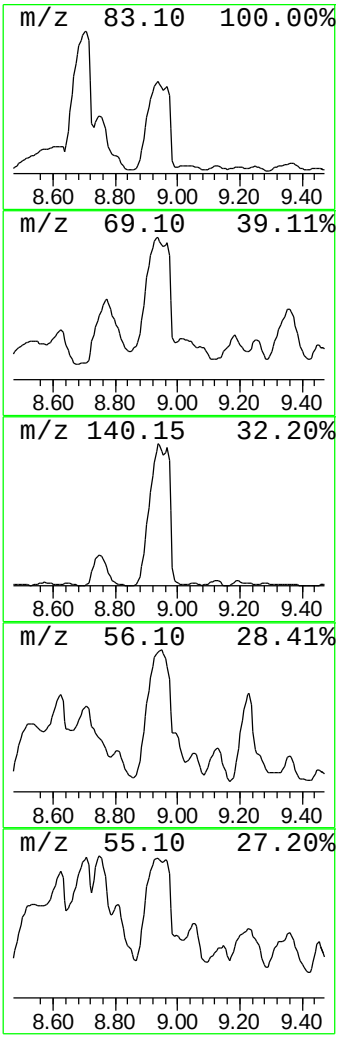
Peak Number 28 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	46.53 ng/ul	48940300	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	83
4	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	46
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	43





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TIC Integration Parameters: LSCINT.P

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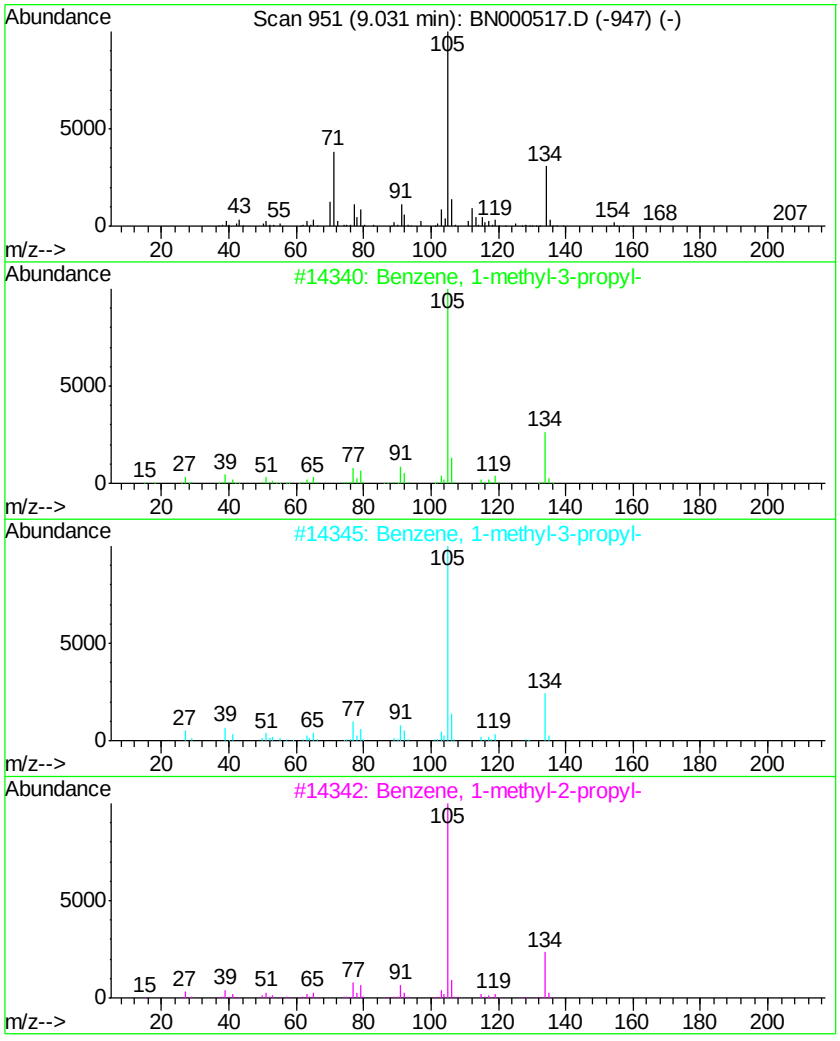
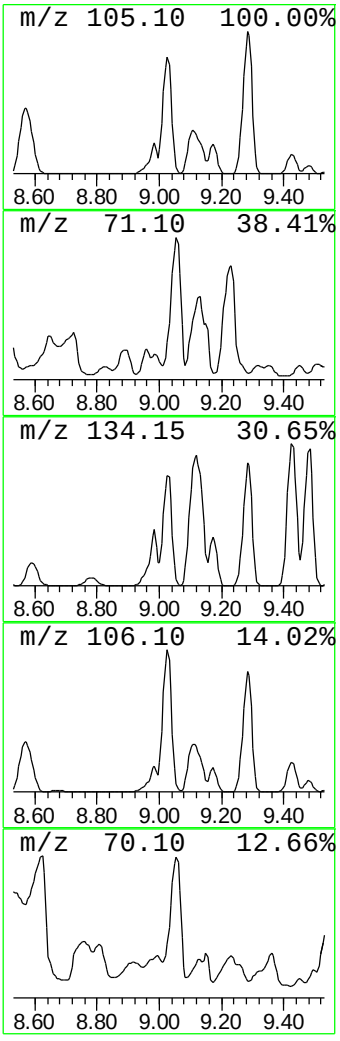
Peak Number 29 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	22.69 ng/ul	23866700	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	55
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50





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ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

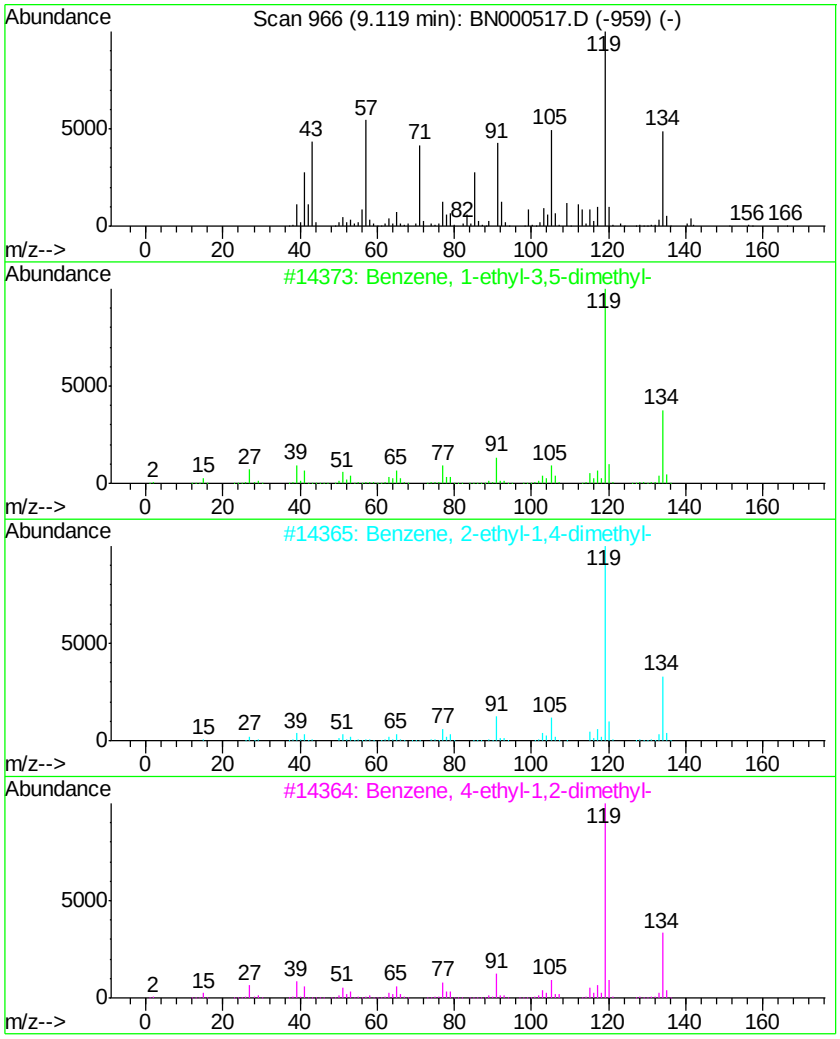
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

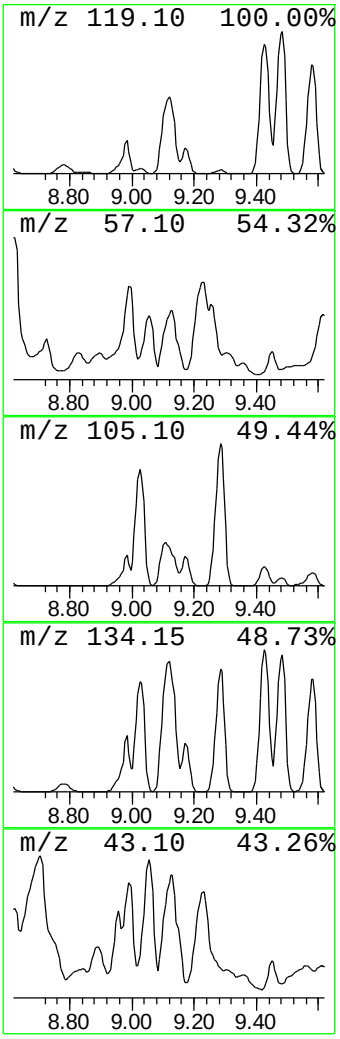
****

Peak Number 30 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	31.54 ng/ul	33176600	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	55
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55





Library Search Compound Report

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Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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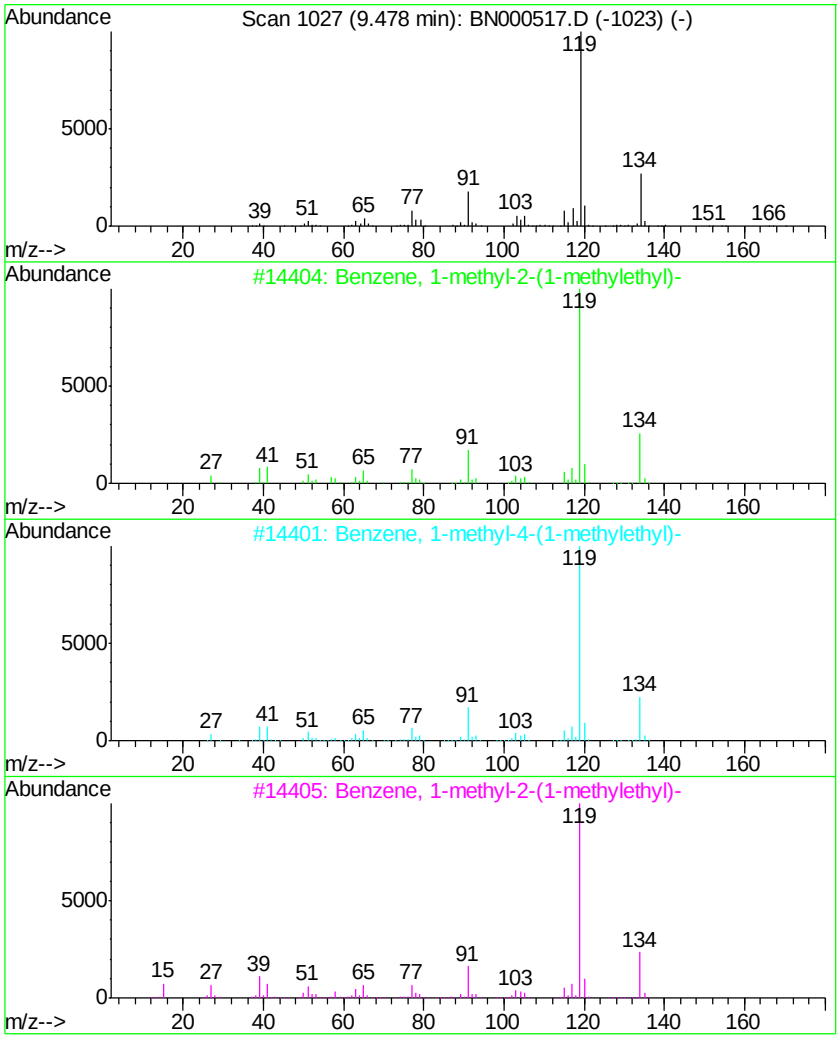
Quant Title : SVOA CALIBRATION

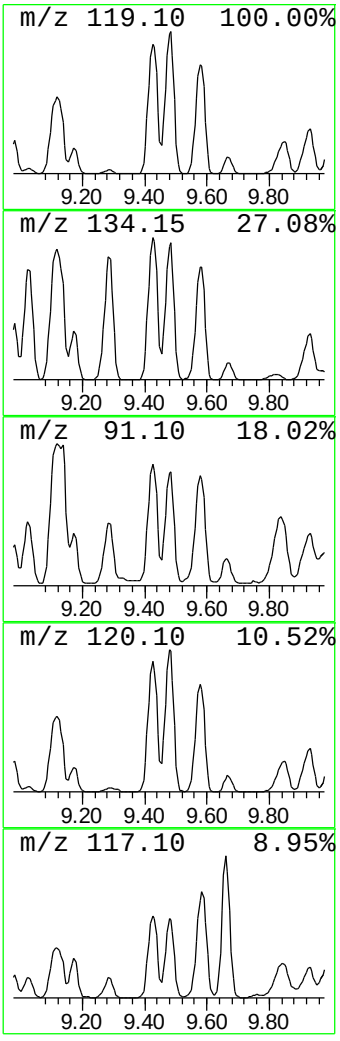
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-methyl-2-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	14.47 ng/ul	15215500	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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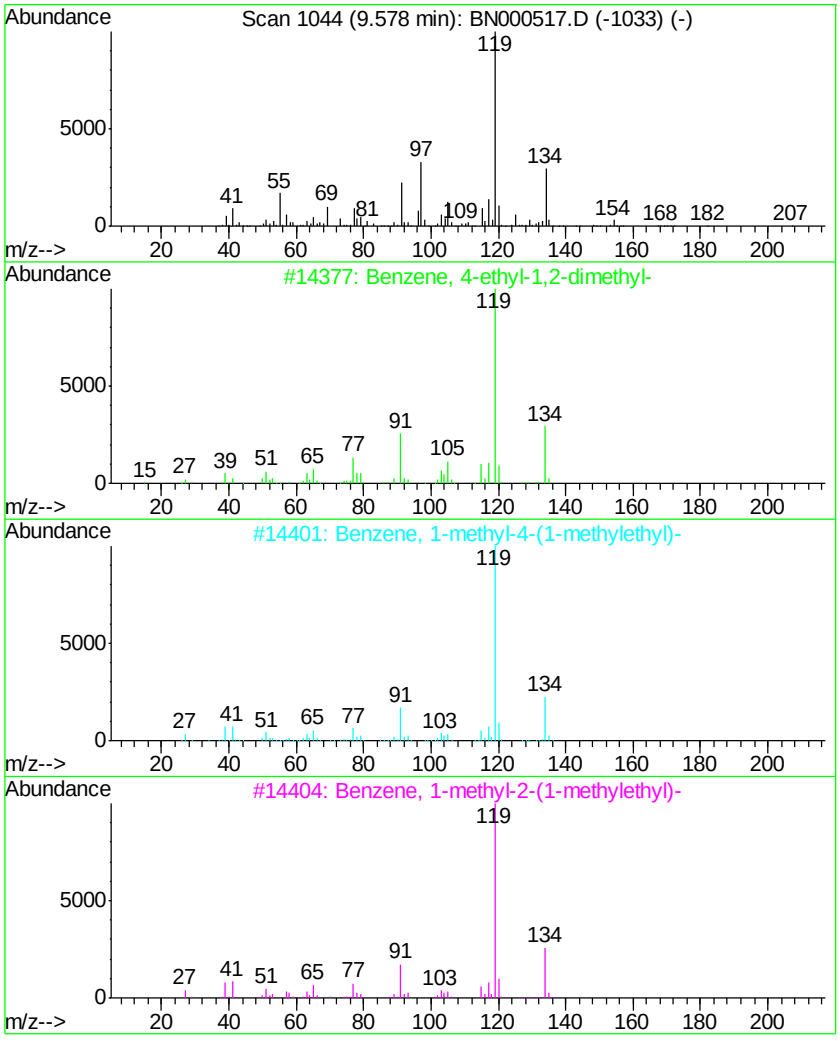
Quant Title : SVOA CALIBRATION

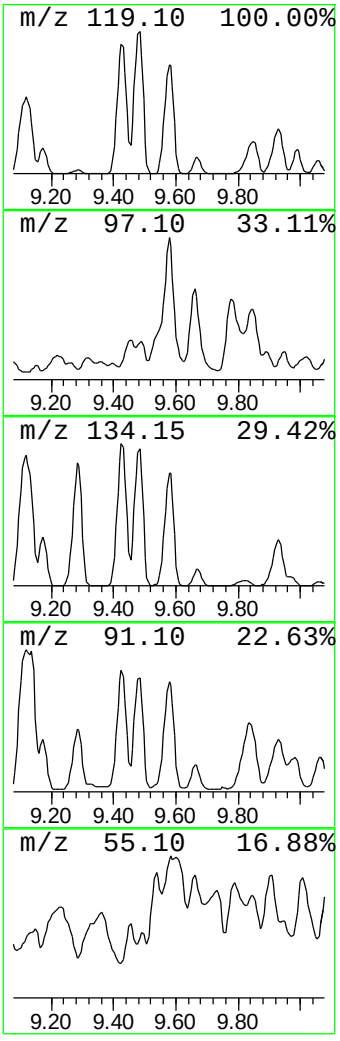
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	33.42 ng/ul	35156600	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

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Sample : J1905-16
Misc :
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Instrument : BNA_N
ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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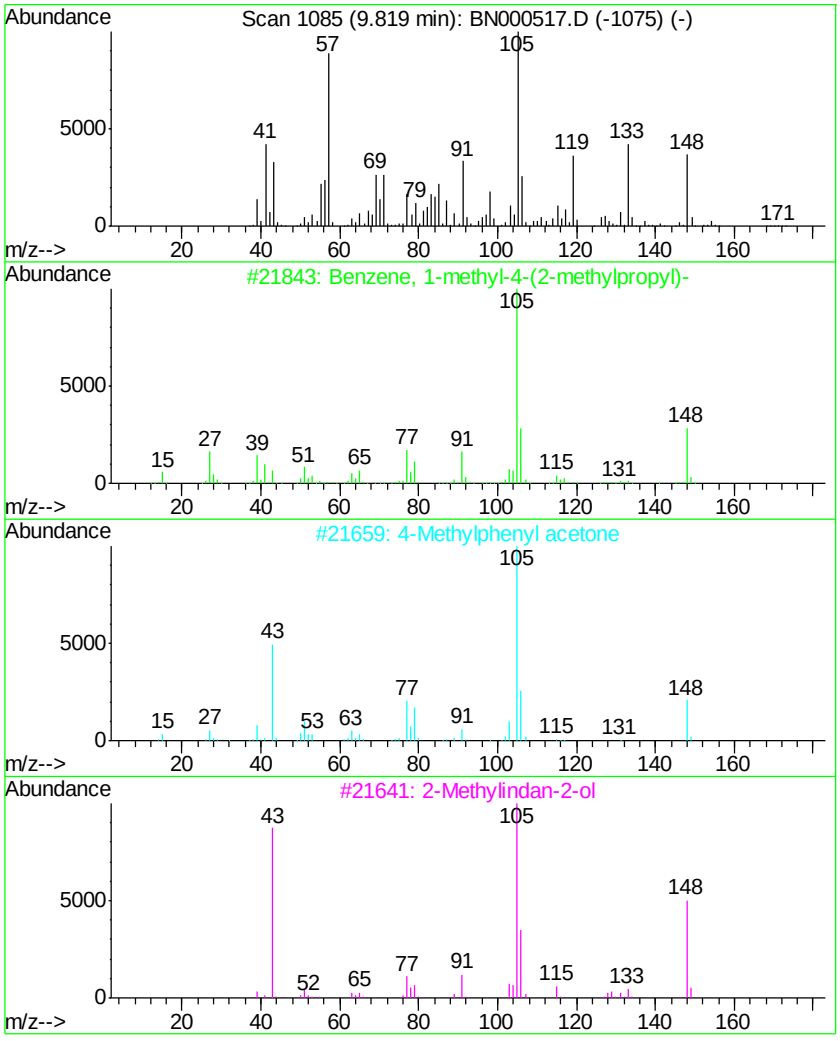
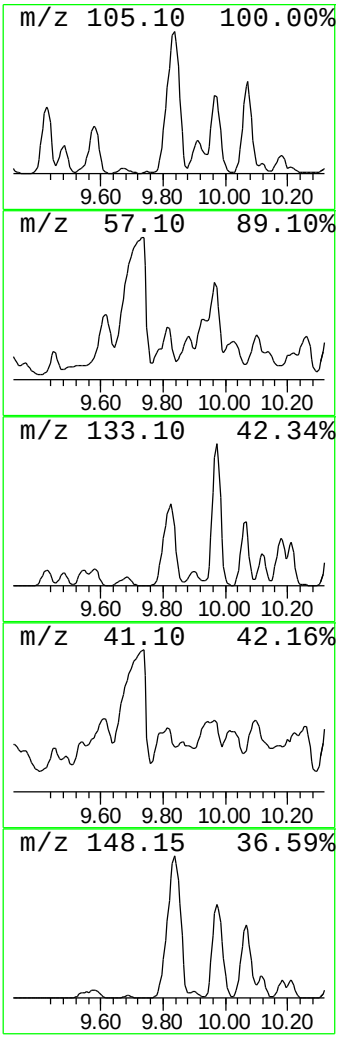
Peak Number 33 Benzene, 1-methyl-4-(2-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	29.86 ng/ul	31405600	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	55
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	46
4	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	46
5	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	43





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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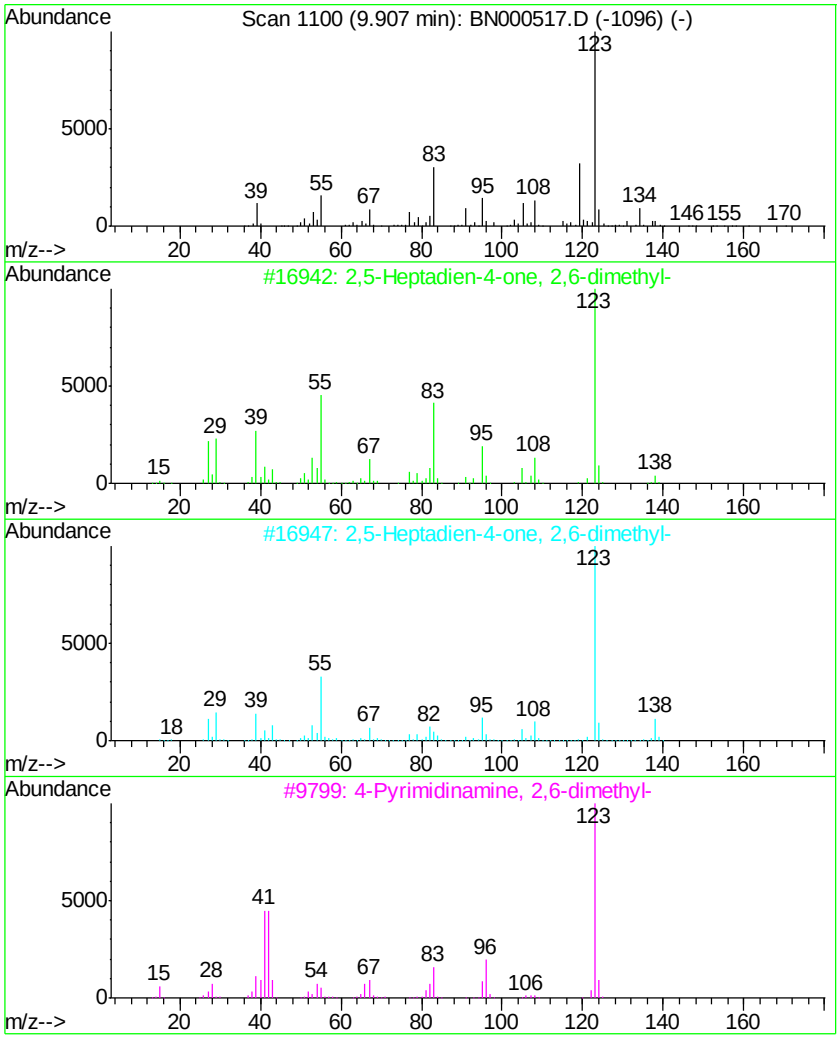
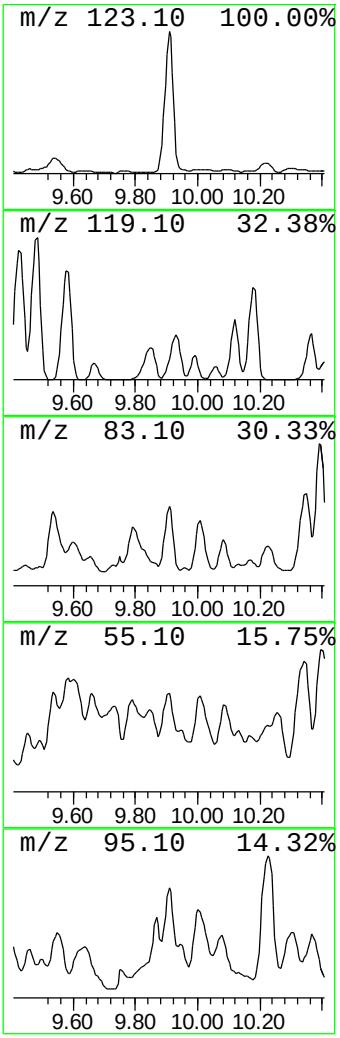
Peak Number 34 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	10.90 ng/ul	13481100	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	46
2	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	43
3	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	43
4	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	40
5	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	38





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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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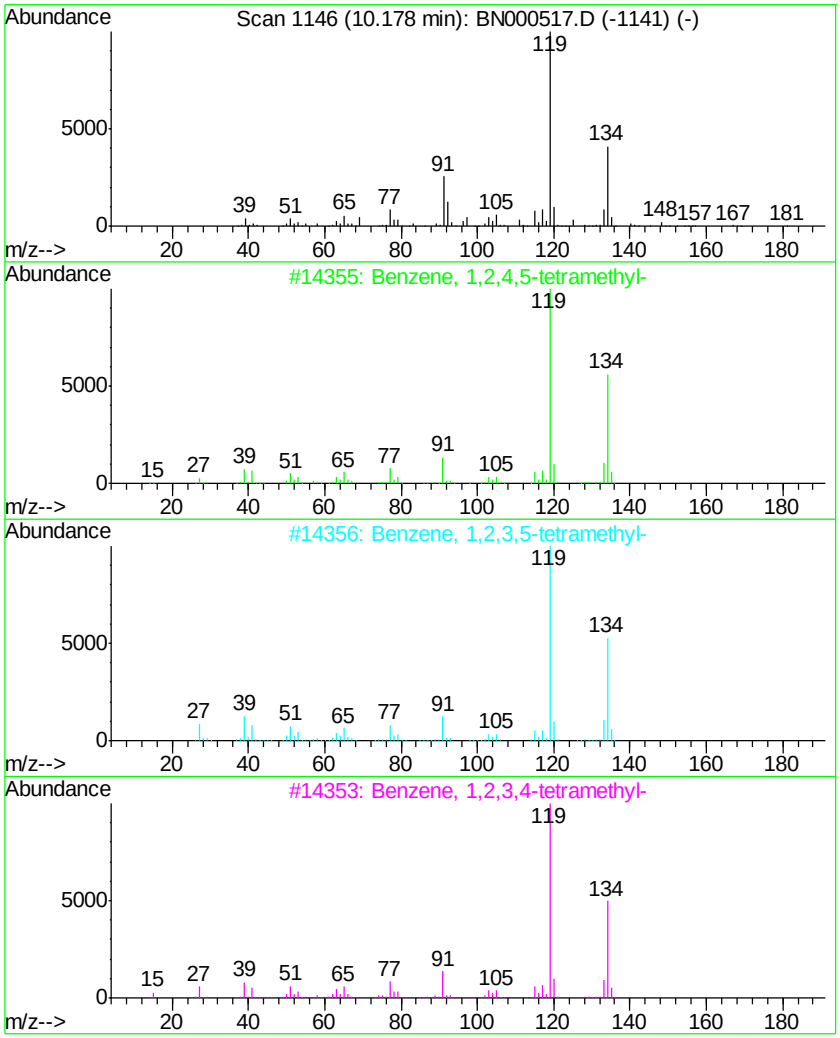
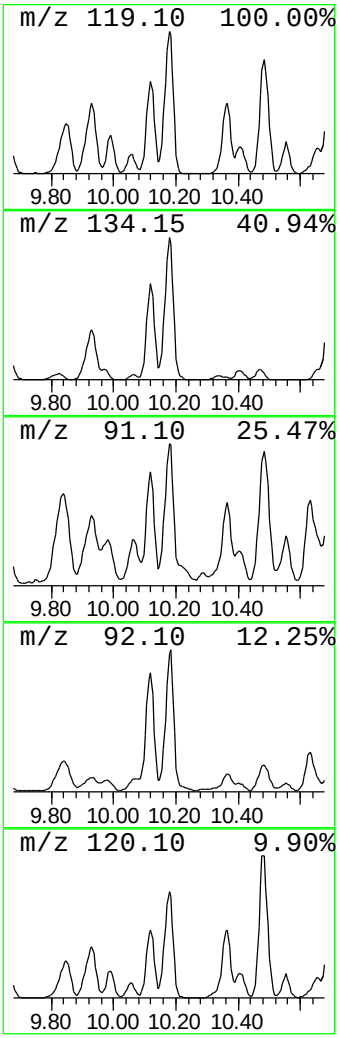
Peak Number 35 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	8.73 ng/ul	10790400	Naphthalene-d8	11.30

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





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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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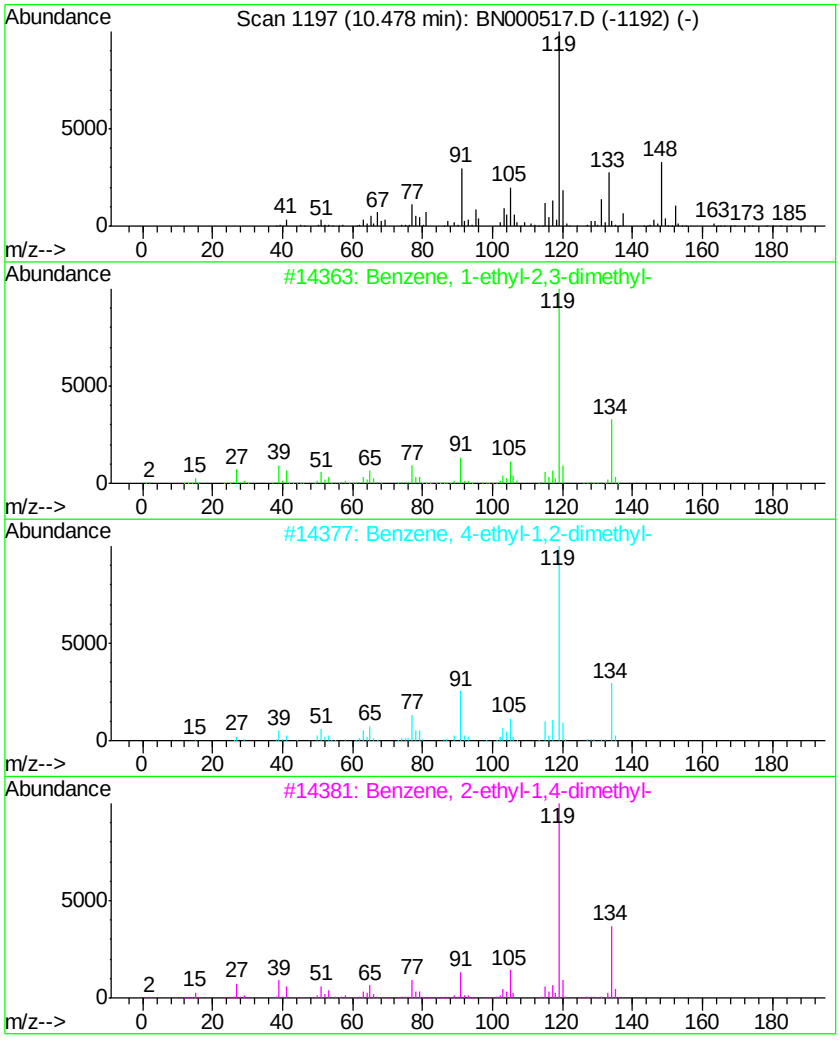
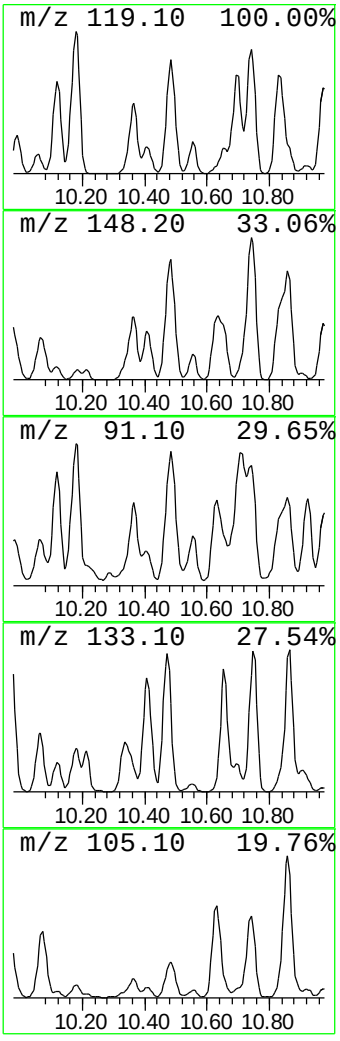
Peak Number 36 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	9.89 ng/ul	12237300	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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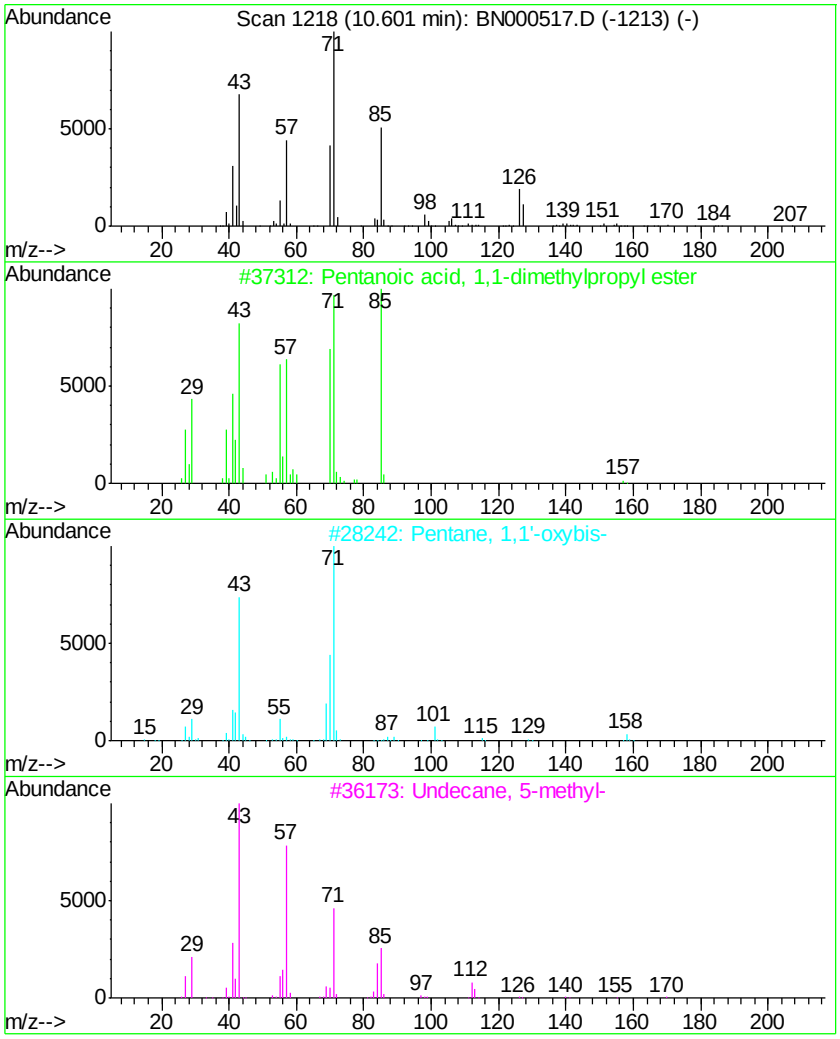
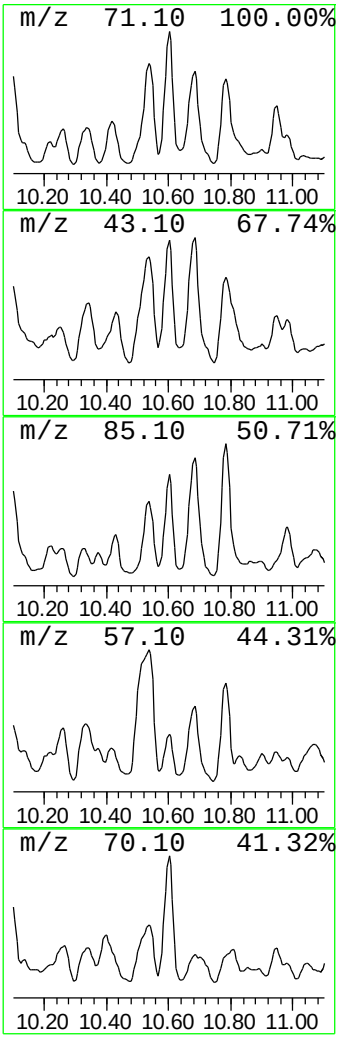
Peak Number 37 unknown-04 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	6.58 ng/ul	8135900	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	47
2	Pentane, 1,1'-oxybis-	158	C10H22O	000693-65-2	47
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
4	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	47
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	43





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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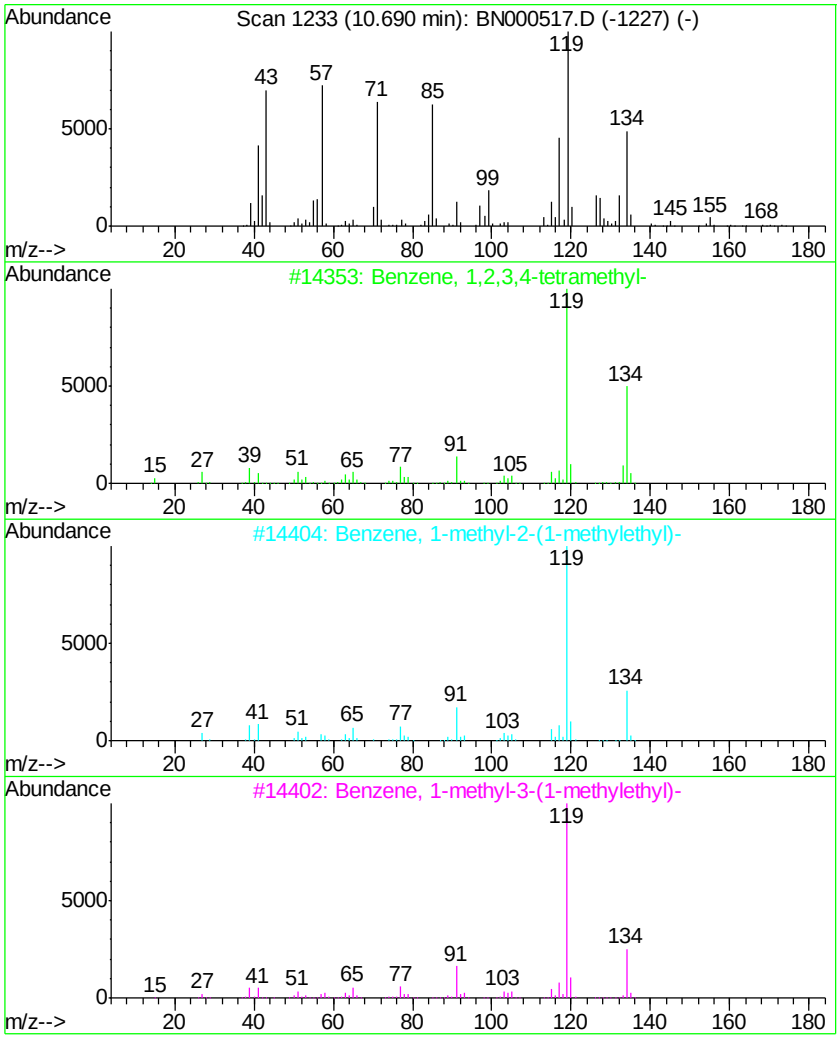
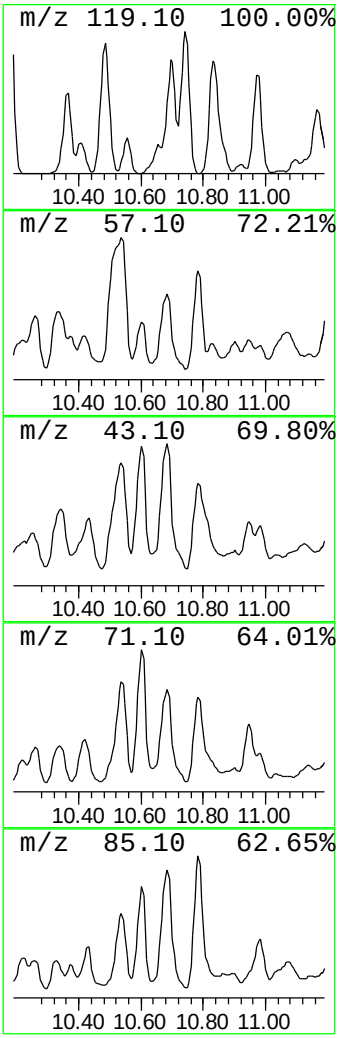
Peak Number 38 unknown-05 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	8.97 ng/ul	11088100	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	41
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	41





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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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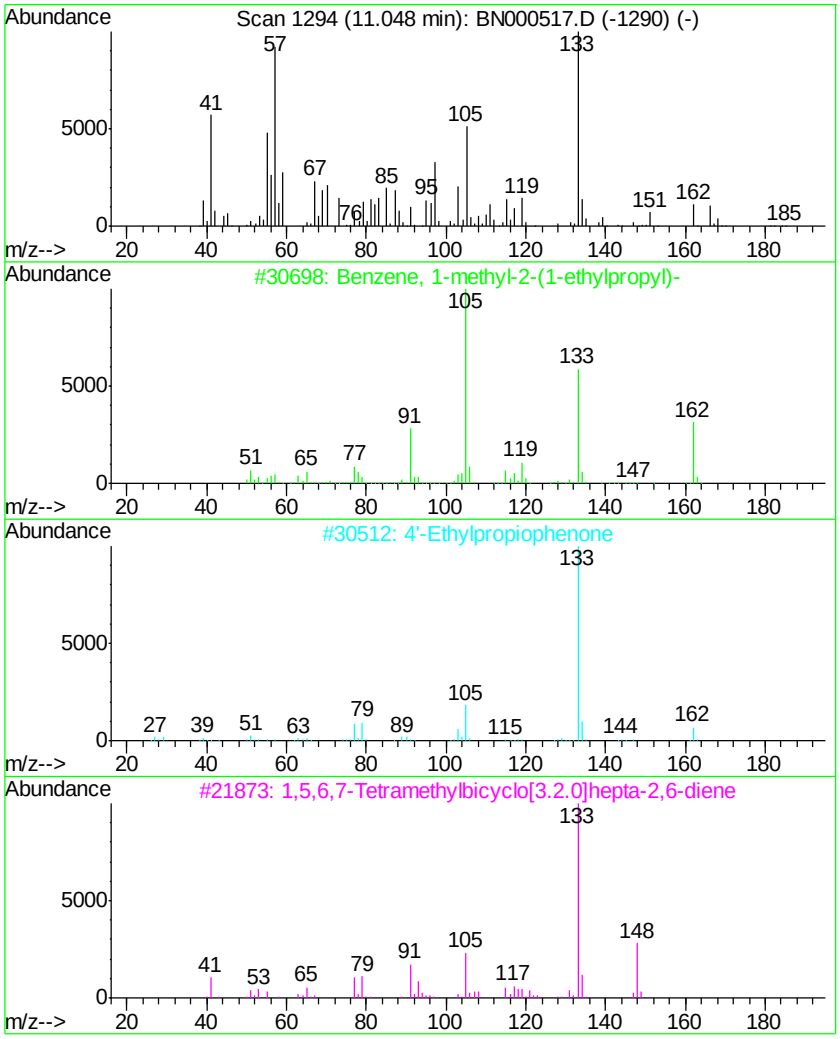
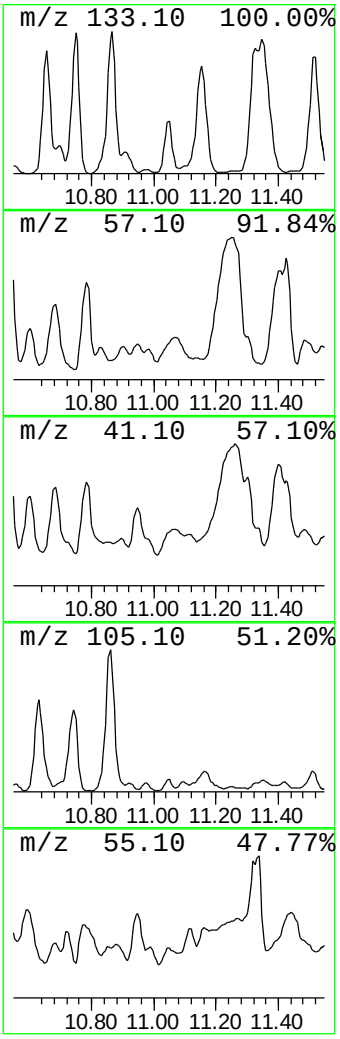
Peak Number 39 unknown-06 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.48 ng/ul	3062270	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	49
2	4'-Ethylpropiophenone	162	C11H14O	027465-51-6	43
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	38
4	Benzene, 1-isocyano-2-methoxy-	133	C8H7NO	020771-60-2	38
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	38





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Quant Title : SVOA CALIBRATION

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

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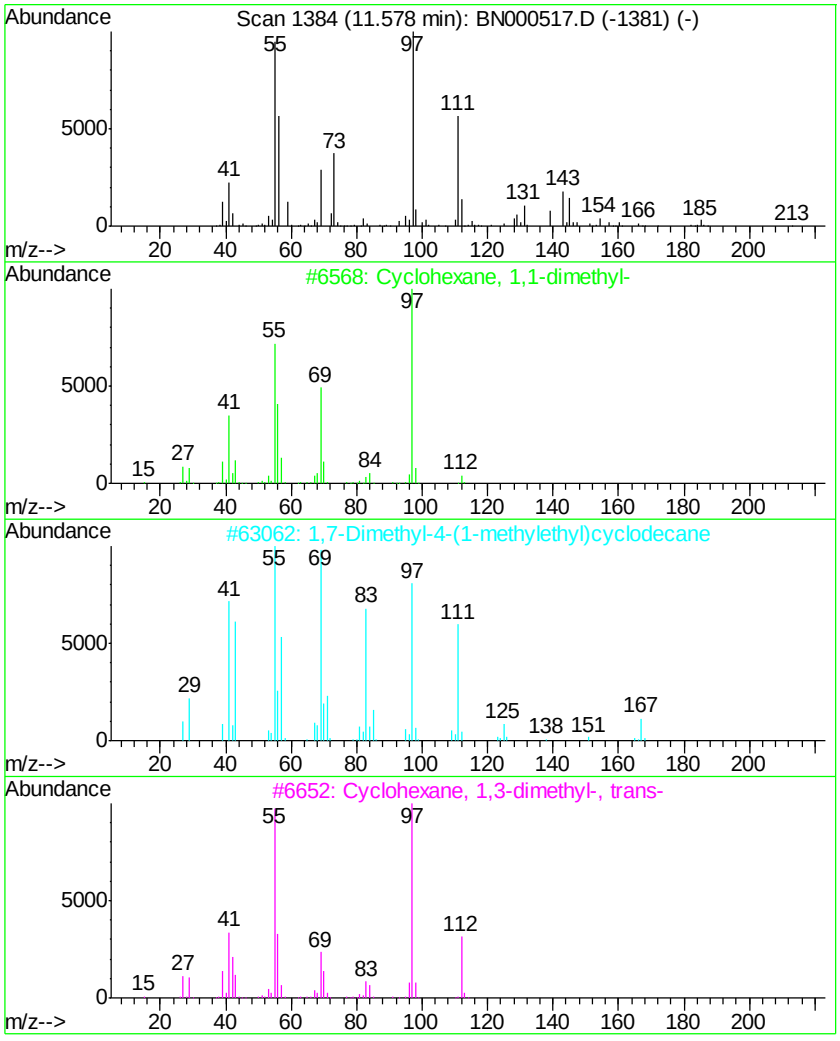
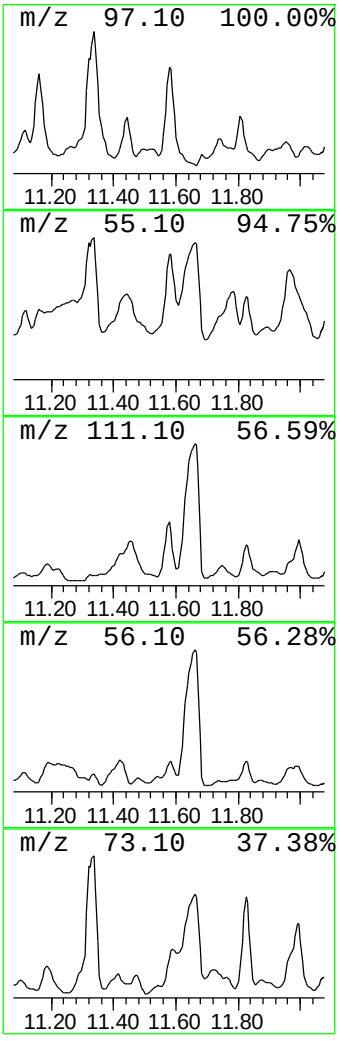
Peak Number 40 (DEL) Alkane: Cyclic11.58 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.01 ng/ul	2483650	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	37
2	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	33
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	32
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	32
5	Cycloheptane, methyl-	112	C8H16	004126-78-7	32





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Quant Title : SVOA CALIBRATION

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

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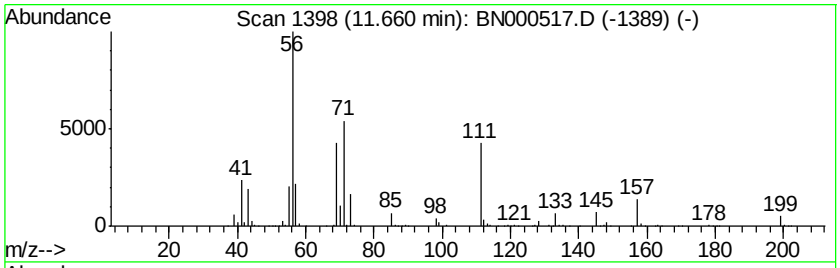
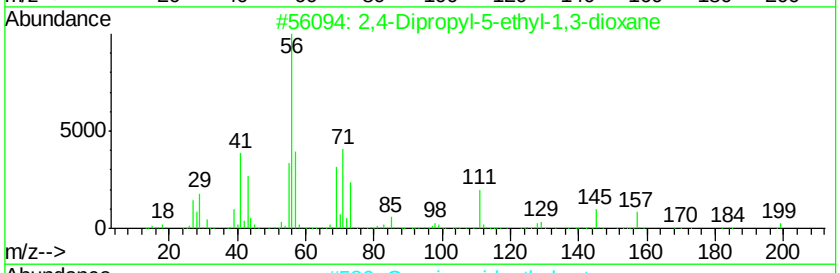
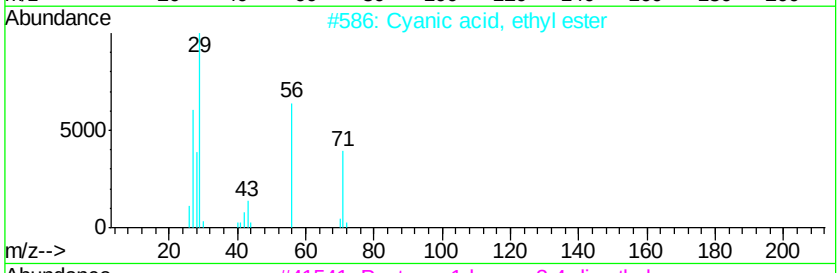
Peak Number 41 unknown-07 Concentration Rank 24

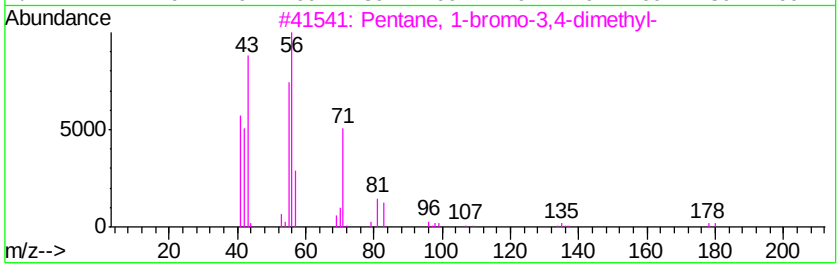
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	16.60 ng/ul	20534300	Naphthalene-d8	11.30

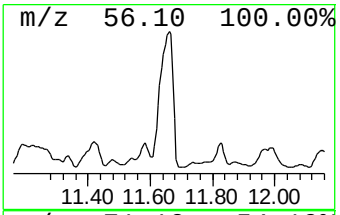
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	40
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	37
3	Pentane, 1-bromo-3,4-dimethyl-	178	C7H15Br	006570-92-9	28
4	1-Hexanol, 3-methyl-	116	C7H16O	013231-81-7	17
5	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	16

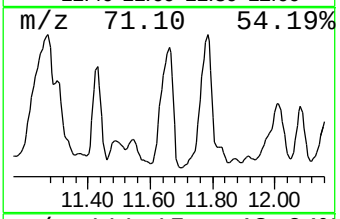


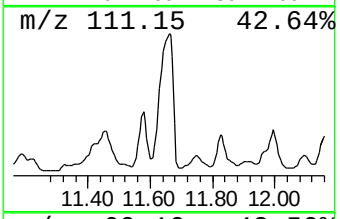


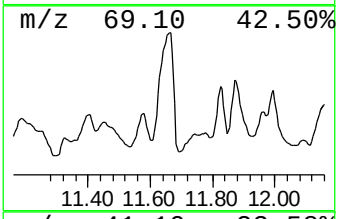


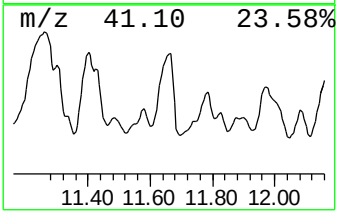












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Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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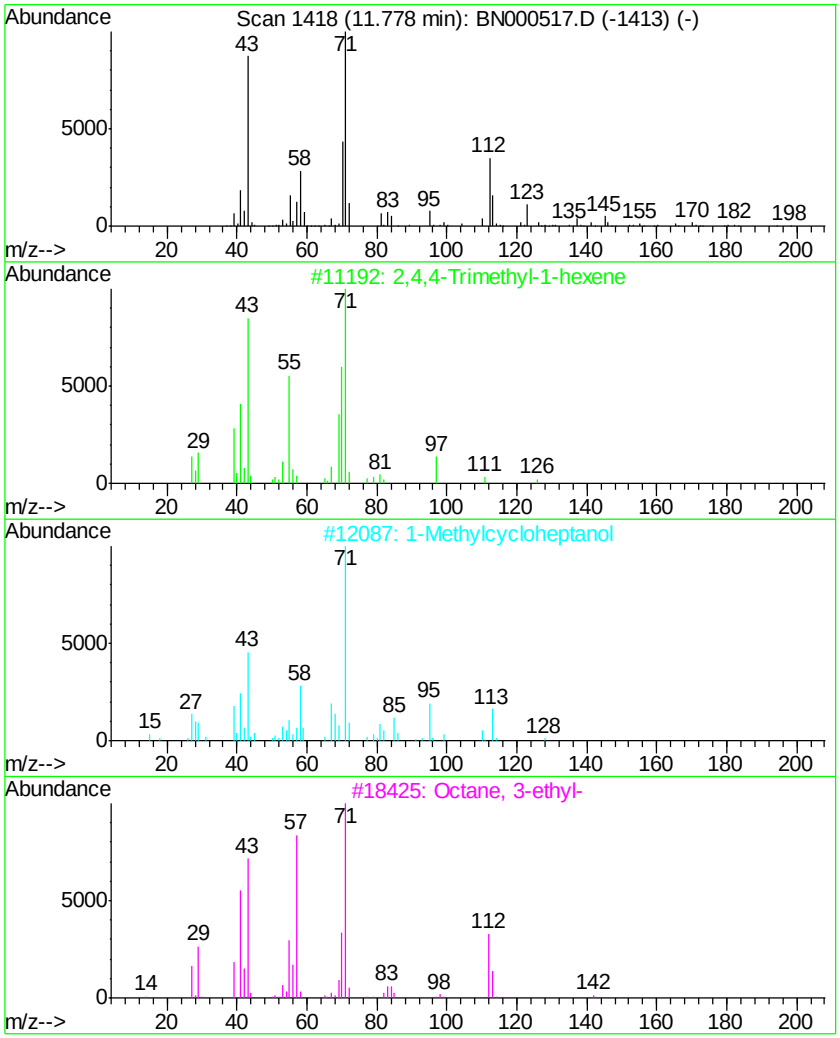
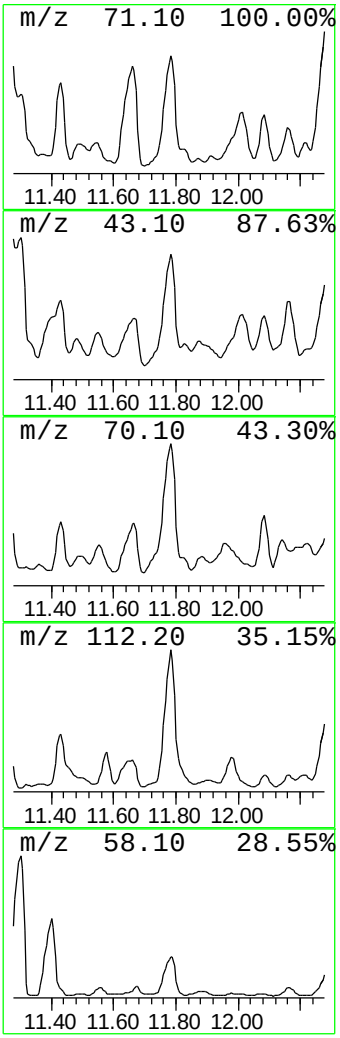
Peak Number 42 (DEL) Alkane: Cyclic11.78 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	7.19 ng/ul	8895430	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
2	1-Methylcycloheptanol	128	C8H16O	003761-94-2	47
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	45
4	Butyric acid, m-fluorophenyl ester	182	C10H11FO2	029052-04-8	43
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	42





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

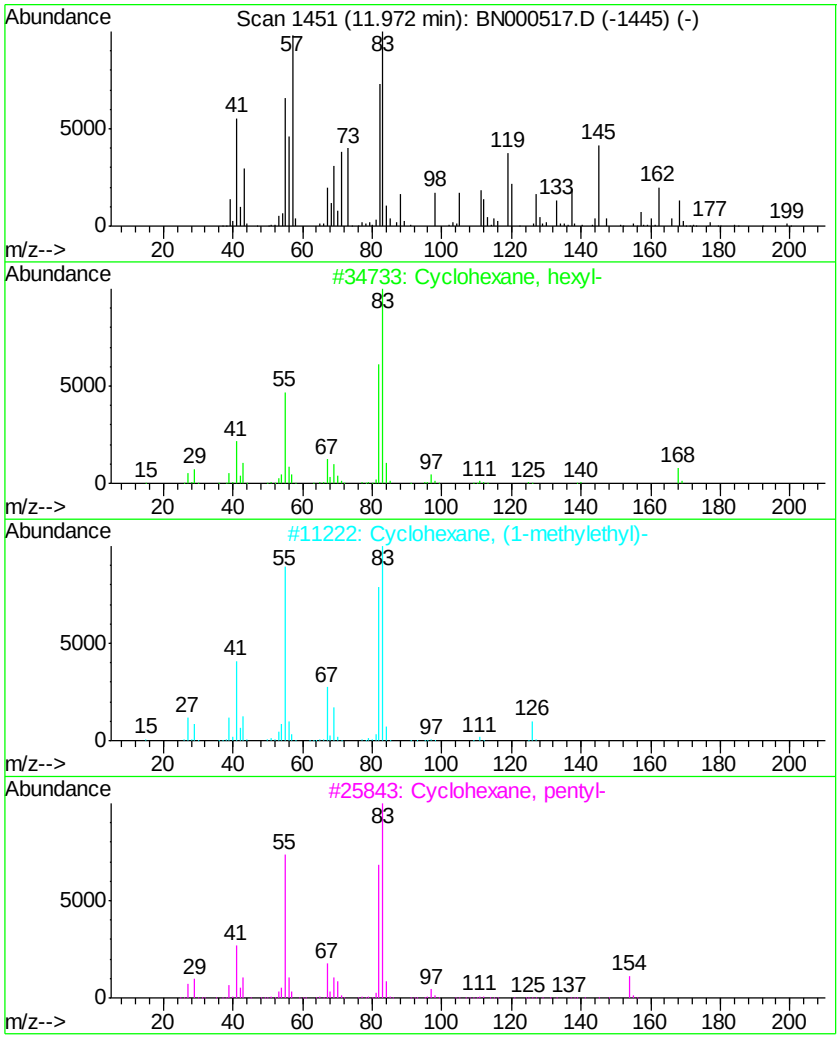
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

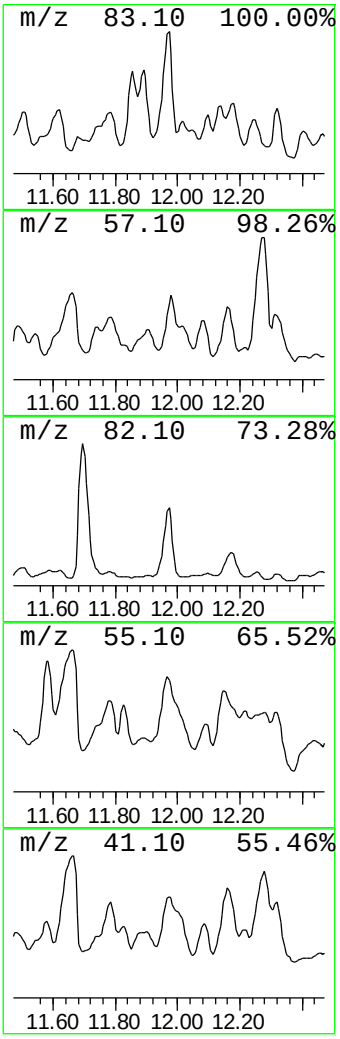
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Cyclic11.97 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.70 ng/ul	10764500	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	35
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	35
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	35





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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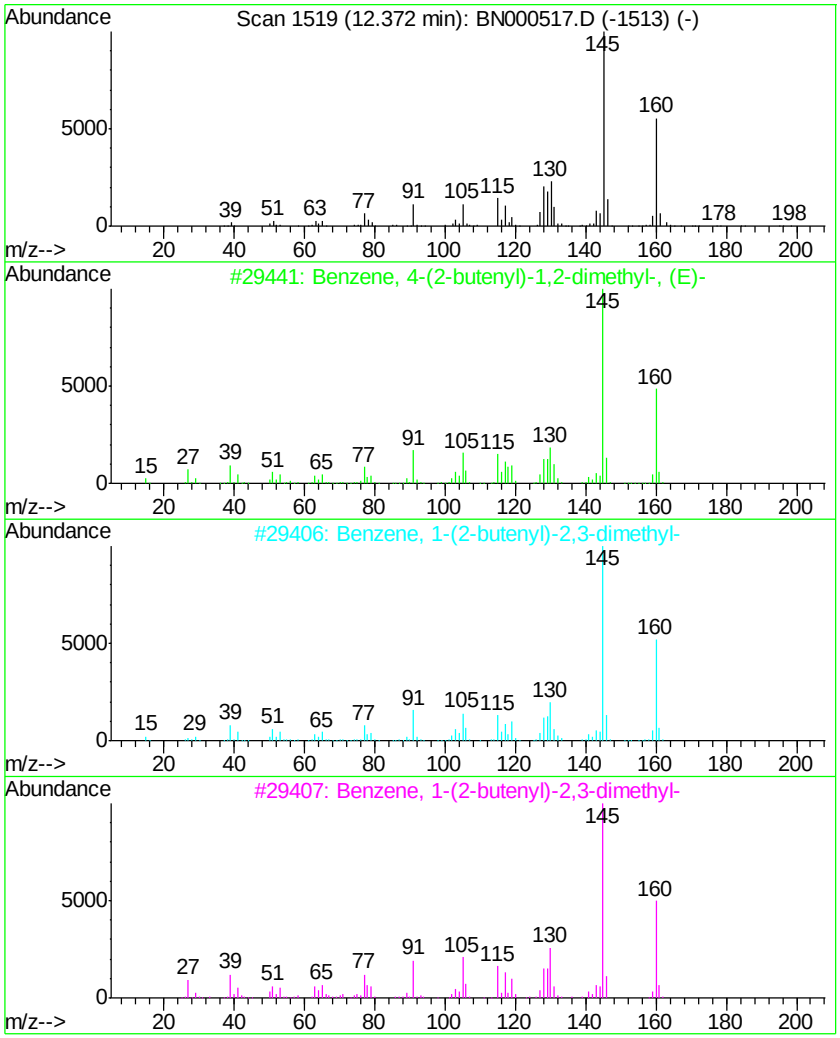
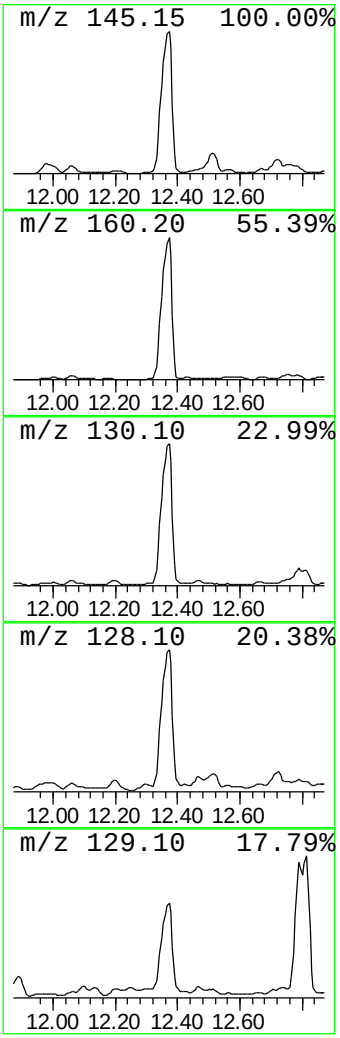
Peak Number 44 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	19.59 ng/ul	24232700	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	94
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	94
5	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	90





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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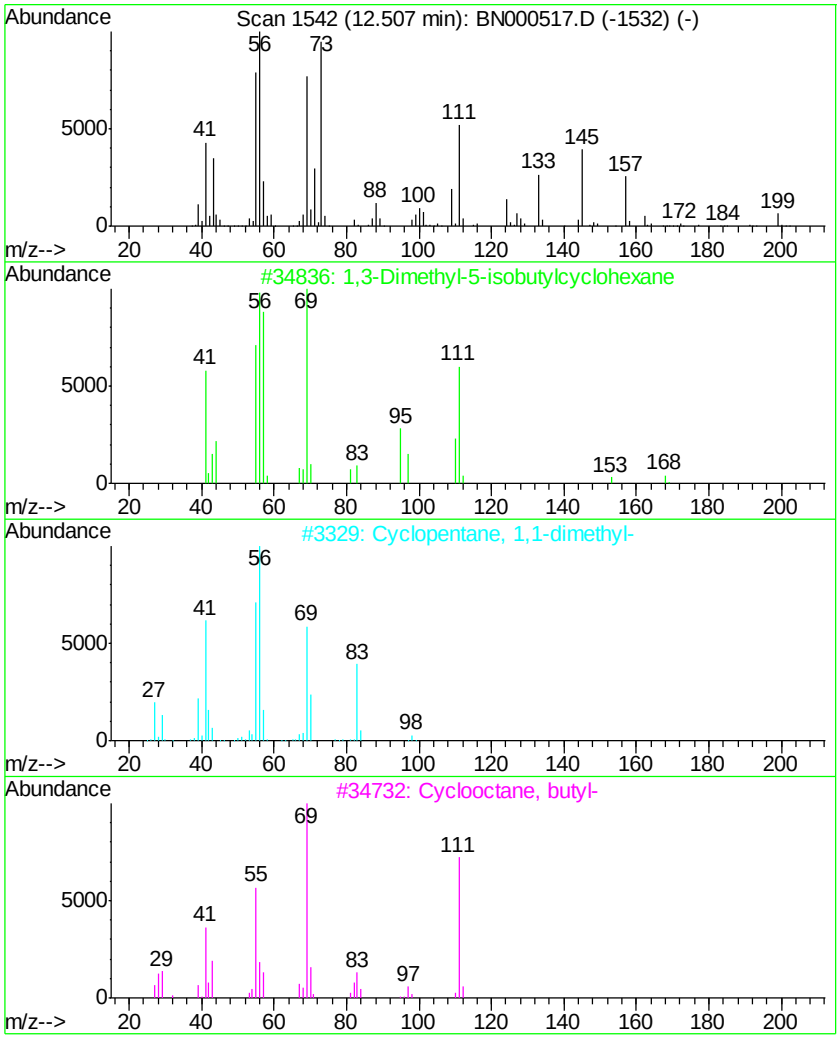
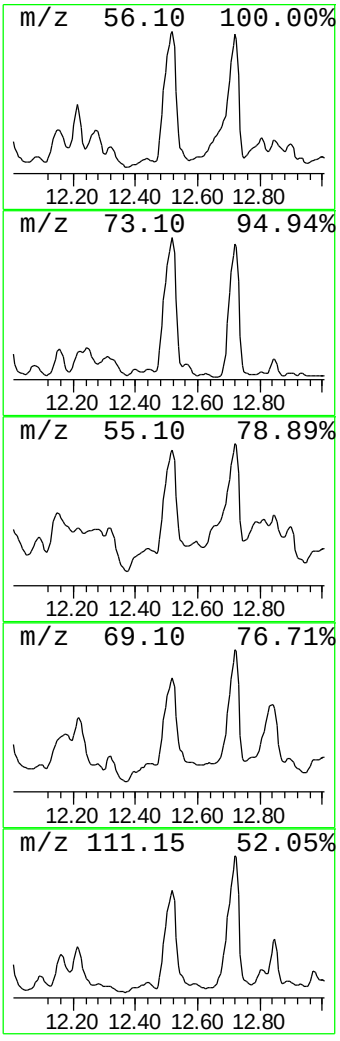
Peak Number 45 (DEL) Alkane: Cyclic12.51 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	19.05 ng/ul	23557200	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-isobutylcyclohexane	168	C12H24	013131-76-5	37
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	35
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	27
4	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	25
5	2-Pyrrolidinone, 1-ethenyl-	111	C6H9NO	000088-12-0	12





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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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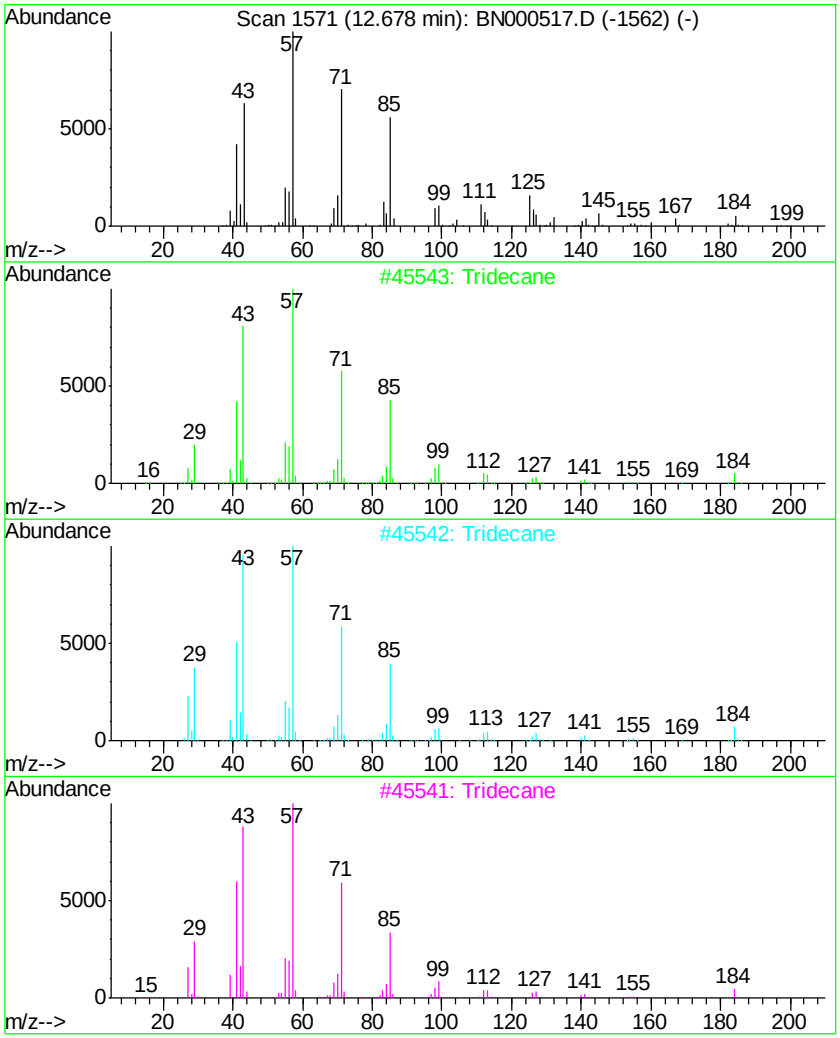
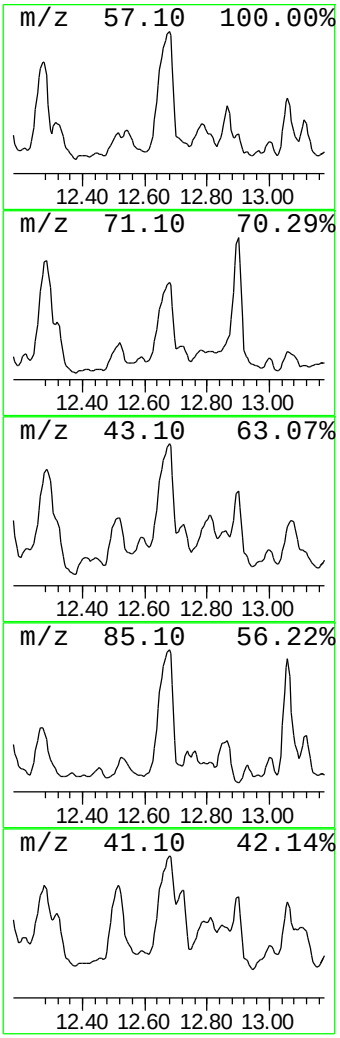
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	16.59 ng/ul	20522500	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tridecane	184	C13H28	000629-50-5	89
3	Tridecane	184	C13H28	000629-50-5	70
4	Tridecane	184	C13H28	000629-50-5	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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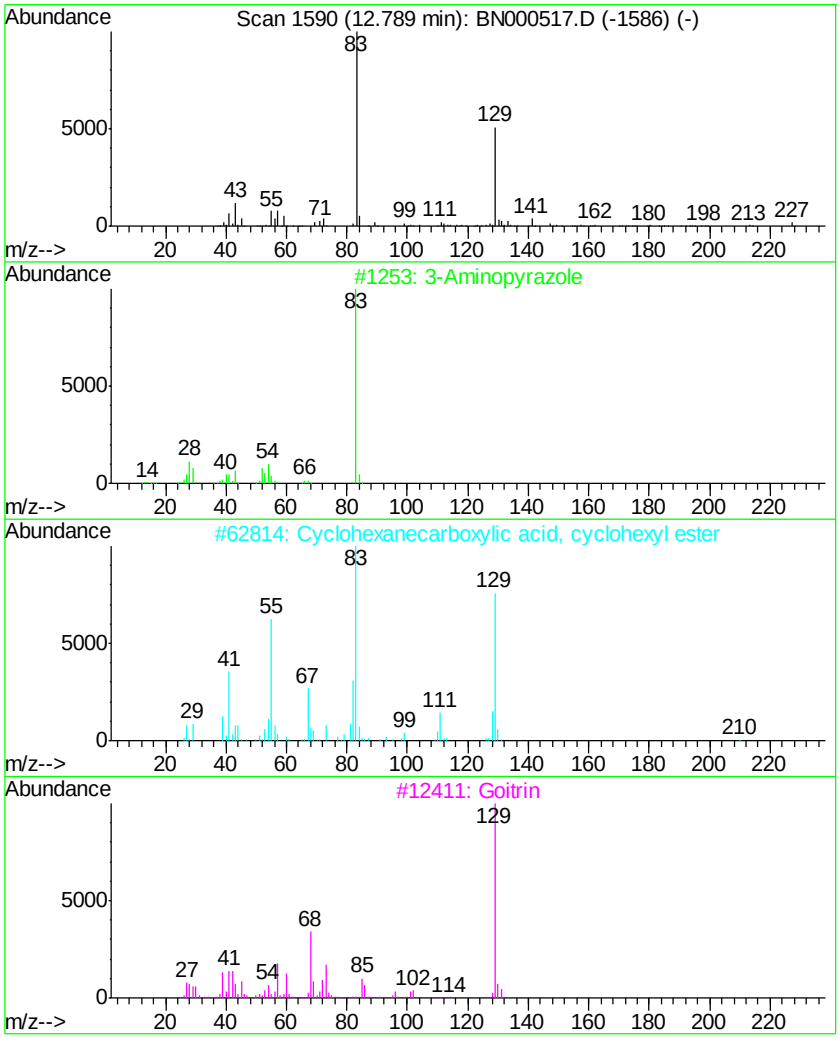
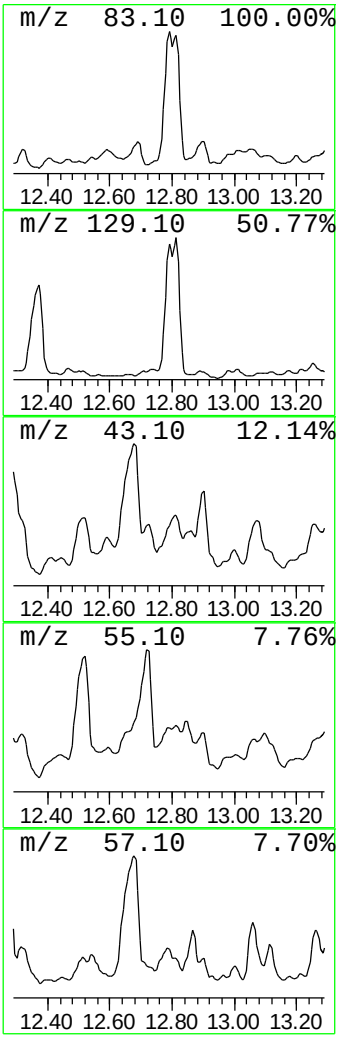
Peak Number 47 unknown-08 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.53 ng/ul	4369410	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Aminopyrazole	83	C3H5N3	001820-80-0	37
2	Cyclohexanecarboxylic acid, cycl...	210	C13H22O2	015840-96-7	28
3	Goitrin	129	C5H7NOS	000500-12-9	10
4	Imidazole, 4-aminocarbonyl-5-flu...	261	C9H12FN3O5	056766-95-1	10
5	Thiophene, 2-nitro-	129	C4H3NO2S	000609-40-5	9





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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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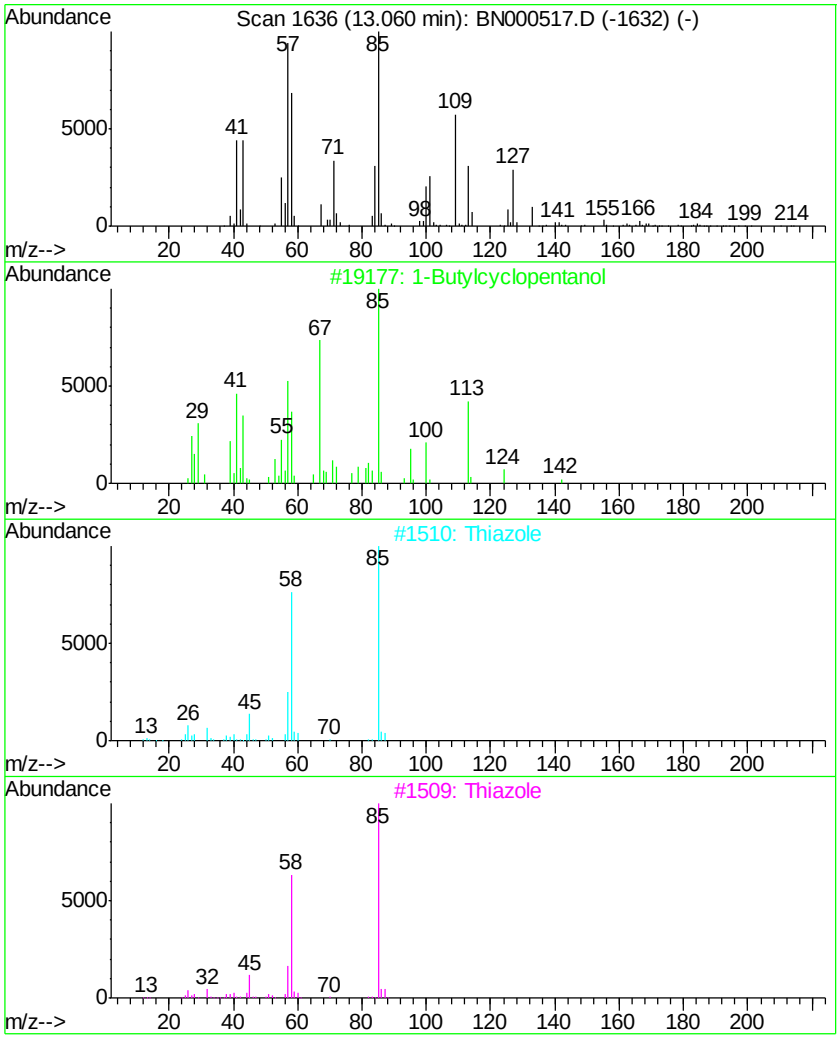
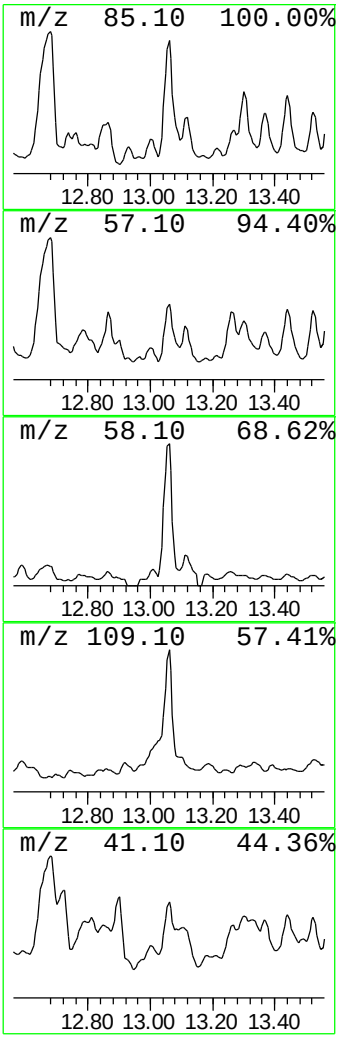
Peak Number 48 unknown-09 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	5.16 ng/ul	6375680	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butylcyclopentanol	142	C9H18O	001462-97-1	38
2	Thiazole	85	C3H3NS	000288-47-1	27
3	Thiazole	85	C3H3NS	000288-47-1	27
4	2-Methyl-4-decanone	170	C11H22O	006628-25-7	27
5	Pentanoic acid, 2-propenyl ester	142	C8H14O2	006321-45-5	27





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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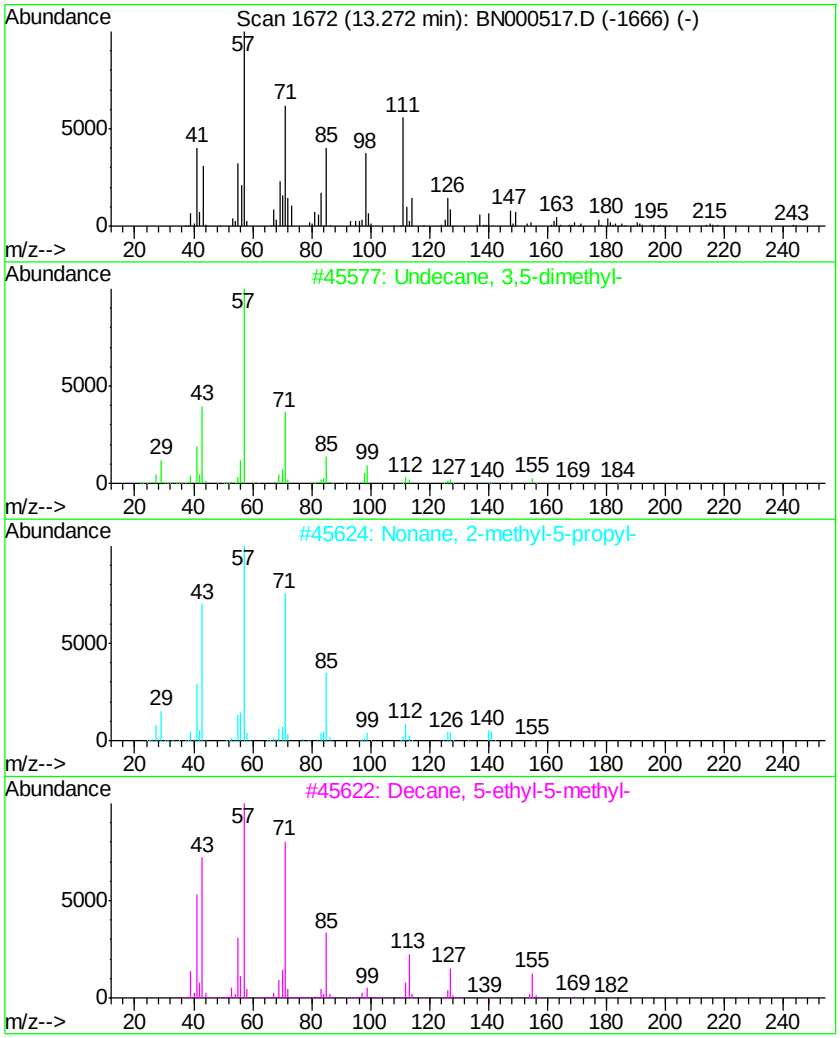
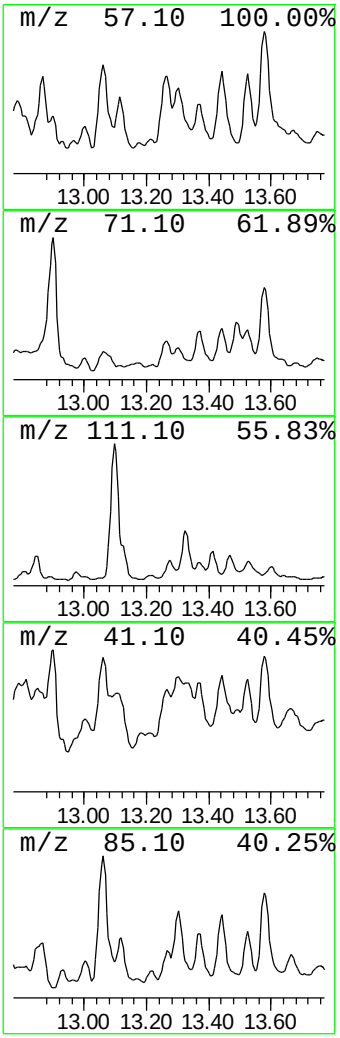
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.28 ng/ul	4548010	Acenaphthene-d10	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	50
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	47
3	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	47
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	47
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43





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Instrument : BNA_N
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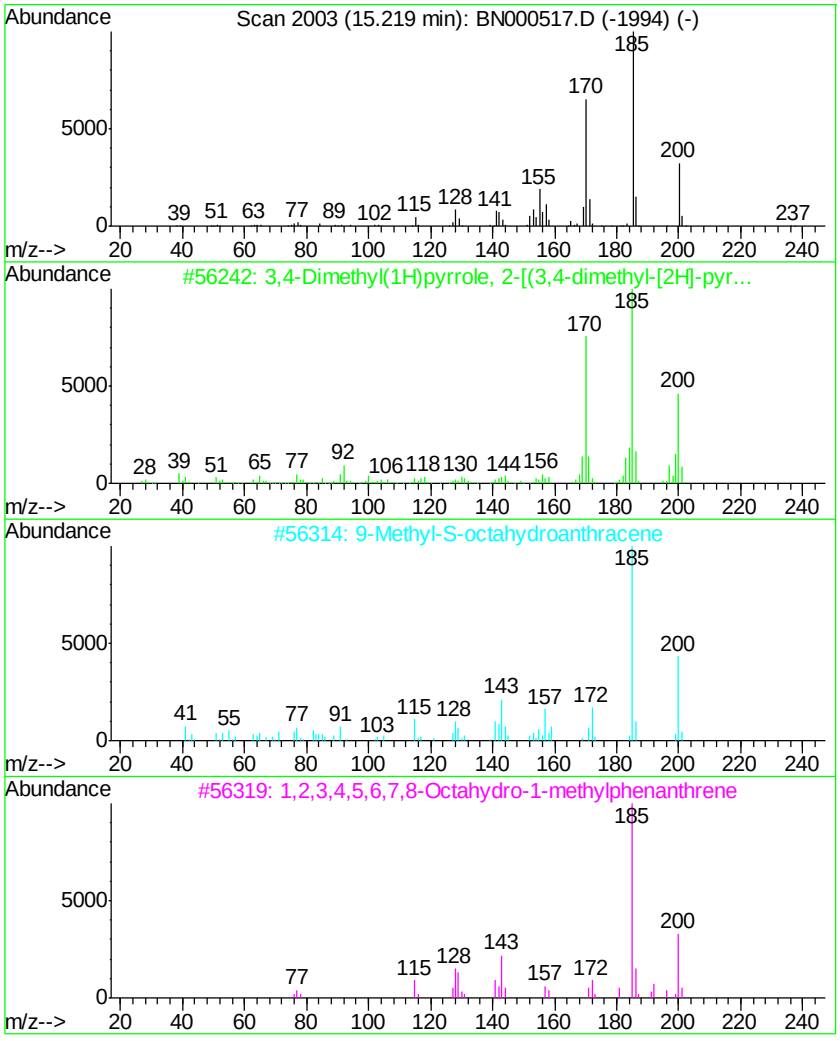
Quant Title : SVOA CALIBRATION

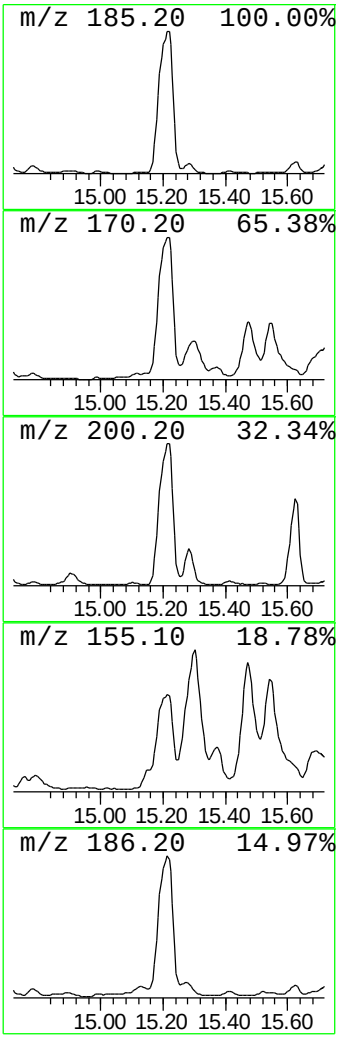
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	20.00 ng/ul	21239700	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	83
2	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	58
3	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	52
4	Ethanone, 1-(6-methoxy-1-naphtha...	200	C13H12O2	058149-89-6	50
5	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	49





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Quant Title : SVOA CALIBRATION

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

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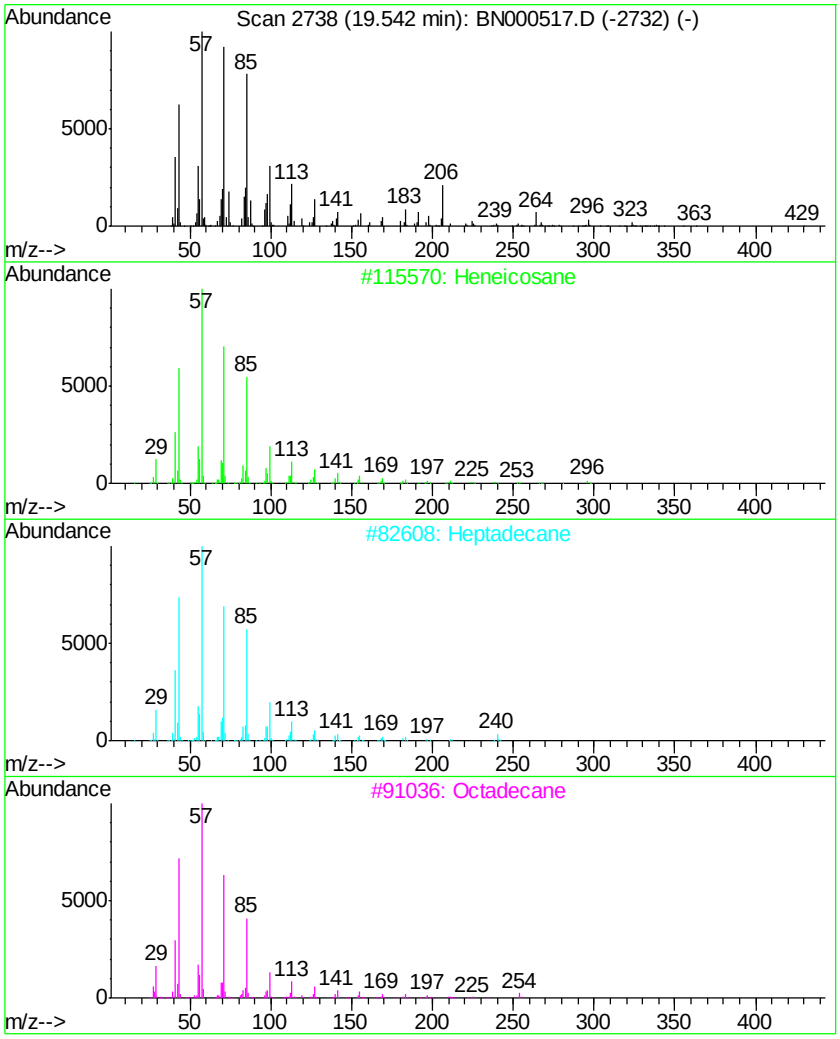
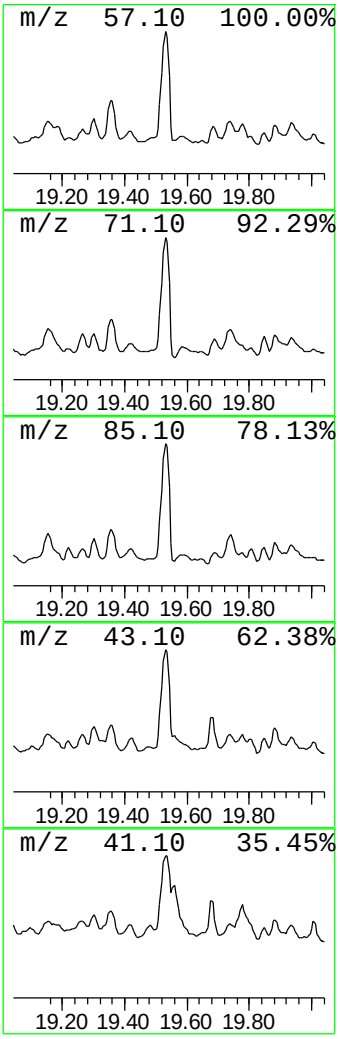
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.51 ng/ul	5536690	Phenanthrene-d10	17.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Octadecane	254	C18H38	000593-45-3	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

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Data File : BN000517.D
Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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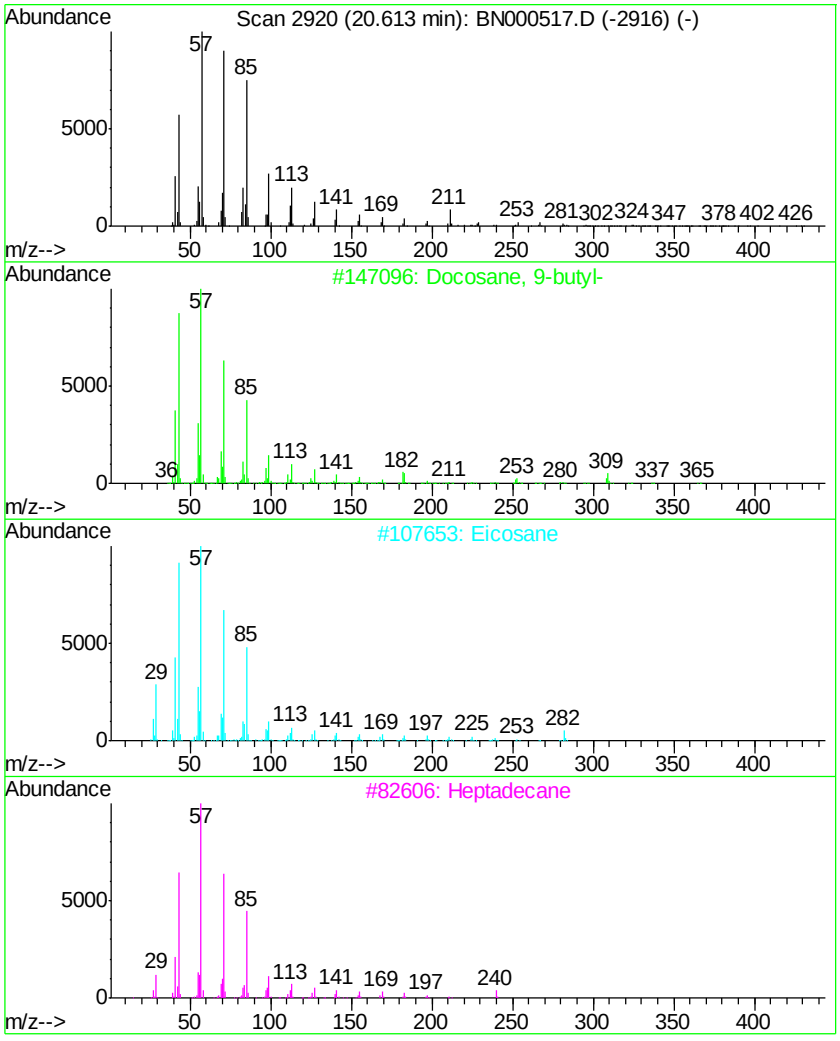
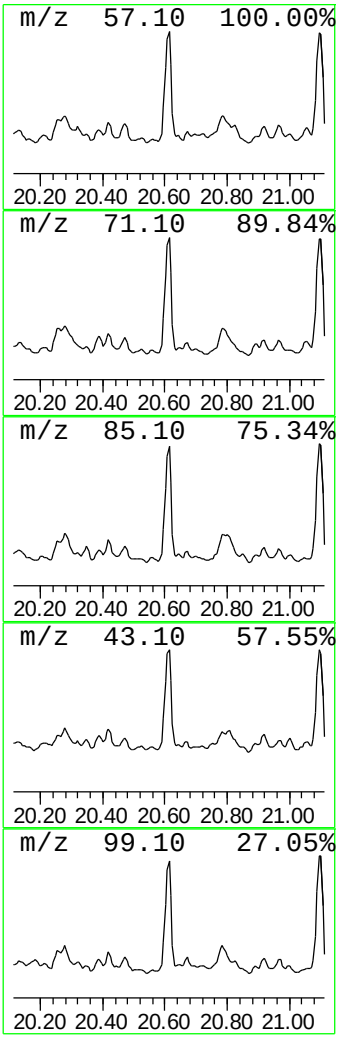
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	17.34 ng/ul	6119180	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane	240	C17H36	000629-78-7	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Octacosane	394	C28H58	000630-02-4	86





Library Search Compound Report

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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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

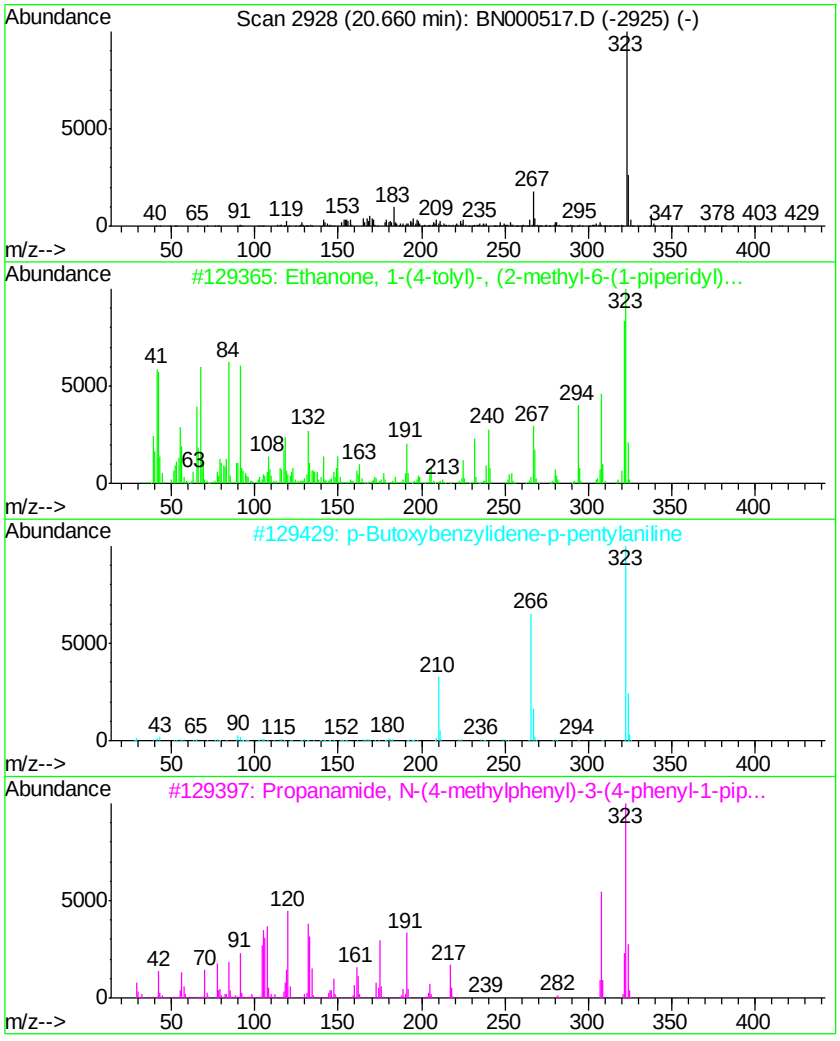
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

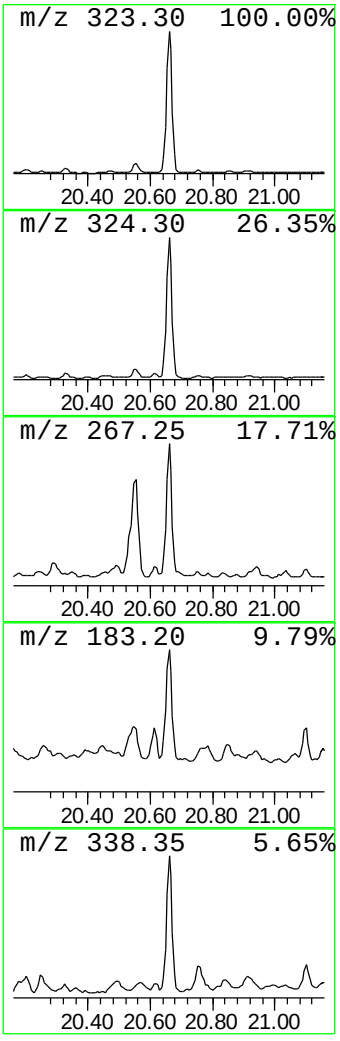
****

Peak Number 53 Ethanone, 1-(4-tolyl)-, (2-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	13.49 ng/ul	4759460	Chrysene-d12	21.91

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	81
3	Propanamide, N-(4-methylphenyl)-...	323	C20H25N3O	339158-61-1	64
4	2-(4-Aminophenyl)-4,6-diphenylpy...	323	C22H17N3	130090-18-5	53
5	Benzocycloheptano[2,3,4-I,j]isoq...	323	C19H17NO4	083607-60-7	45





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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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

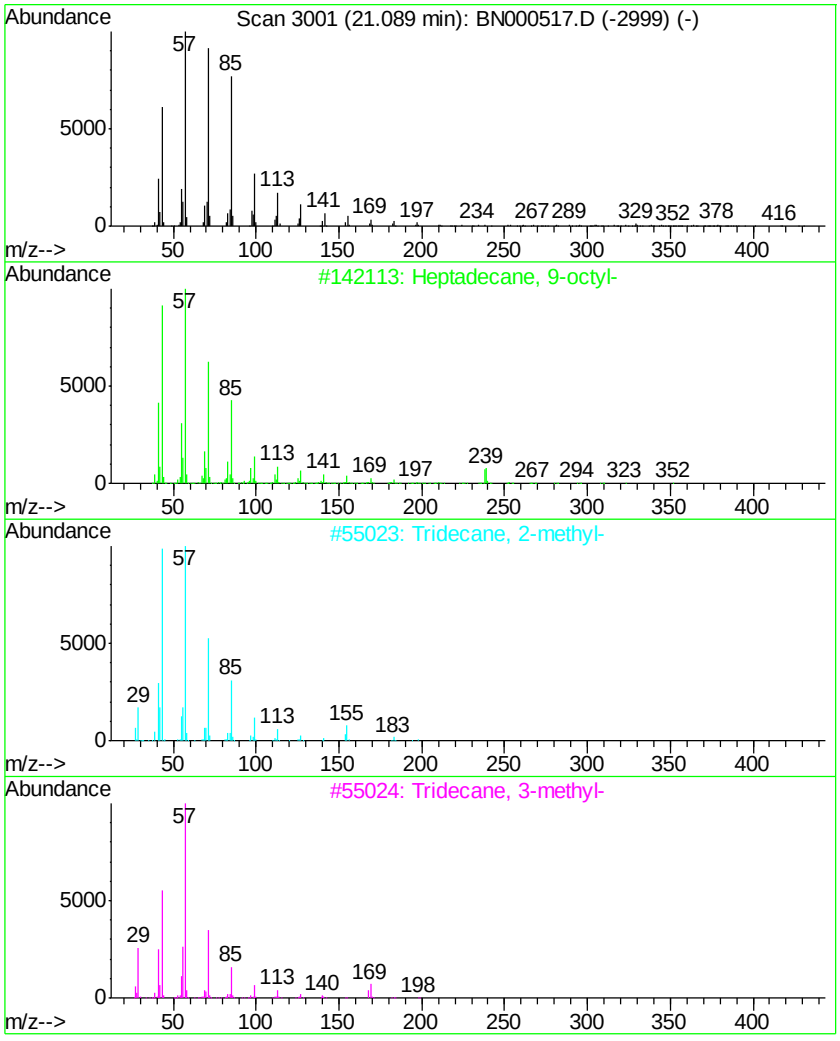
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

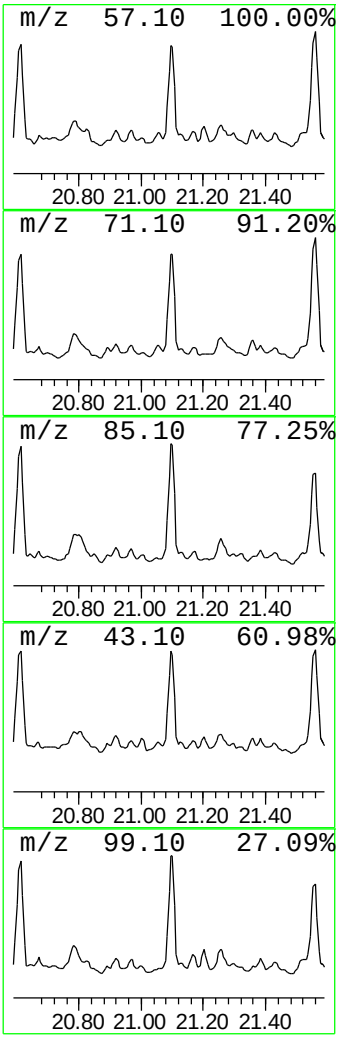
****

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	13.05 ng/ul	4603000	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	91
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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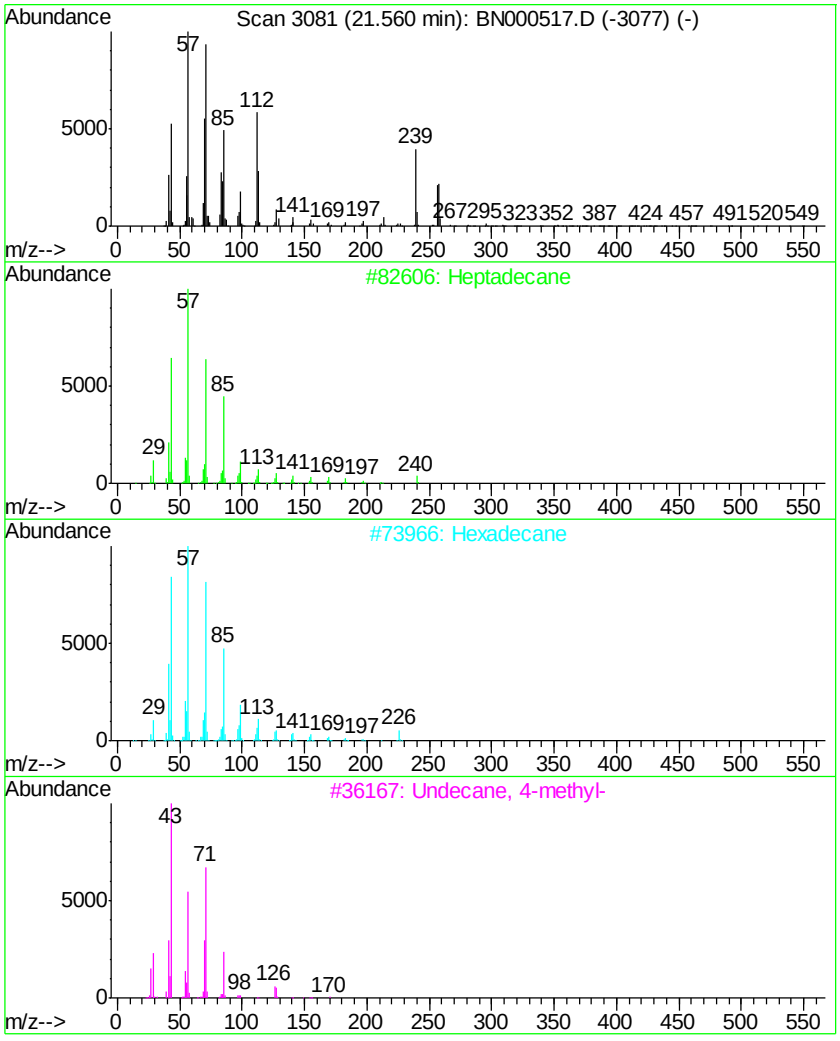
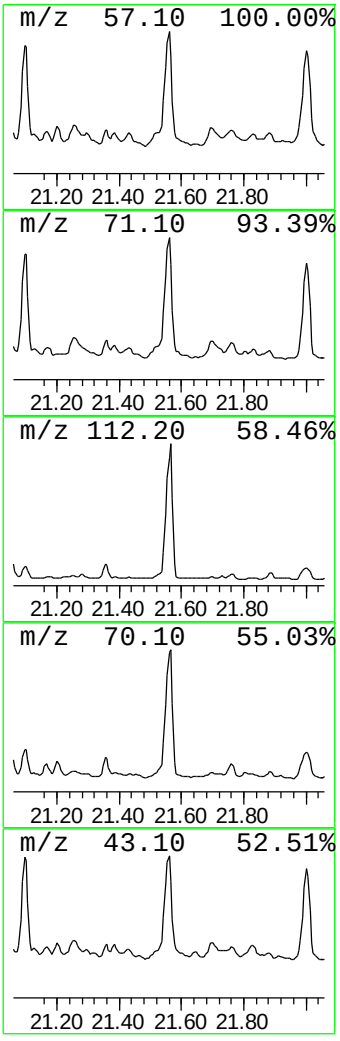
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	32.23 ng/ul	11371300	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	46
2	Hexadecane	226	C16H34	000544-76-3	38
3	Undecane, 4-methyl-	170	C12H26	002980-69-0	38
4	Nonadecane	268	C19H40	000629-92-5	38
5	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	30





Library Search Compound Report

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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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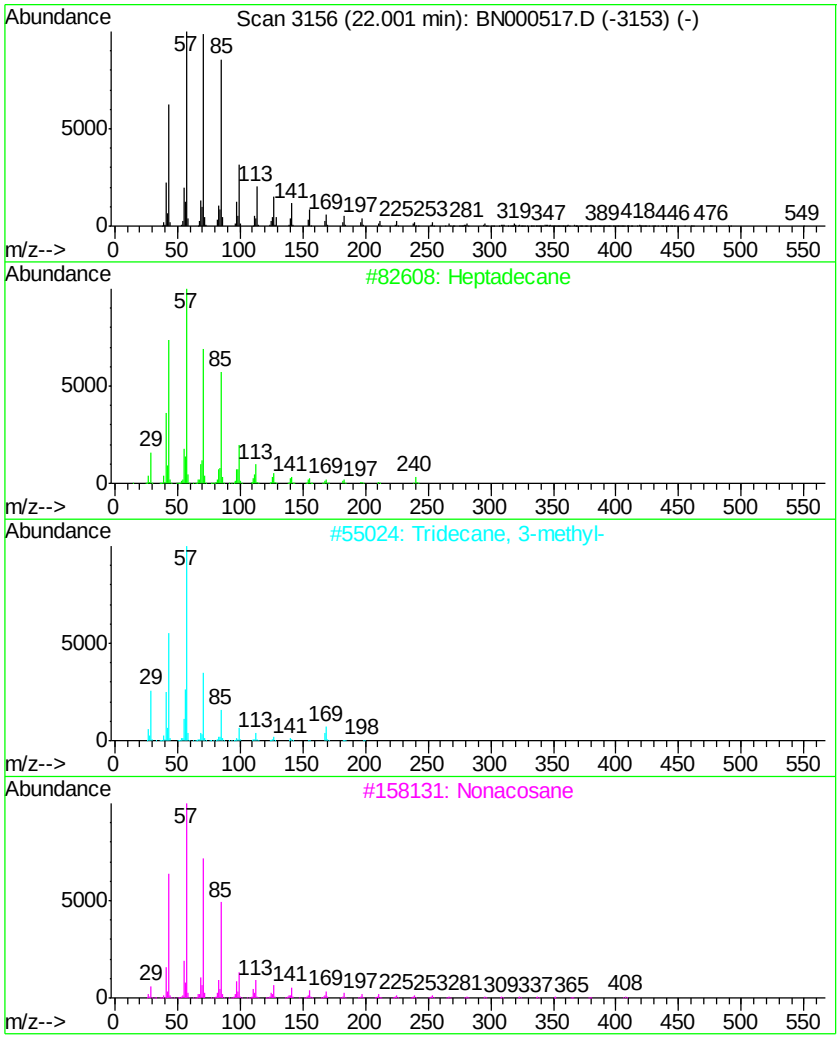
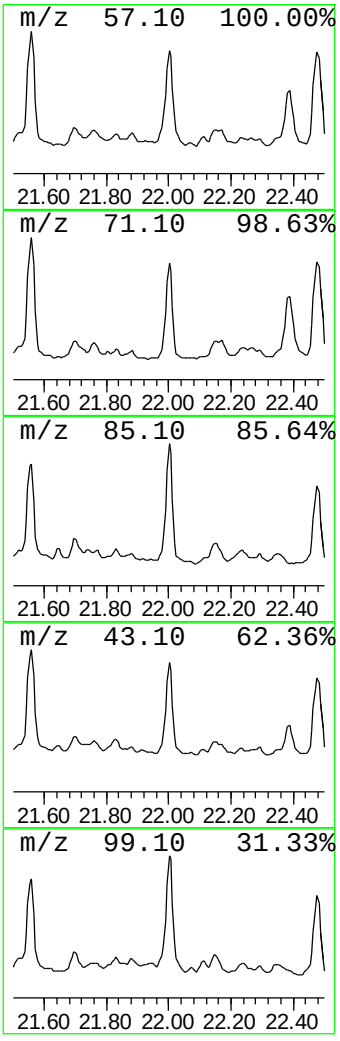
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	20.00 ng/ul	7056040	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	91
3	Nonacosane	408	C29H60	000630-03-5	89
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80





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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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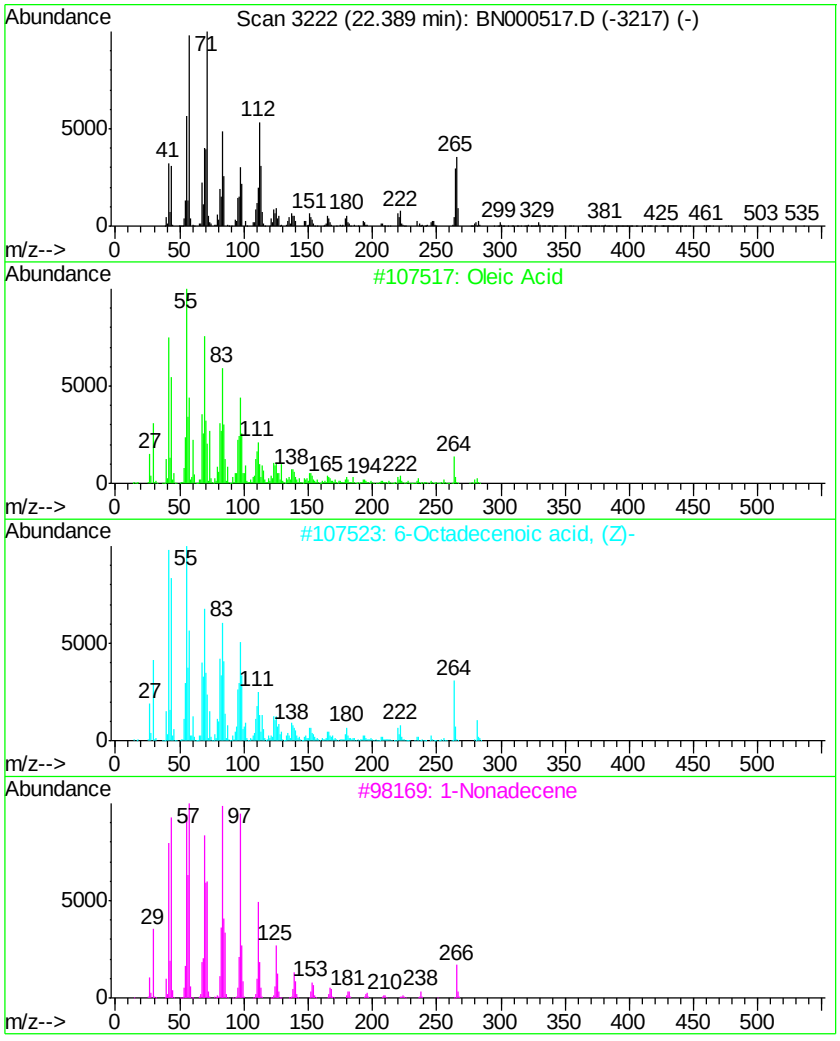
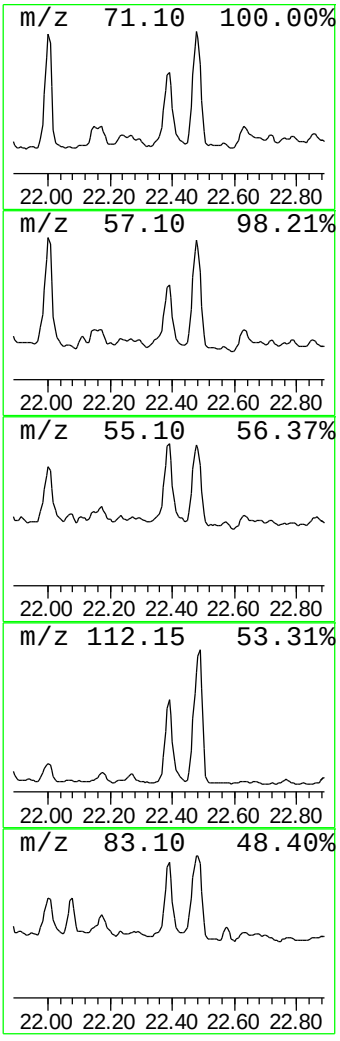
Peak Number 57 Oleic Acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	22.08 ng/ul	7788850	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	56
2	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	35
3	1-Nonadecene	266	C19H38	018435-45-5	35
4	2-Methyl-E-7-octadecene	266	C19H38	1000130-92-3	35
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	30





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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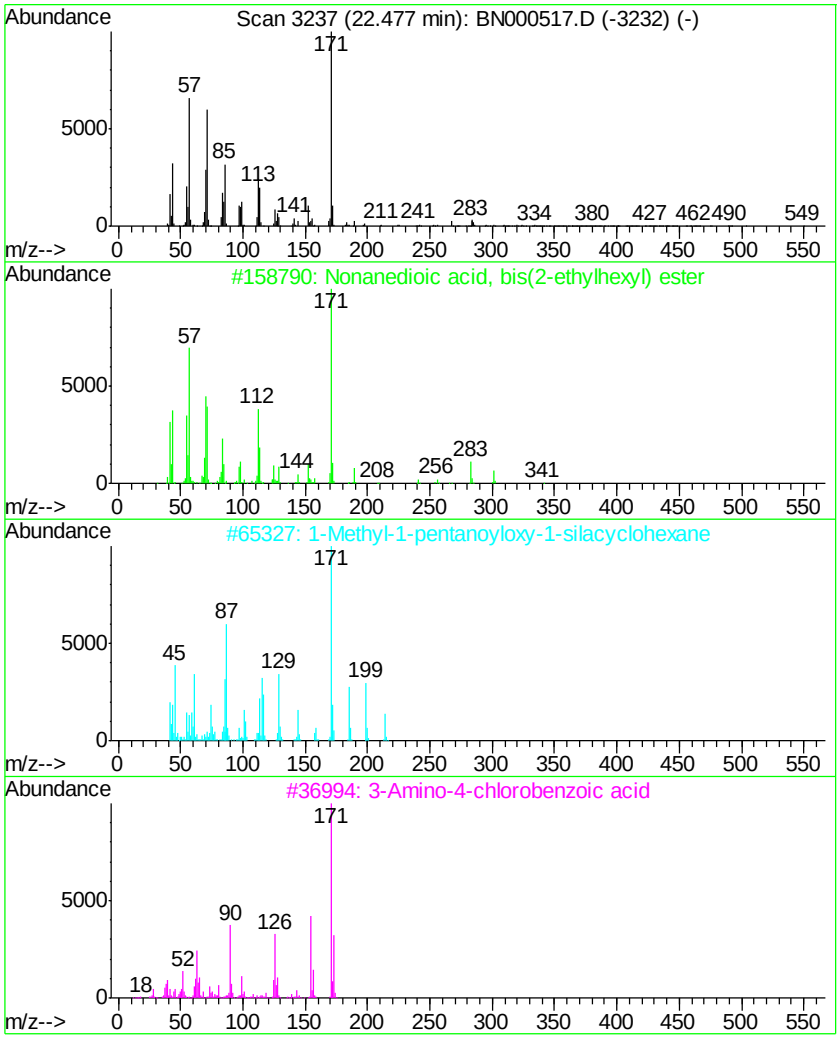
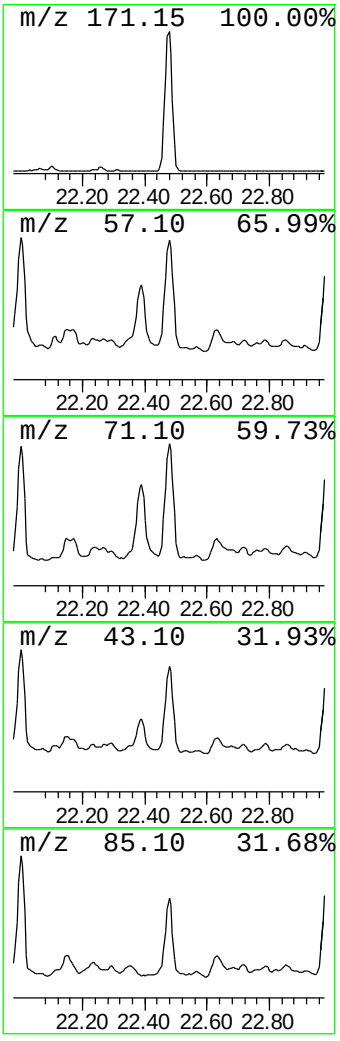
Peak Number 58 unknown-10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	38.75 ng/ul	13669300	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanedioic acid, bis(2-ethylhex...	412	C25H48O4	000103-24-2	46
2	1-Methyl-1-pentanoyloxy-1-silacy...	214	C11H22O2Si	232270-78-9	43
3	3-Amino-4-chlorobenzoic acid	171	C7H6ClNO2	002840-28-0	38
4	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	38
5	Benzeneethanamine, 2-fluoro-4-hy...	171	C8H10FNO2	1000116-43-3	35





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Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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Quant Title : SVOA CALIBRATION

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

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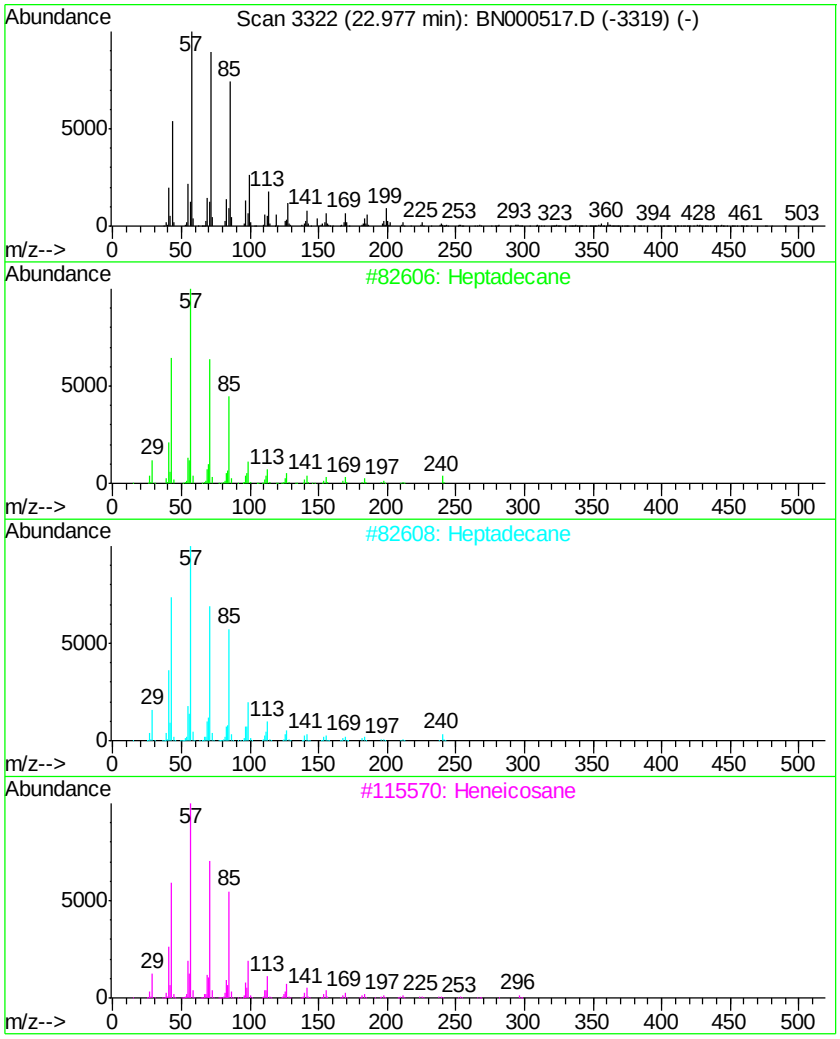
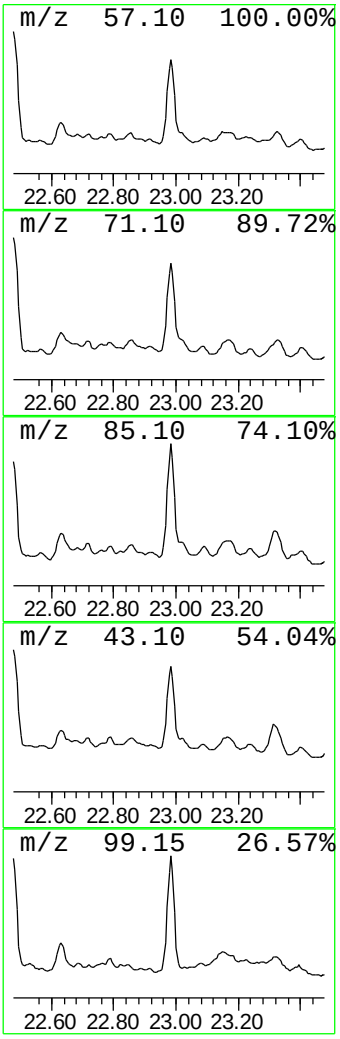
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	15.92 ng/ul	5618170	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Octadecane	254	C18H38	000593-45-3	91





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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

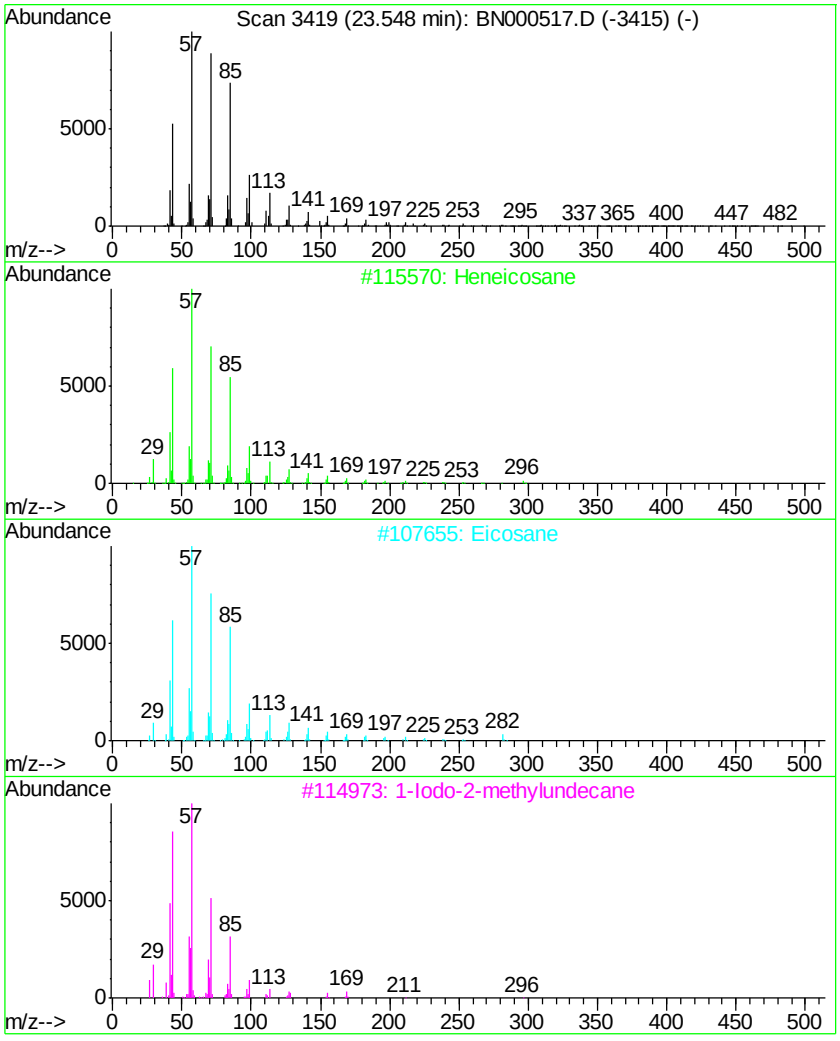
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

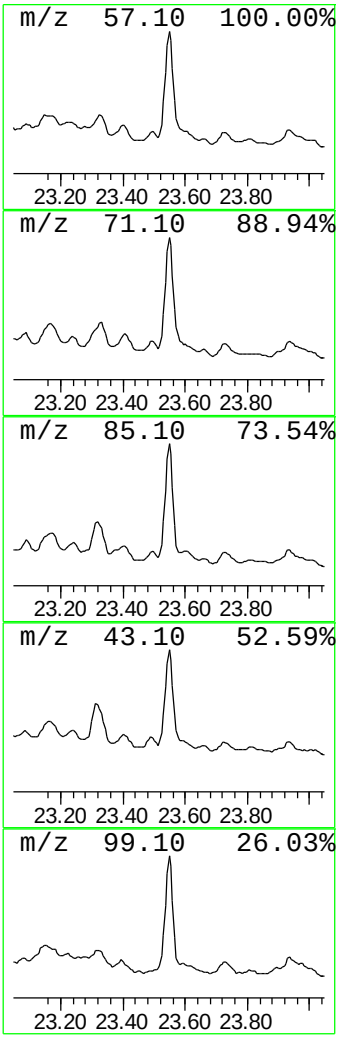
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.55	28.11 ng/ul	5333180	Perylene-d12	24.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

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Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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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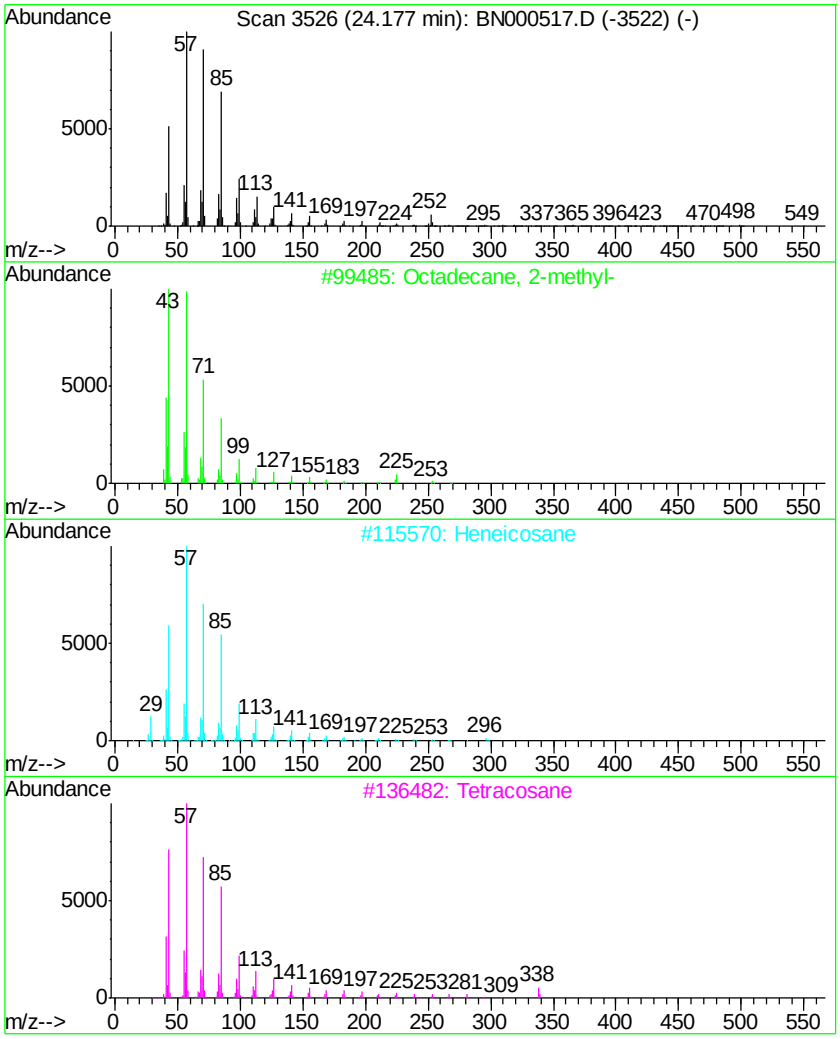
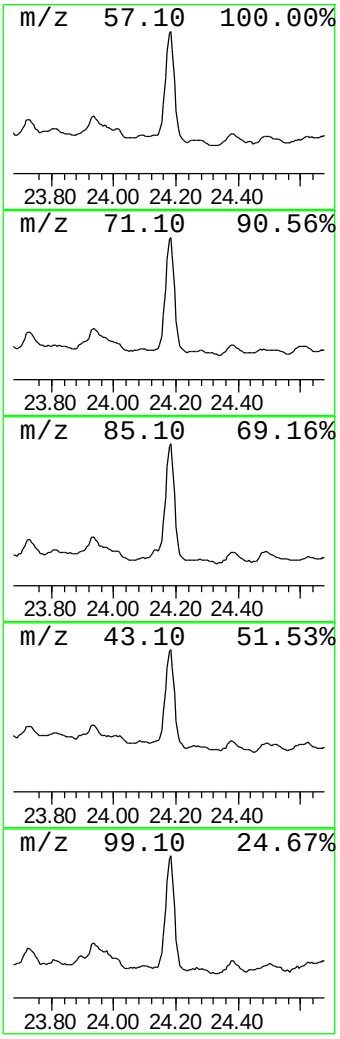
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	20.00 ng/ul	3794060	Perylene-d12	24.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Tentatively Identified Compound (LSC) summary

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Data File : BN000517.D
Acq On : 21 Mar 2018 13:35
Operator : JU/SJ
Sample : J1905-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51

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
3-Pentanone, 2,4-...	4.71	6.8	ng/ul	7180580	1	8.45	21037300	20.0
(DEL) Alkane: Cyc...	4.79	4.5	ng/ul	4708510	1	8.45	21037300	20.0
(DEL) Alkane: Str...	5.33	2.2	ng/ul	2320860	1	8.45	21037300	20.0
1-Butanol, 2-ethyl-	5.43	7.0	ng/ul	7326890	1	8.45	21037300	20.0
2-Nonanone	5.67	4.2	ng/ul	4399120	1	8.45	21037300	20.0
(DEL) Alkane: Str...	5.80	14.0	ng/ul	14754400	1	8.45	21037300	20.0
(DEL) Alkane: Str...	5.91	10.3	ng/ul	10872100	1	8.45	21037300	20.0
Benzene, 1,3-dime...	5.98	7.3	ng/ul	7717490	1	8.45	21037300	20.0
(DEL) Alkane: Cyc...	6.14	2.9	ng/ul	3010600	1	8.45	21037300	20.0
(DEL) Alkane: Cyc...	6.23	8.2	ng/ul	8610040	1	8.45	21037300	20.0
(DEL) Alkane: Cyc...	6.31	4.5	ng/ul	4678870	1	8.45	21037300	20.0
(DEL) Alkane: Str...	6.38	30.0	ng/ul	31512500	1	8.45	21037300	20.0
(DEL) Alkane: Cyc...	6.64	19.2	ng/ul	20168600	1	8.45	21037300	20.0
(DEL) Alkane: Str...	6.76	10.6	ng/ul	11183100	1	8.45	21037300	20.0
unknown-01	6.88	19.0	ng/ul	19940400	1	8.45	21037300	20.0
(DEL) Alkane: Cyc...	7.04	22.6	ng/ul	23738300	1	8.45	21037300	20.0
unknown-02	7.14	12.7	ng/ul	13311500	1	8.45	21037300	20.0
Zinc, bis[2-(1,1-...	7.21	4.6	ng/ul	4876280	1	8.45	21037300	20.0
(DEL) Alkane: Str...	7.28	7.4	ng/ul	7798260	1	8.45	21037300	20.0
(DEL) Alkane: Str...	7.38	22.5	ng/ul	23693900	1	8.45	21037300	20.0
(DEL) Alkane: Str...	7.47	7.0	ng/ul	7305720	1	8.45	21037300	20.0
Benzene, 1-ethyl-...	7.82	18.3	ng/ul	19269900	1	8.45	21037300	20.0
(DEL) Alkane: Str...	8.09	54.7	ng/ul	57581200	1	8.45	21037300	20.0
Ether, heptyl hexyl	8.25	8.7	ng/ul	9108070	1	8.45	21037300	20.0
(DEL) Alkane: Str...	8.35	13.4	ng/ul	14057100	1	8.45	21037300	20.0
1-Hexanol, 2-ethyl-	8.51	20.0	ng/ul	21037300	1	8.45	21037300	20.0
Cyclohexanone, 3,...	8.97	46.5	ng/ul	48940300	1	8.45	21037300	20.0
Benzene, 1-methyl...	9.03	22.7	ng/ul	23866700	1	8.45	21037300	20.0
Benzene, 1-ethyl-...	9.12	31.5	ng/ul	33176600	1	8.45	21037300	20.0
Benzene, 1-methyl...	9.48	14.5	ng/ul	15215500	1	8.45	21037300	20.0
Benzene, 4-ethyl-...	9.58	33.4	ng/ul	35156600	1	8.45	21037300	20.0
Benzene, 1-methyl...	9.82	29.9	ng/ul	31405600	1	8.45	21037300	20.0
unknown-03	9.91	10.9	ng/ul	13481100	2	11.30	24734300	20.0
Benzene, 1,2,4,5-...	10.18	8.7	ng/ul	10790400	2	11.30	24734300	20.0
Benzene, 1-ethyl-...	10.48	9.9	ng/ul	12237300	2	11.30	24734300	20.0
unknown-04	10.60	6.6	ng/ul	8135900	2	11.30	24734300	20.0
unknown-05	10.69	9.0	ng/ul	11088100	2	11.30	24734300	20.0
unknown-06	11.05	2.5	ng/ul	3062270	2	11.30	24734300	20.0
(DEL) Alkane: Cyc...	11.58	2.0	ng/ul	2483650	2	11.30	24734300	20.0
unknown-07	11.66	16.6	ng/ul	20534300	2	11.30	24734300	20.0
(DEL) Alkane: Cyc...	11.78	7.2	ng/ul	8895430	2	11.30	24734300	20.0
(DEL) Alkane: Cyc...	11.97	8.7	ng/ul	10764500	2	11.30	24734300	20.0
Benzene, 4-(2-but...	12.37	19.6	ng/ul	24232700	2	11.30	24734300	20.0
(DEL) Alkane: Cyc...	12.51	19.1	ng/ul	23557200	2	11.30	24734300	20.0
(DEL) Alkane: Str...	12.68	16.6	ng/ul	20522500	2	11.30	24734300	20.0
unknown-08	12.79	3.5	ng/ul	4369410	2	11.30	24734300	20.0
unknown-09	13.06	5.2	ng/ul	6375680	2	11.30	24734300	20.0
(DEL) Alkane: Str...	13.27	4.3	ng/ul	4548010	3	15.07	21239700	20.0
3,4-Dimethyl(1H)p...	15.22	20.0	ng/ul	21239700	3	15.07	21239700	20.0

(DEL) Alkane: Str...	19.54	3.5	ng/ul	5536690	4	17.91	31533700	20.0
(DEL) Alkane: Str...	20.61	17.3	ng/ul	6119180	5	21.91	7056040	20.0
Ethanone, 1-(4-to...	20.66	13.5	ng/ul	4759460	5	21.91	7056040	20.0
(DEL) Alkane: Str...	21.09	13.1	ng/ul	4603000	5	21.91	7056040	20.0
(DEL) Alkane: Str...	21.56	32.2	ng/ul	11371300	5	21.91	7056040	20.0
(DEL) Alkane: Str...	22.00	20.0	ng/ul	7056040	5	21.91	7056040	20.0
Oleic Acid	22.39	22.1	ng/ul	7788850	5	21.91	7056040	20.0
unknown-10	22.48	38.8	ng/ul	13669300	5	21.91	7056040	20.0
(DEL) Alkane: Str...	22.98	15.9	ng/ul	5618170	5	21.91	7056040	20.0
(DEL) Alkane: Str...	23.55	28.1	ng/ul	5333180	6	24.40	3794060	20.0
(DEL) Alkane: Str...	24.18	20.0	ng/ul	3794060	6	24.40	3794060	20.0

Instrument :
BNA_N
ClientSampleId :
DAM51