LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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	6.349	489	495	504	rVB2	258225	401921	6.42%	0.788%
2	7.002	601	606	617	rVB4	77273	211343	3.38%	0.414%
3	7.355	662	666	671	rVB	149073	214458	3.43%	0.420%
4	7.413	671	676	681	rVB	154392	212987	3.40%	0.417%
5	7.466	681	685	690	rBV	140875	209383	3.34%	0.410%
6	7.525	690	695	701	rBV2	245500	388101	6.20%	0.761%
7	7.607	701	709	713	rBV	89118	147615	2.36%	0.289%
8	7.778	731	738	741	rBV	95157	170953	2.73%	0.335%
9	8.002	770	776	780	rBV	796627	1141827	18.24%	2.238%
10	8.043	780	783	792	rVB	216083	335540	5.36%	0.658%
11	8.360	832	837	841	rBV	157580	211907	3.39%	0.415%
12	8.413	841	846	850	rBV	628076	1007728	16.10%	1.975%
13	8.454	850	853	860	rVB	239433	366444	5.85%	0.718%
14	8.525	860	865	870	rBV3	123844	235286	3.76%	0.461%
15	8.690	889	893	900	rVB2	81577	131942	2.11%	0.259%
16	8.919	925	932	935	rVV2	122360	249193	3.98%	0.488%
17	8.978	935	942	948	rVB2	156877	391756	6.26%	0.768%
18	9.049	948	954	961	rBV2	364835	616280	9.84%	1.208%
19	9.160	967	973	977	rBV	177690	275076	4.39%	0.539%
20	9.213	977	982	987	rVV2	91567	168681	2.69%	0.331%
21	9.366	1003	1008	1012	rBV	95853	158989	2.54%	0.312%
22	9.419	1013	1017	1023	rVB	104875	184990	2.96%	0.363%
23	9.519	1030	1034	1044	rVV2	169298	302518	4.83%	0.593%
24	9.625	1044	1052	1058	rVB	933102	1418830	22.67%	2.781%
25	9.766	1064	1076	1084	rBV6	79363	284965	4.55%	0.559%
26	9.860	1084	1092	1097	rBV3	76110	218205	3.49%	0.428%
27	10.049	1120	1124	1130	rVB3	92699	152036	2.43%	0.298%
28	10.113	1130	1135	1139	rBV	82587	131162	2.10%	0.257%
29	10.349	1171	1175	1183	rVB4	127478	251834	4.02%	0.494%
30	10.484	1194	1198	1204	rVB2	115846	182997	2.92%	0.359%
31	10.631	1218	1223	1229	rBV3	142775	226338	3.62%	0.444%
32	10.731	1236	1240	1245	rVB3	76853	129662	2.07%	0.254%
33	10.901	1260	1269	1273	rBV2	68743	150079	2.40%	0.294%
34	11.184	1308	1317	1319	rBV	414713	831080	13.28%	1.629%

LSC Area Percent Report

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Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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	11.254	1324	1329	1334	rVV	893317	1621941	25.91%	3.179%
36	11.325	1334	1341	1345	rVV2	221039	488625	7.81%	0.958%
37	11.360	1345	1347	1353	rVB2	130079	198641	3.17%	0.389%
38	11.590	1380	1386	1393	rVB	382475	596699	9.53%	1.170%
39	11.719	1399	1408	1414	rVB2	167073	296553	4.74%	0.581%
40	11.925	1435	1443	1454	rVB7	97450	289593	4.63%	0.568%
41	12.113	1468	1475	1480	rBV4	97613	157298	2.51%	0.308%
42	12.219	1487	1493	1498	rBV3	173469	325549	5.20%	0.638%
43	12.307	1504	1508	1523	rVB	329705	521376	8.33%	1.022%
44	12.454	1528	1533	1539	rVB	294434	417139	6.66%	0.818%
45	12.607	1553	1559	1563	rBV	383288	604416	9.66%	1.185%
46	12.648	1563	1566	1572	rVB	258404	341589	5.46%	0.670%
47	12.742	1573	1582	1584	rBV3	96607	195827	3.13%	0.384%
48	12.848	1595	1600	1603	rVV	395638	566655	9.05%	1.111%
49	12.884	1603	1606	1613	rVB	134969	197996	3.16%	0.388%
50	13.013	1623	1628	1631	rBV	112313	180607	2.89%	0.354%
51	13.095	1636	1642	1650	rVB2	71651	172187	2.75%	0.337%
52	13.242	1659	1667	1673	rBV4	80480	245385	3.92%	0.481%
53	13.542	1713	1718	1724	rBV	129531	213491	3.41%	0.418%
54	13.825	1760	1766	1772	rBV	455870	711119	11.36%	1.394%
55	14.066	1802	1807	1810	rBV3	103442	160089	2.56%	0.314%
56	14.213	1821	1832	1838	rBV7	119025	400764	6.40%	0.785%
57	14.348	1850	1855	1862	rVV4	171009	450259	7.19%	0.882%
58	14.472	1868	1876	1880	rVB4	164283	322713	5.16%	0.633%
59	14.589	1892	1896	1898	rVV	92755	130397	2.08%	0.256%
60	14.631	1898	1903	1909	rVB5	196318	421468	6.73%	0.826%
61	14.884	1941	1946	1951	rVB	1370452	1757572	28.08%	3.445%
62	15.031	1965	1971	1980	rVV2	1319205	2252136	35.98%	4.414%
63	15.142	1985	1990	1998	rBV	500693	735551	11.75%	1.442%
64	15.219	1998	2003	2005	rBV3	88089	156269	2.50%	0.306%
65	15.307	2013	2018	2025	rBV6	99177	233954	3.74%	0.459%
66	15.407	2031	2035	2044	rVB6	117522	299246	4.78%	0.587%
67	15.489	2044	2049	2053	rBV2	159478	248282	3.97%	0.487%
68	15.548	2055	2059	2068	rVV7	155187	328060	5.24%	0.643%
69	15.648	2068	2076	2079	rVV5	358525	744562	11.89%	1.459%
70	15.678	2079	2081	2087	rVV2	188127	232154	3.71%	0.455%
71	15.760	2090	2095	2099	rVV	511043	753415	12.04%	1.477%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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	15.825	2099	2106	2112	rVB	514289	918483	14.67%	1.800%
73	16.101	2149	2153	2160	rVB	125481	194742	3.11%	0.382%
74	16.225	2170	2174	2178	rVB	157824	216151	3.45%	0.424%
75	16.442	2208	2211	2223	rVB6	85130	171912	2.75%	0.337%
76	16.613	2235	2240	2246	rBV3	222270	339208	5.42%	0.665%
77	16.678	2246	2251	2254	rBV	507152	736802	11.77%	1.444%
78	17.042	2305	2313	2317	rBV4	110909	242778	3.88%	0.476%
79	17.413	2369	2376	2381	rBV	4206473	6259920	100.00%	12.269%
80	17.460	2381	2384	2389	rVV	477857	637091	10.18%	1.249%
81	17.513	2389	2393	2402	rVB	183457	344733	5.51%	0.676%
82	17.760	2427	2435	2440	rBV2	1670401	2477091	39.57%	4.855%
83	17.872	2450	2454	2460	rVB4	106689	149764	2.39%	0.294%
84	18.007	2471	2477	2479	rBV4	95046	197921	3.16%	0.388%
85	18.195	2505	2509	2518	rVB	381548	541342	8.65%	1.061%
86	18.372	2535	2539	2545	rVB	229806	297920	4.76%	0.584%
87	18.872	2621	2624	2629	rVB	279570	336721	5.38%	0.660%
88	19.495	2725	2730	2732	rBV	264128	346437	5.53%	0.679%
89	19.519	2732	2734	2738	rVB2	239156	252421	4.03%	0.495%
90	19.648	2750	2756	2761	rVB3	98751	179899	2.87%	0.353%
91	20.060	2822	2826	2830	rVB	162559	192202	3.07%	0.377%
92	20.589	2912	2916	2920	rBV2	156971	190947	3.05%	0.374%
93	21.077	2995	2999	3003	rBV	134745	147821	2.36%	0.290%
94	21.536	3073	3077	3084	rVB	290436	343216	5.48%	0.673%
95	21.877	3130	3135	3146	rVB2	1952229	2664597	42.57%	5.223%
96	21.977	3149	3152	3160	rVB	124043	170704	2.73%	0.335%
97	22.360	3214	3217	3224	rVB2	107725	148717	2.38%	0.291%
98	22.454	3229	3233	3239	rVB2	190683	271473	4.34%	0.532%
99	22.960	3315	3319	3322	rBV	86963	134521	2.15%	0.264%
100	24.360	3549	3557	3566	rBV2	1073694	2233742	35.68%	4.378%

Sum of corrected areas: 51020959

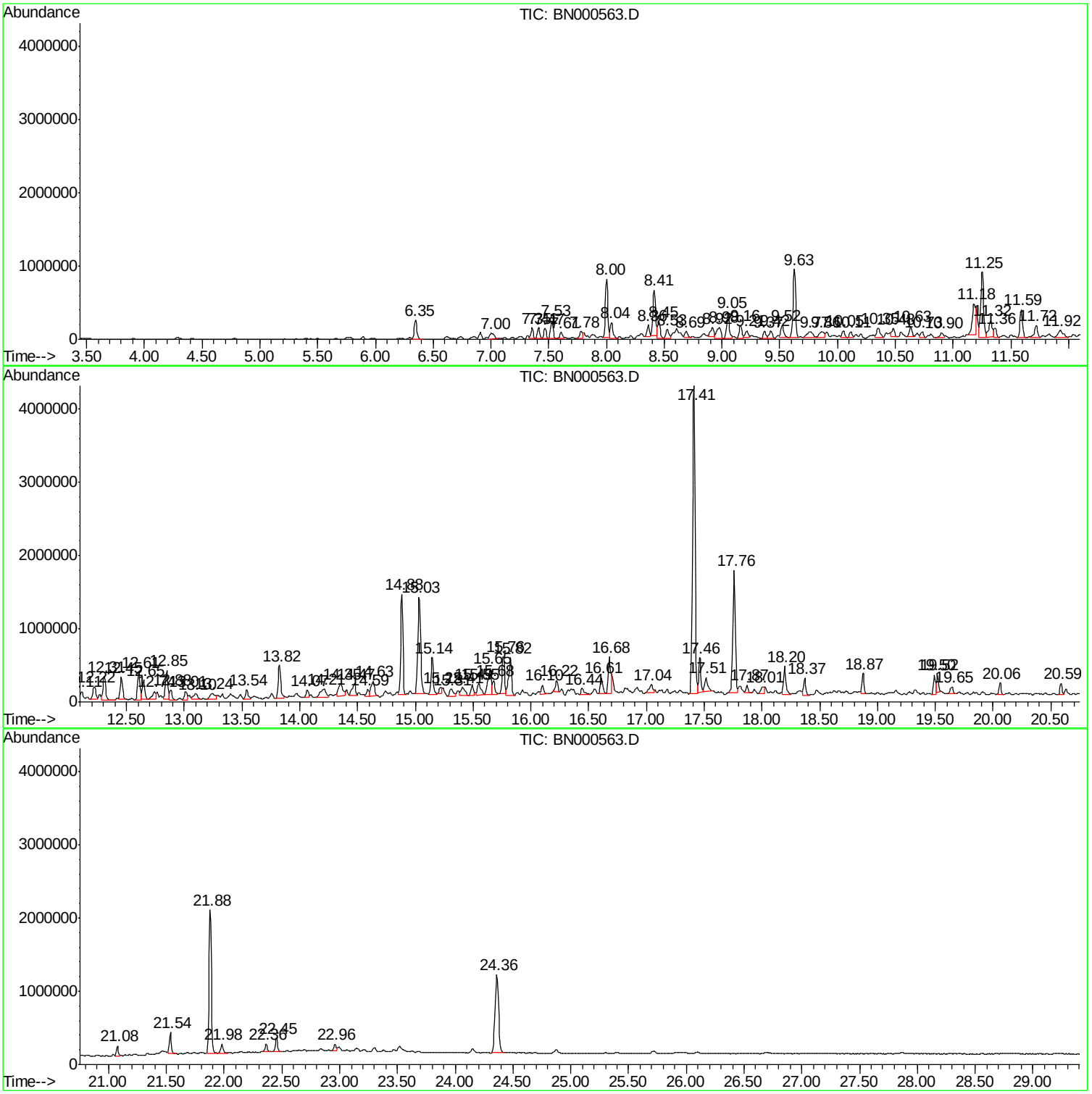
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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 : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
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Sample : J1905-03DL2 200X
Misc :
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Instrument : BNA_N
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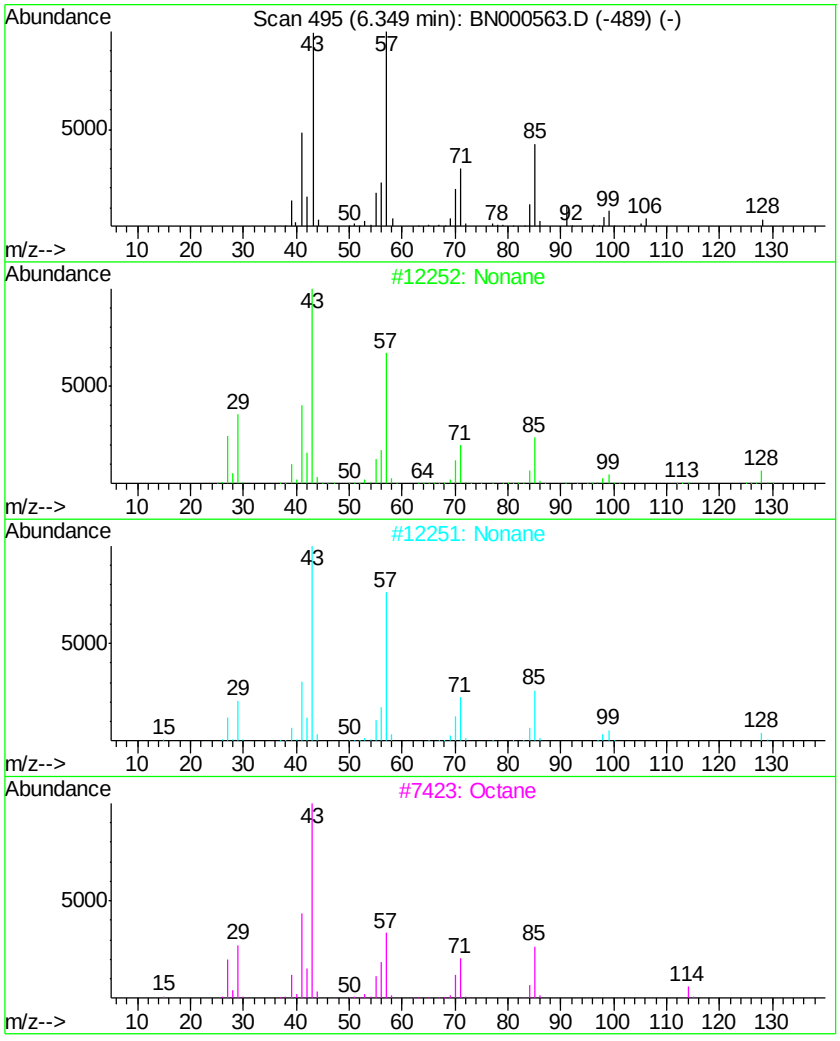
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

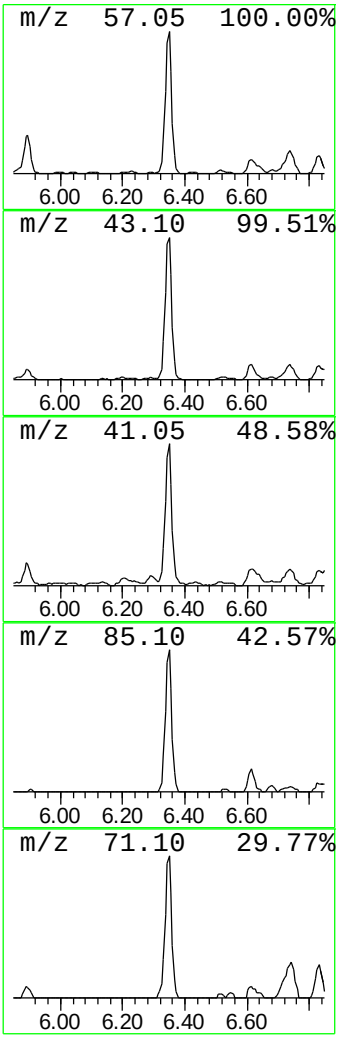
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	7.98 ng/ul	401921	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Nonane	128	C9H20	000111-84-2	91
3	Octane	114	C8H18	000111-65-9	72
4	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

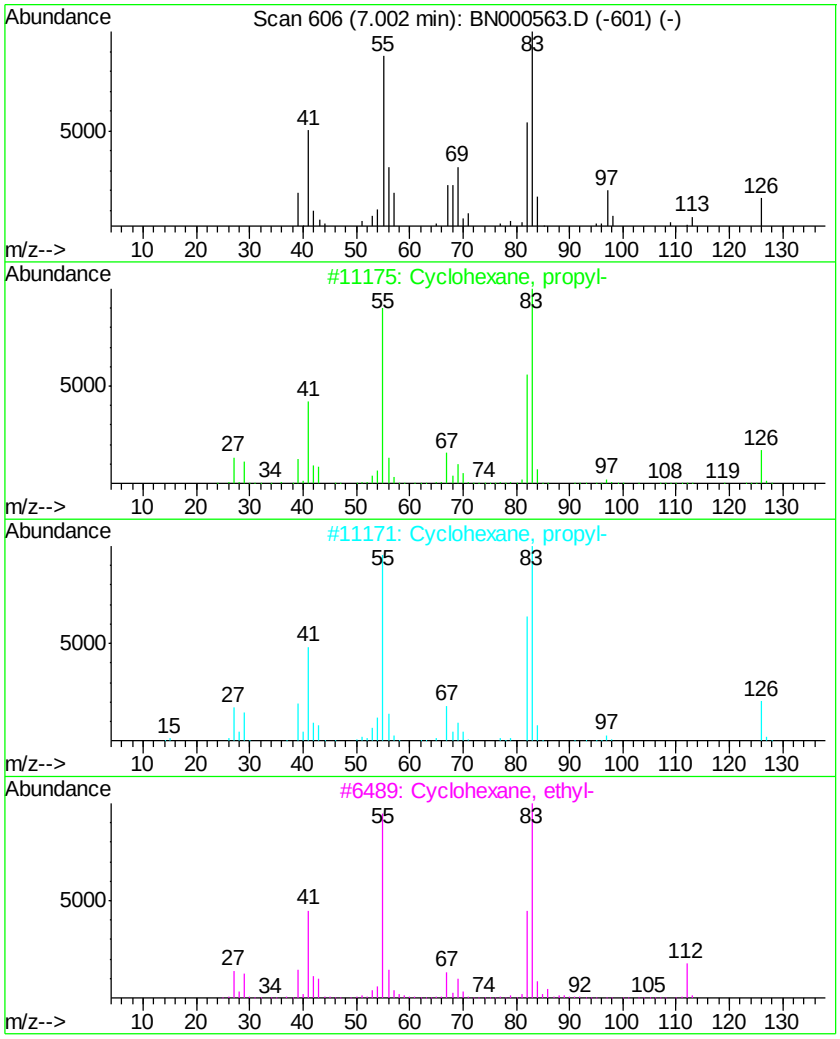
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

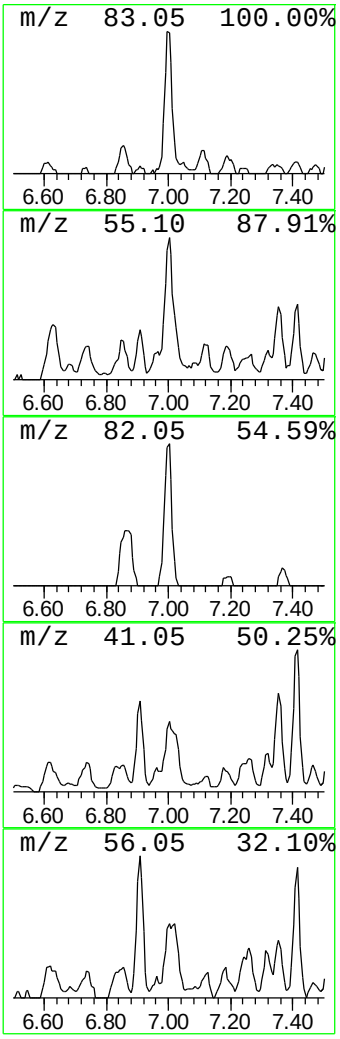
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic7.00 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	4.19 ng/ul	211343	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	53





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Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

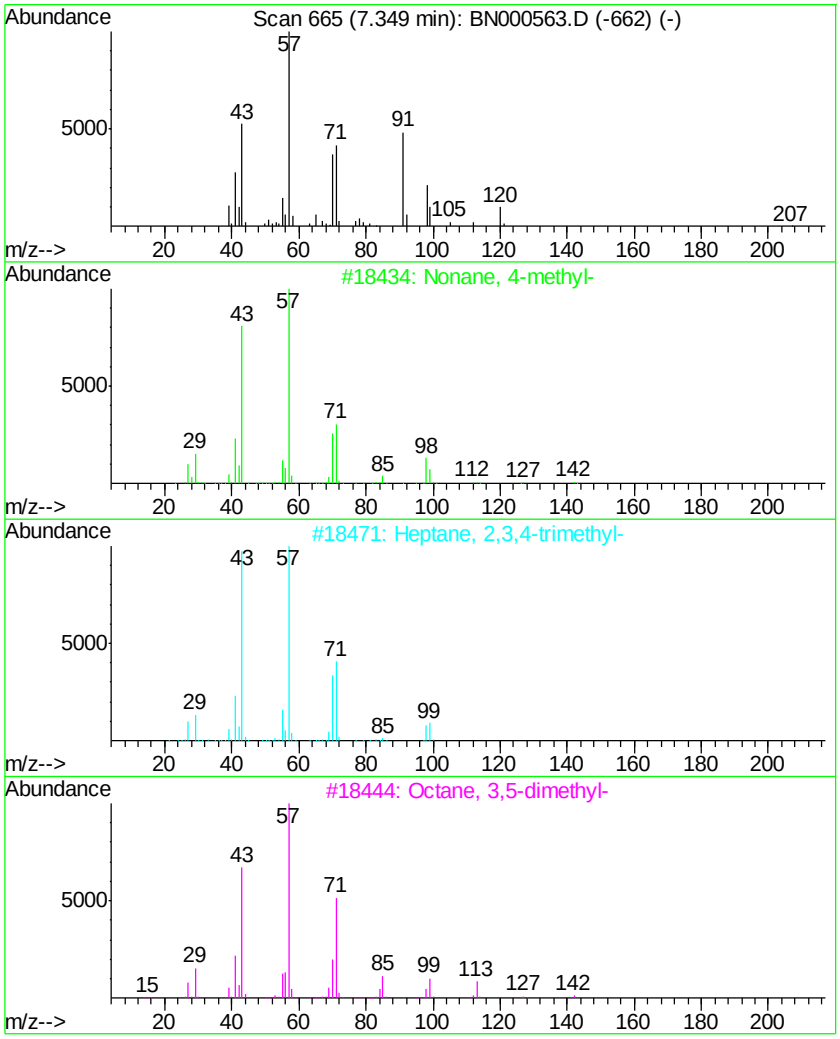
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

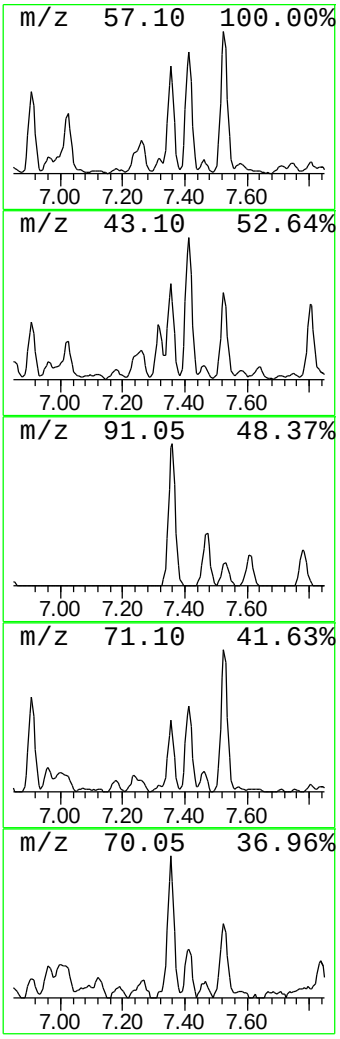
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	4.26 ng/ul	214458	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	74
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	47





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

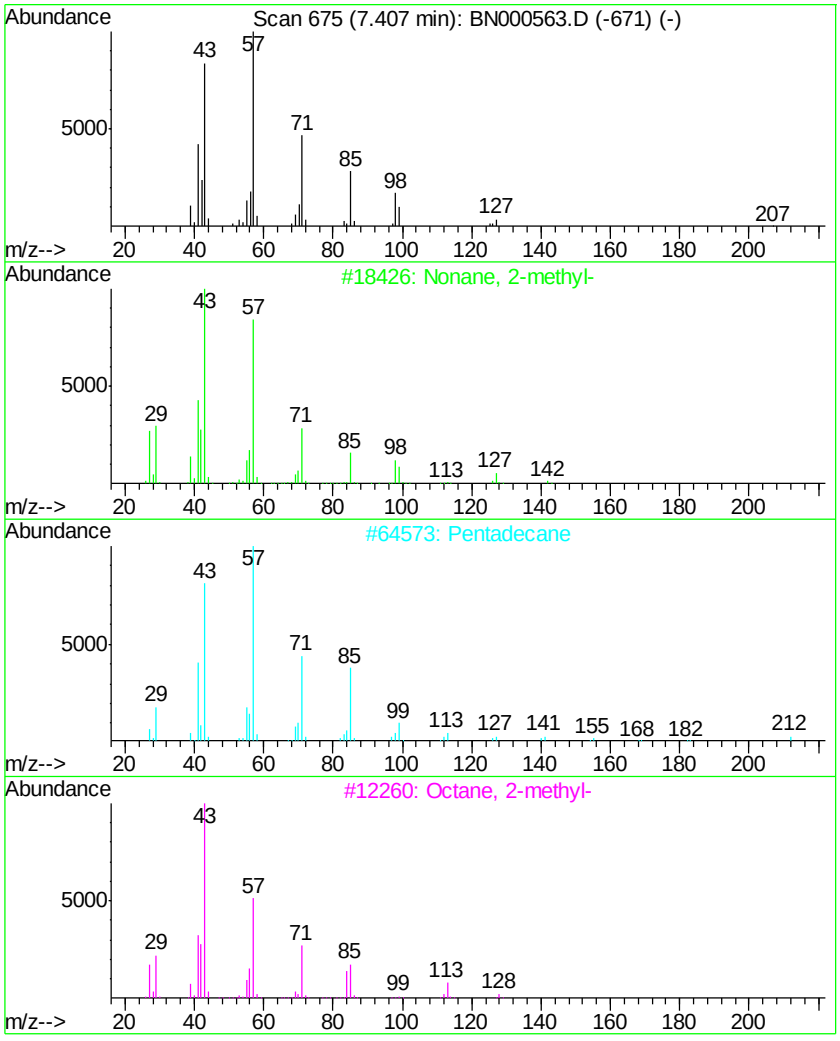
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

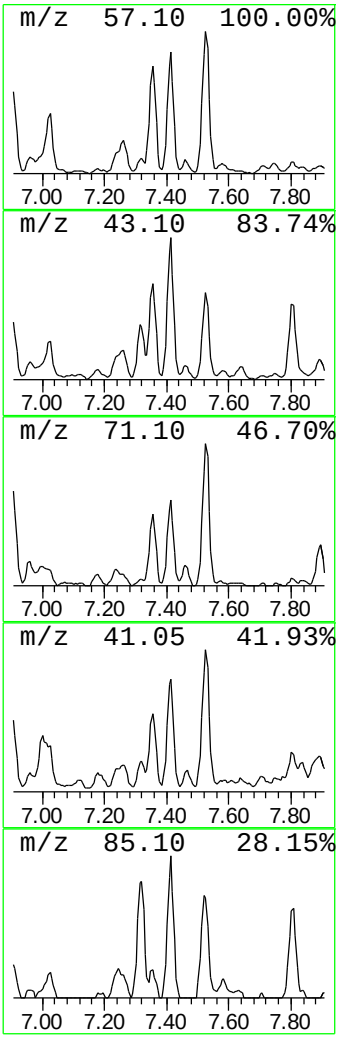
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	4.23 ng/ul	212987	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
2	Pentadecane	212	C15H32	000629-62-9	72
3	Octane, 2-methyl-	128	C9H20	003221-61-2	72
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
5	Eicosane	282	C20H42	000112-95-8	64





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

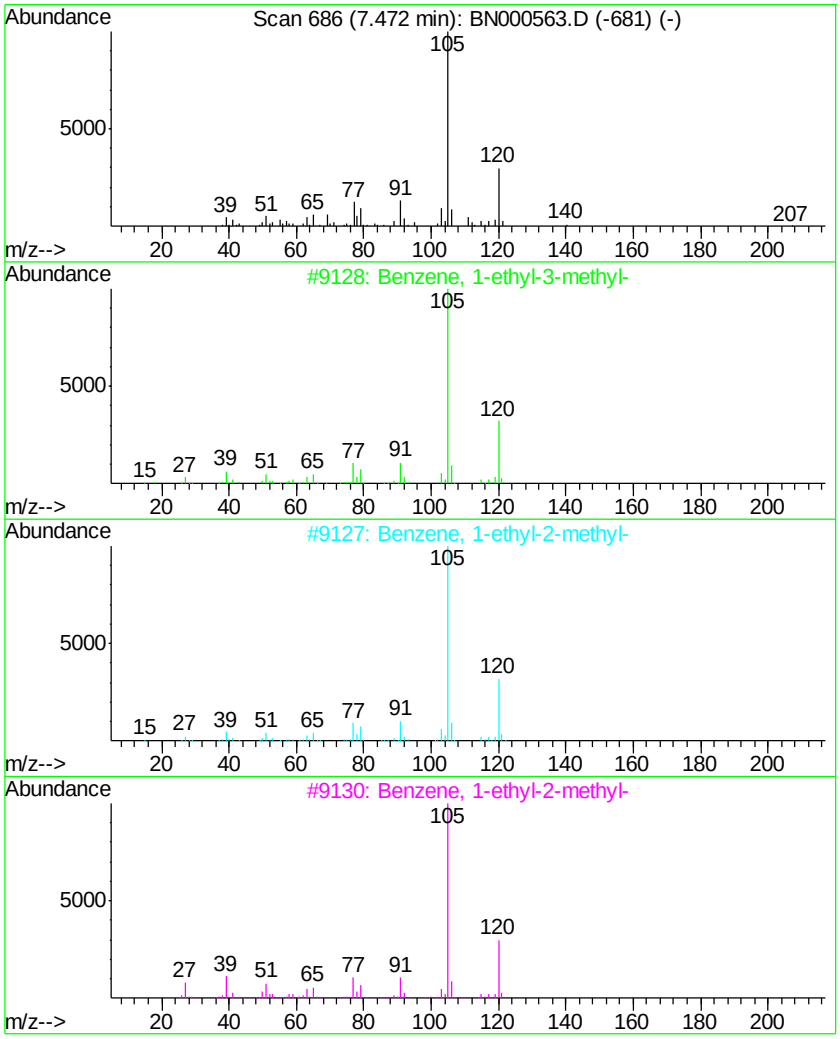
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

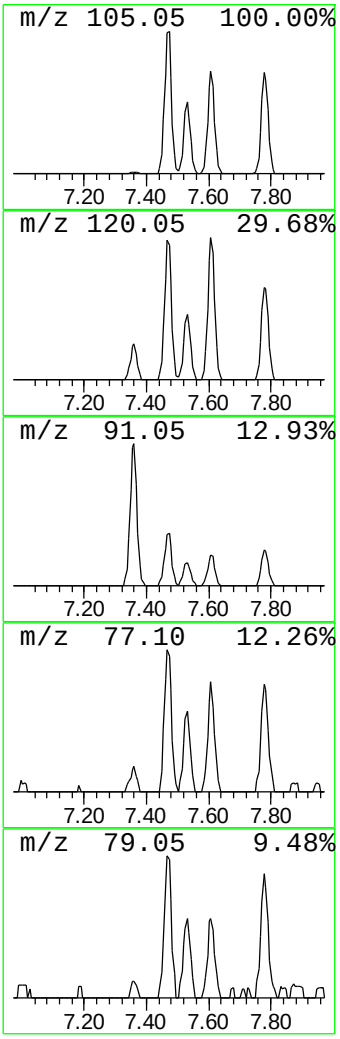
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.16 ng/ul	209383	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

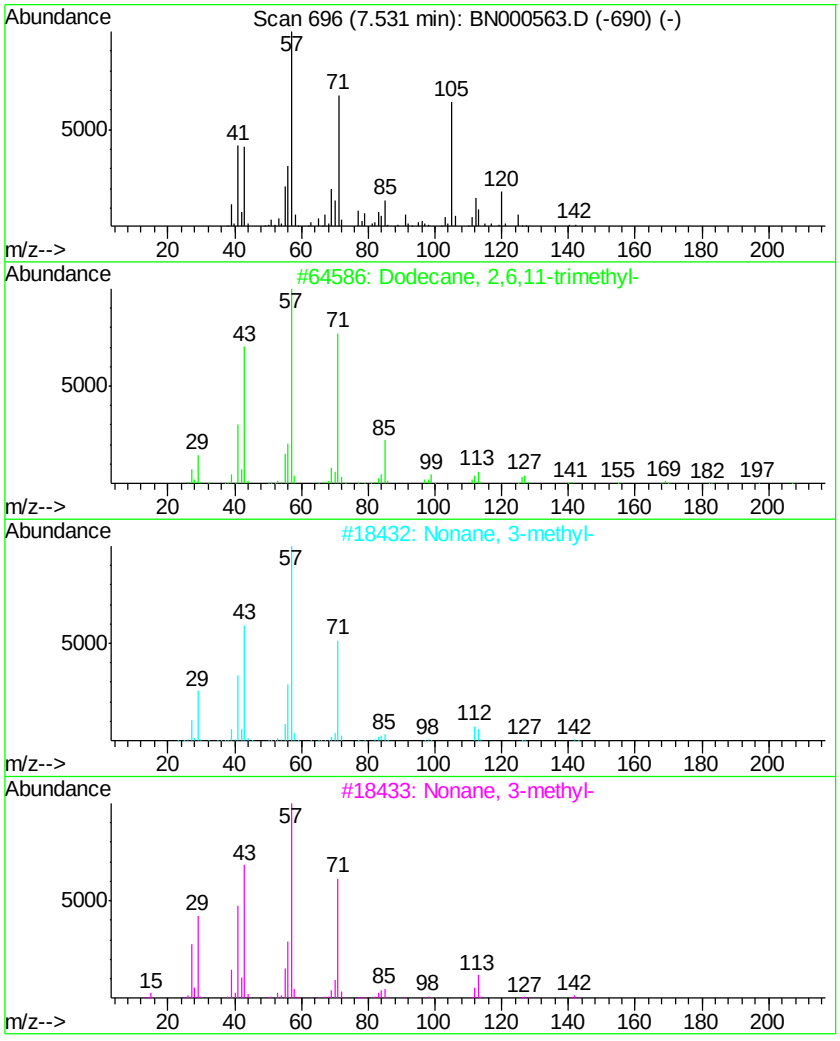
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

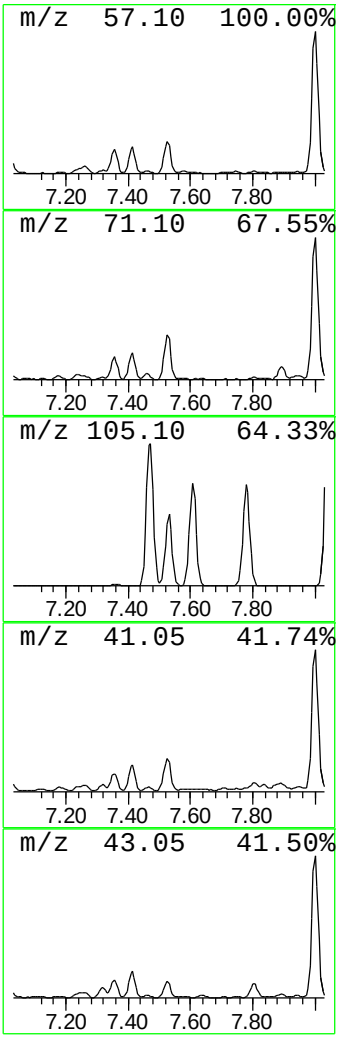
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	7.70 ng/ul	388101	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	53





Library Search Compound Report

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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

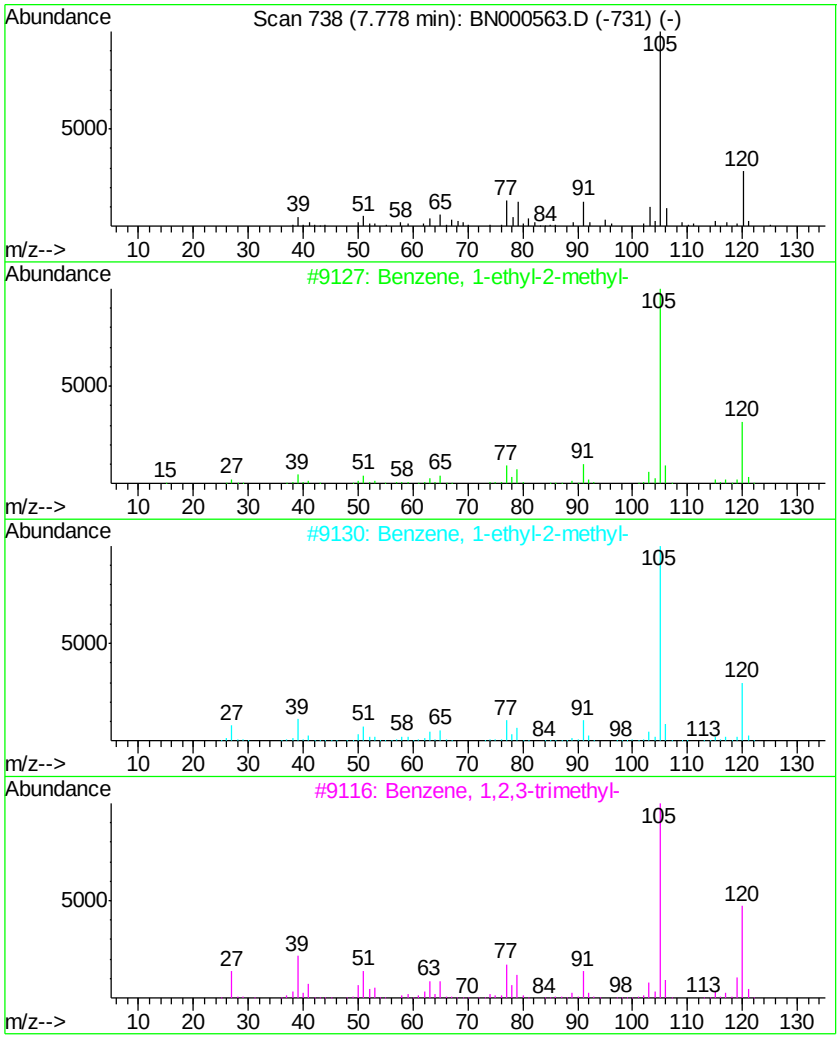
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

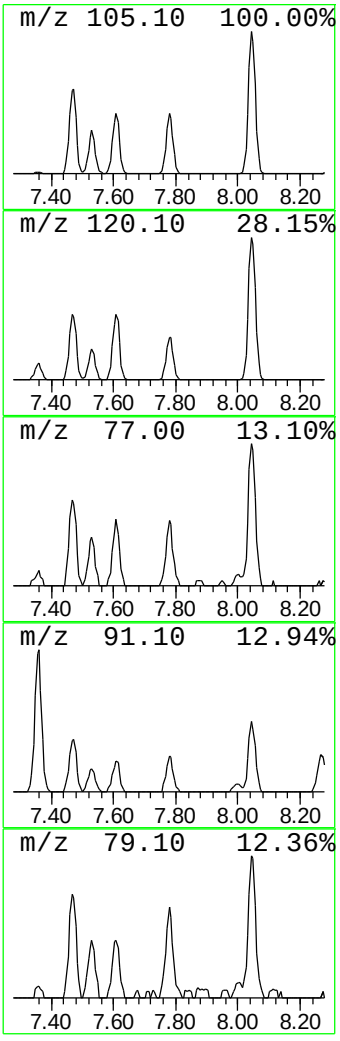
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	3.39 ng/ul	170953	1,4-Dichlorobenzene-d4	8.41

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-2-methyl-	120	C9H12	000611-14-3	94
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





Library Search Compound Report

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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

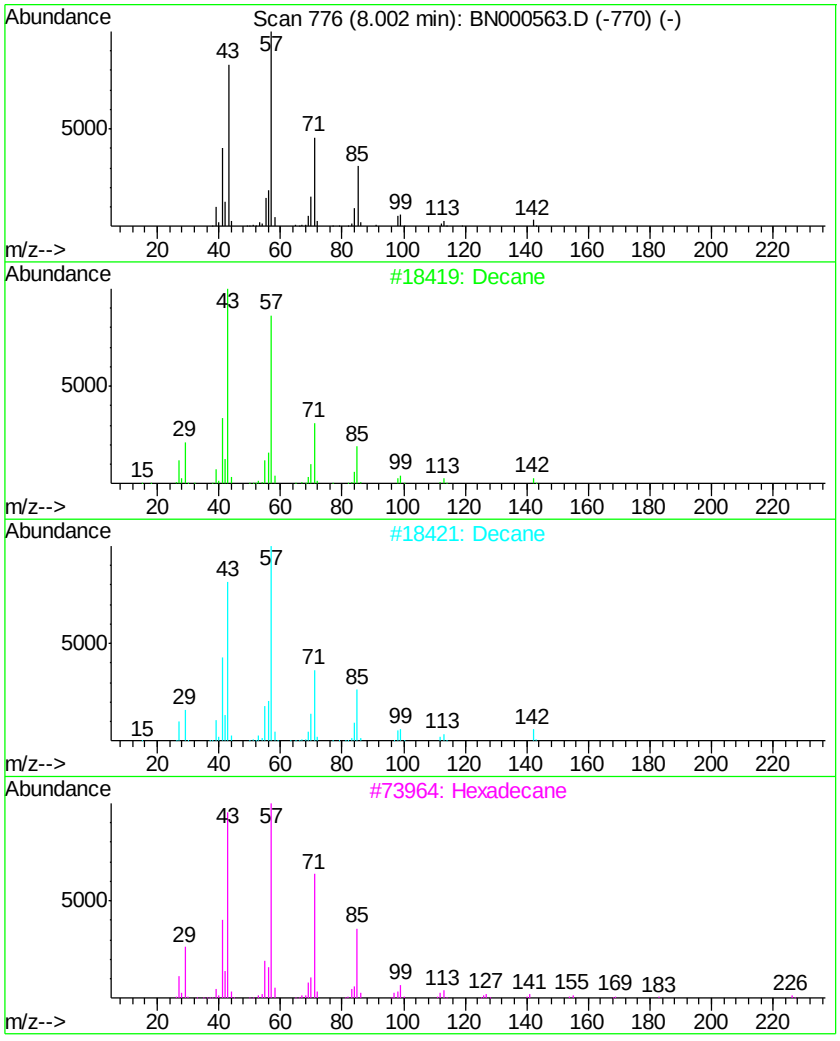
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

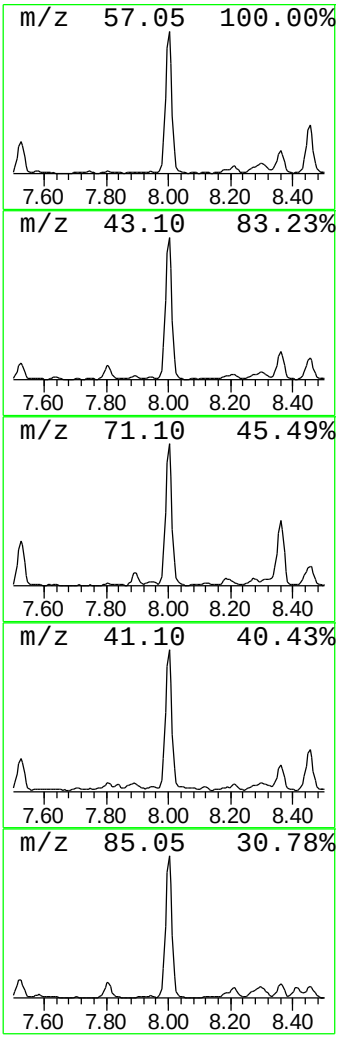
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	22.66 ng/ul	1141830	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Decane	142	C10H22	000124-18-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane	142	C10H22	000124-18-5	90
5	Tridecane	184	C13H28	000629-50-5	86





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Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

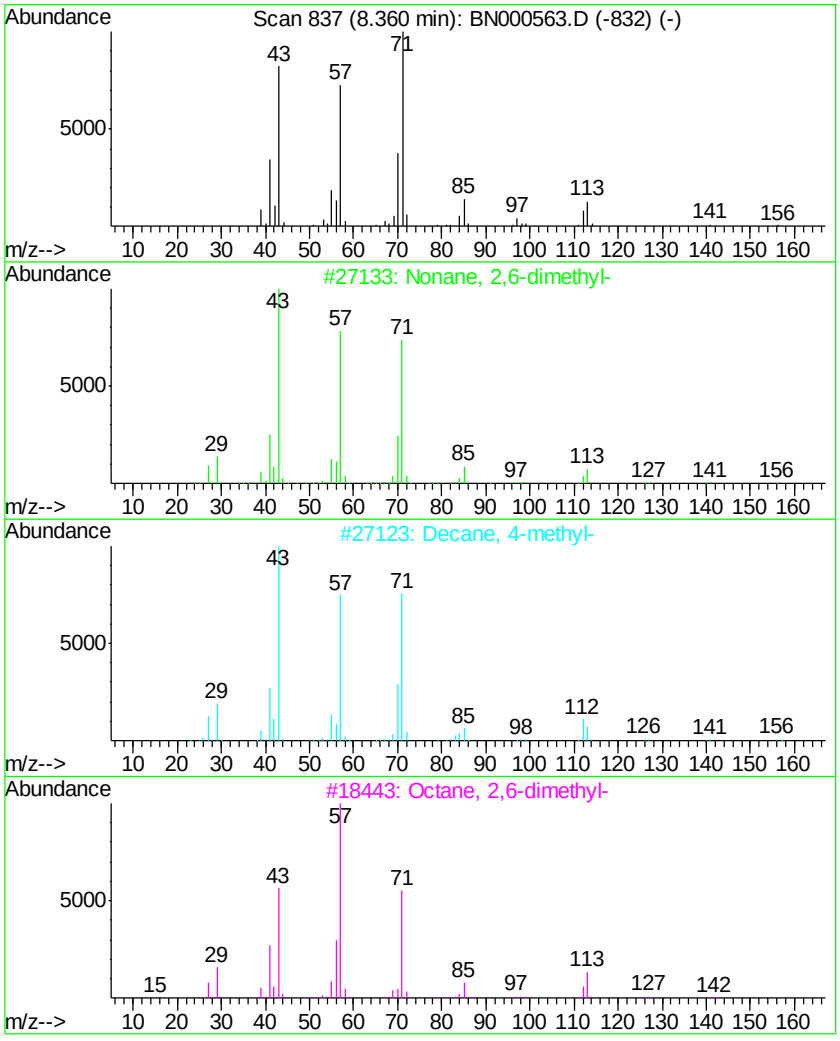
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

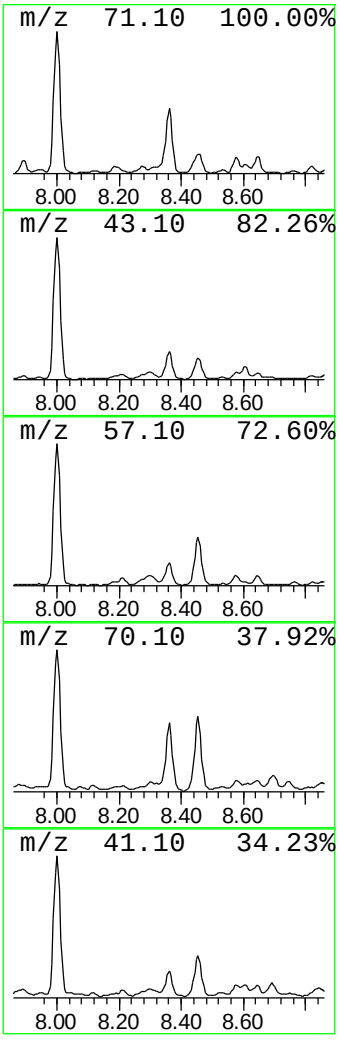
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	4.21 ng/ul	211907	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
2	Decane, 4-methyl-	156	C11H24	002847-72-5	83
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78





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Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

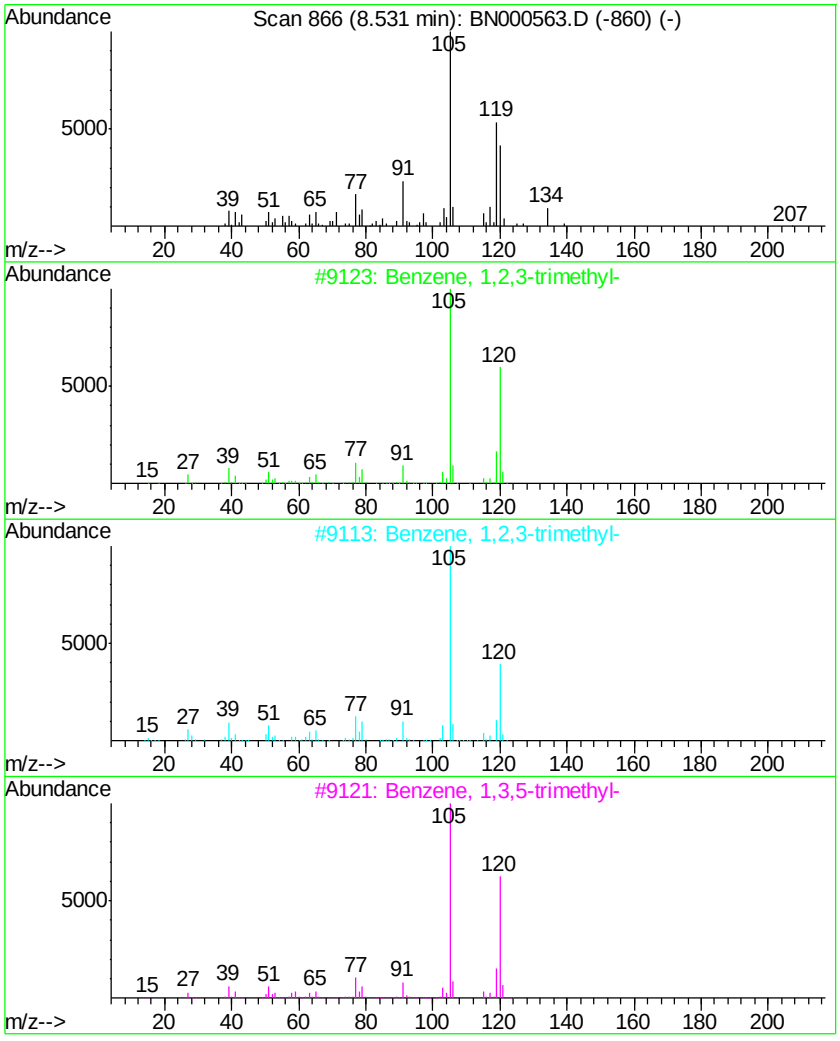
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

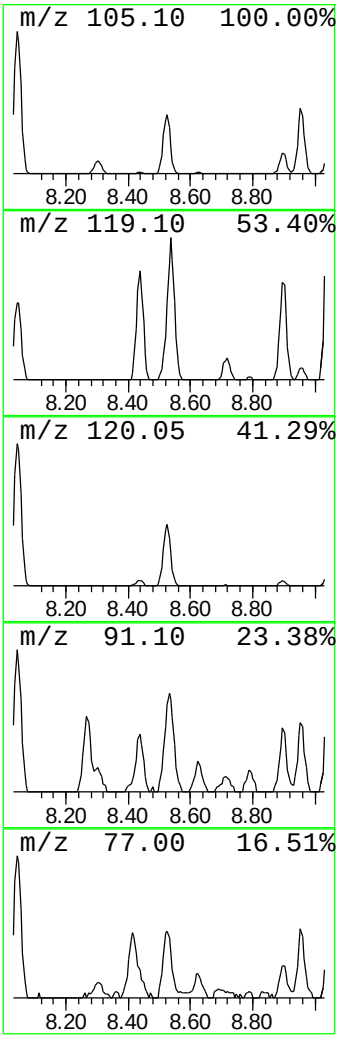
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	4.67 ng/ul	235286	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76





Library Search Compound Report

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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

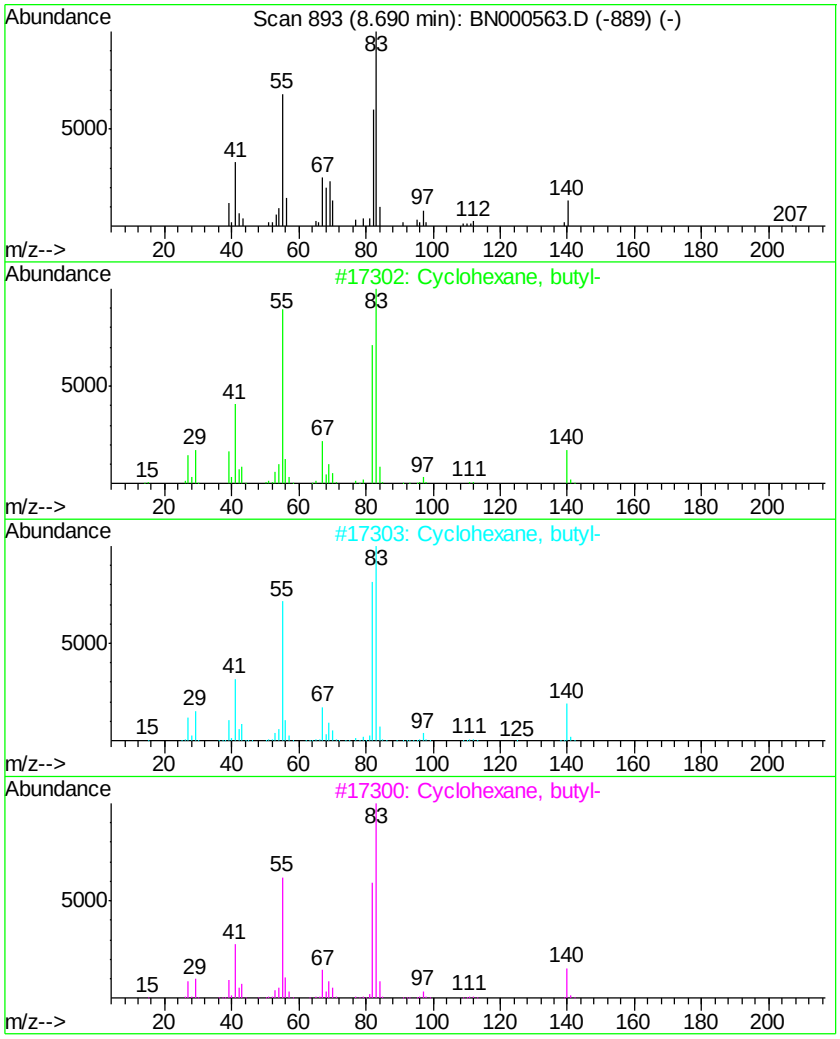
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

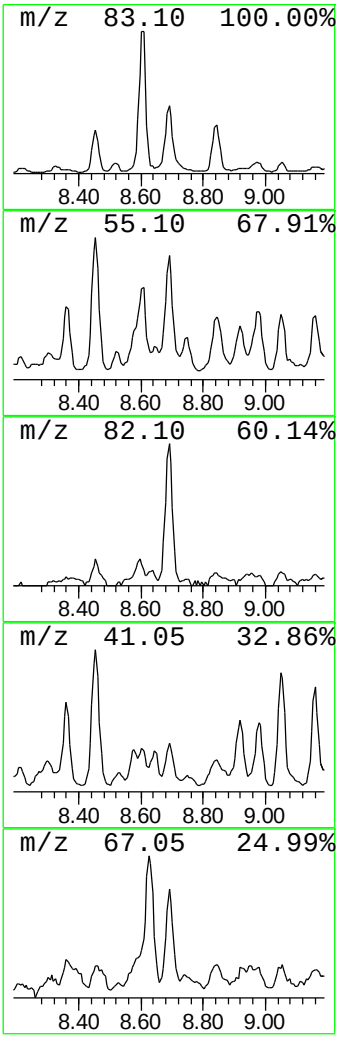
****

Peak Number 13 (DEL) Alkane: Cyclic8.69 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	2.62 ng/ul	131942	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	64





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

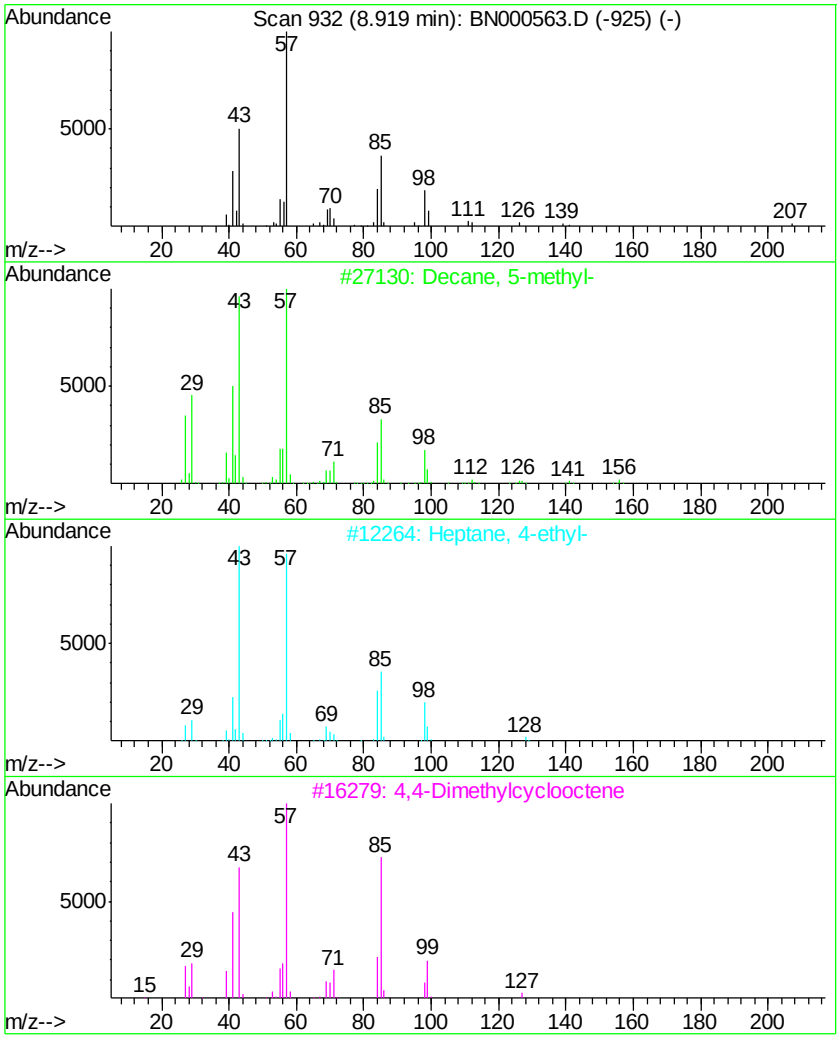
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

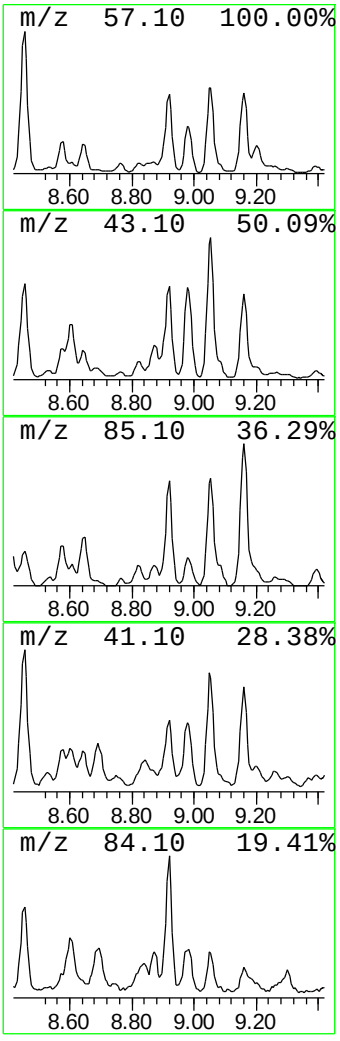
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	4.95 ng/ul	249193	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	64
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
3	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	53
4	Pentadecane	212	C15H32	000629-62-9	53
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	53





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

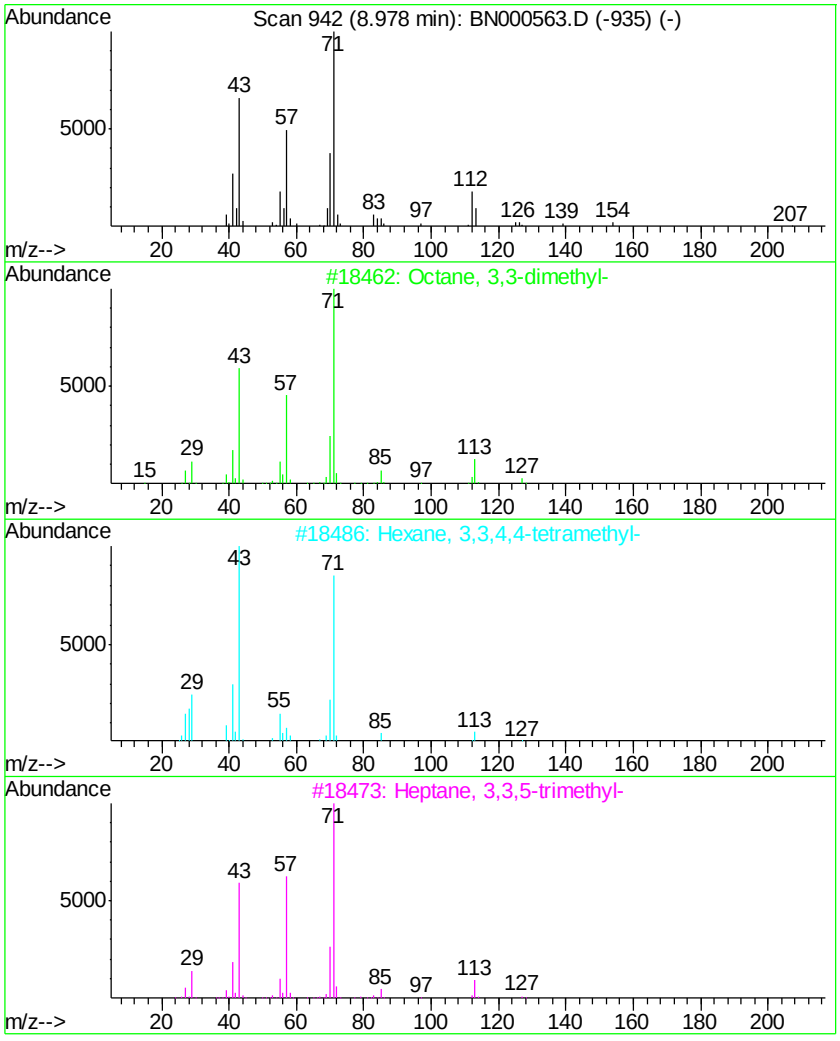
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

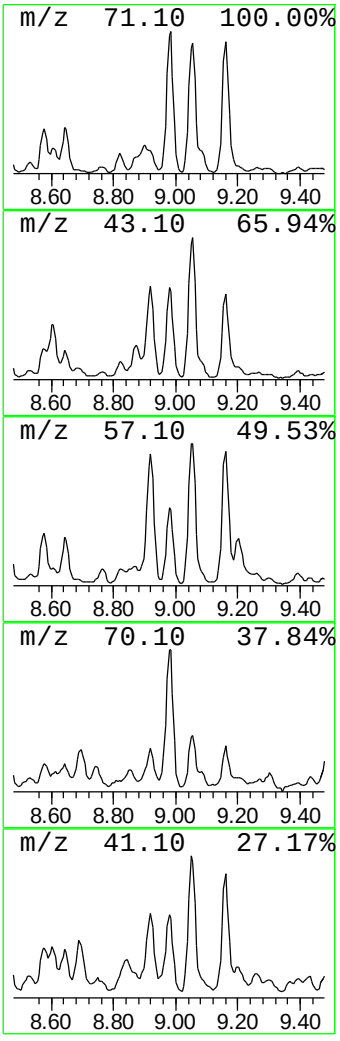
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	7.78 ng/ul	391756	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2	Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	64
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
5	Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	59





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Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

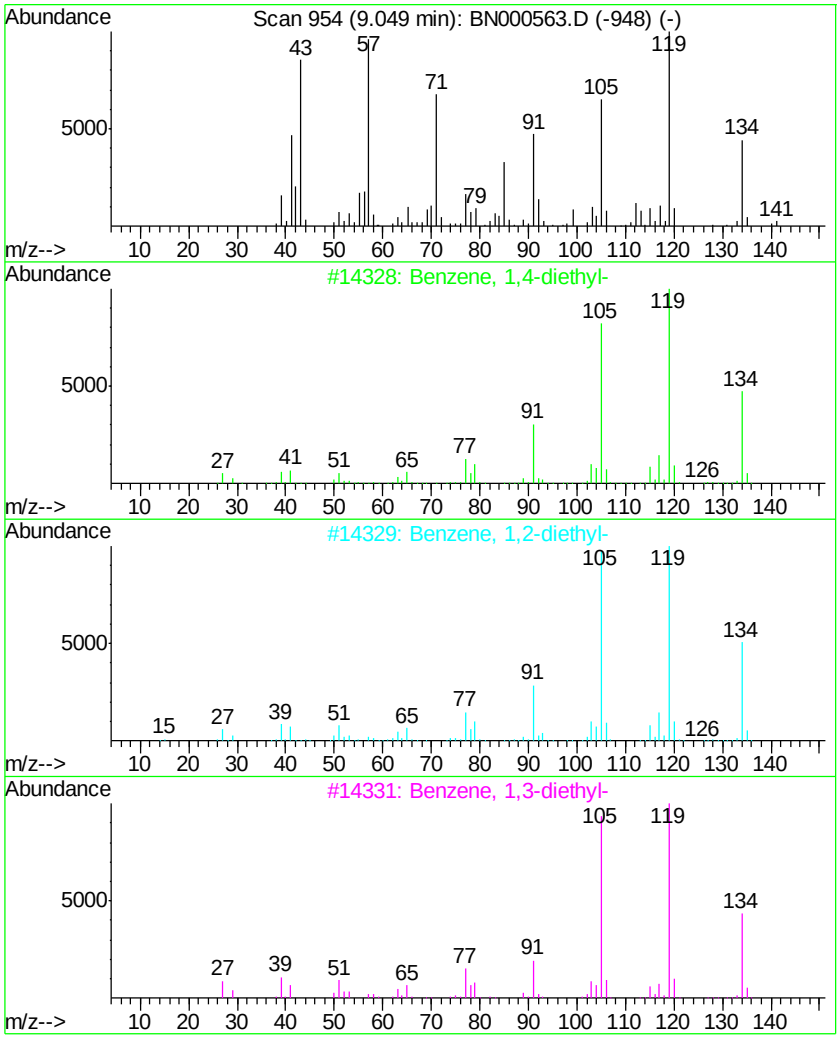
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

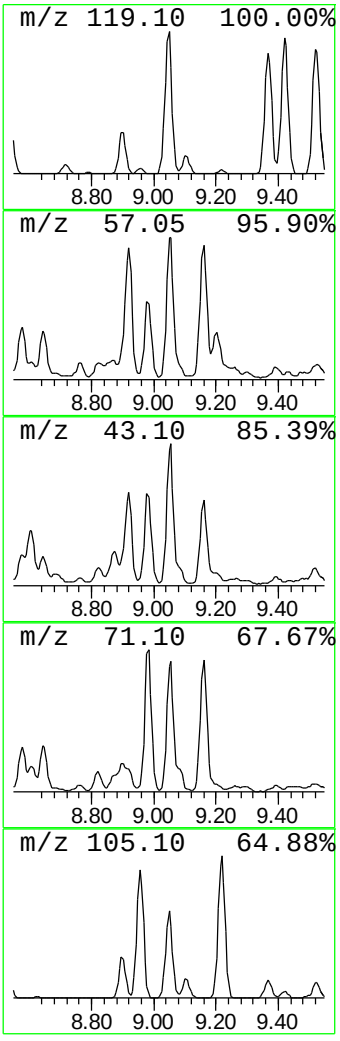
****

Peak Number 16 Benzene, 1,4-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	12.23 ng/ul	616280	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	78





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

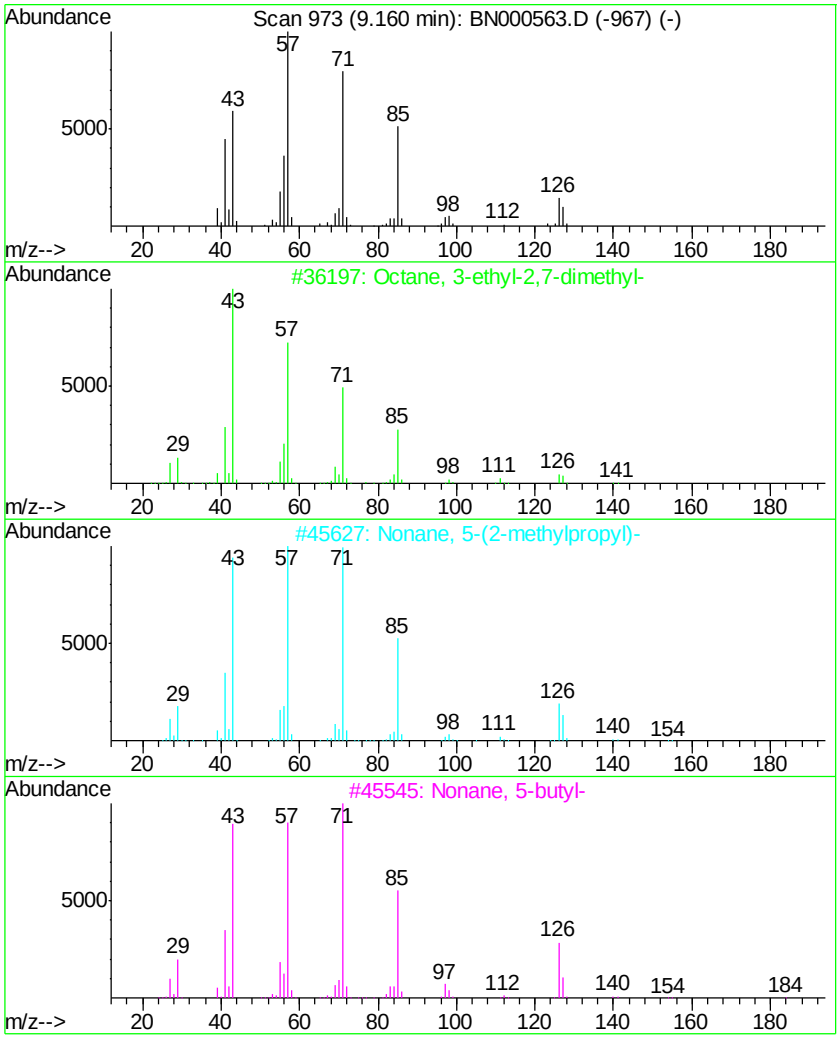
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

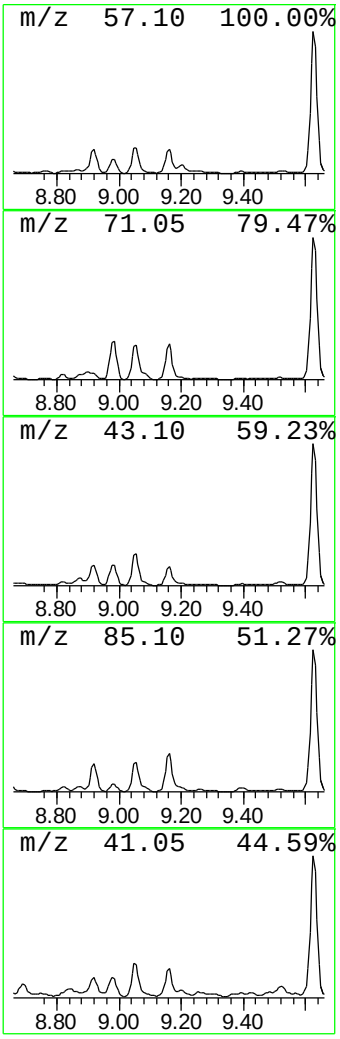
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	5.46 ng/ul	275076	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	83
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	78
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

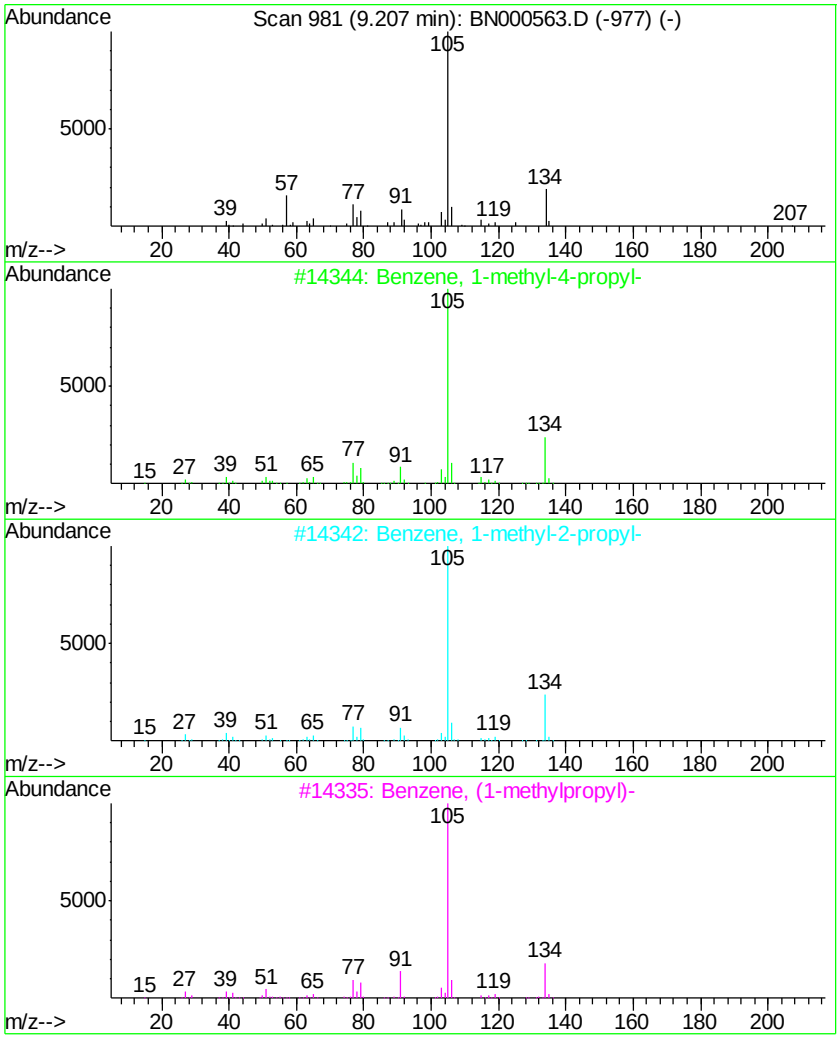
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

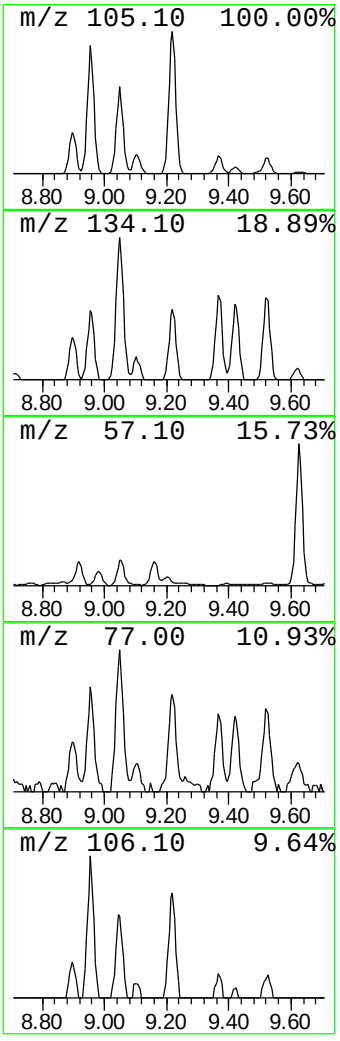
****

Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	3.35 ng/ul	168681	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





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Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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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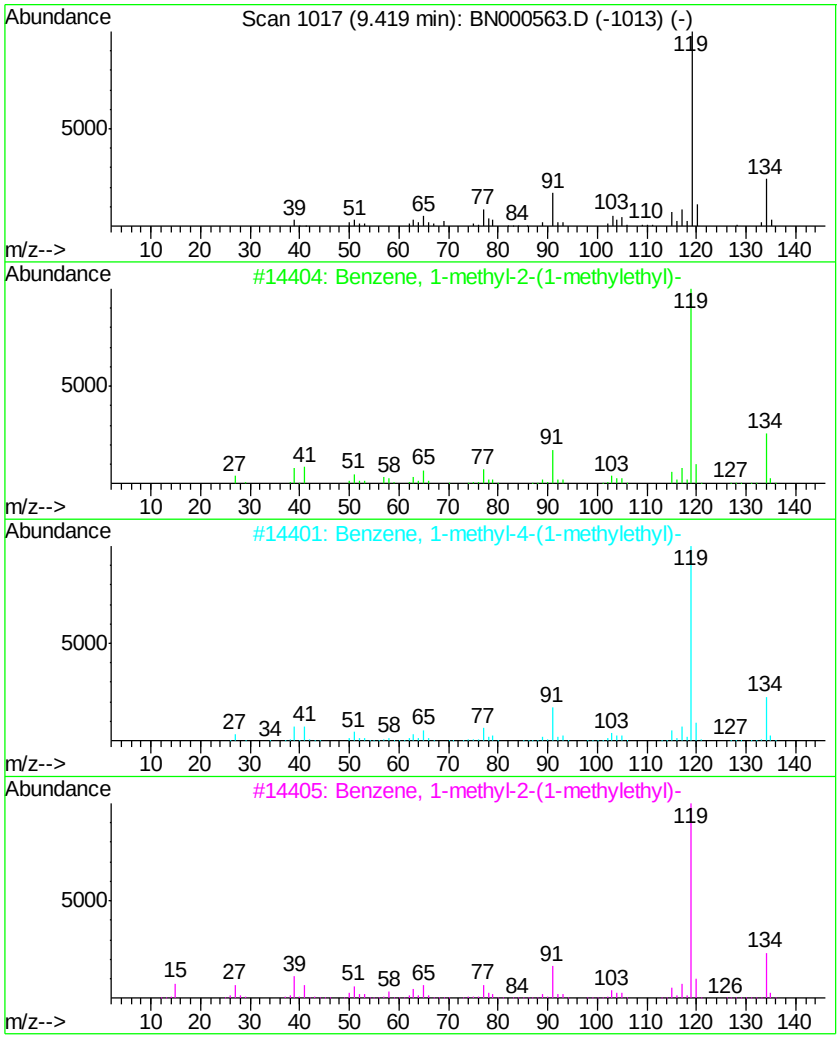
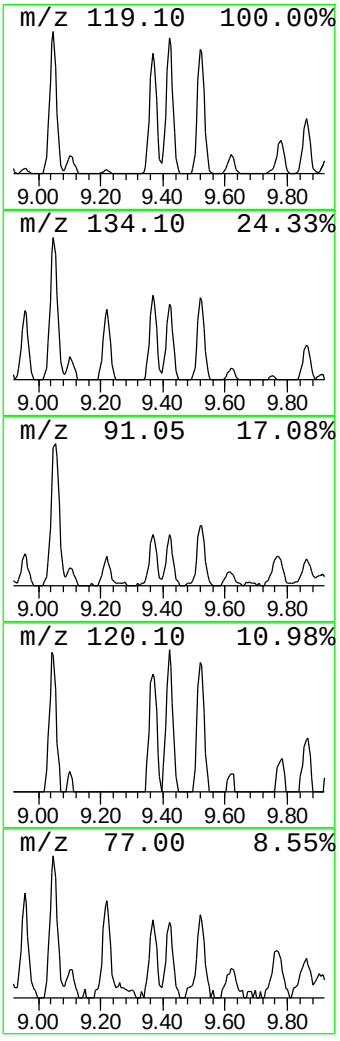
Peak Number 20 Benzene, 1-methyl-2-(1-meth... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.67 ng/ul	184990	1,4-Dichlorobenzene-d4	8.41

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	97
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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Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

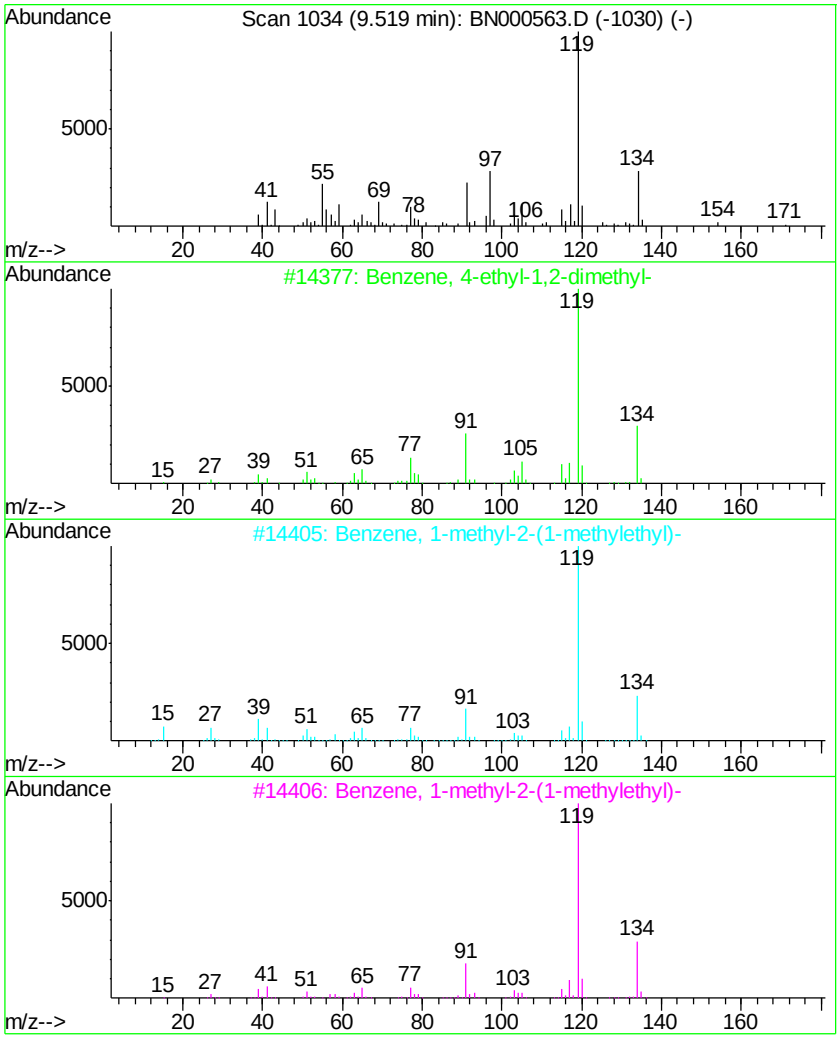
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

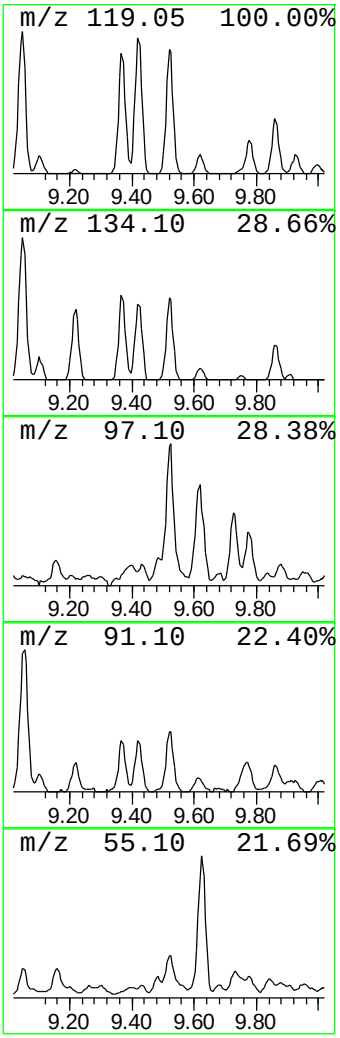
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	6.00 ng/ul	302518	1,4-Dichlorobenzene-d4	8.41

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-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

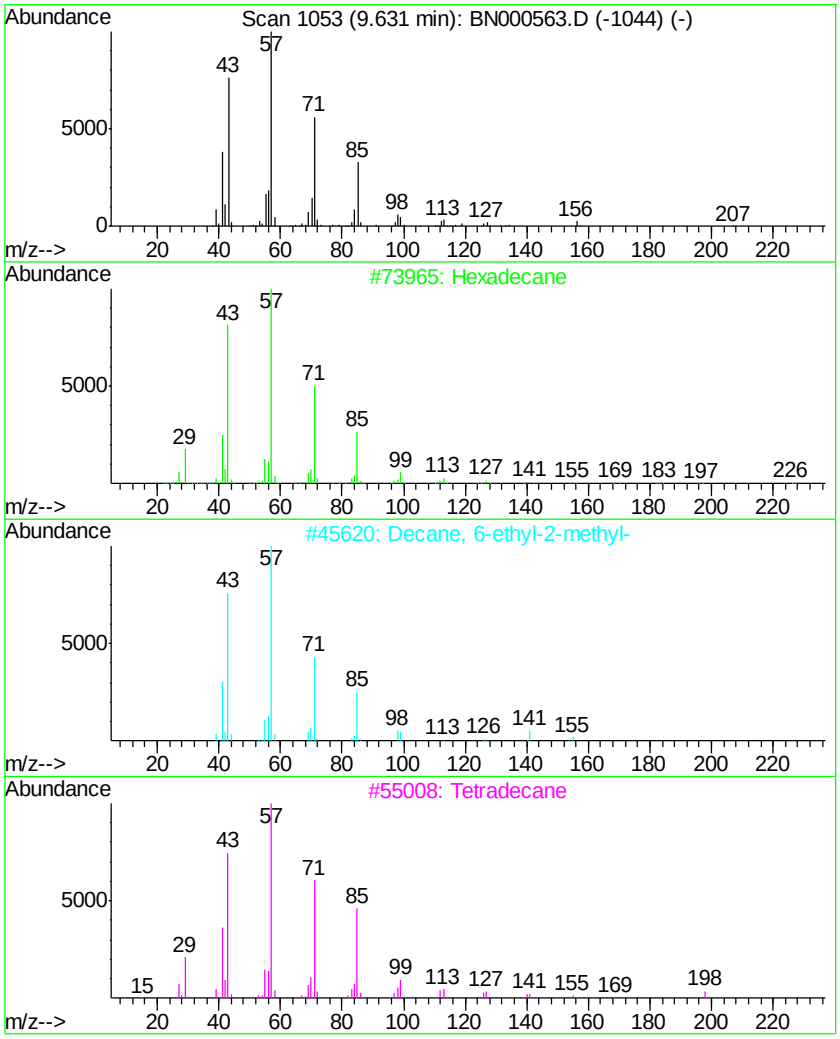
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

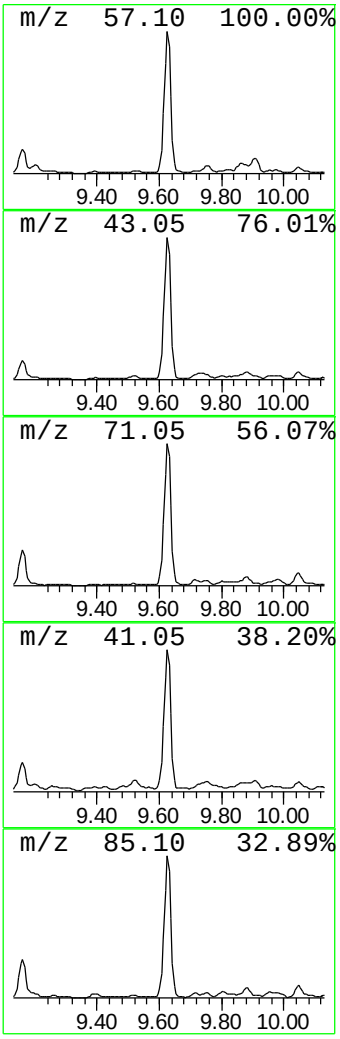
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	28.16 ng/ul	1418830	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Hexadecane	226	C16H34	000544-76-3	78





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

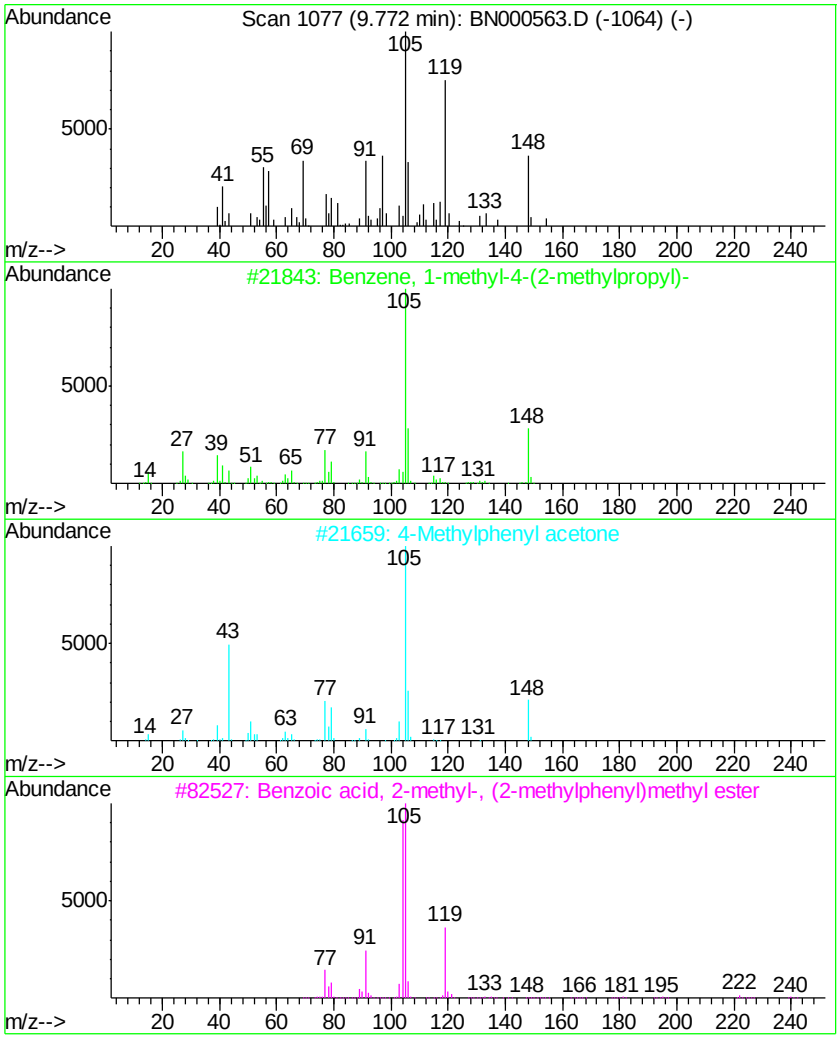
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

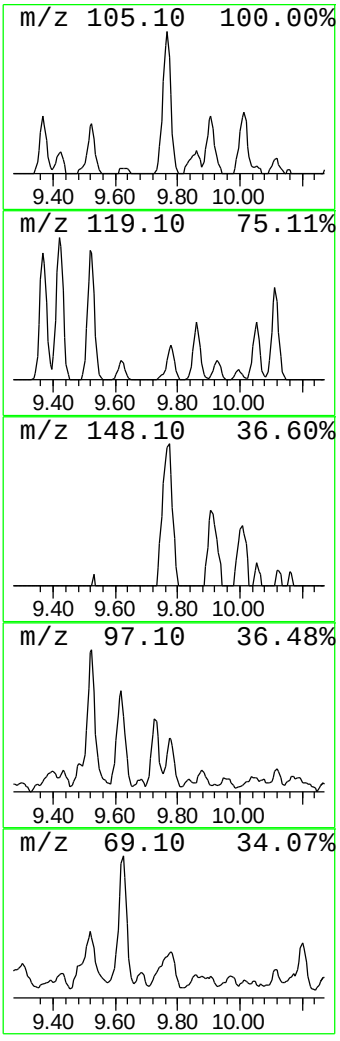
****

Peak Number 23 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	5.66 ng/ul	284965	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
3	Benzoic acid, 2-methyl-, (2-meth...	240	C16H16O2	055133-99-8	35
4	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	35
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	35





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

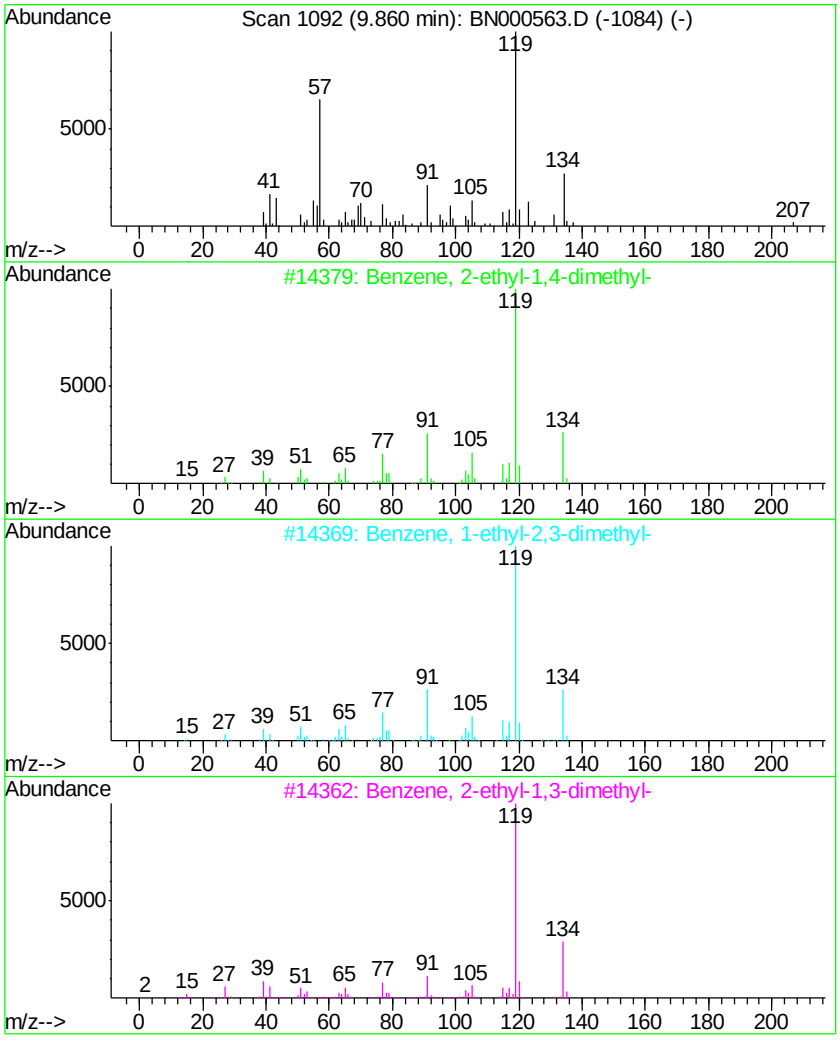
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

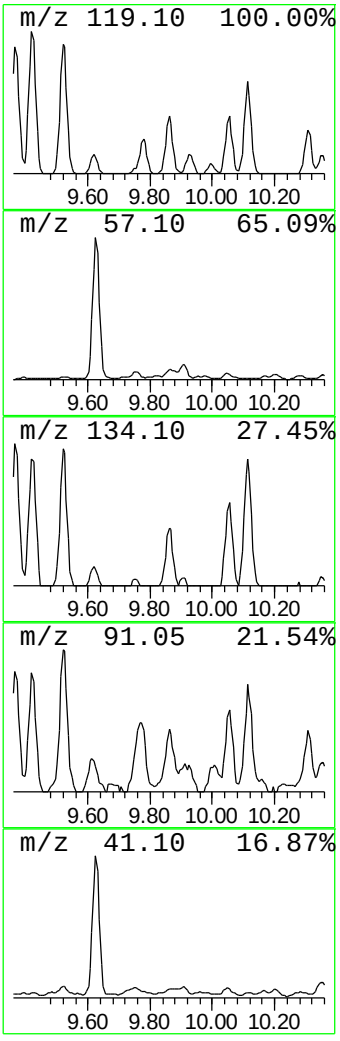
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.69 ng/ul	218205	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

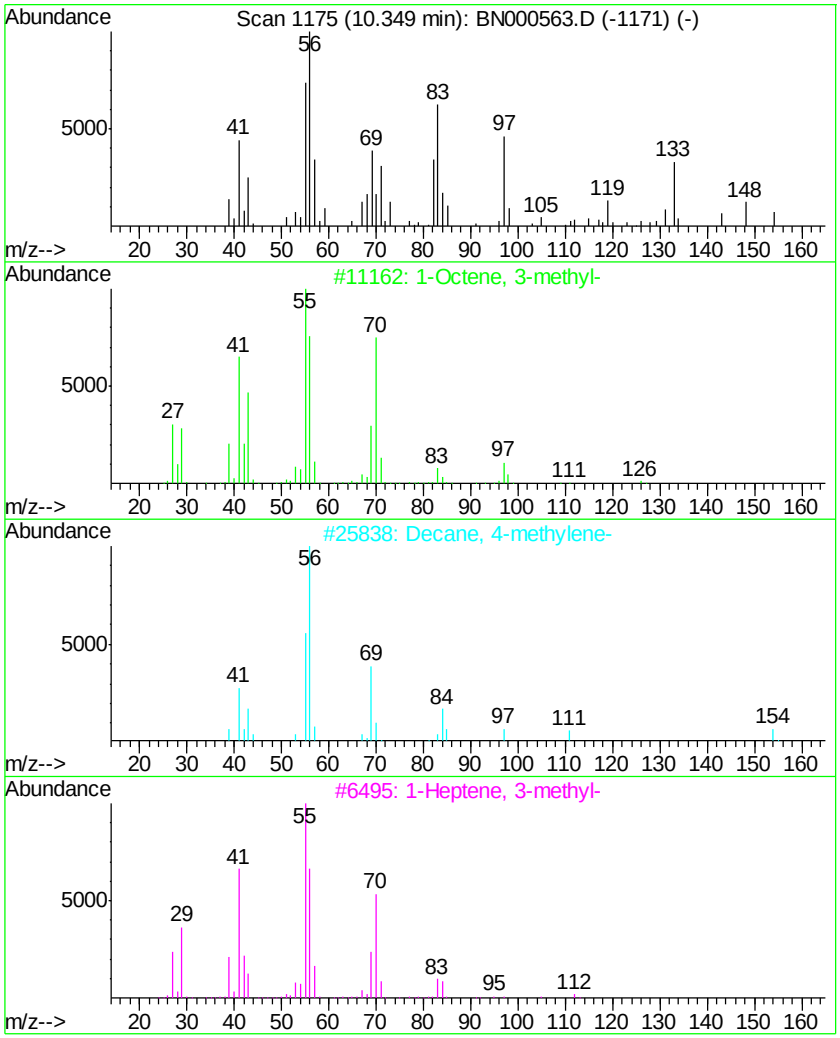
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

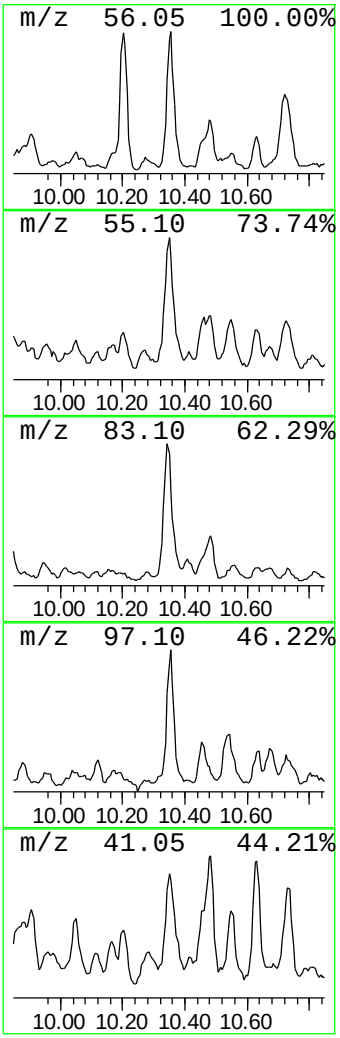
****

Peak Number 25 (DEL) Alkane: Cyclic10.35 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	3.11 ng/ul	251834	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 3-methyl-	126	C9H18	013151-08-1	35
2	Decane, 4-methylene-	154	C11H22	024949-41-5	30
3	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	27
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	25
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

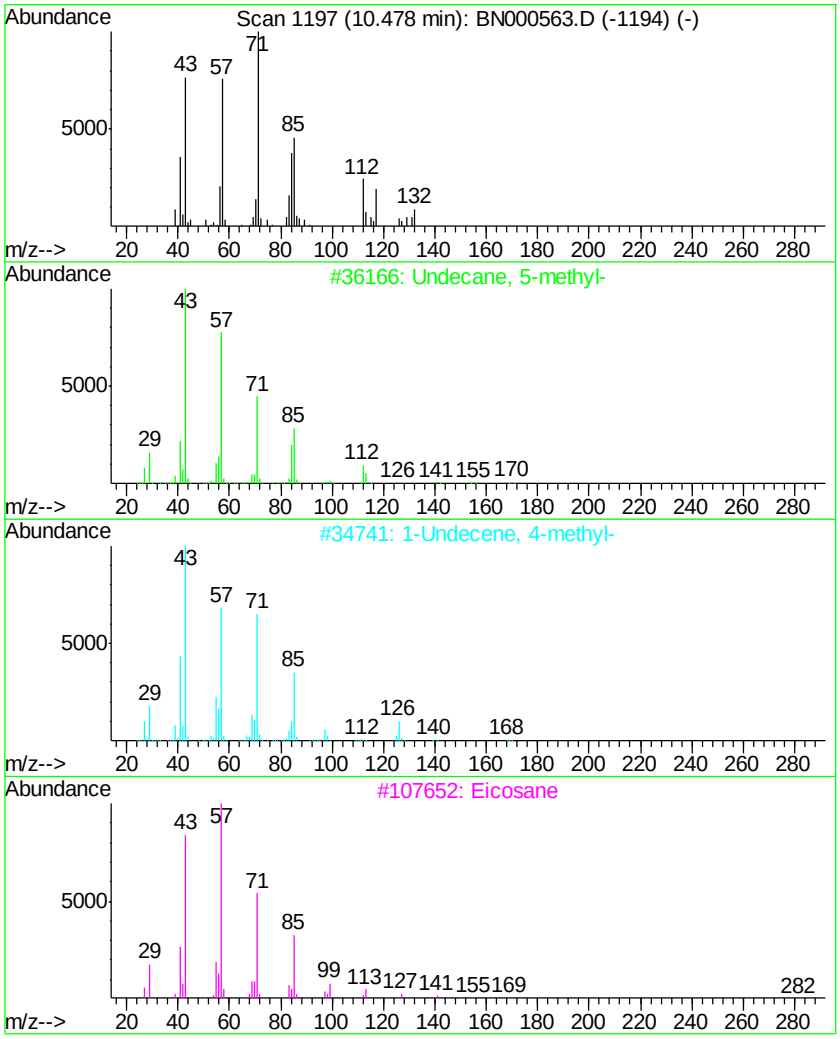
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

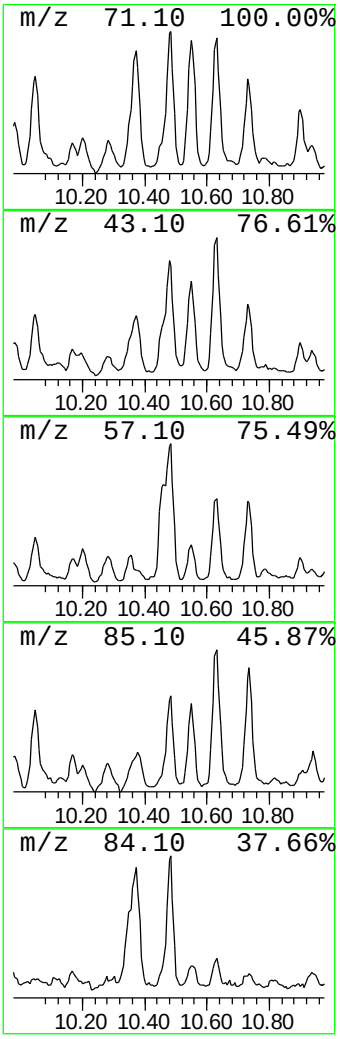
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.26 ng/ul	182997	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	50
3	Eicosane	282	C20H42	000112-95-8	47
4	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	43
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	43





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

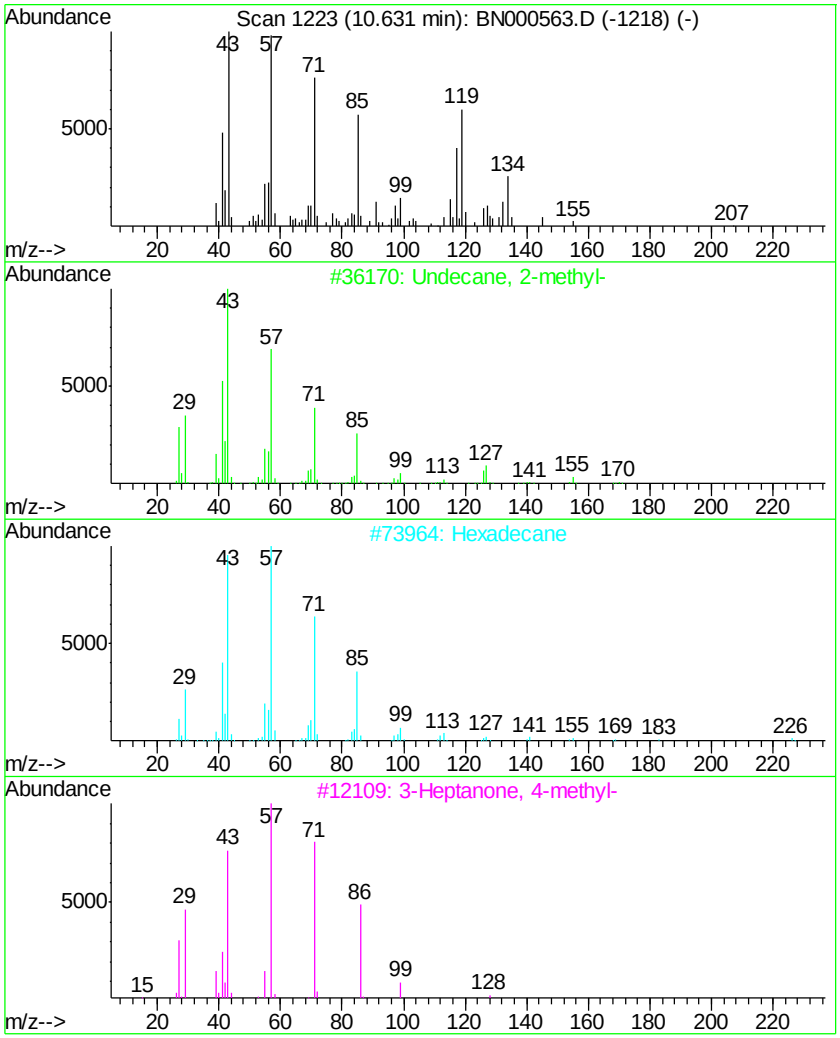
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

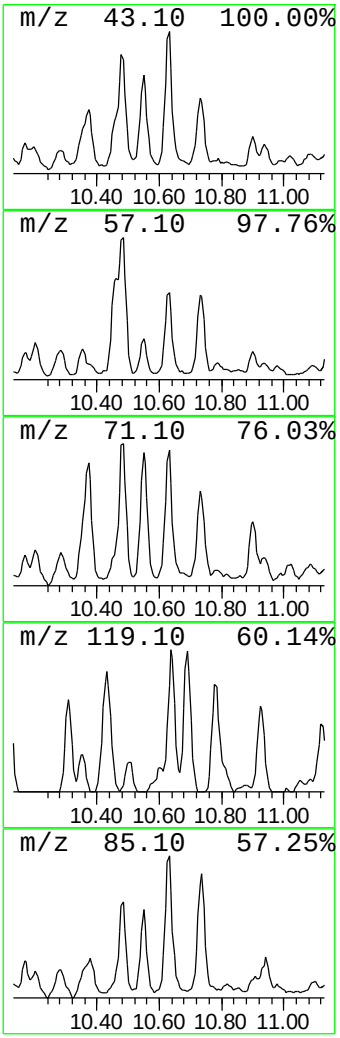
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	2.79 ng/ul	226338	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	46
2	Hexadecane	226	C16H34	000544-76-3	30
3	3-Heptanone, 4-methyl-	128	C8H16O	006137-11-7	18
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	15
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	11





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

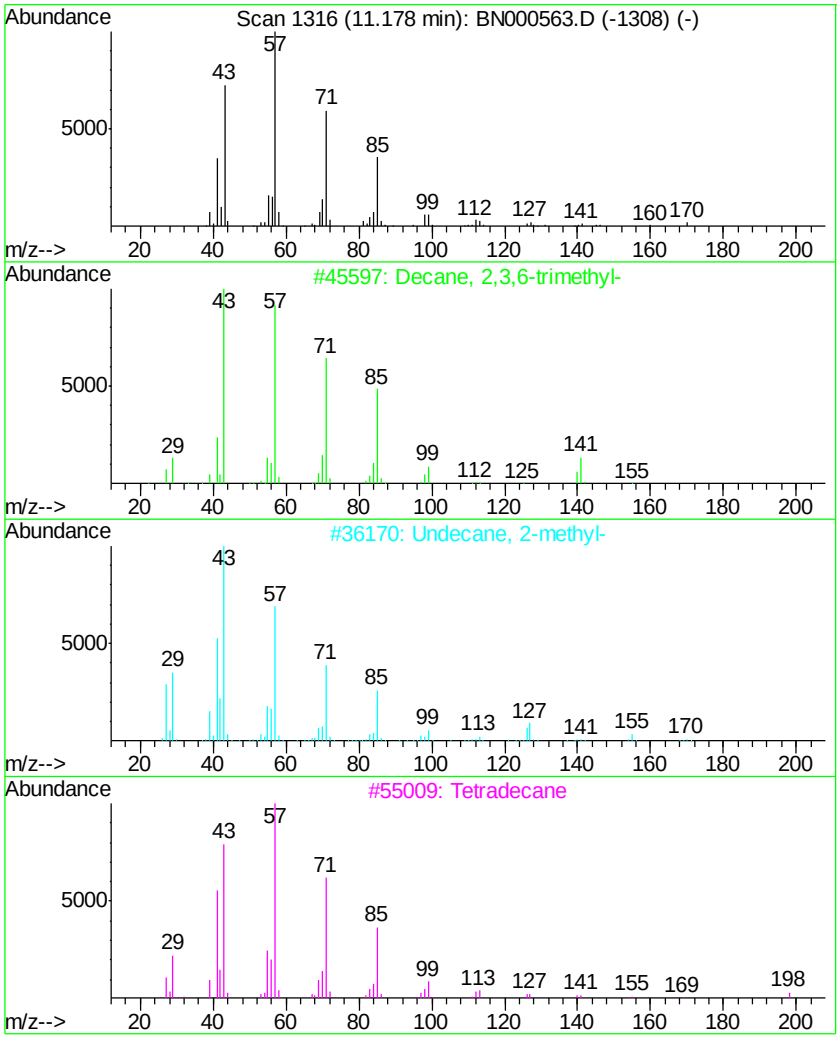
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

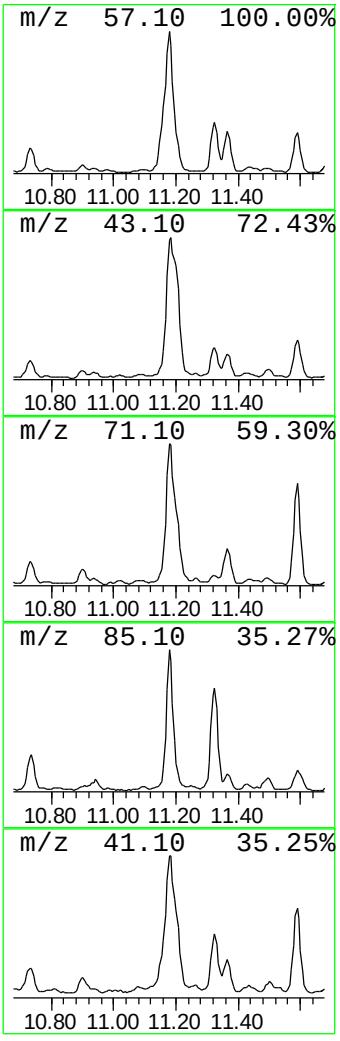
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	10.25 ng/ul	831080	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Eicosane	282	C20H42	000112-95-8	80





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

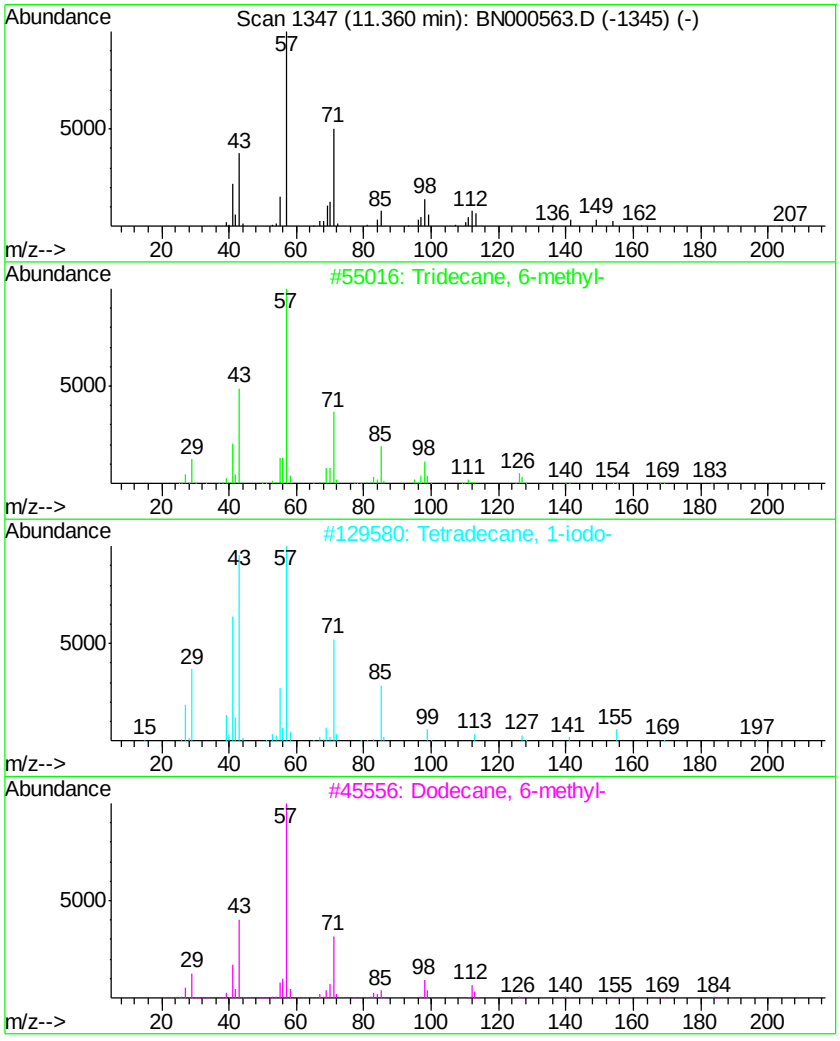
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

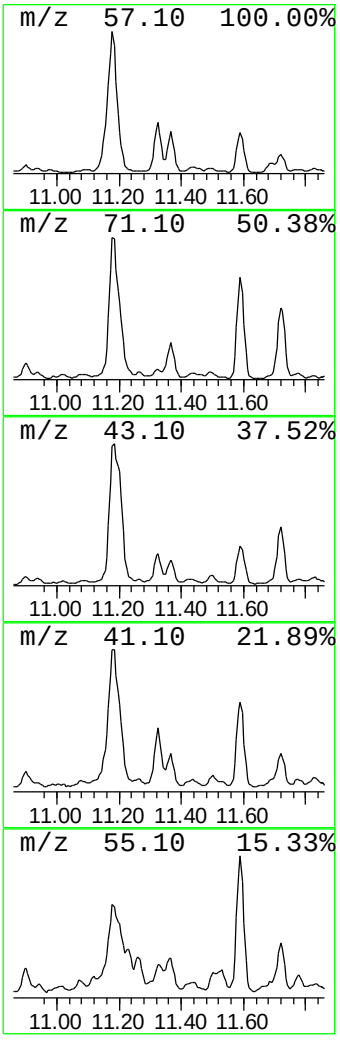
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.45 ng/ul	198641	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

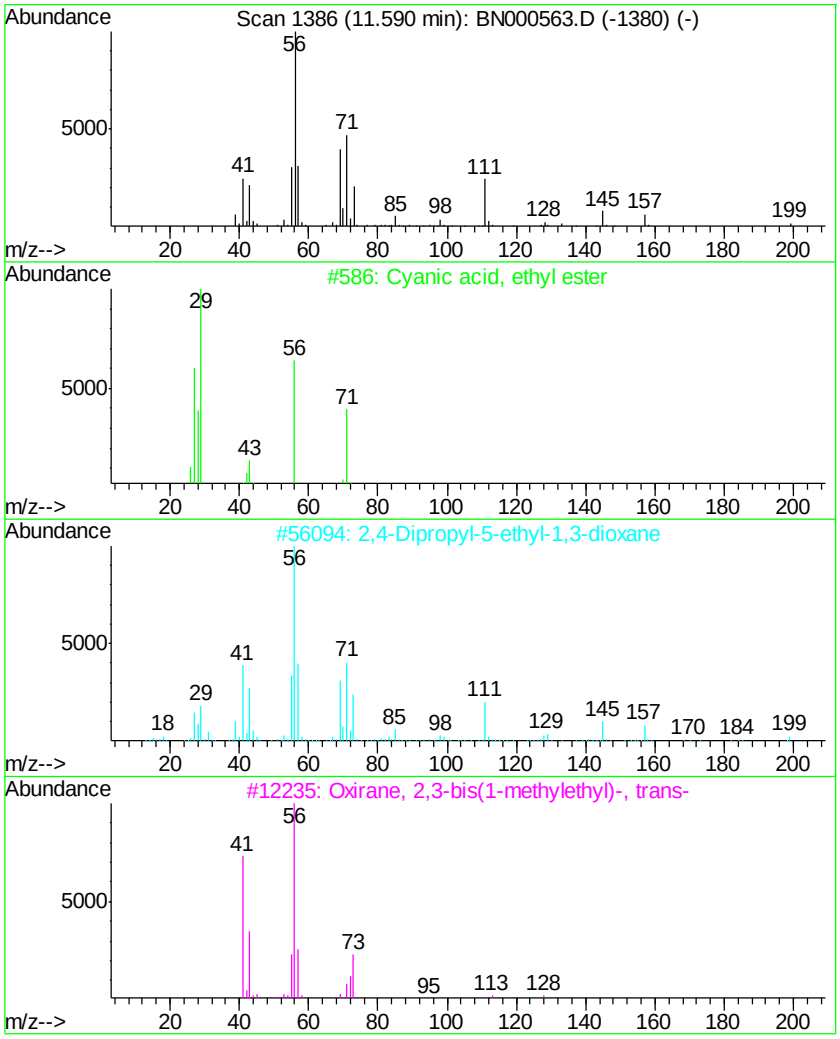
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

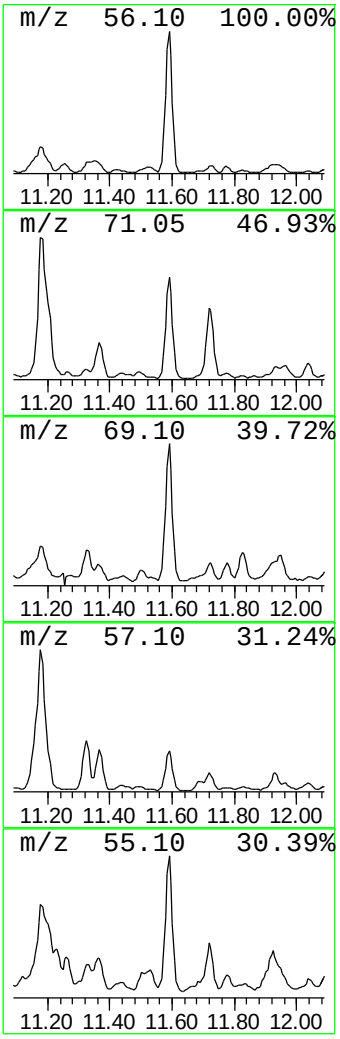
****

Peak Number 31 Cyanic acid, ethyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	7.36 ng/ul	596699	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	58
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	43
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	32
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	25
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	17





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Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

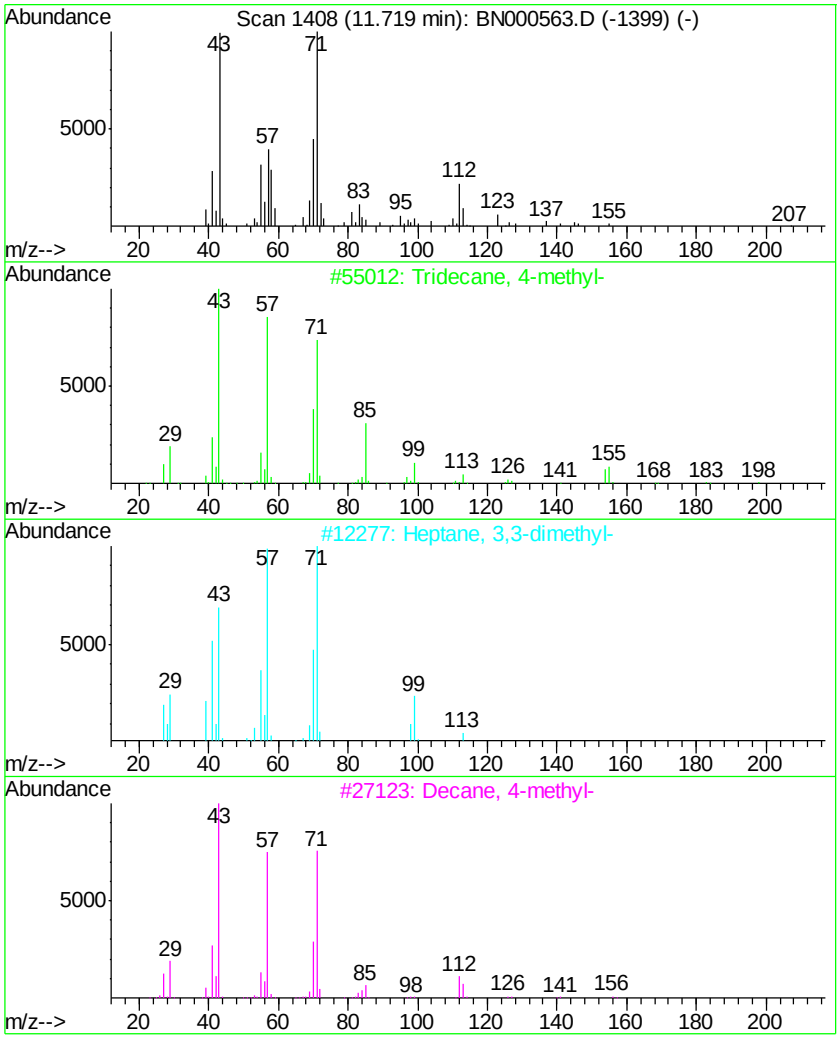
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

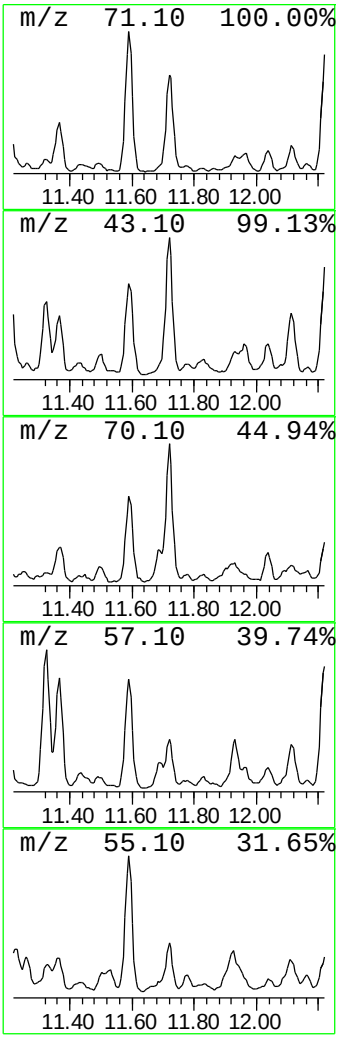
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.66 ng/ul	296553	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	50
2	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50
3	Decane, 4-methyl-	156	C11H24	002847-72-5	50
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	50





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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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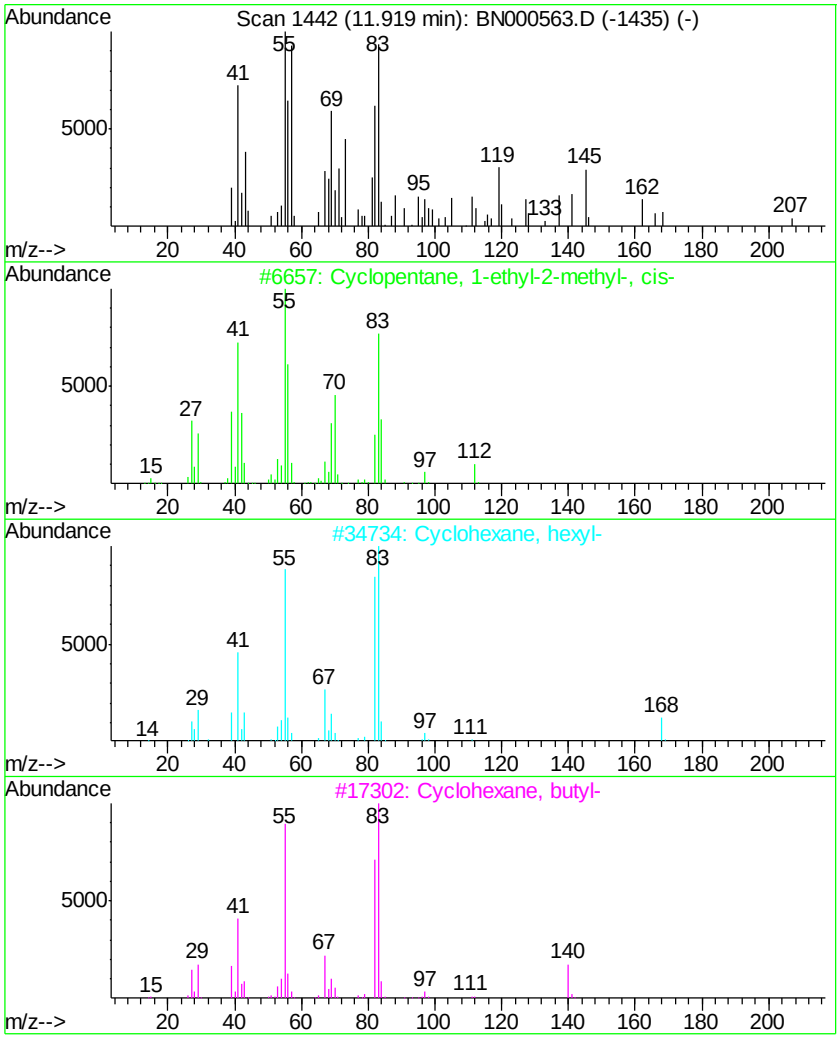
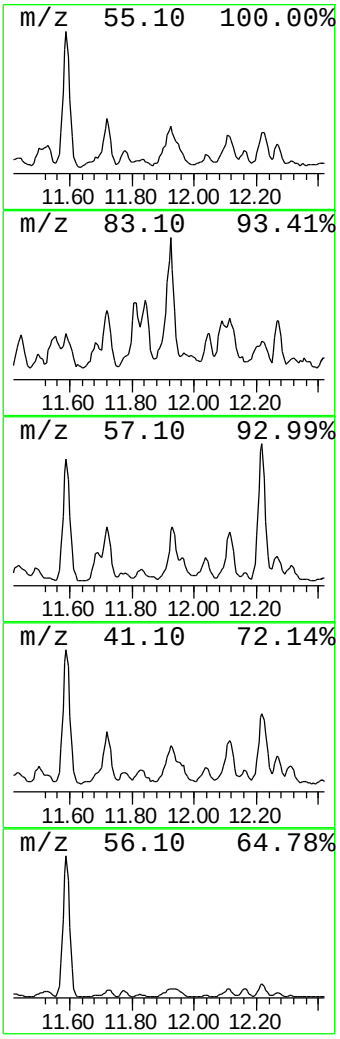
Peak Number 33 (DEL) Alkane: Cyclic11.92 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.57 ng/ul	289593	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	30
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	27
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	27





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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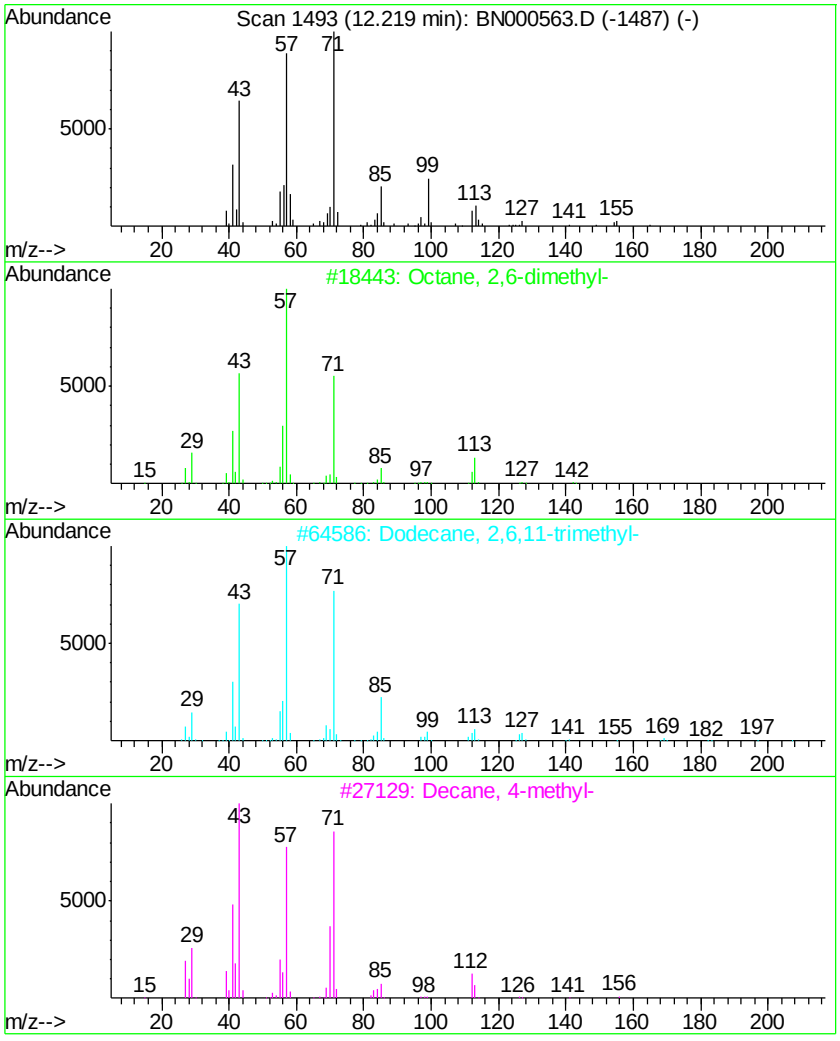
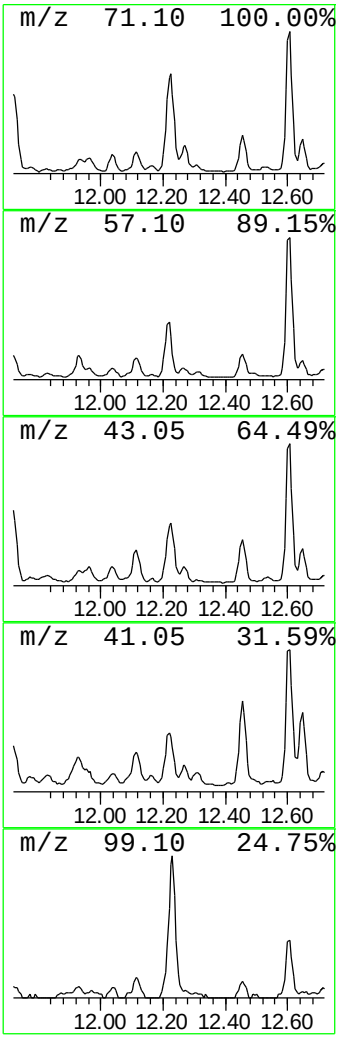
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	4.01 ng/ul	325549	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3	Decane, 4-methyl-	156	C11H24	002847-72-5	59
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
5	1-Methoxycyclohexane	114	C7H14O	000931-56-6	43





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Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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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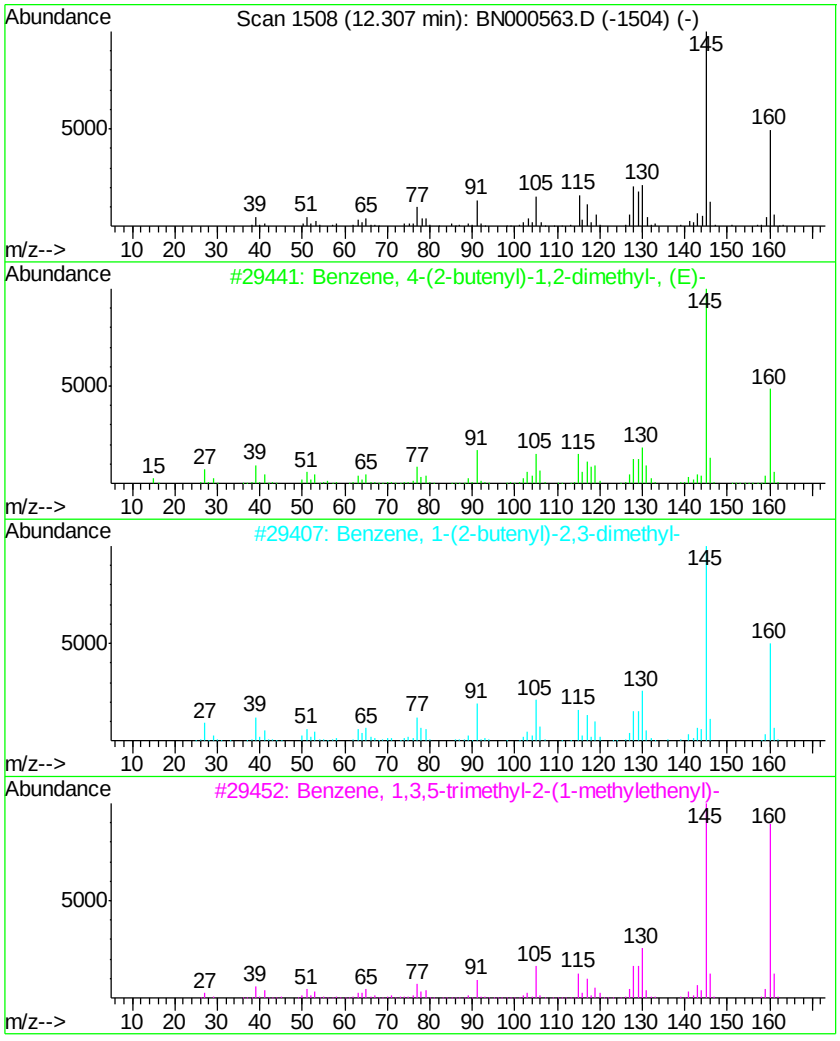
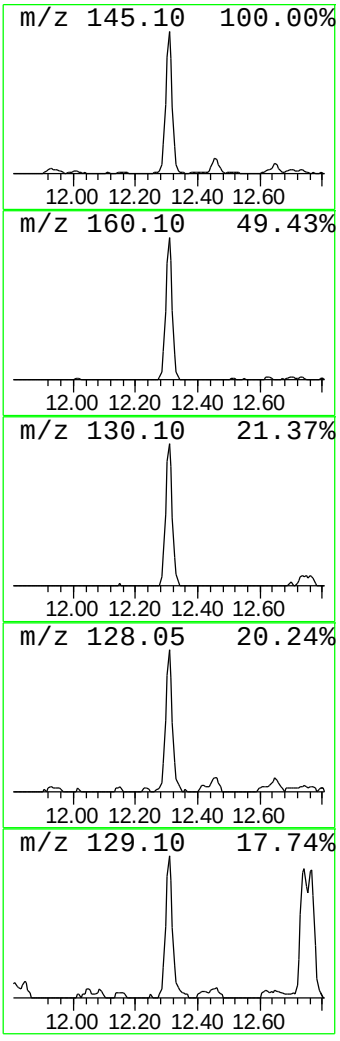
Peak Number 35 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	6.43 ng/ul	521376	Naphthalene-d8	11.25

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, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	93
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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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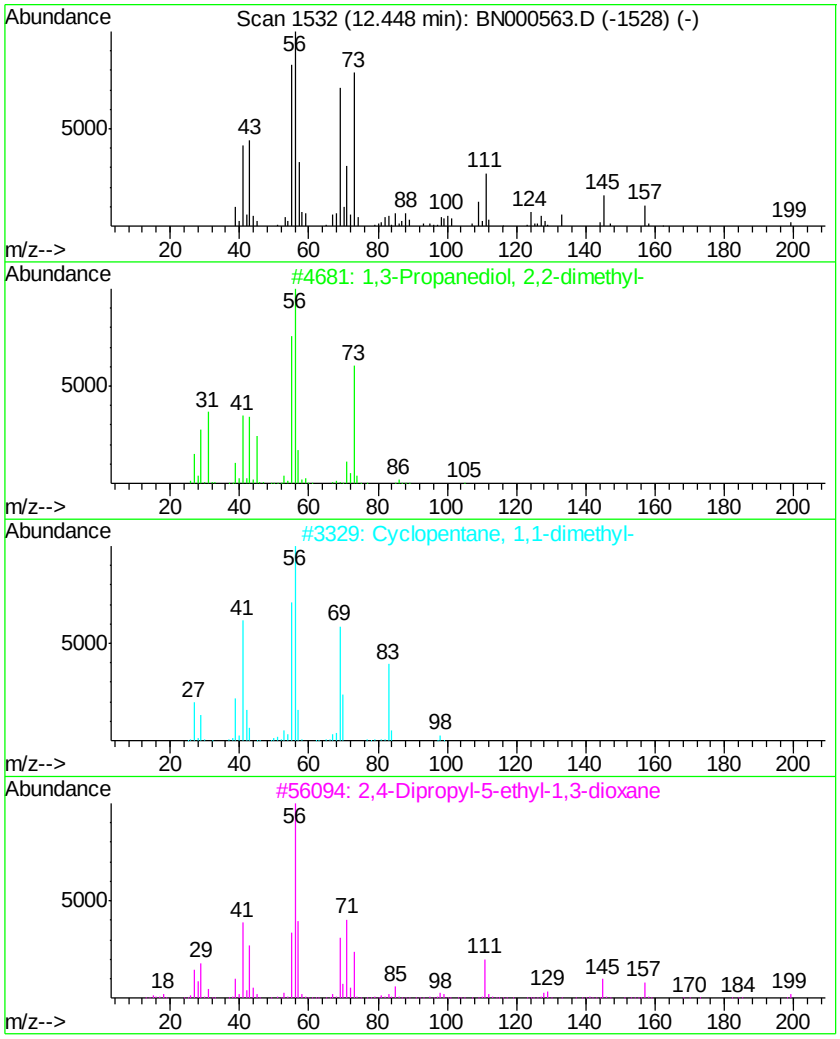
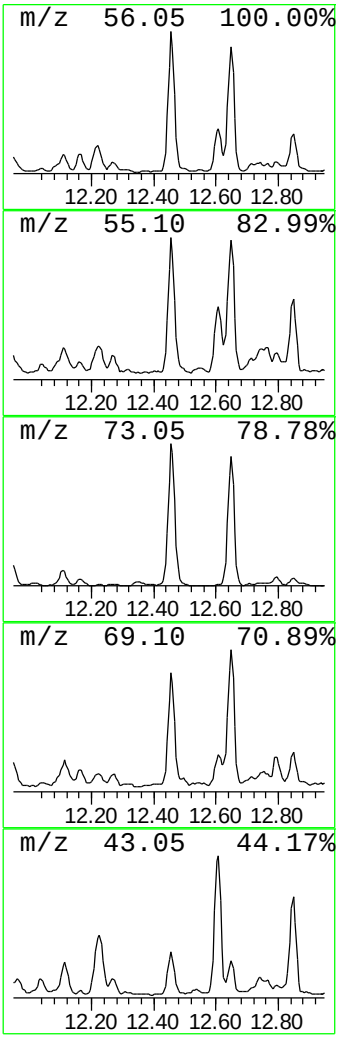
Peak Number 36 1,3-Propanediol, 2,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	5.14 ng/ul	417139	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	50
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	42
4	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	40
5	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	40





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Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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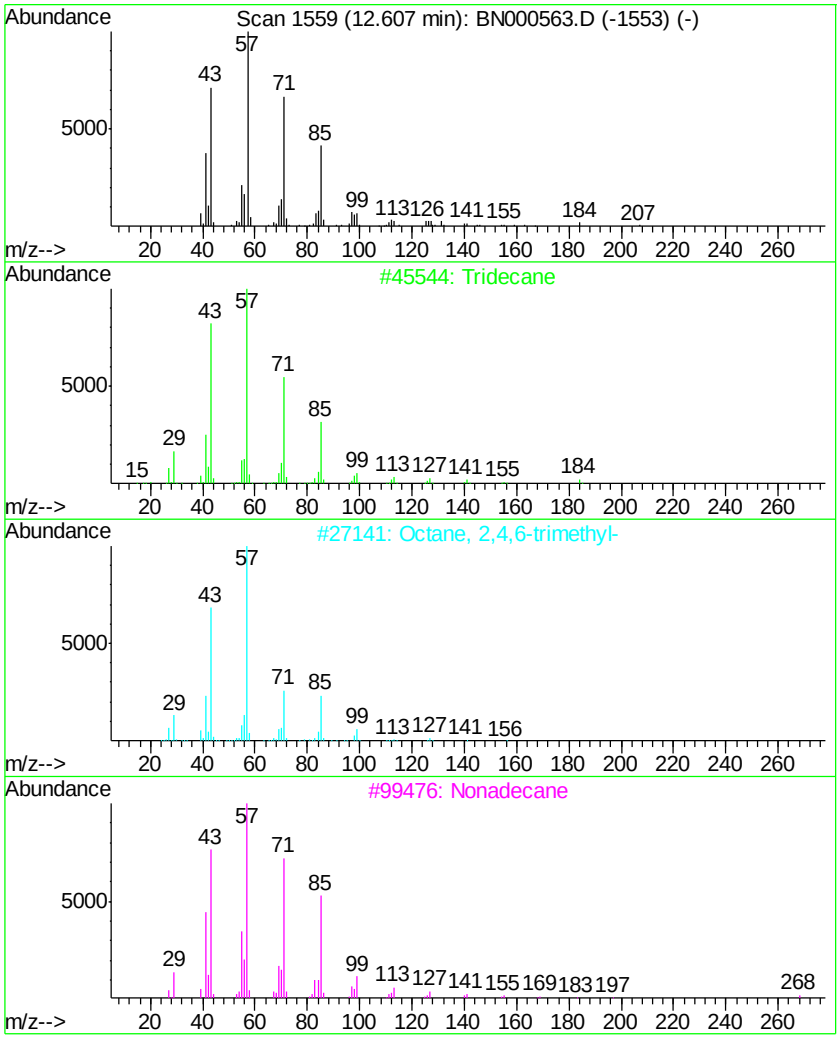
Quant Title : SVOA CALIBRATION

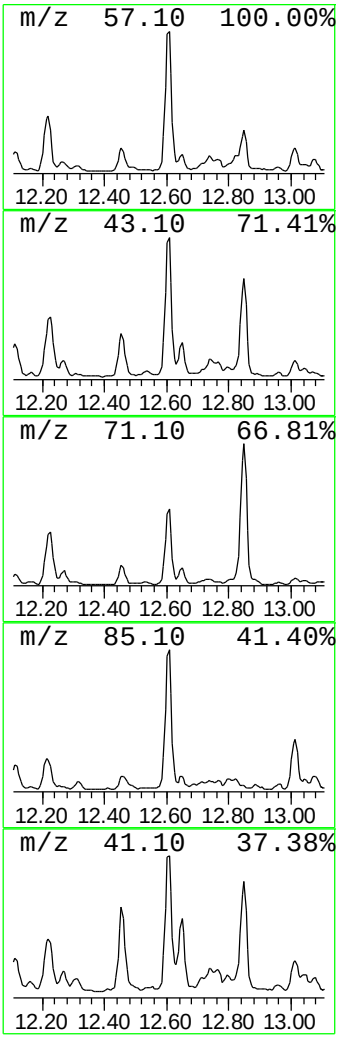
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	7.45 ng/ul	604416	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70





Library Search Compound Report

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Sample : J1905-03DL2 200X
Misc :
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ClientSampleId : DAM40DL2

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Quant Title : SVOA CALIBRATION

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

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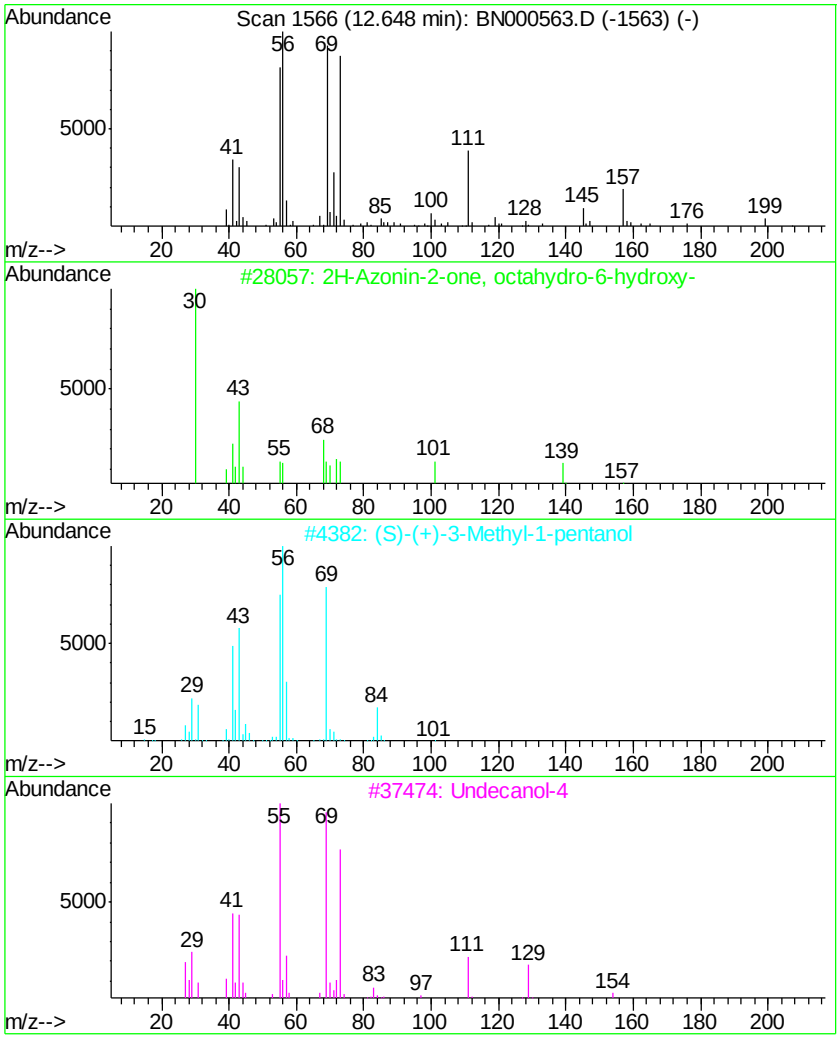
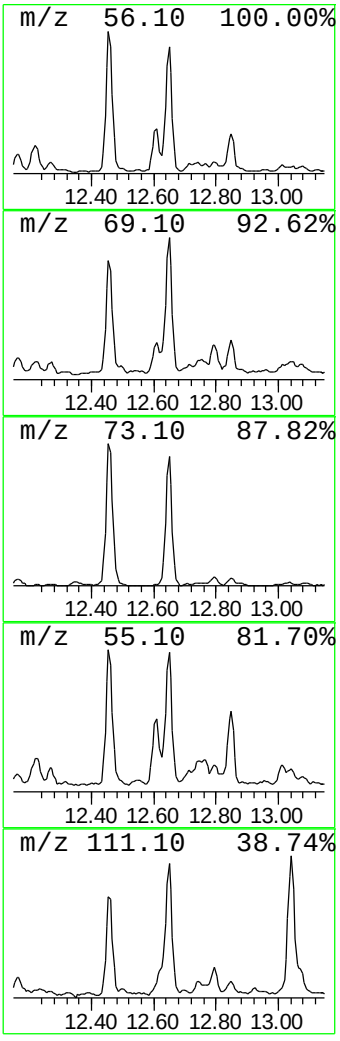
Peak Number 38 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	4.21 ng/ul	341589	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Azonin-2-one, octahydro-6-hyd...	157	C8H15NO2	023435-07-6	42
2	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	28
3	Undecanol-4	172	C11H24O	004272-06-4	25
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	17
5	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	16





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Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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Quant Title : SVOA CALIBRATION

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

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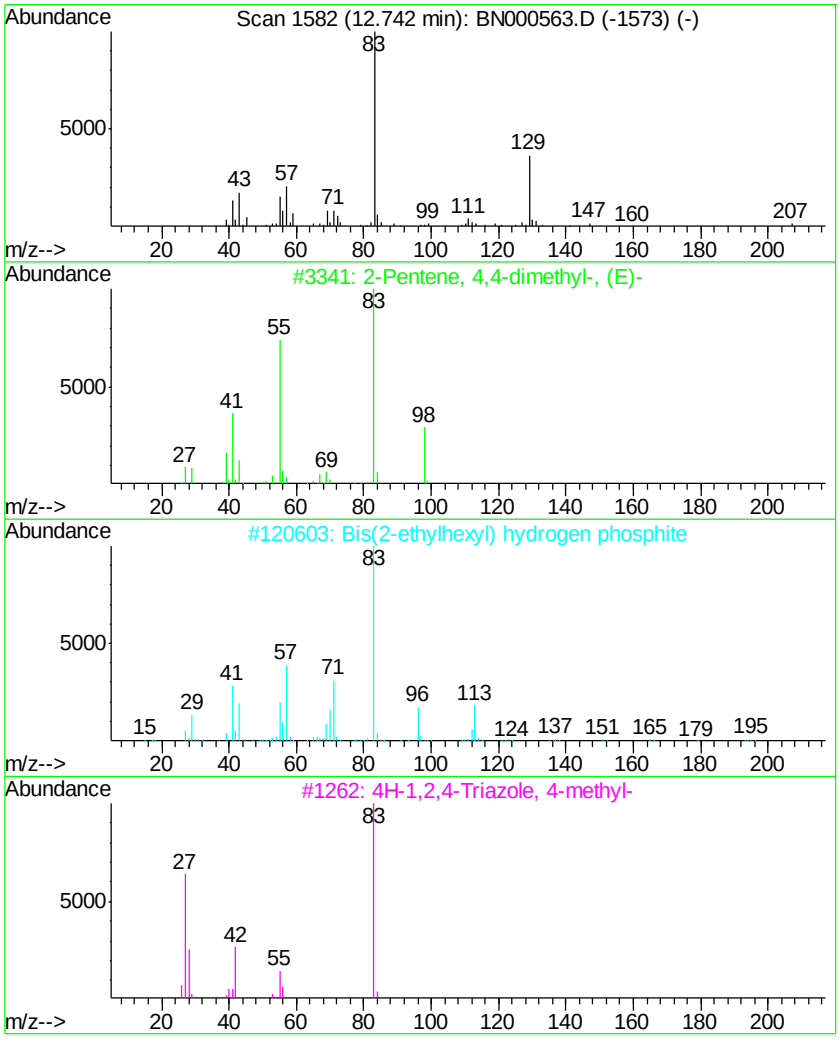
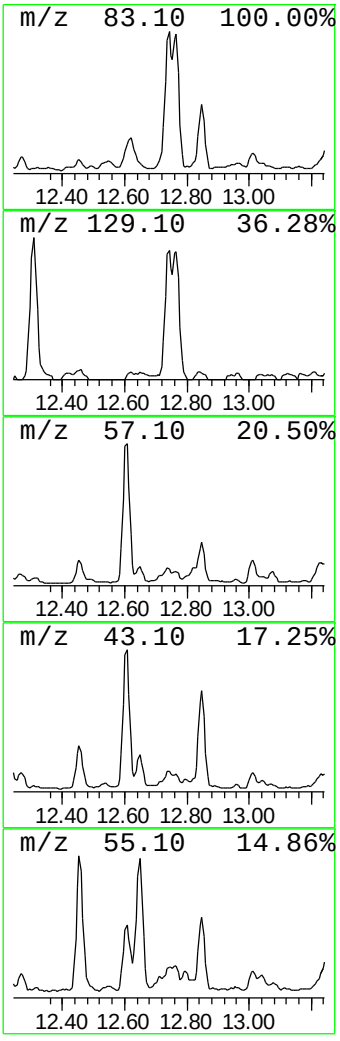
Peak Number 39 (DEL) Alkane: Cyclic12.74 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	2.41 ng/ul	195827	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	40
2	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	40
3	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	40
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	36
5	2-Hepten-4-one, 2-methyl-	126	C8H14O	022319-24-0	36





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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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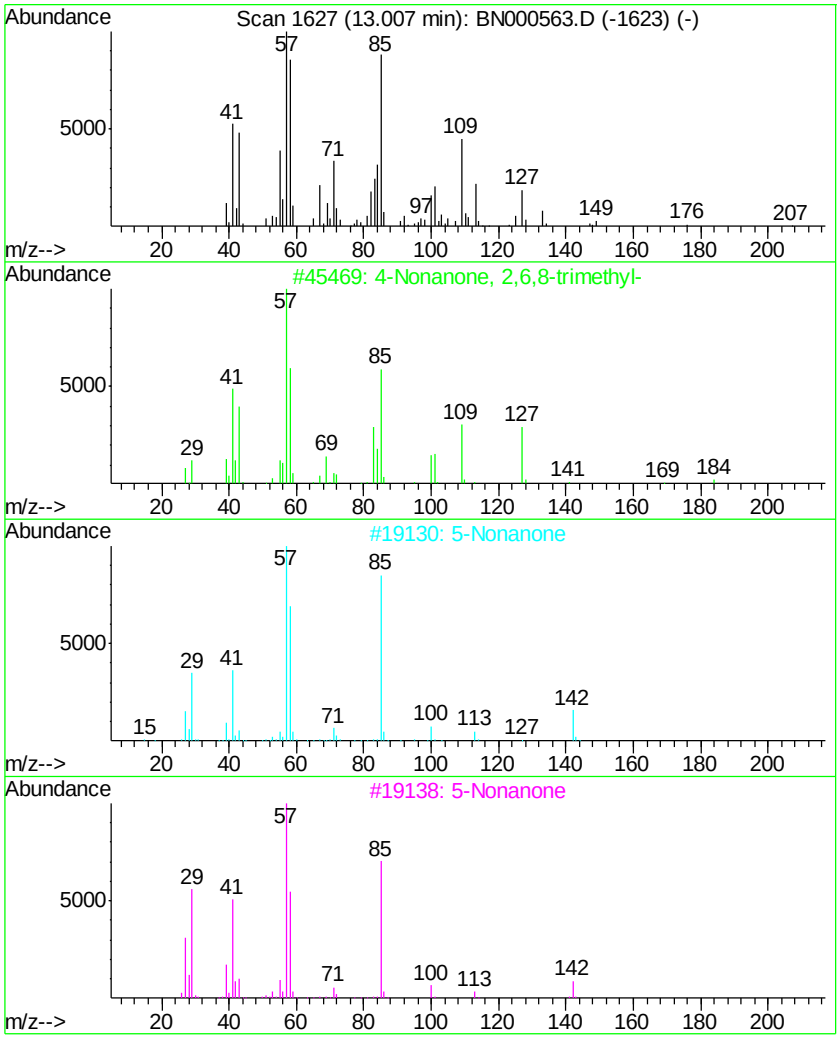
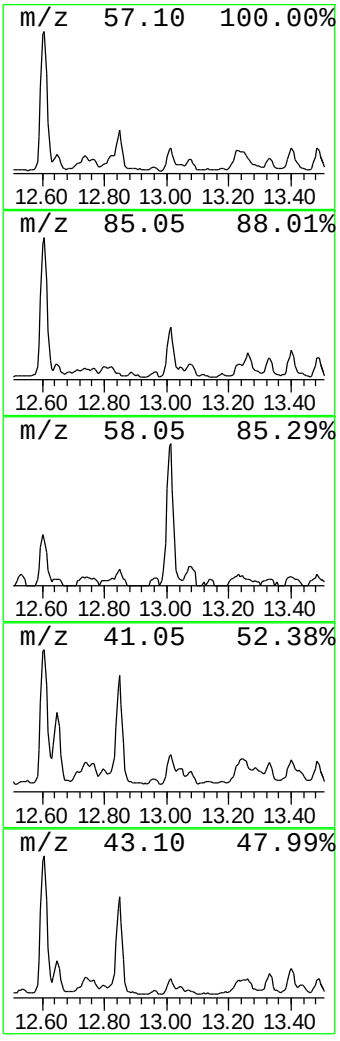
Peak Number 40 4-Nonanone, 2,6,8-trimethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.23 ng/ul	180607	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	64
2	5-Nonanone	142	C9H18O	000502-56-7	47
3	5-Nonanone	142	C9H18O	000502-56-7	43
4	N-Ethyl trimethylenediamine	102	C5H14N2	038571-87-8	43
5	5-Nonanone	142	C9H18O	000502-56-7	43





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Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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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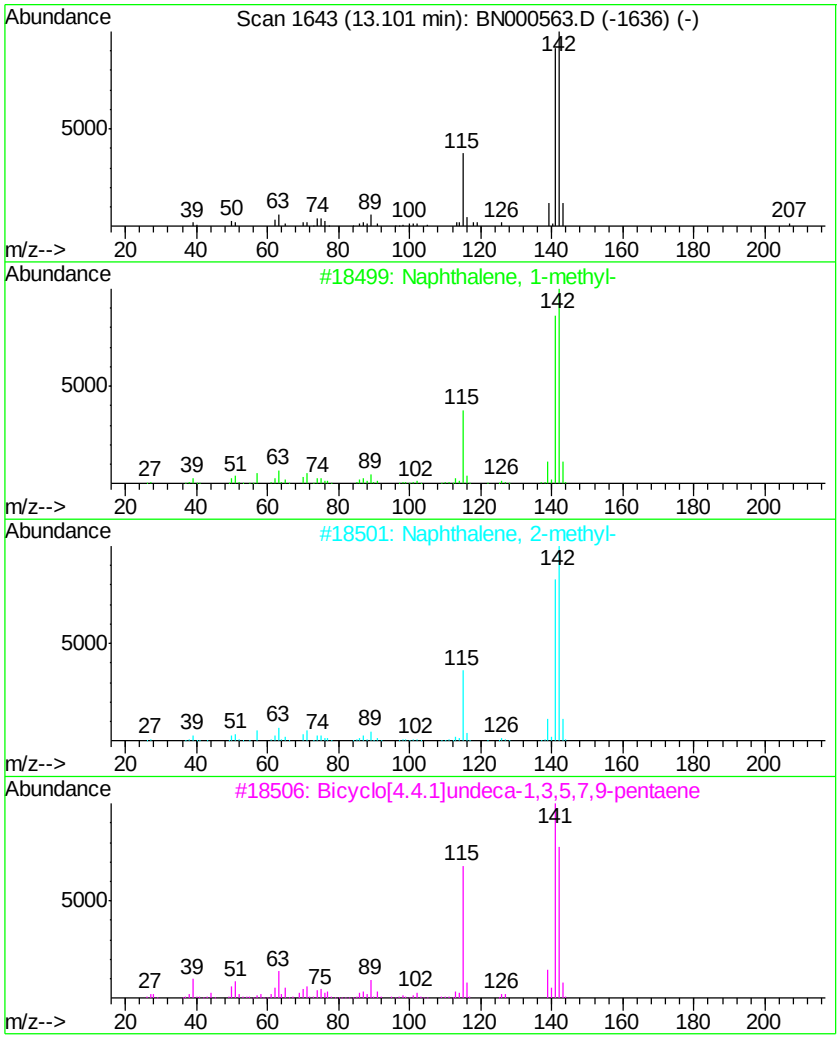
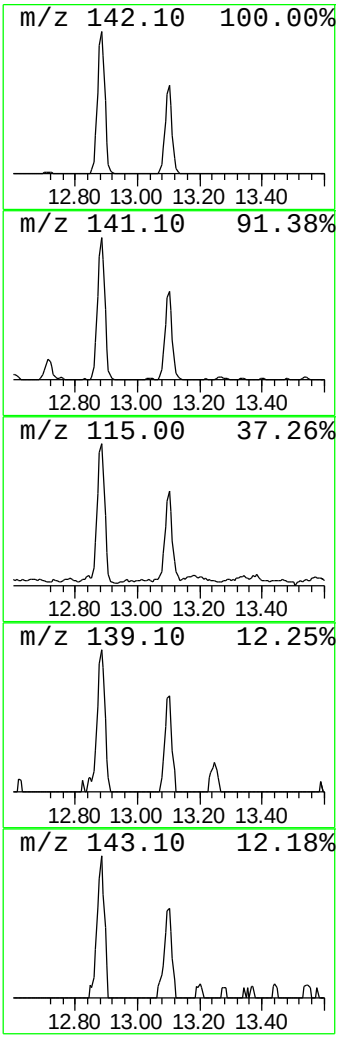
Peak Number 41 Naphthalene, 1-methyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.12 ng/ul	172187	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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Quant Title : SVOA CALIBRATION

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

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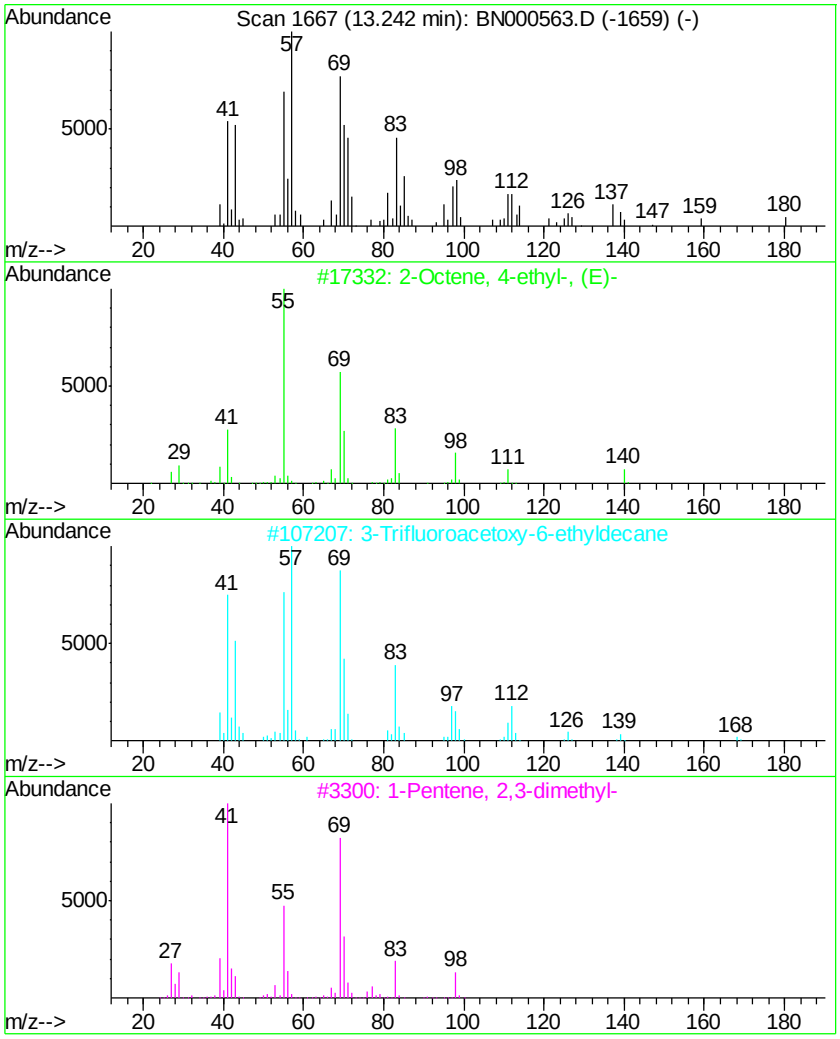
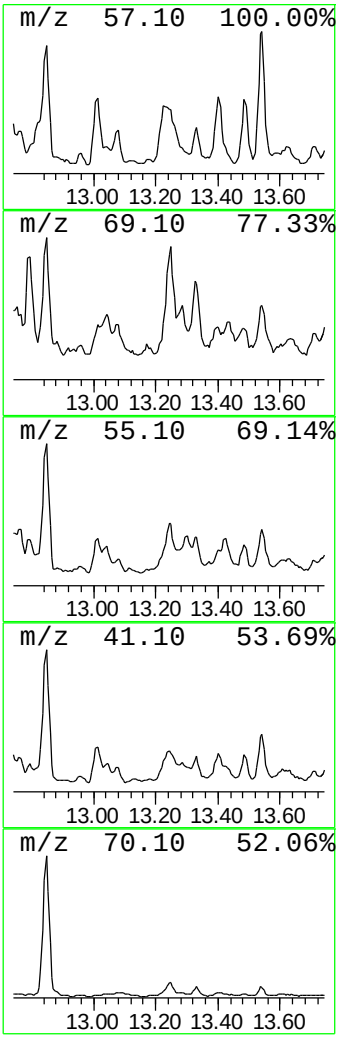
Peak Number 42 (DEL) Alkane: Cyclic13.24 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.18 ng/ul	245385	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	46
2	3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	43
3	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43
4	Heptane, 4-methylene-	112	C8H16	015918-08-8	30
5	3-Methyl-3-hexene	98	C7H14	003404-65-7	30





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Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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Quant Title : SVOA CALIBRATION

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

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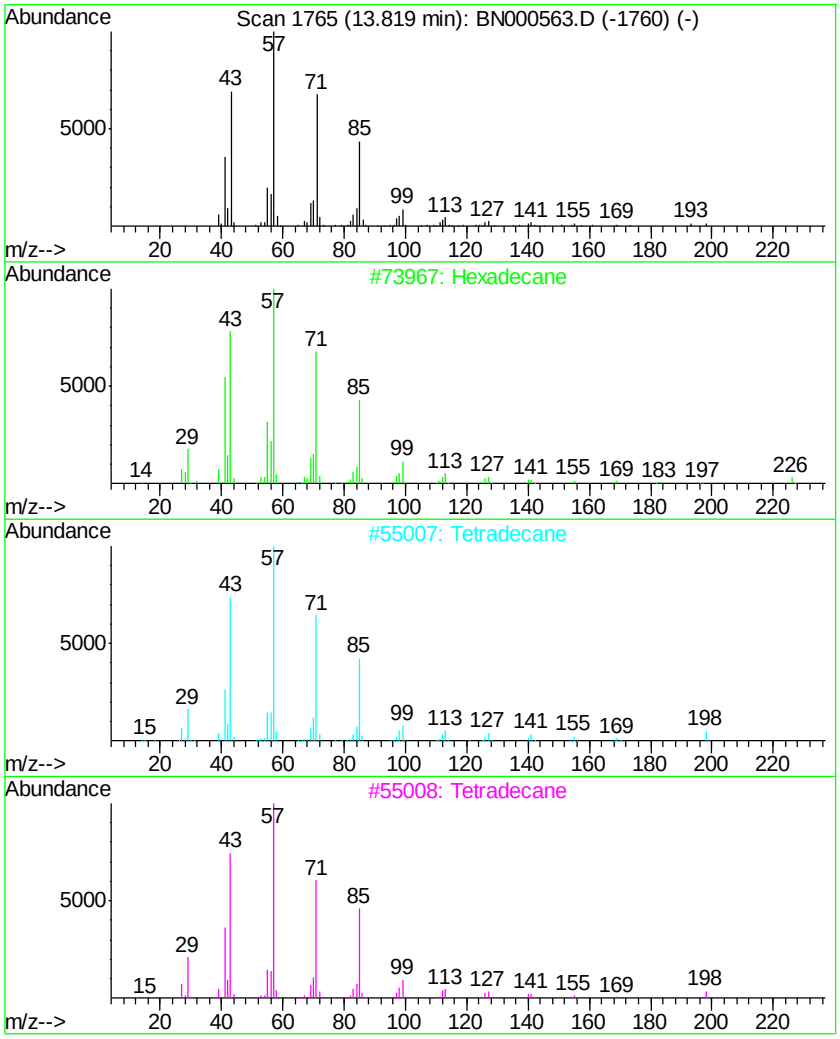
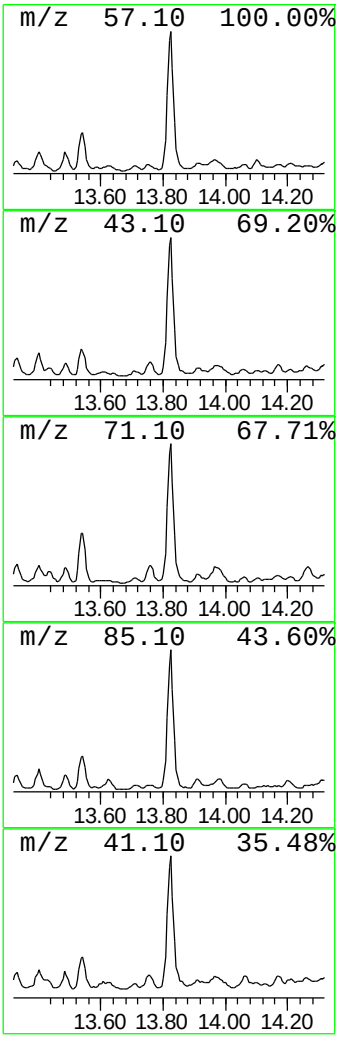
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.32 ng/ul	711119	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83





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Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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Quant Title : SVOA CALIBRATION

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

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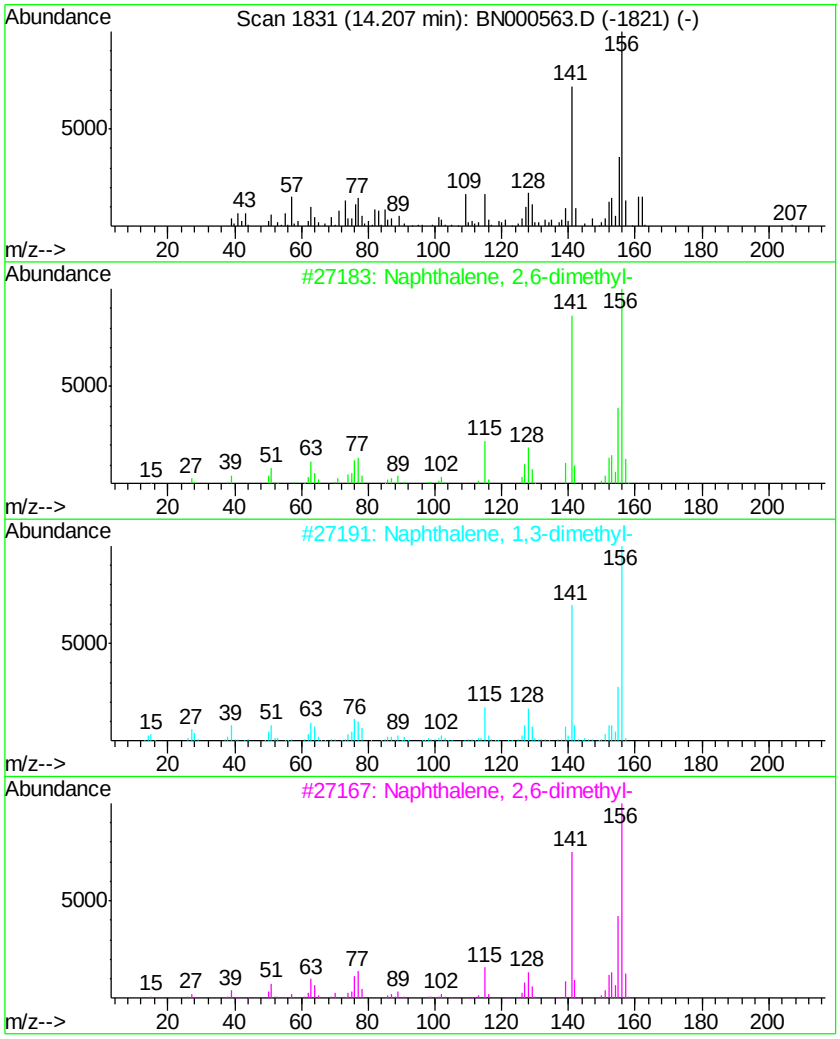
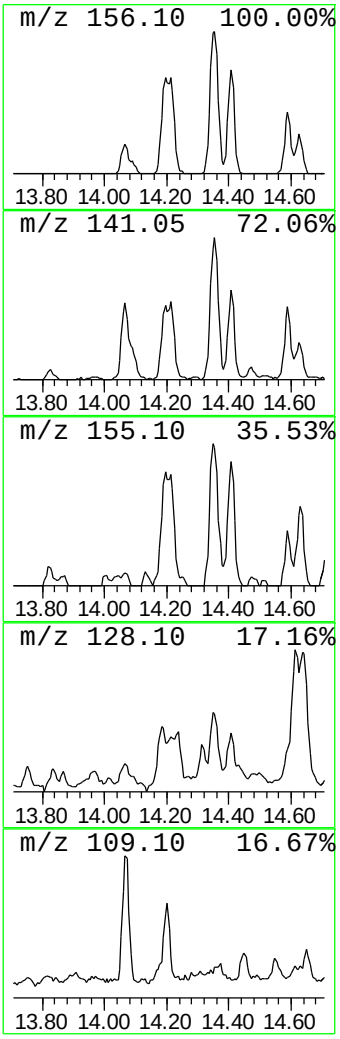
Peak Number 44 Naphthalene, 2,6-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.56 ng/ul	400764	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

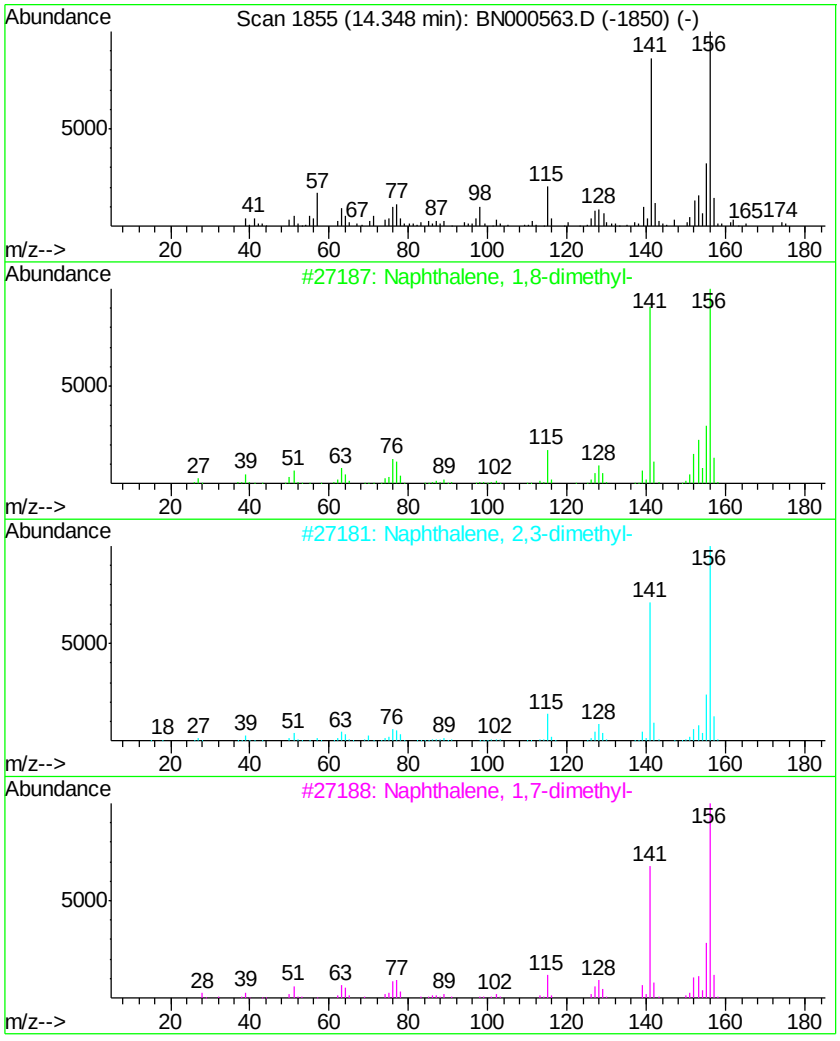
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

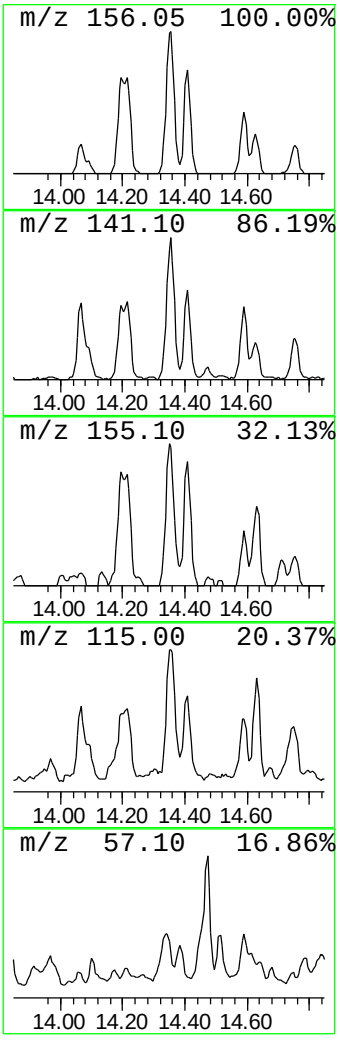
****

Peak Number 45 Naphthalene, 1,8-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.00 ng/ul	450259	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

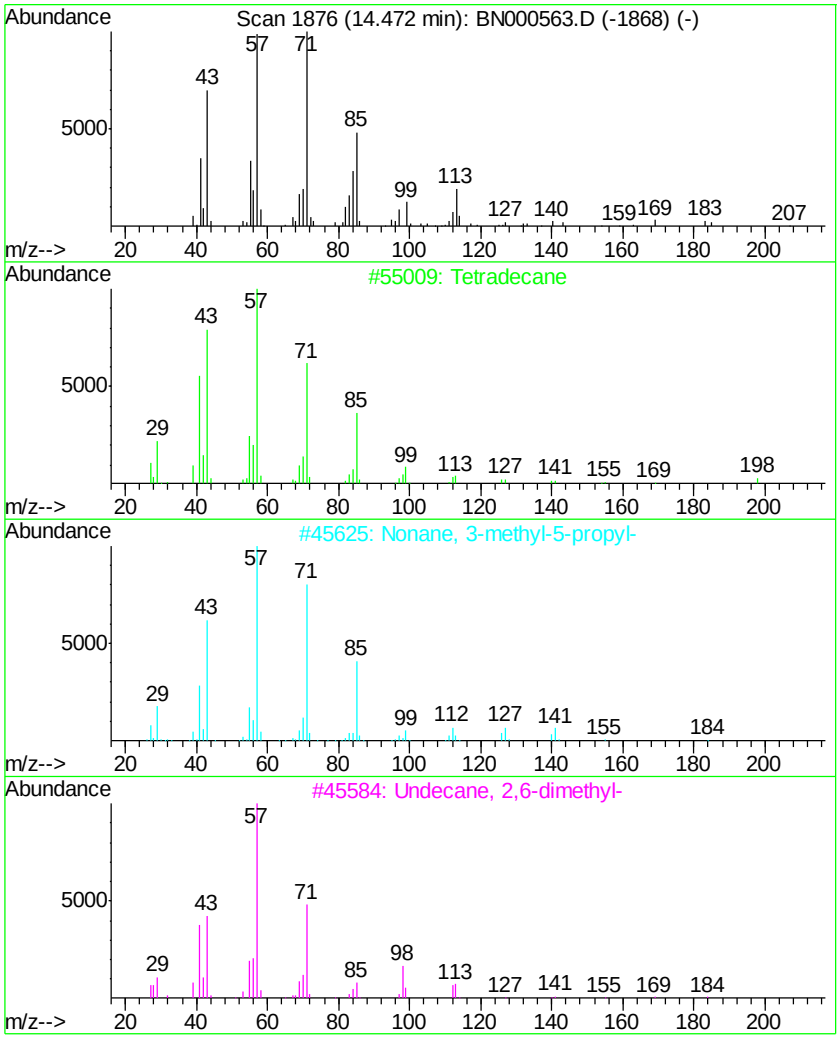
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

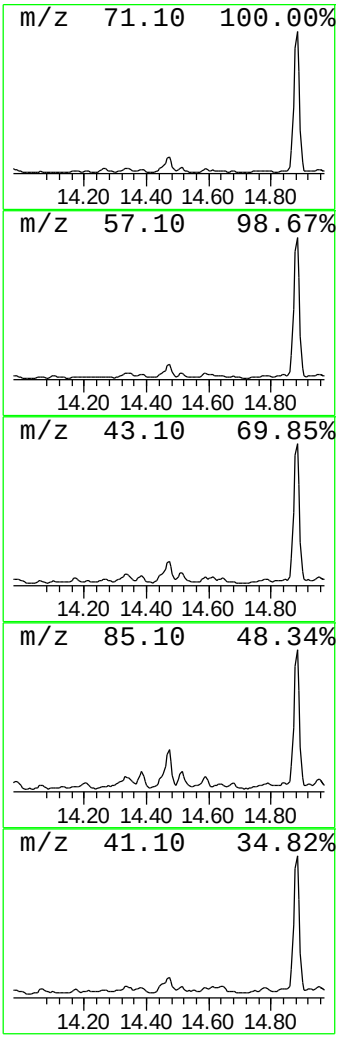
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.87 ng/ul	322713	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	72
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50





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Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

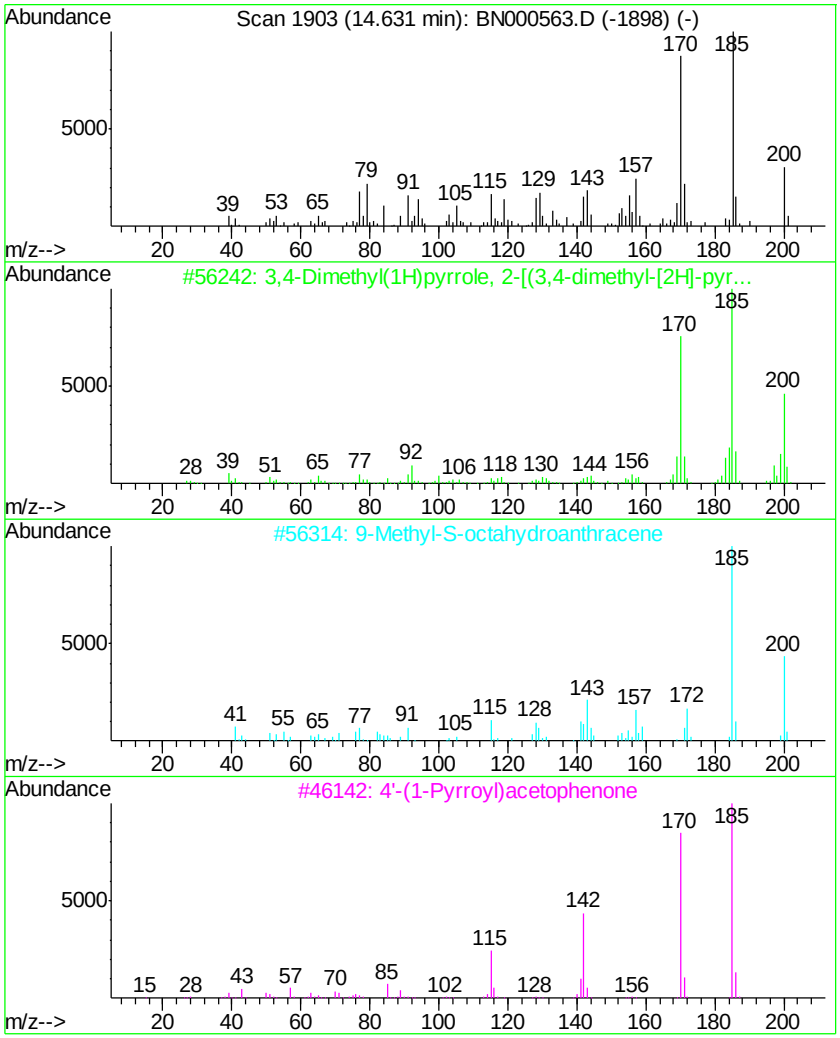
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

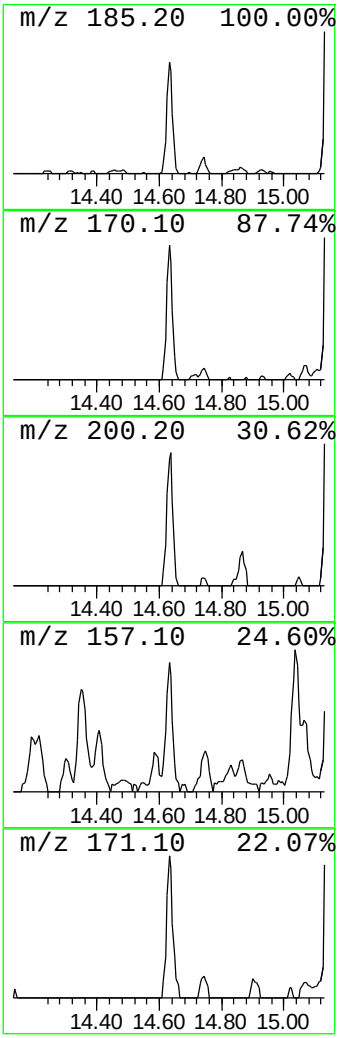
****

Peak Number 47 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.74 ng/ul	421468	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	74
2	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	50
3	4'-(1-Pyrroyl)acetophenone	185	C12H11NO	022106-37-2	50
4	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	46
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

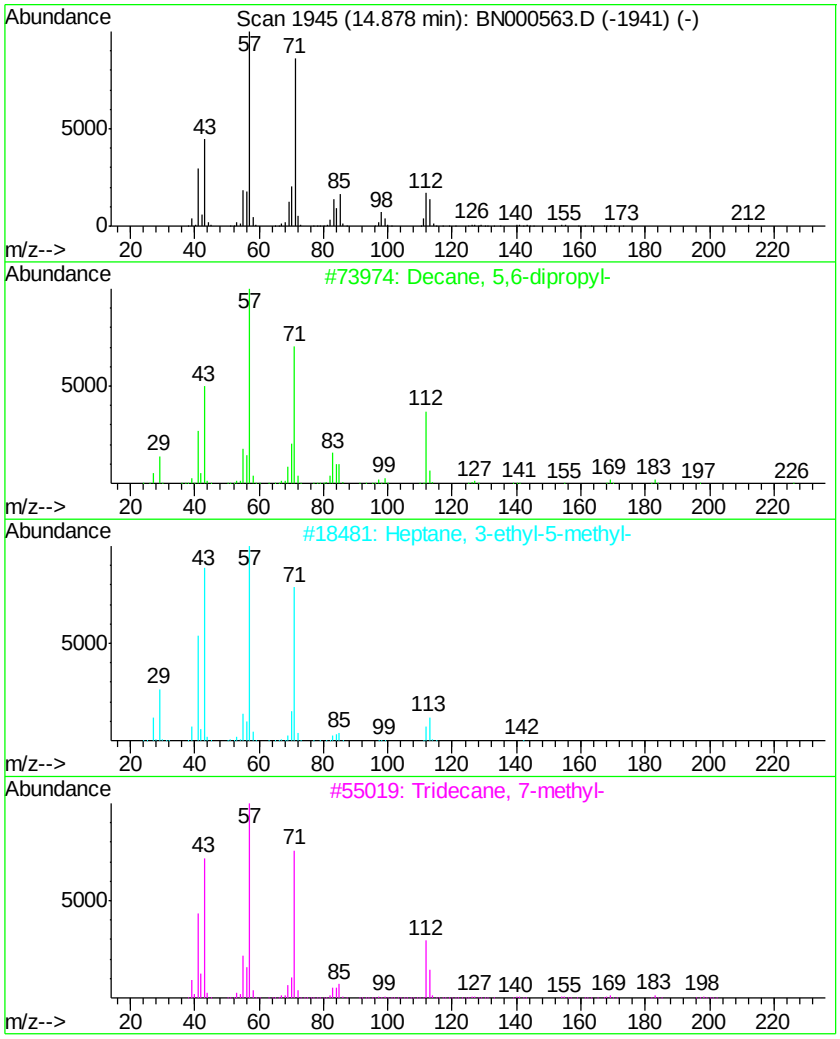
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

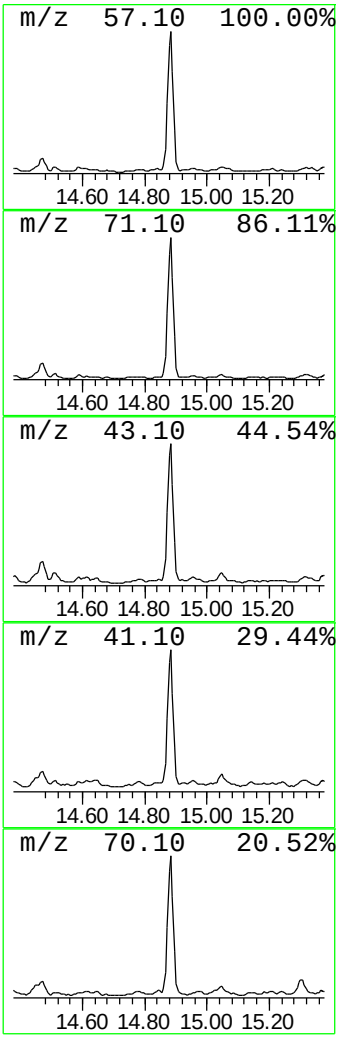
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	15.61 ng/ul	1757570	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
2	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

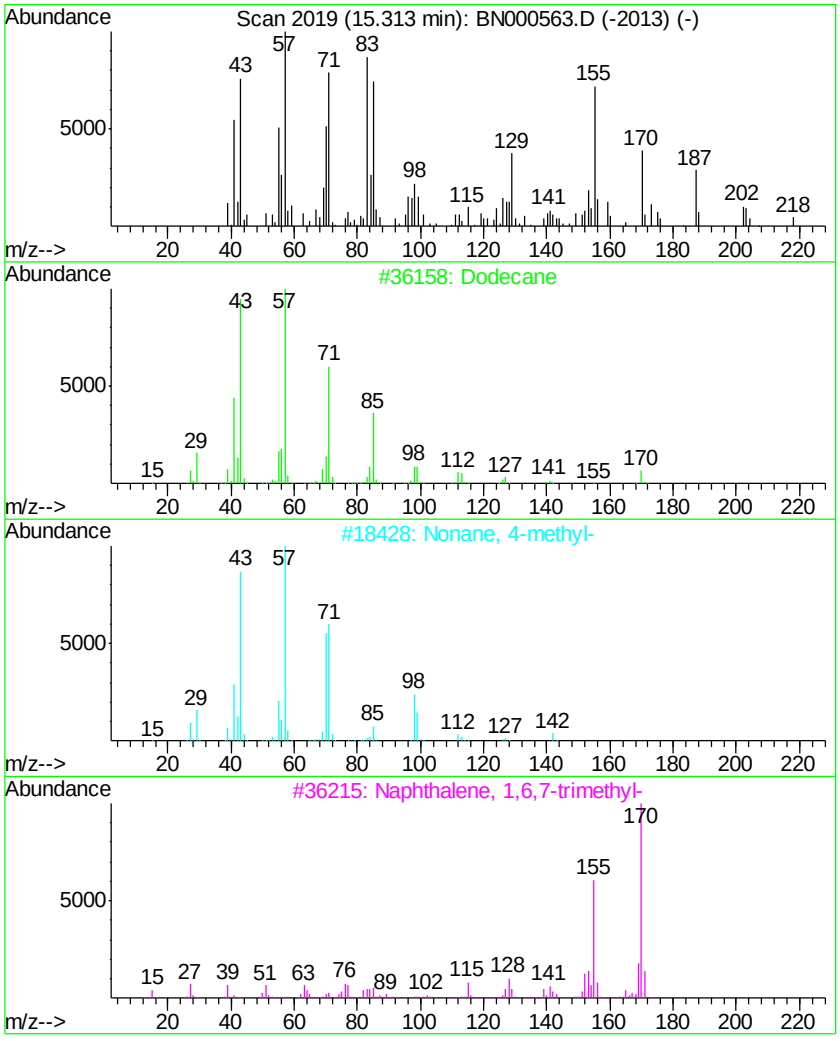
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

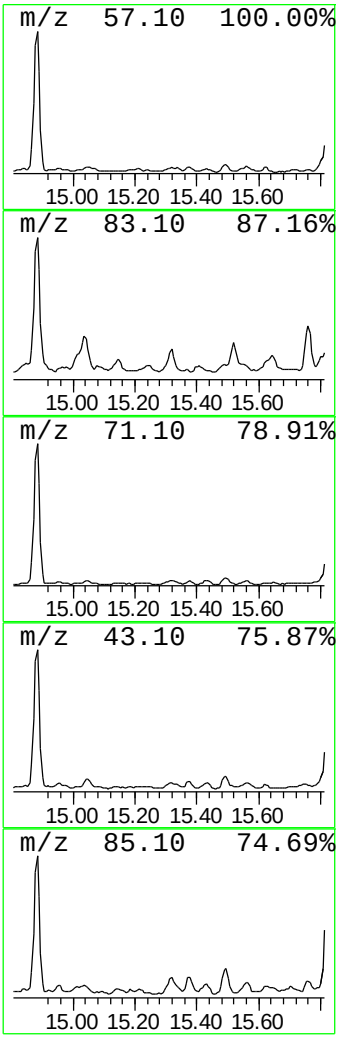
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.08 ng/ul	233954	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	46
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	35
4	5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	35
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

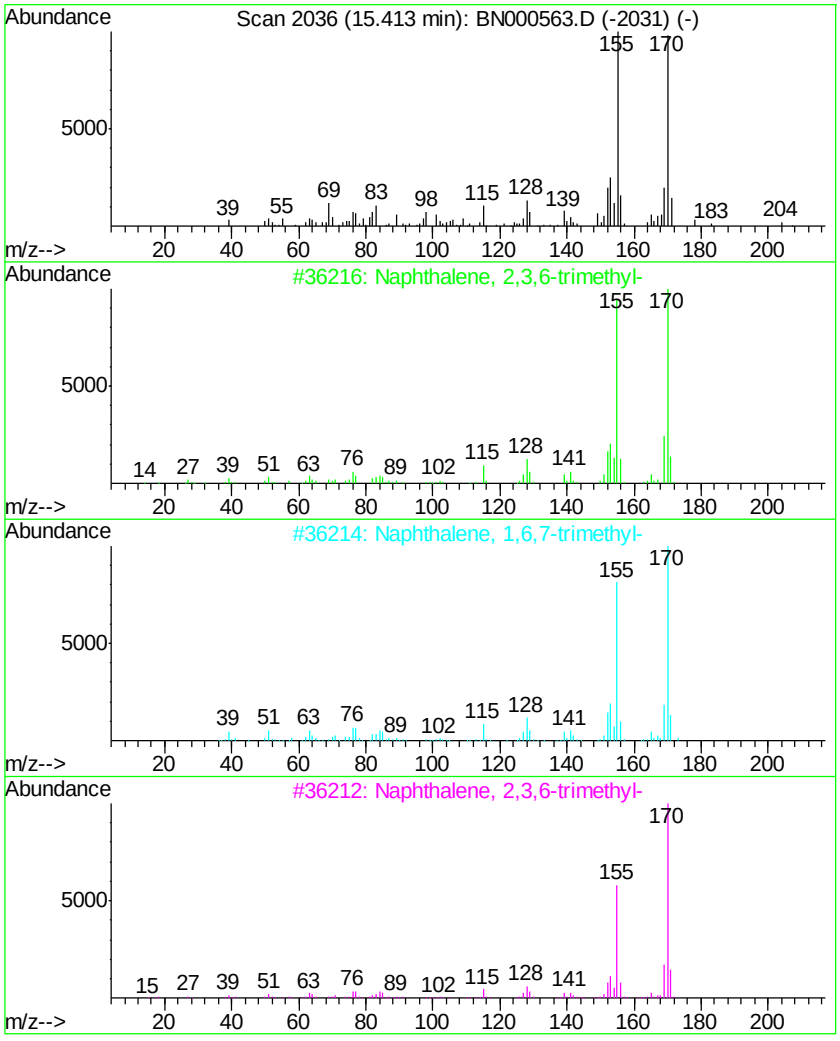
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

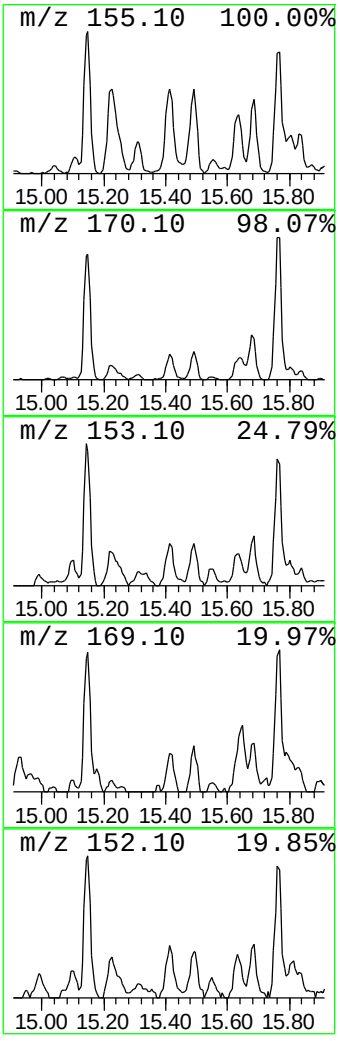
****

Peak Number 51 Naphthalene, 2,3,6-trimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.66 ng/ul	299246	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

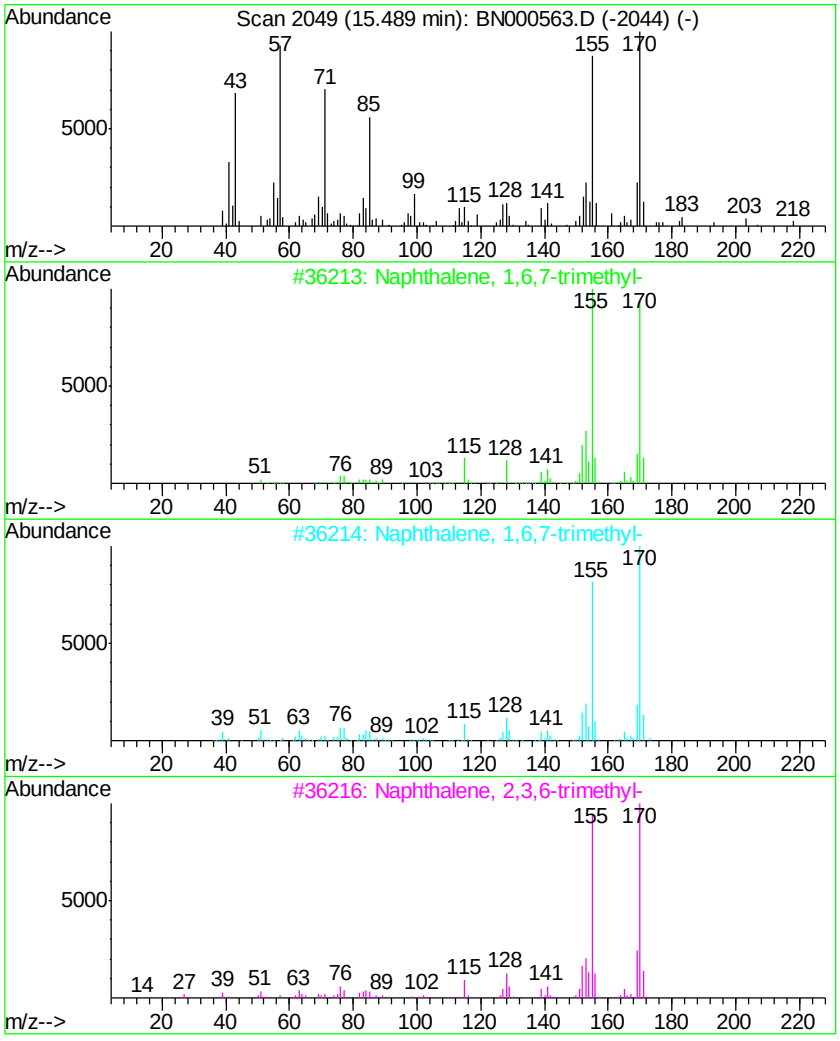
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

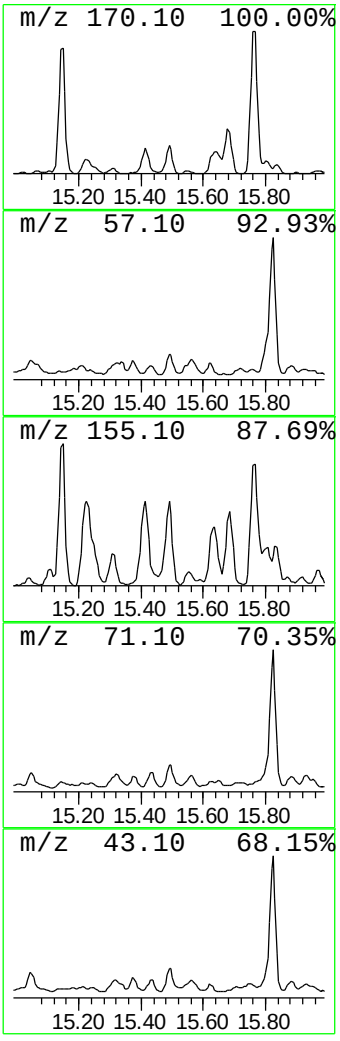
****

Peak Number 52 Naphthalene, 1,6,7-trimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.20 ng/ul	248282	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





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Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

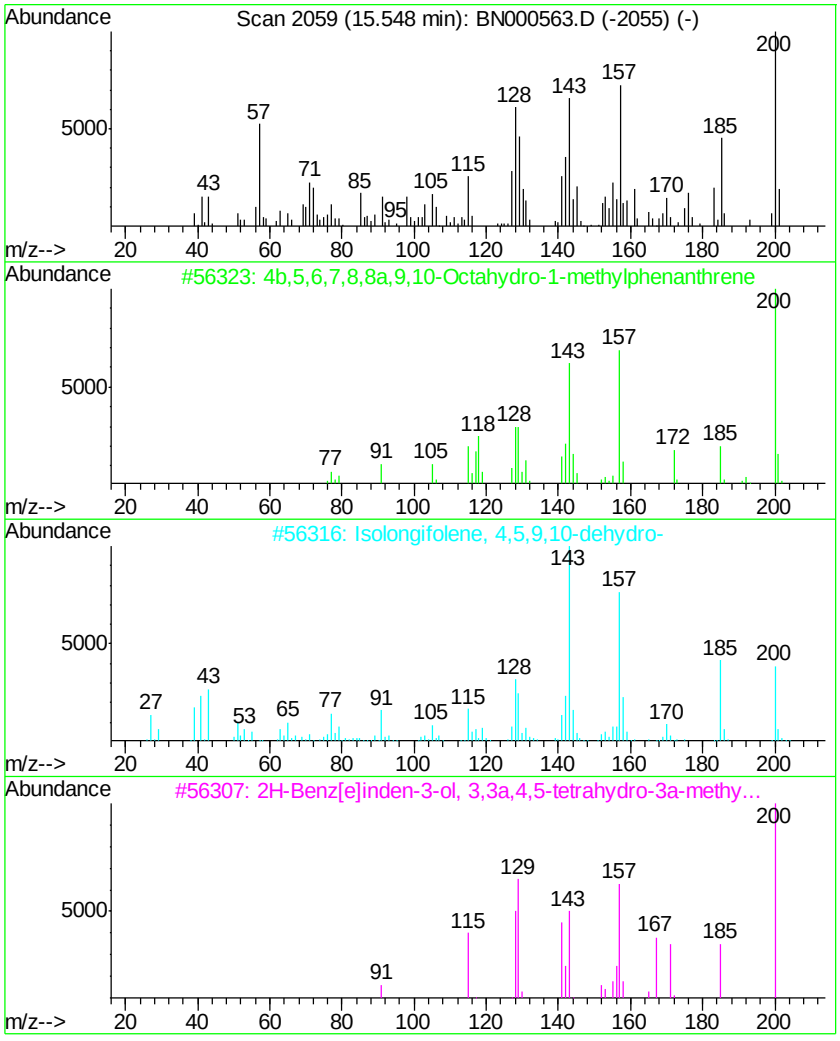
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

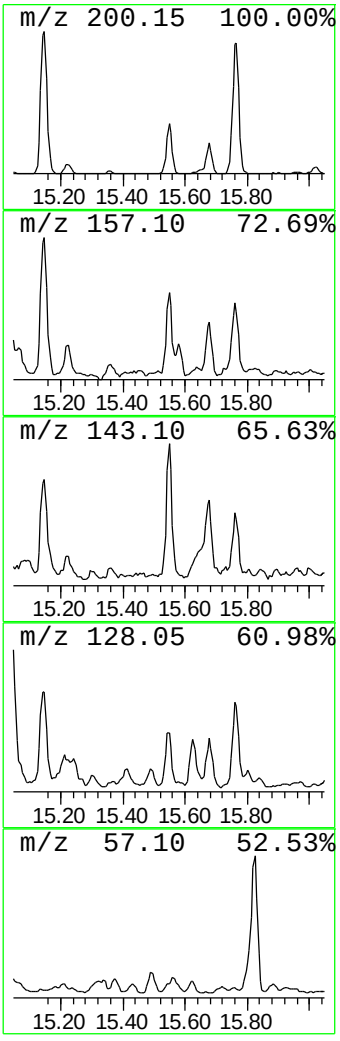
****

Peak Number 53 4b,5,6,7,8,8a,9,10-Octahydr... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.91 ng/ul	328060	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,5,6,7,8,8a,9,10-Octahydro-1-m...	200	C15H20	1000080-19-3	64
2	Isolongifolene, 4,5,9,10-dehydro-	200	C15H20	156747-45-4	58
3	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	52
4	1H-Indene-1,3(2H)-dione, 2-(2-me...	200	C13H12O2	022123-54-2	47
5	3,1-Benzoxazepine-2-carbonitrile...	200	C11H8N2O2	019062-88-5	41





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Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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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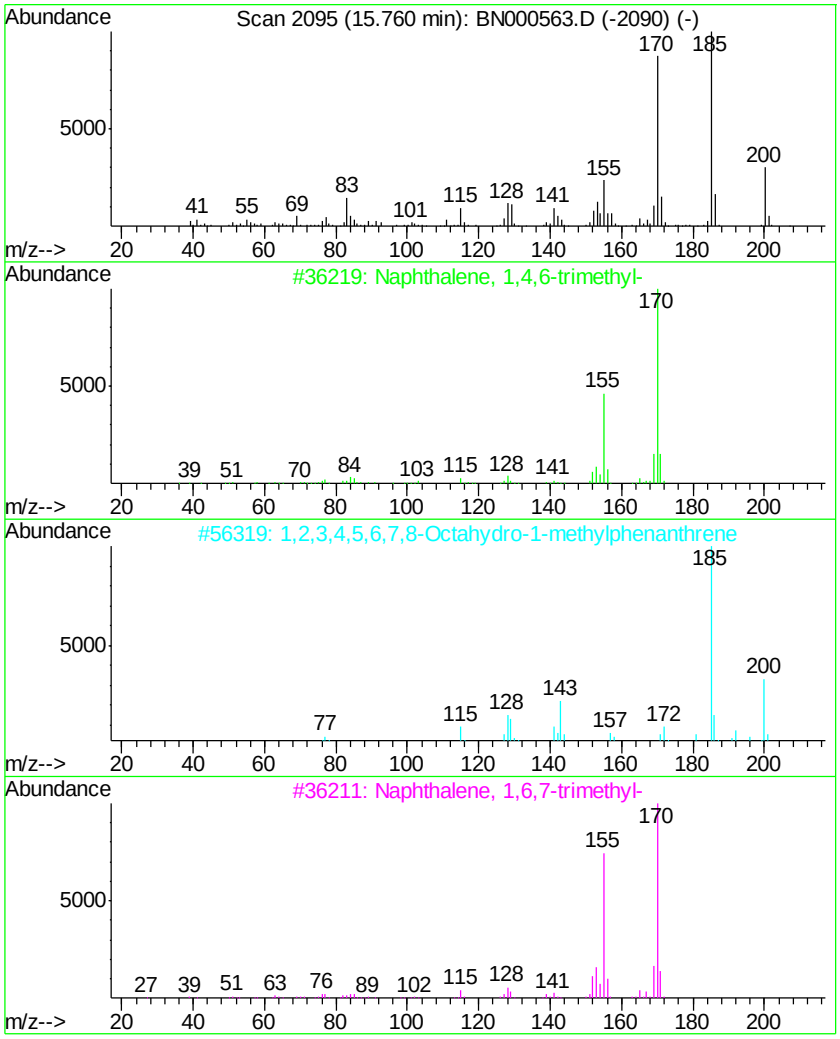
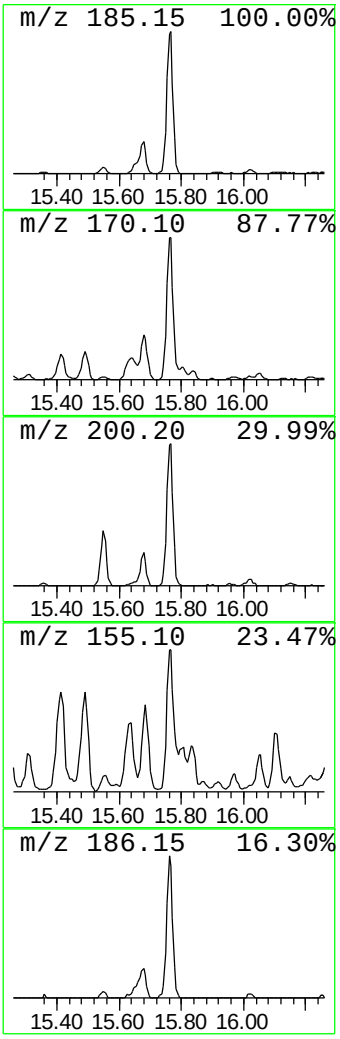
Peak Number 54 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	6.69 ng/ul	753415	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
2	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	50
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	46
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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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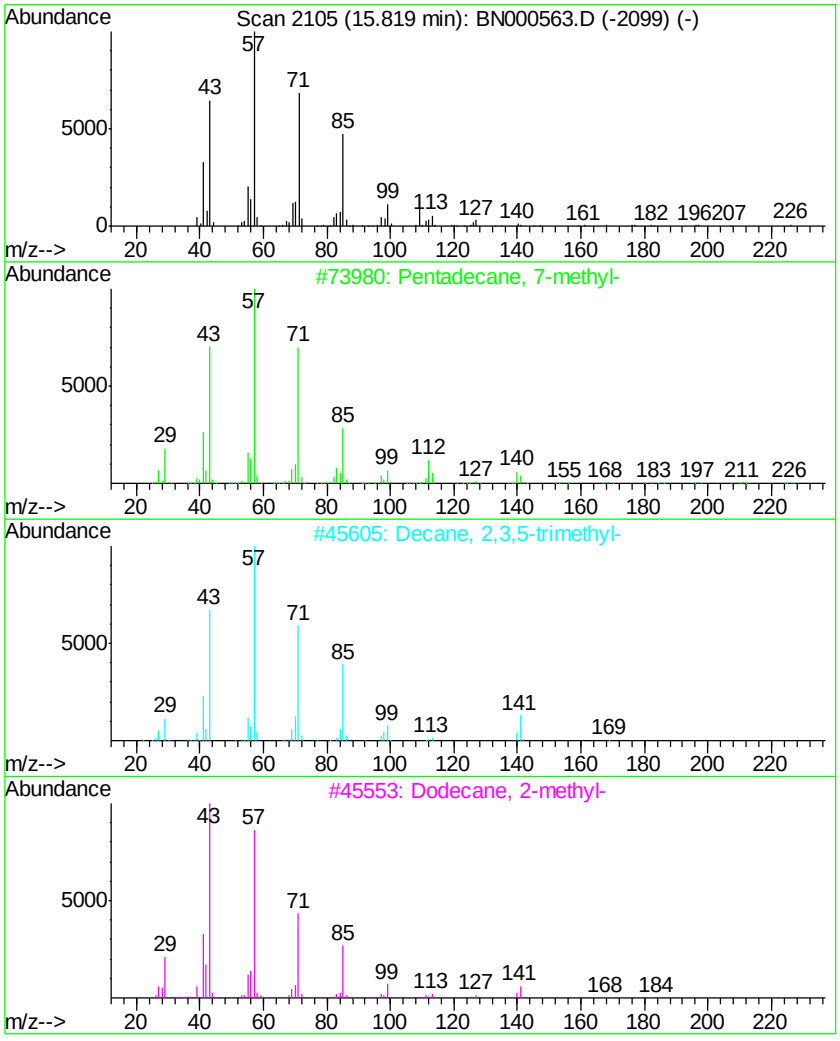
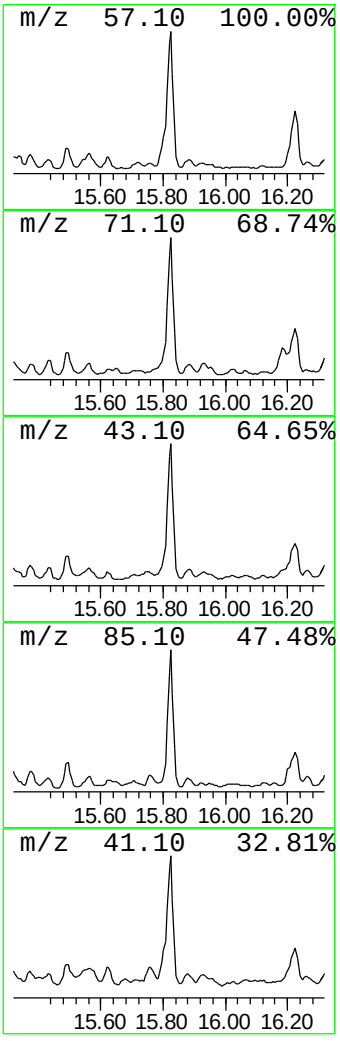
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	8.16 ng/ul	918483	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4	Eicosane	282	C20H42	000112-95-8	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

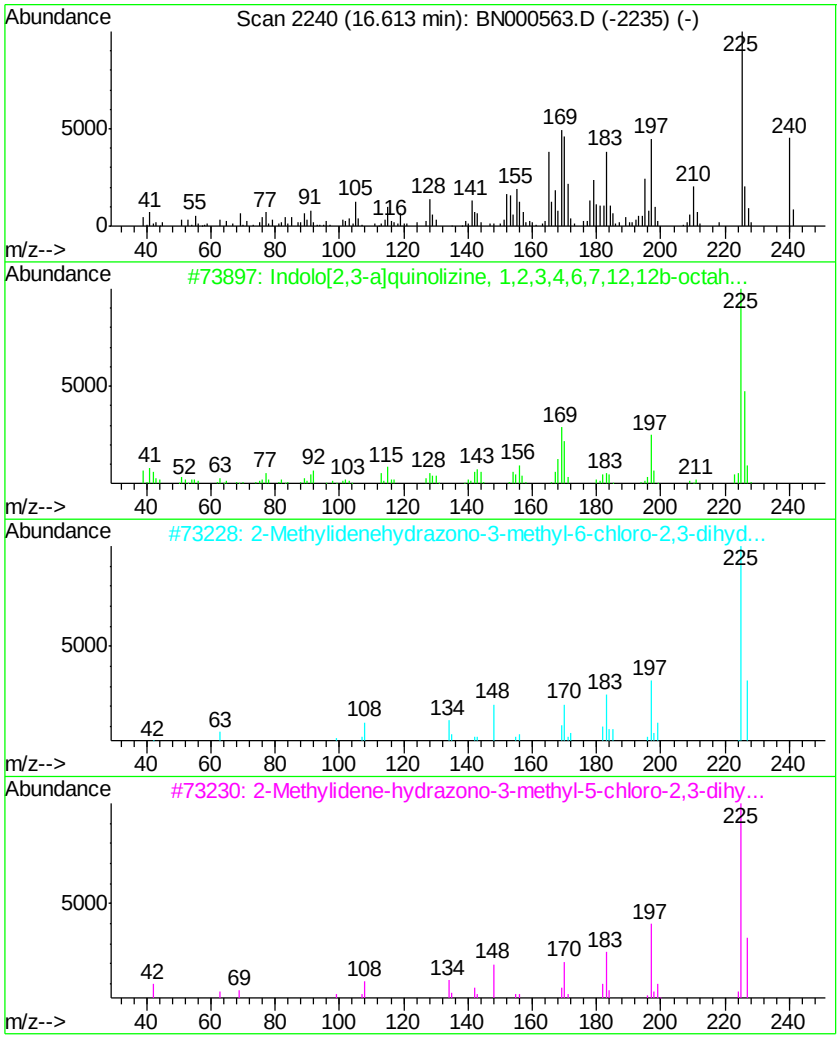
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

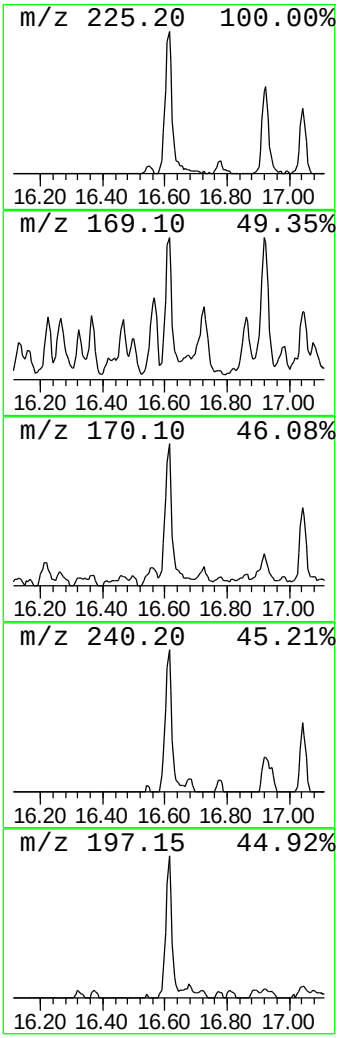
****

Peak Number 56 unknown-03 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.74 ng/ul	339208	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolo[2,3-a]quinolizine, 1,2,3,...	226	C15H18N2	004802-79-3	49
2	2-Methylidenehydrazono-3-methyl-...	225	C9H8ClN3S	1000147-91-5	49
3	2-Methylidene-hydrazono-3-methyl...	225	C9H8ClN3S	1000147-91-3	46
4	6,7-Dihydro-2-isopropylamino-8-m...	225	C9H15N5O2	1000101-98-2	42
5	(3-Isopropyl-5-methylamino-2,4,6...	225	C14H15N3	014204-00-3	38





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Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

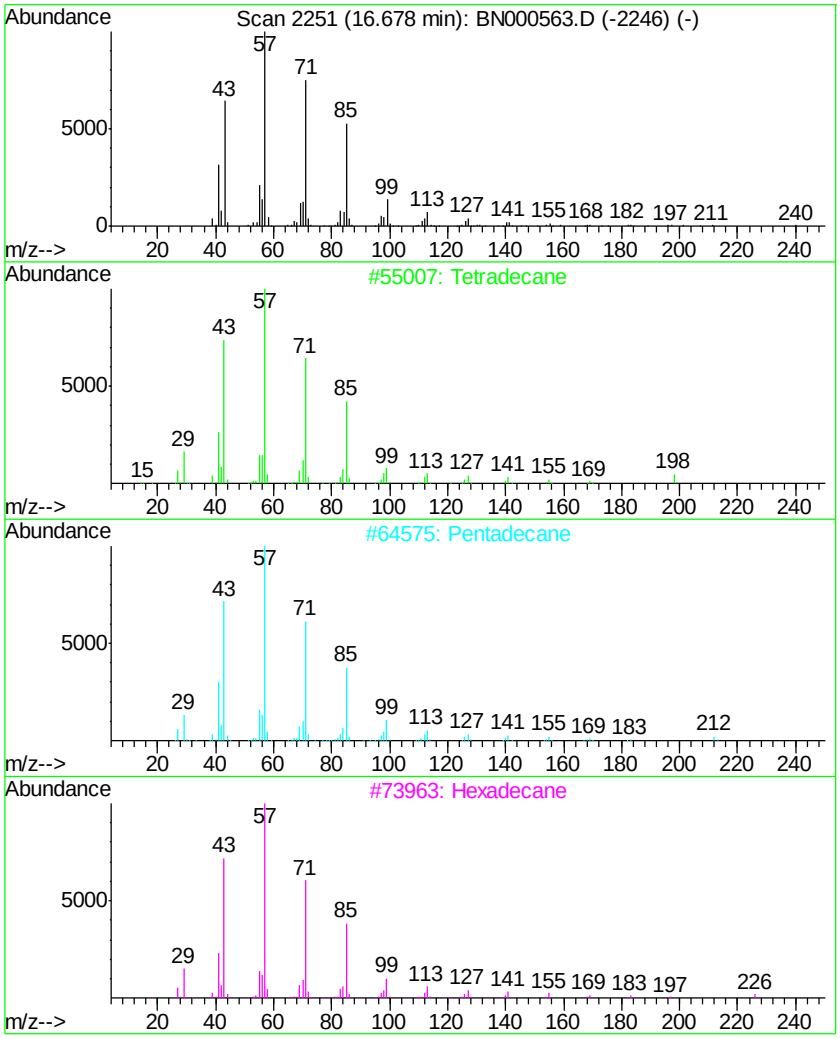
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

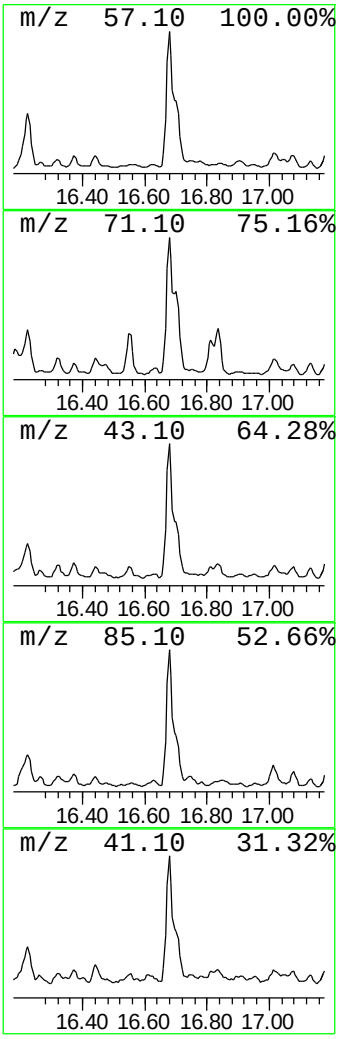
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	5.95 ng/ul	736802	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

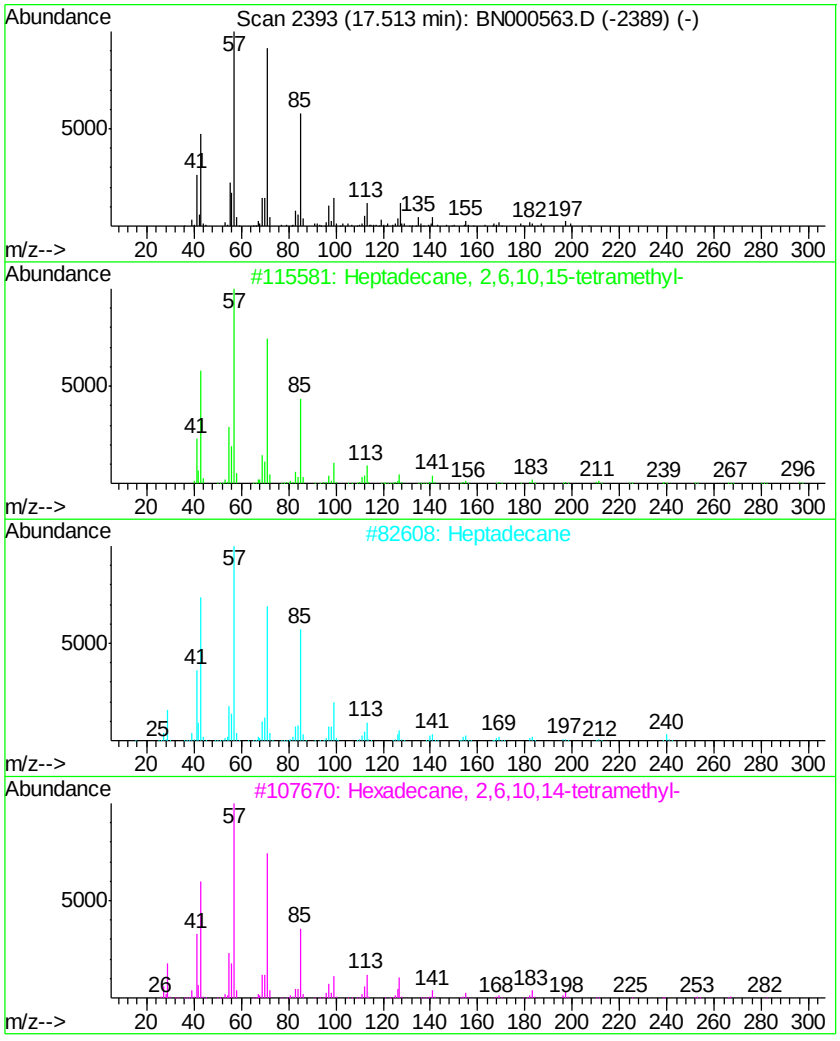
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

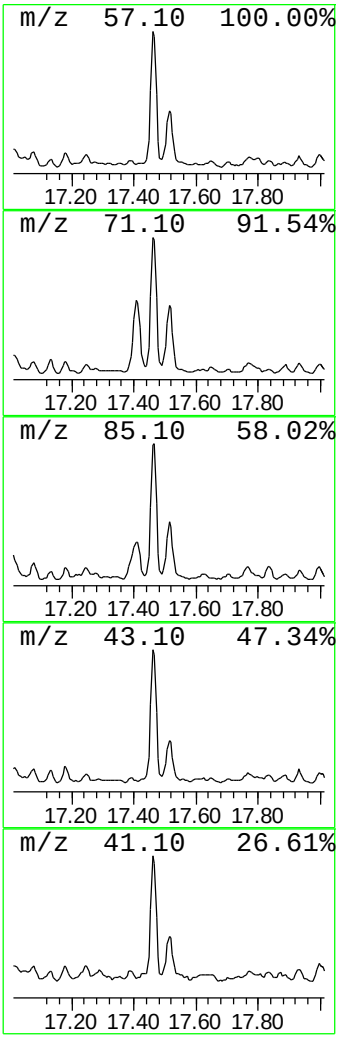
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	2.78 ng/ul	344733	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Tetracosane	338	C24H50	000646-31-1	78
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

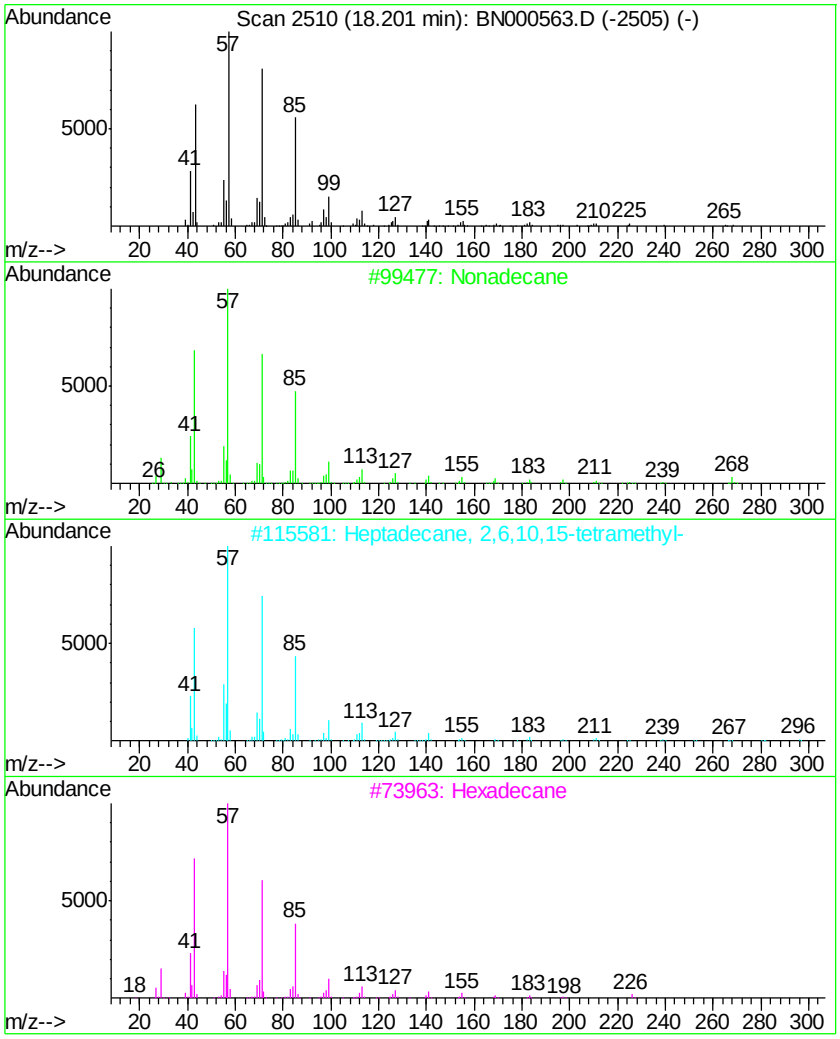
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

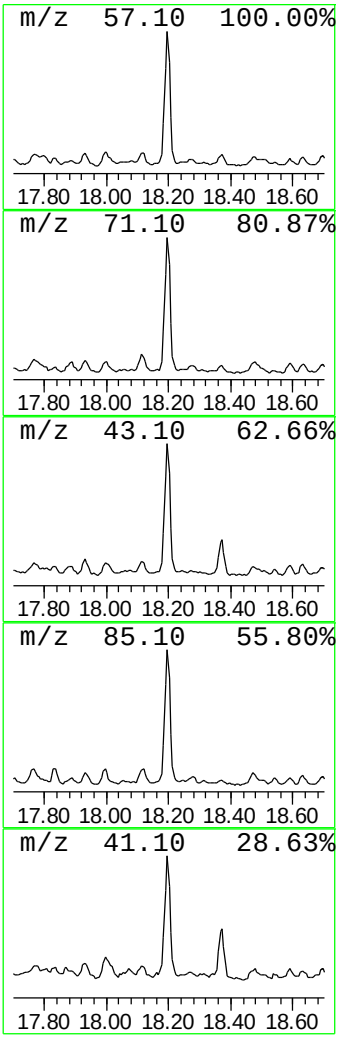
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	4.37 ng/ul	541342	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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

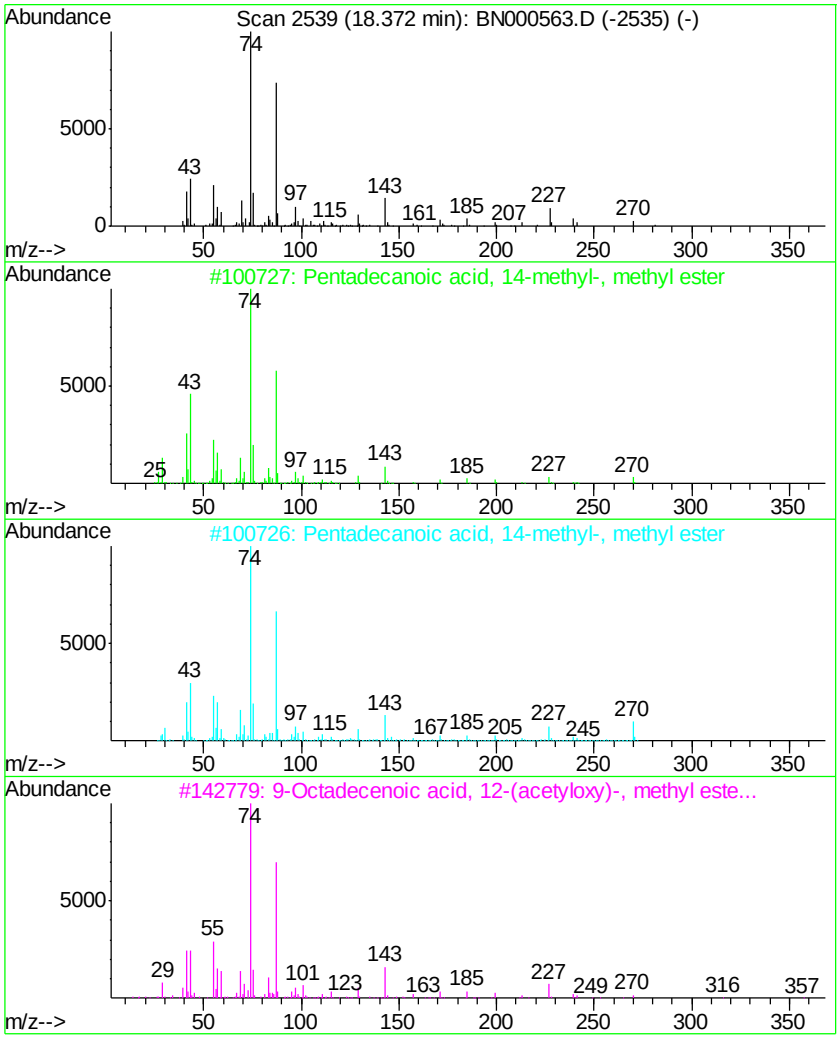
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

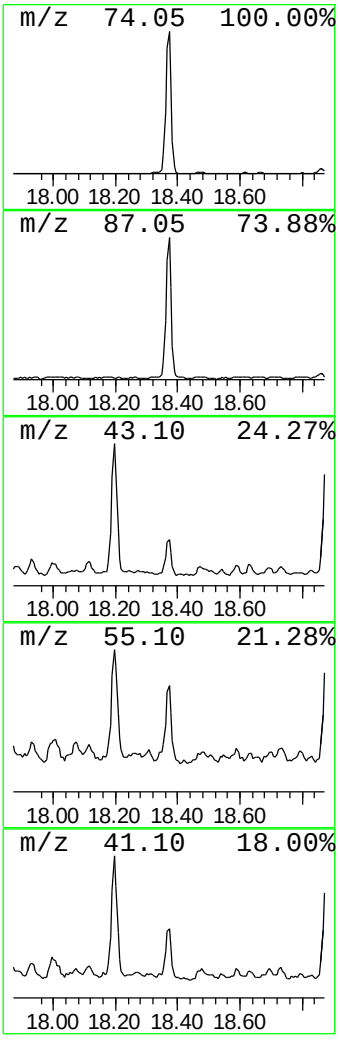
****

Peak Number 60 Pentadecanoic acid, 14-meth... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.41 ng/ul	297920	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87





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Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

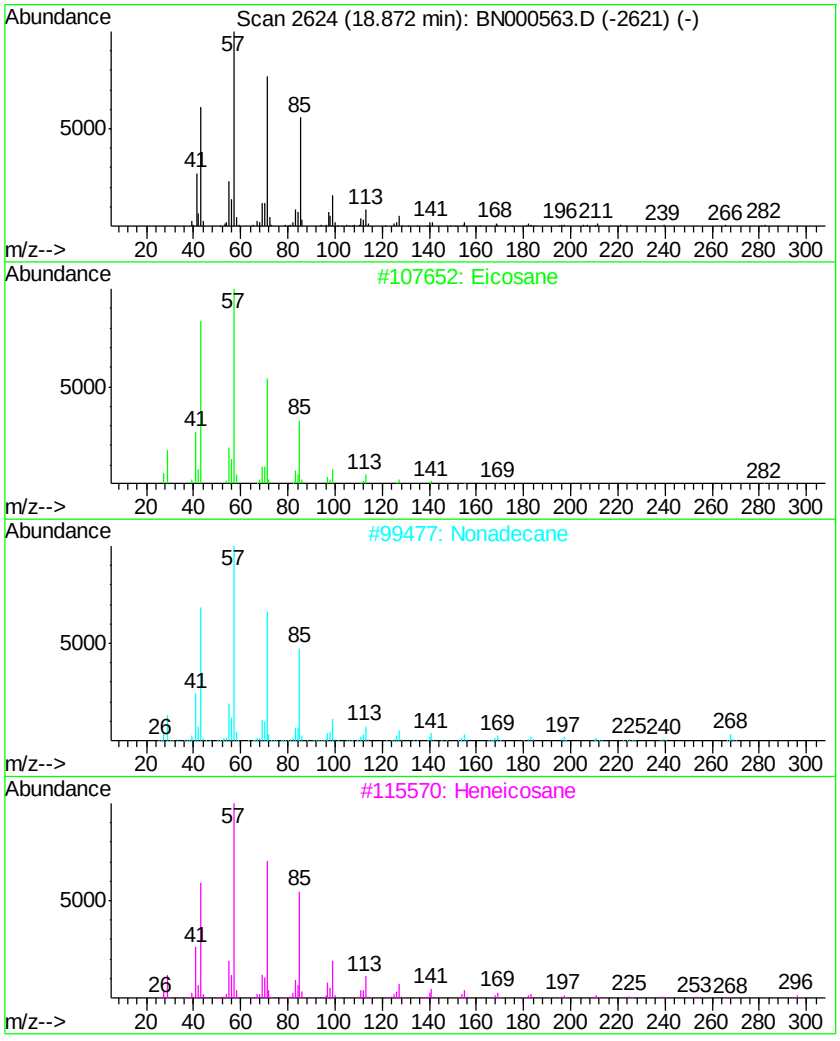
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

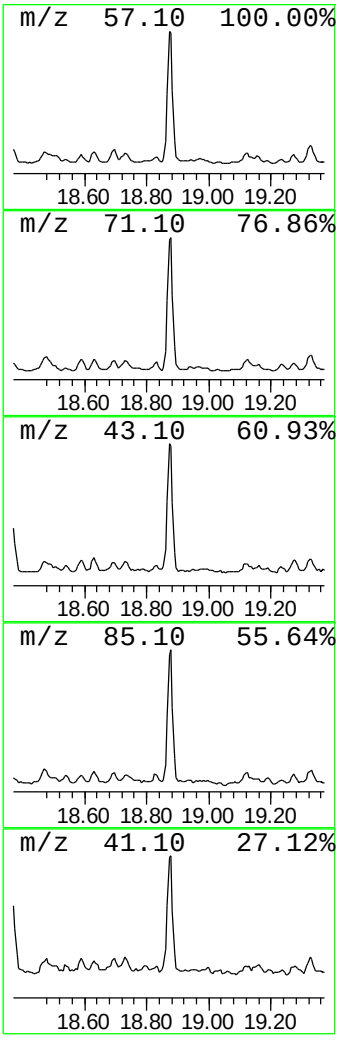
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.72 ng/ul	336721	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

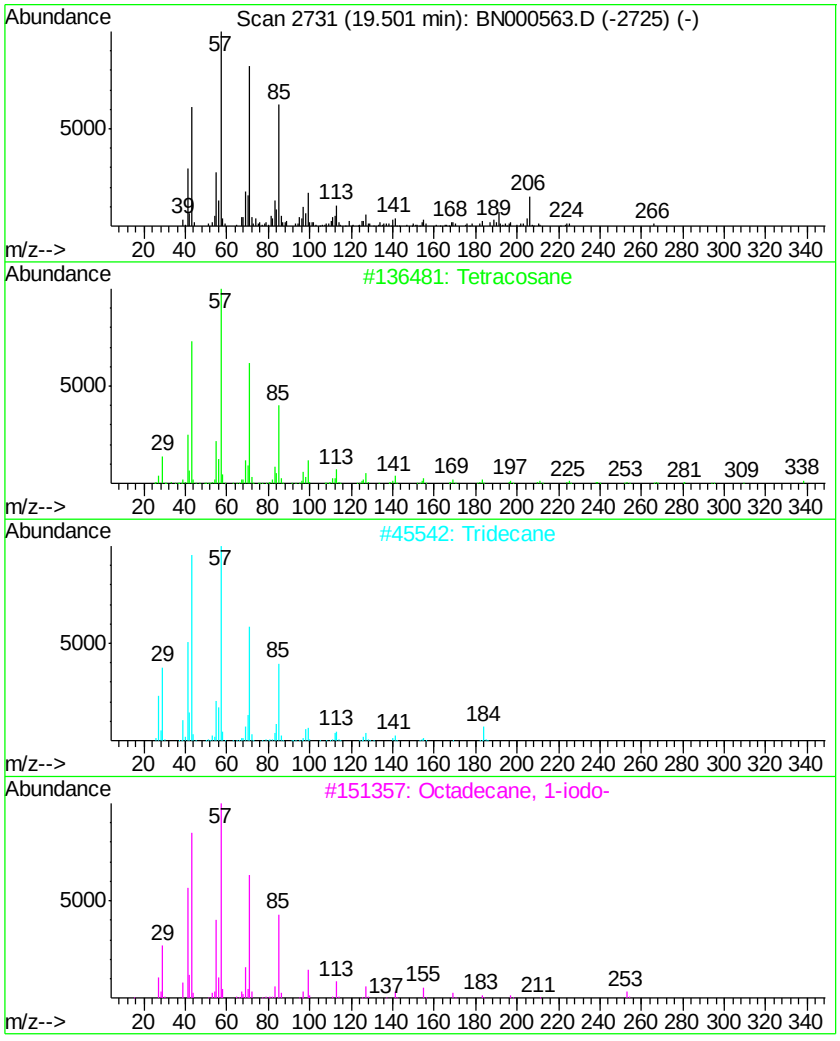
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

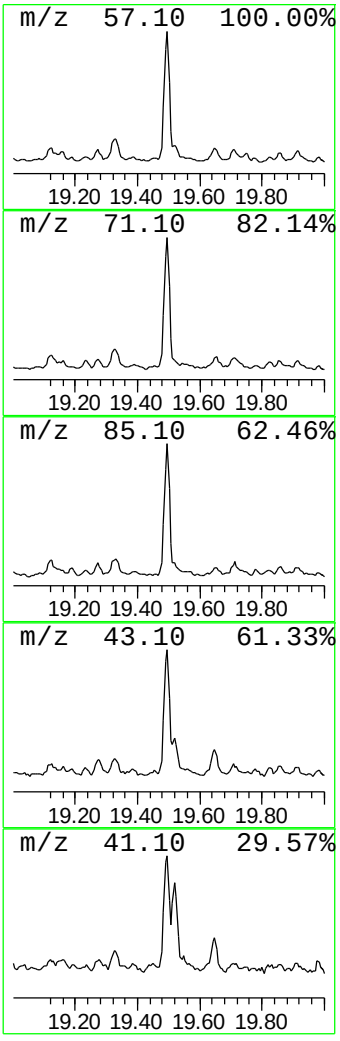
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.80 ng/ul	346437	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

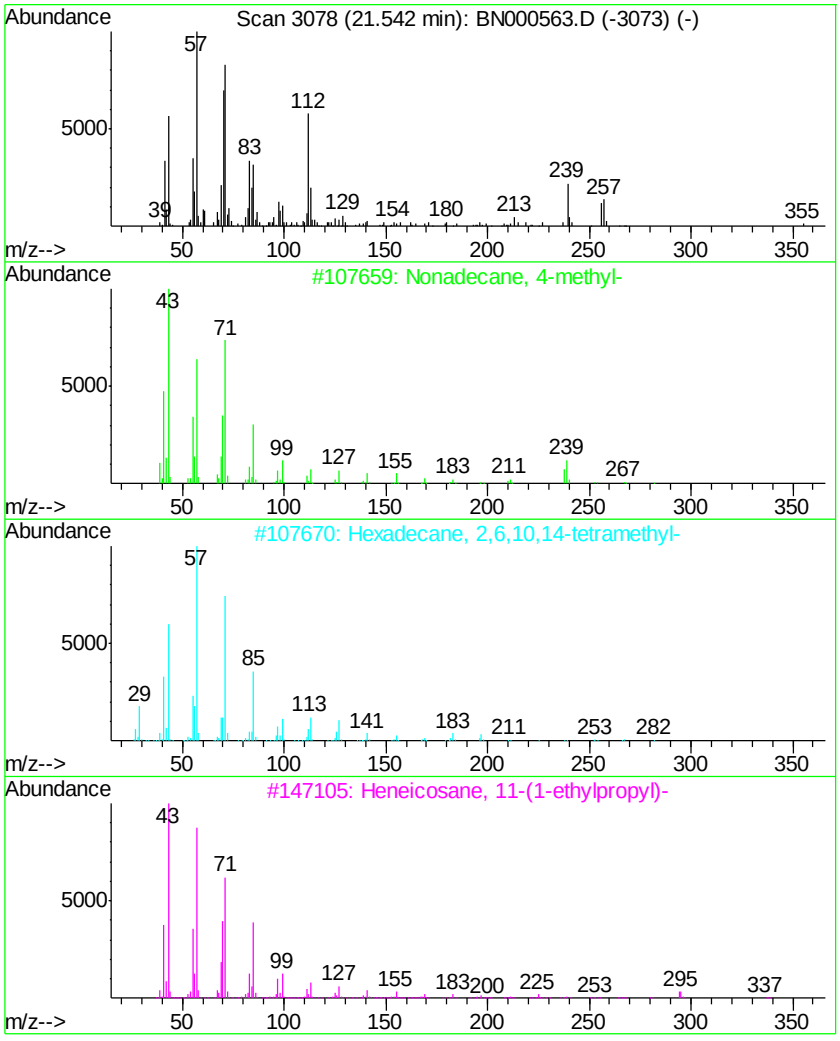
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

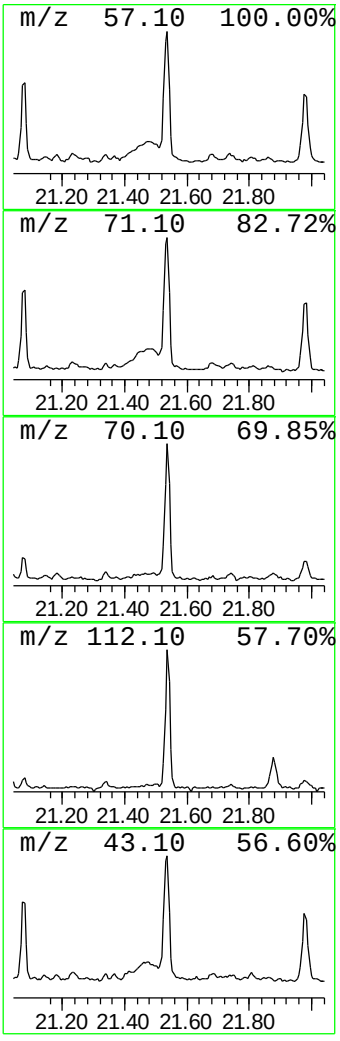
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.58 ng/ul	343216	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	89
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	59
4	Decane, 2-methyl-	156	C11H24	006975-98-0	55
5	Hexatriacontane	507	C36H74	000630-06-8	50





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Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

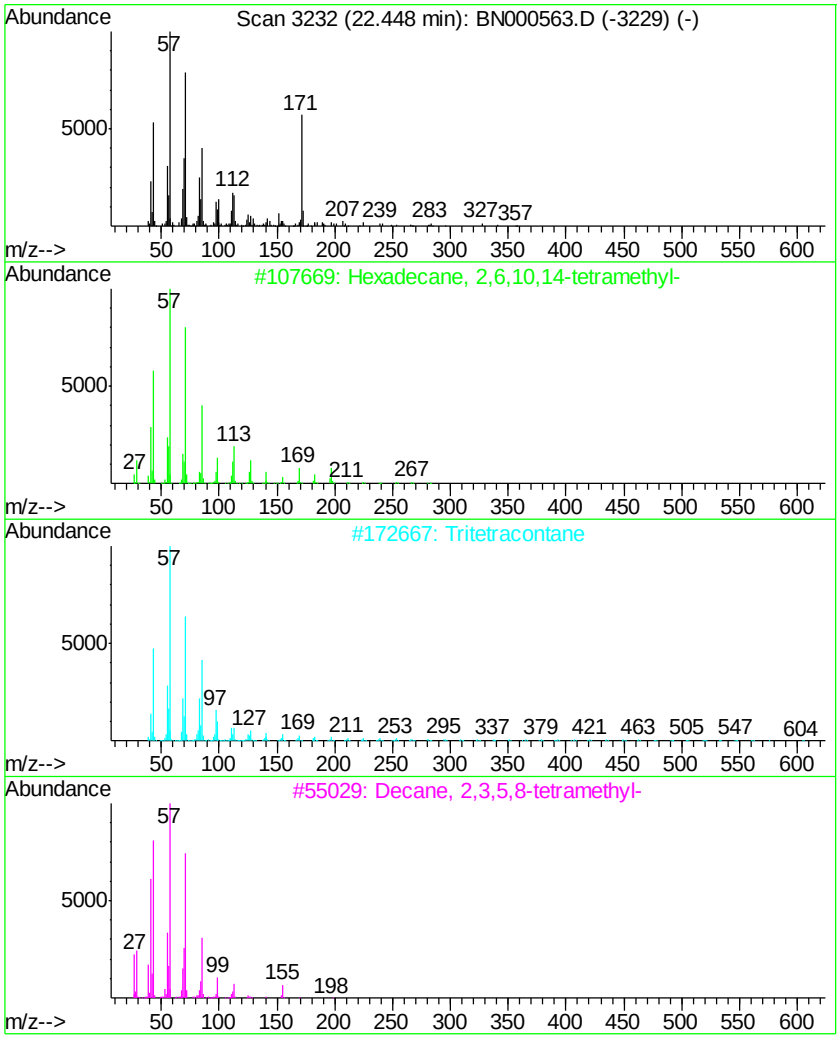
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

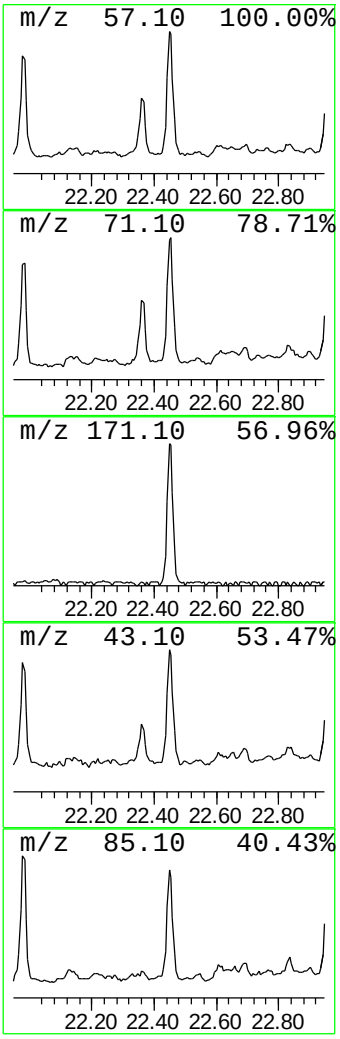
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.04 ng/ul	271473	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
2	Tritetracontane	605	C43H88	007098-21-7	49
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	46
4	Hexadecane	226	C16H34	000544-76-3	46
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000563.D
Acq On : 23 Mar 2018 04:28
Operator : JU/SJ
Sample : J1905-03DL2 200X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM40DL2

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
(DEL) Alkane: Str...	6.35	8.0	ng/ul	401921	1	8.41	1007730	20.0
(DEL) Alkane: Cyc...	7.00	4.2	ng/ul	211343	1	8.41	1007730	20.0
(DEL) Alkane: Str...	7.35	4.3	ng/ul	214458	1	8.41	1007730	20.0
(DEL) Alkane: Str...	7.41	4.2	ng/ul	212987	1	8.41	1007730	20.0
Benzene, 1-ethyl-...	7.47	4.2	ng/ul	209383	1	8.41	1007730	20.0
(DEL) Alkane: Str...	7.53	7.7	ng/ul	388101	1	8.41	1007730	20.0
Benzene, 1-ethyl-...	7.78	3.4	ng/ul	170953	1	8.41	1007730	20.0
(DEL) Alkane: Str...	8.00	22.7	ng/ul	1141830	1	8.41	1007730	20.0
(DEL) Alkane: Str...	8.36	4.2	ng/ul	211907	1	8.41	1007730	20.0
Benzene, 1,2,3-tr...	8.53	4.7	ng/ul	235286	1	8.41	1007730	20.0
(DEL) Alkane: Cyc...	8.69	2.6	ng/ul	131942	1	8.41	1007730	20.0
(DEL) Alkane: Str...	8.92	5.0	ng/ul	249193	1	8.41	1007730	20.0
(DEL) Alkane: Str...	8.98	7.8	ng/ul	391756	1	8.41	1007730	20.0
Benzene, 1,4-diet...	9.05	12.2	ng/ul	616280	1	8.41	1007730	20.0
(DEL) Alkane: Str...	9.16	5.5	ng/ul	275076	1	8.41	1007730	20.0
Benzene, 1-methyl...	9.21	3.4	ng/ul	168681	1	8.41	1007730	20.0
Benzene, 1-methyl...	9.42	3.7	ng/ul	184990	1	8.41	1007730	20.0
Benzene, 4-ethyl-...	9.52	6.0	ng/ul	302518	1	8.41	1007730	20.0
(DEL) Alkane: Str...	9.63	28.2	ng/ul	1418830	1	8.41	1007730	20.0
unknown-01	9.77	5.7	ng/ul	284965	1	8.41	1007730	20.0
Benzene, 2-ethyl-...	9.86	2.7	ng/ul	218205	2	11.25	1621940	20.0
(DEL) Alkane: Cyc...	10.35	3.1	ng/ul	251834	2	11.25	1621940	20.0
(DEL) Alkane: Str...	10.48	2.3	ng/ul	182997	2	11.25	1621940	20.0
(DEL) Alkane: Str...	10.63	2.8	ng/ul	226338	2	11.25	1621940	20.0
(DEL) Alkane: Str...	11.18	10.3	ng/ul	831080	2	11.25	1621940	20.0
(DEL) Alkane: Str...	11.36	2.5	ng/ul	198641	2	11.25	1621940	20.0
Cyanic acid, ethy...	11.59	7.4	ng/ul	596699	2	11.25	1621940	20.0
(DEL) Alkane: Str...	11.72	3.7	ng/ul	296553	2	11.25	1621940	20.0
(DEL) Alkane: Cyc...	11.92	3.6	ng/ul	289593	2	11.25	1621940	20.0
(DEL) Alkane: Str...	12.22	4.0	ng/ul	325549	2	11.25	1621940	20.0
Benzene, 4-(2-but...	12.31	6.4	ng/ul	521376	2	11.25	1621940	20.0
1,3-Propanediol, ...	12.45	5.1	ng/ul	417139	2	11.25	1621940	20.0
(DEL) Alkane: Str...	12.61	7.5	ng/ul	604416	2	11.25	1621940	20.0
unknown-02	12.65	4.2	ng/ul	341589	2	11.25	1621940	20.0
(DEL) Alkane: Cyc...	12.74	2.4	ng/ul	195827	2	11.25	1621940	20.0
4-Nonanone, 2,6,8...	13.01	2.2	ng/ul	180607	2	11.25	1621940	20.0
Naphthalene, 1-me...	13.10	2.1	ng/ul	172187	2	11.25	1621940	20.0
(DEL) Alkane: Cyc...	13.24	2.2	ng/ul	245385	3	15.03	2252140	20.0
(DEL) Alkane: Str...	13.82	6.3	ng/ul	711119	3	15.03	2252140	20.0
Naphthalene, 2,6-...	14.21	3.6	ng/ul	400764	3	15.03	2252140	20.0
Naphthalene, 1,8-...	14.35	4.0	ng/ul	450259	3	15.03	2252140	20.0
(DEL) Alkane: Str...	14.47	2.9	ng/ul	322713	3	15.03	2252140	20.0
3,4-Dimethyl(1H)p...	14.63	3.7	ng/ul	421468	3	15.03	2252140	20.0
(DEL) Alkane: Str...	14.88	15.6	ng/ul	1757570	3	15.03	2252140	20.0
(DEL) Alkane: Str...	15.31	2.1	ng/ul	233954	3	15.03	2252140	20.0
Naphthalene, 2,3,...	15.41	2.7	ng/ul	299246	3	15.03	2252140	20.0
Naphthalene, 1,6,...	15.49	2.2	ng/ul	248282	3	15.03	2252140	20.0
4b,5,6,7,8,8a,9,1...	15.55	2.9	ng/ul	328060	3	15.03	2252140	20.0
Naphthalene, 1,4,...	15.76	6.7	ng/ul	753415	3	15.03	2252140	20.0

(DEL) Alkane: Str...	15.82	8.2	ng/ul	918483	3	15.03	2252140	20.0
unknown-03	16.61	2.7	ng/ul	339208	4	17.76	2477090	20.0
(DEL) Alkane: Str...	16.68	6.0	ng/ul	736802	4	17.76	2477090	20.0
(DEL) Alkane: Str...	17.51	2.8	ng/ul	344733	4	17.76	2477090	20.0
(DEL) Alkane: Str...	18.20	4.4	ng/ul	541342	4	17.76	2477090	20.0
Pentadecanoic aci...	18.37	2.4	ng/ul	297920	4	17.76	2477090	20.0
(DEL) Alkane: Str...	18.87	2.7	ng/ul	336721	4	17.76	2477090	20.0
(DEL) Alkane: Str...	19.50	2.8	ng/ul	346437	4	17.76	2477090	20.0
(DEL) Alkane: Str...	21.54	2.6	ng/ul	343216	5	21.88	2664600	20.0
(DEL) Alkane: Str...	22.45	2.0	ng/ul	271473	5	21.88	2664600	20.0

Instrument :
BNA_N
ClientSampleId :
DAM40DL2