LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.011	3	4	22	rVB	174307	210972	28.47%	1.788%
2	4.940	325	332	338	rBB2	9107	14715	1.99%	0.125%
3	6.987	675	680	690	rBB2	81502	142993	19.30%	1.212%
4	7.158	703	709	718	rBB	77079	115989	15.65%	0.983%
5	7.352	737	742	749	rBB	79815	125266	16.90%	1.062%
6	7.822	816	822	829	rBV	126982	193971	26.18%	1.644%
7	8.528	936	942	951	rBB	95601	149101	20.12%	1.264%
8	8.993	1015	1021	1029	rBB	96247	156977	21.18%	1.330%
9	9.710	1137	1143	1149	rBB	61776	95226	12.85%	0.807%
10	10.246	1228	1234	1241	rBV	94483	151207	20.41%	1.282%
11	10.622	1290	1298	1303	rBV	196822	324526	43.80%	2.750%
12	10.669	1303	1306	1311	rVB	9751	13157	1.78%	0.112%
13	10.763	1315	1322	1341	rVB	88278	156413	21.11%	1.326%
14	12.005	1529	1533	1538	rBB3	13974	19557	2.64%	0.166%
15	12.281	1575	1580	1585	rVB	29175	43078	5.81%	0.365%
16	12.499	1610	1617	1624	rBB	17026	27187	3.67%	0.230%
17	13.251	1737	1745	1750	rBV	20035	29400	3.97%	0.249%
18	13.487	1779	1785	1788	rBV2	10847	14826	2.00%	0.126%
19	13.781	1828	1835	1840	rBV	28767	51408	6.94%	0.436%
20	13.834	1840	1844	1845	rVV2	19850	22300	3.01%	0.189%
21	13.869	1845	1850	1854	rVV	251718	348537	47.04%	2.954%
22	13.916	1854	1858	1863	rVB	117459	157463	21.25%	1.335%
23	14.016	1870	1875	1880	rBV2	12118	20373	2.75%	0.173%
24	14.157	1894	1899	1909	rBV	273321	420527	56.75%	3.564%
25	14.269	1913	1918	1923	rVB2	10506	17549	2.37%	0.149%
26	14.328	1923	1928	1935	rBV	31038	42070	5.68%	0.357%
27	14.463	1943	1951	1961	rBV2	288522	446474	60.25%	3.784%
28	14.663	1979	1985	1994	rBV	18289	48003	6.48%	0.407%
29	14.851	2009	2017	2025	rVB3	25561	50722	6.85%	0.430%
30	14.934	2025	2031	2039	rBV3	26614	43609	5.89%	0.370%
31	15.075	2050	2055	2061	rBV	22204	38778	5.23%	0.329%
32	15.128	2061	2064	2067	rVV	13604	15424	2.08%	0.131%
33	15.234	2077	2082	2086	rBV4	17005	35231	4.75%	0.299%
34	15.281	2086	2090	2094	rVB	53006	63500	8.57%	0.538%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
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Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

35	15.416	2103	2113	2115	rBV6	9183	19741	2.66%	0.167%
36	15.457	2115	2120	2125	rVV	369788	519148	70.06%	4.400%
37	15.498	2125	2127	2132	rVB3	11220	14112	1.90%	0.120%
38	15.551	2132	2136	2139	rBV2	10505	15647	2.11%	0.133%
39	15.675	2153	2157	2161	rBV4	21763	33747	4.55%	0.286%
40	15.710	2161	2163	2170	rVB4	13765	23203	3.13%	0.197%
41	15.775	2171	2174	2178	rBV3	11921	18188	2.45%	0.154%
42	15.816	2179	2181	2187	rVB2	12093	16017	2.16%	0.136%
43	15.910	2192	2197	2201	rVB4	12262	21944	2.96%	0.186%
44	15.951	2201	2204	2207	rBV2	13388	16878	2.28%	0.143%
45	16.016	2211	2215	2219	rBV2	16267	20621	2.78%	0.175%
46	16.145	2232	2237	2251	rVB3	63804	189025	25.51%	1.602%
47	16.310	2261	2265	2269	rBV	21588	35026	4.73%	0.297%
48	16.569	2305	2309	2312	rBV3	26742	40373	5.45%	0.342%
49	16.716	2330	2334	2337	rBV4	18719	28957	3.91%	0.245%
50	16.863	2355	2359	2363	rBV4	17697	26502	3.58%	0.225%
51	16.934	2367	2371	2375	rVV	63849	80865	10.91%	0.685%
52	16.981	2375	2379	2383	rVV2	28783	40844	5.51%	0.346%
53	17.092	2396	2398	2401	rVB4	11666	12623	1.70%	0.107%
54	17.216	2413	2419	2423	rBV2	357025	554896	74.88%	4.703%
55	17.257	2423	2426	2430	rVV	50879	70388	9.50%	0.597%
56	17.310	2430	2435	2441	rVV	383458	554822	74.87%	4.702%
57	17.469	2460	2462	2470	rVB6	14684	29531	3.99%	0.250%
58	17.669	2493	2496	2503	rVB	87781	123255	16.63%	1.045%
59	18.081	2562	2566	2570	rBV	57497	97028	13.09%	0.822%
60	18.134	2572	2575	2579	rVB	57002	79540	10.73%	0.674%
61	18.269	2594	2598	2603	rBV3	52542	82176	11.09%	0.696%
62	18.316	2604	2606	2610	rVB	37998	43089	5.81%	0.365%
63	18.363	2610	2614	2619	rBV	87476	104911	14.16%	0.889%
64	18.881	2699	2702	2705	rBV	60895	69032	9.32%	0.585%
65	18.922	2706	2709	2712	rVV	54458	65223	8.80%	0.553%
66	18.998	2718	2722	2727	rBV	230152	320542	43.26%	2.717%
67	19.134	2743	2745	2747	rBV2	46004	51339	6.93%	0.435%
68	19.263	2763	2767	2774	rBV3	82674	156634	21.14%	1.328%
69	19.581	2818	2821	2822	rBV	101368	99342	13.41%	0.842%
70	19.610	2822	2826	2829	rVV2	437552	621231	83.84%	5.265%
71	19.639	2829	2831	2837	rVB2	195491	254306	34.32%	2.155%

LSC Area Percent Report

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Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

72	19.704	2838	2842	2847	rVB	133480	210736	28.44%	1.786%
73	20.110	2909	2911	2917	rVB2	176473	188915	25.49%	1.601%
74	20.292	2939	2942	2945	rVB	93763	107293	14.48%	0.909%
75	20.433	2962	2966	2969	rBV	137383	194669	26.27%	1.650%
76	20.475	2971	2973	2976	rBV	76987	96901	13.08%	0.821%
77	20.610	2993	2996	3000	rBV	146850	156628	21.14%	1.327%
78	21.075	3073	3075	3079	rVB2	157977	166596	22.48%	1.412%
79	21.404	3127	3131	3135	rVB	459772	596350	80.48%	5.054%
80	21.510	3147	3149	3153	rVB3	200996	201137	27.14%	1.705%
81	21.957	3222	3225	3231	rVB2	183984	239721	32.35%	2.032%
82	23.574	3497	3500	3517	rVB	309992	741006	100.00%	6.280%
83	23.727	3521	3526	3535	rVB2	296823	541723	73.11%	4.591%

Sum of corrected areas: 11798950

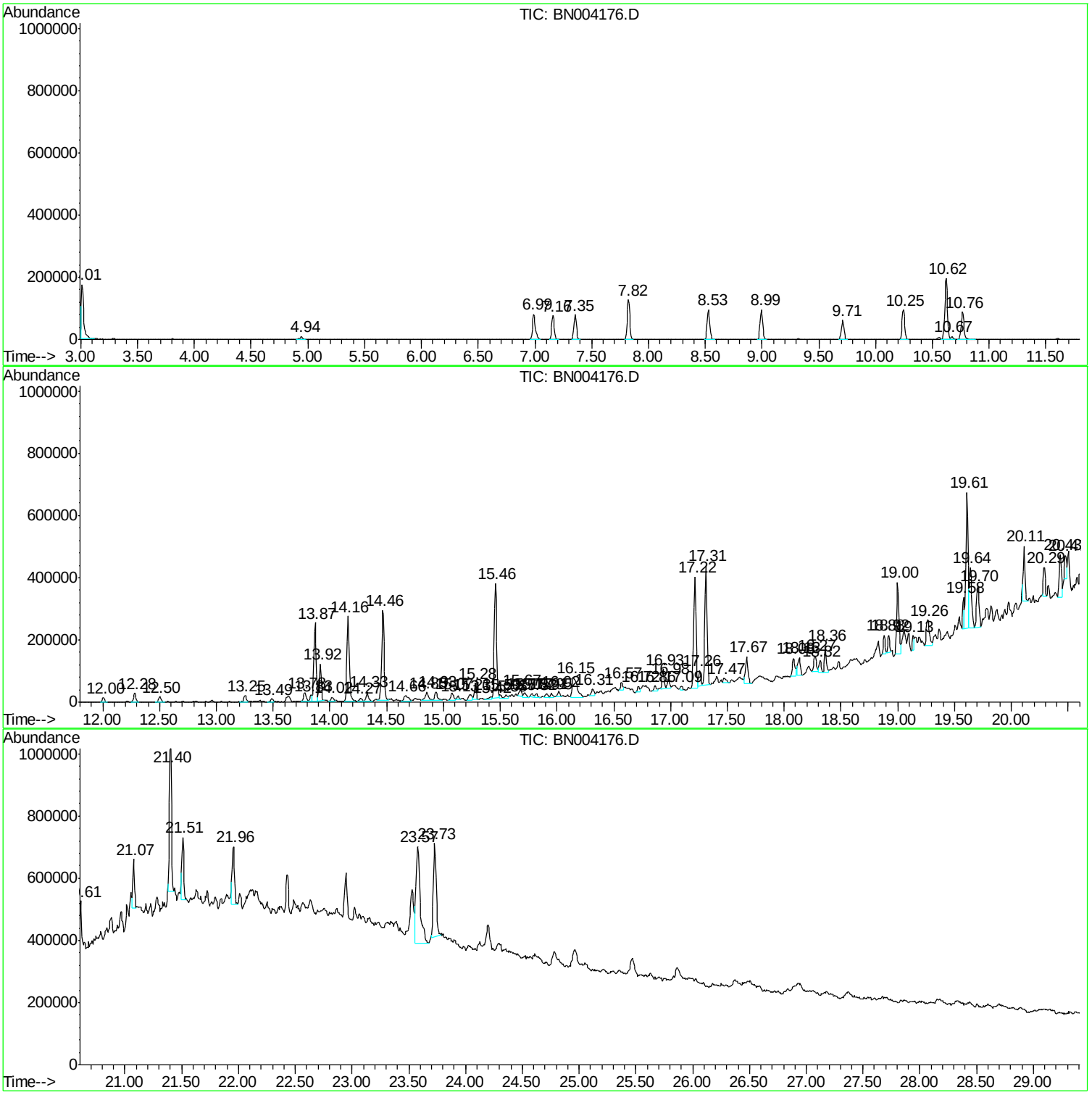
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

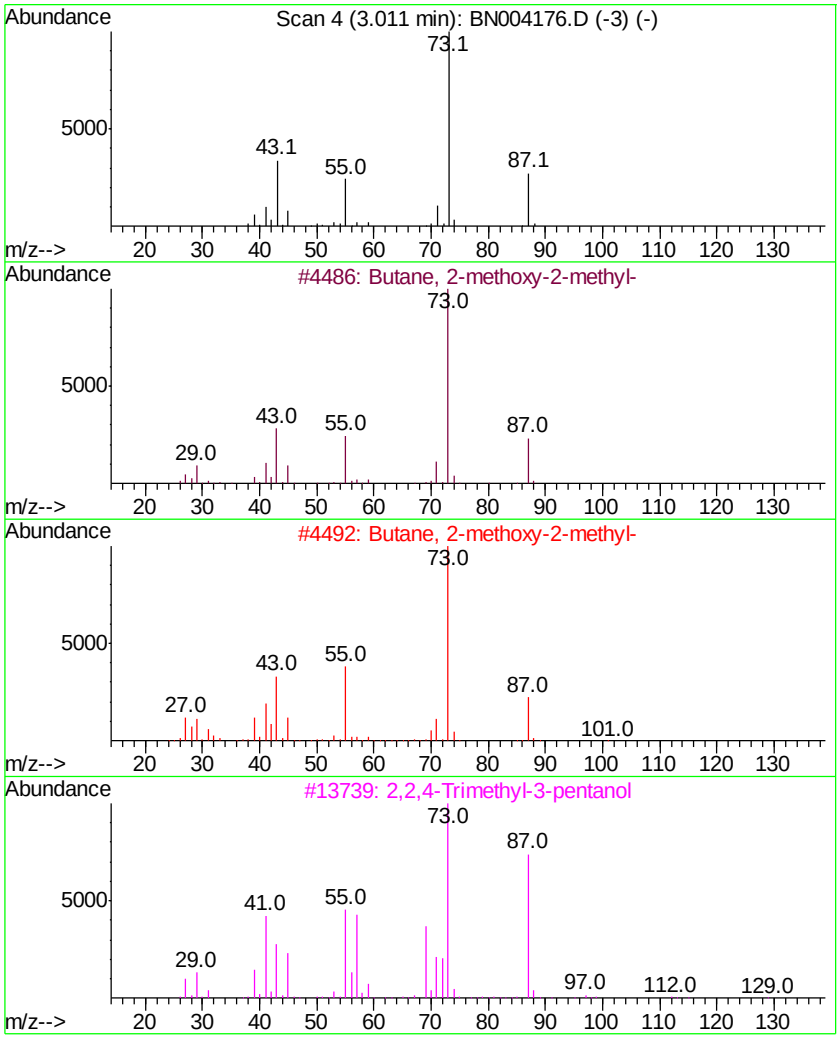
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

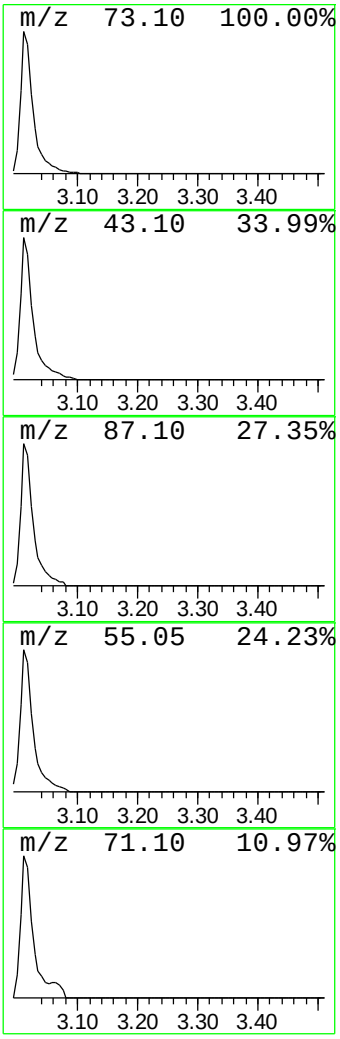
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	21.75 ng/ul	210972	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

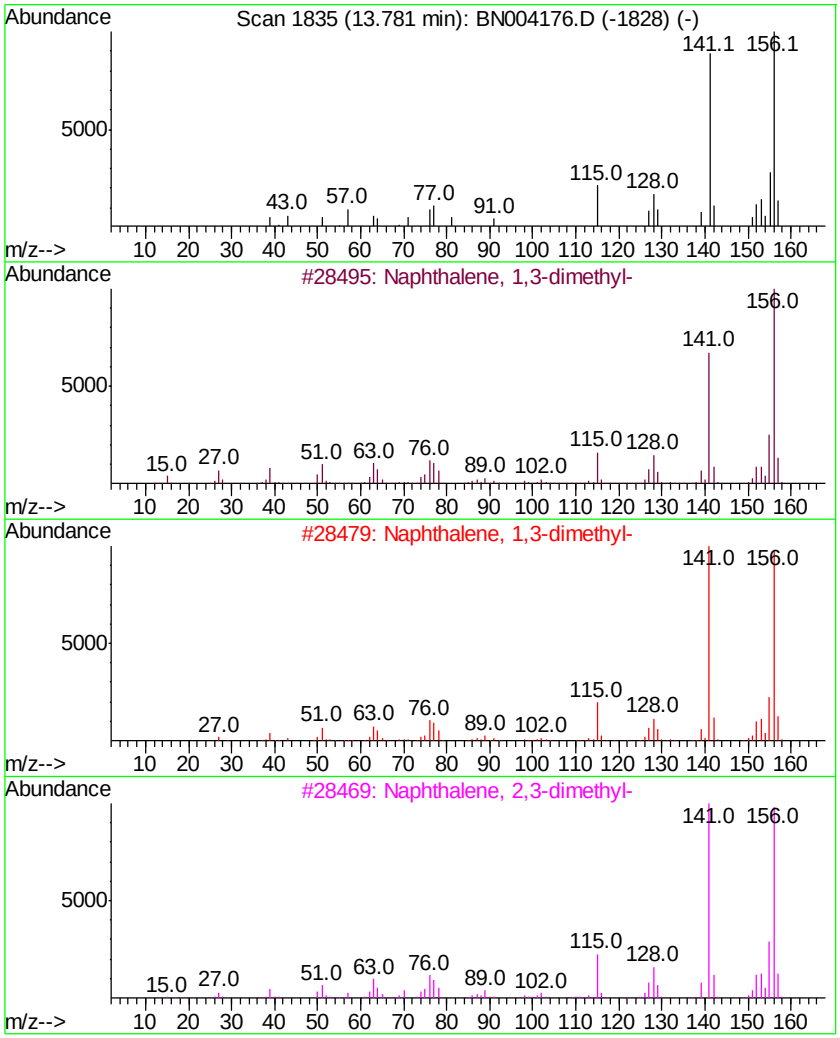
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

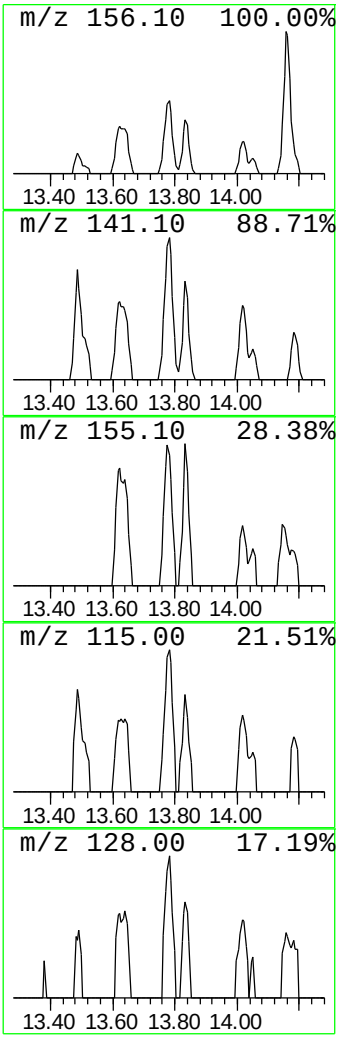
****

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.30 ng/ul	51408	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

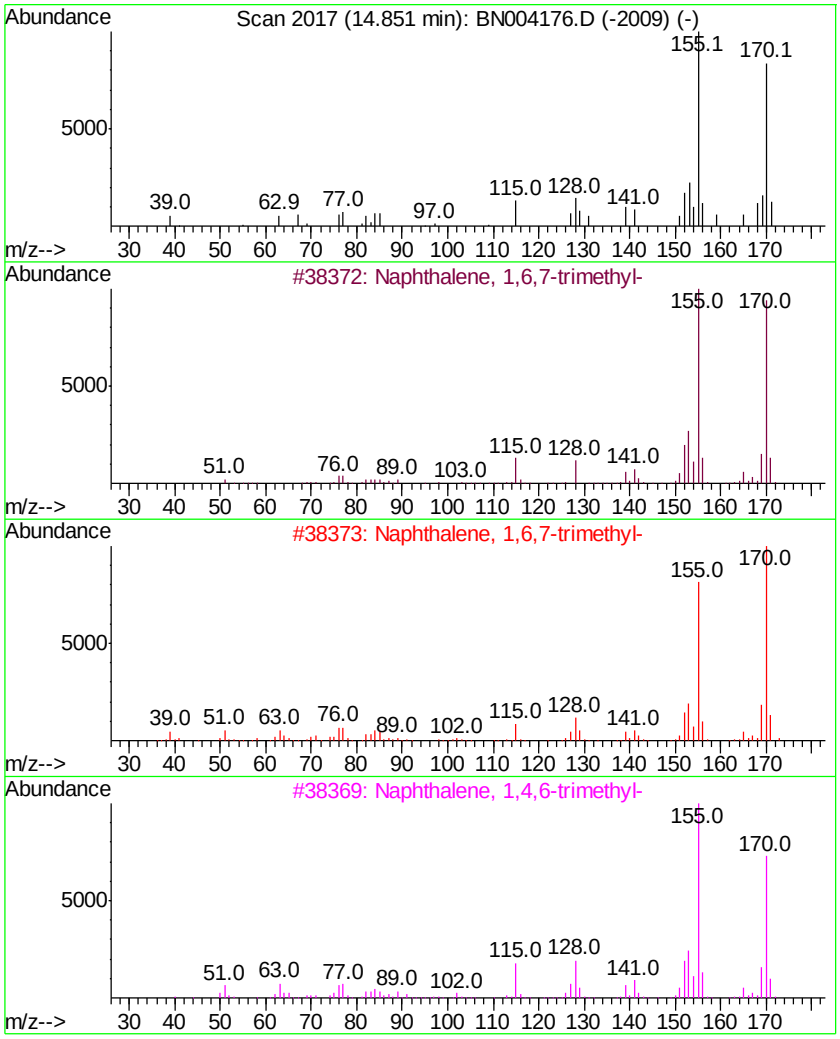
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

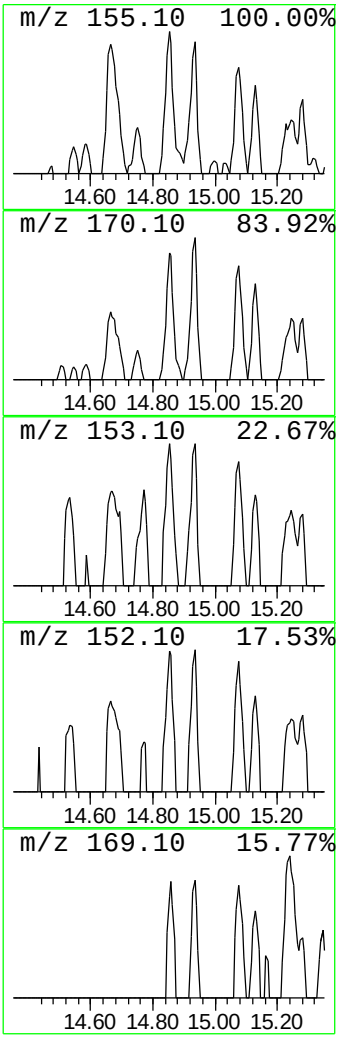
****

Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.27 ng/ul	50722	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





Library Search Compound Report

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Data File : BN004176.D
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Operator : JU/SJ
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

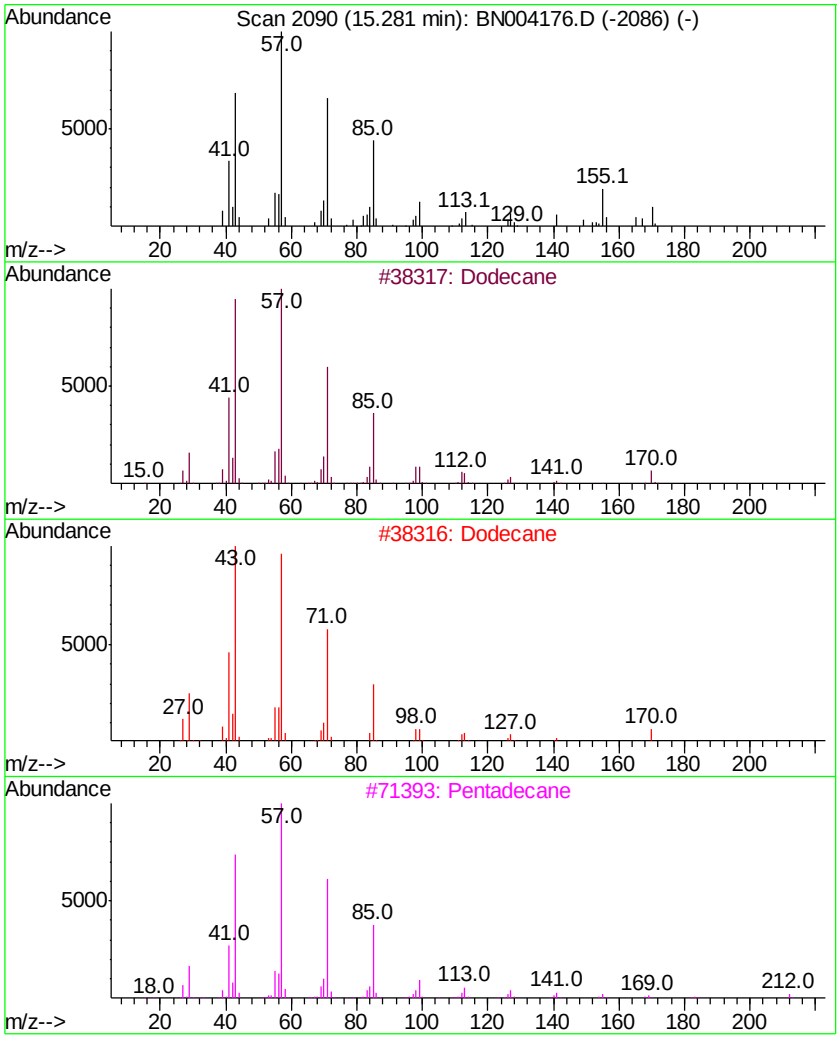
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

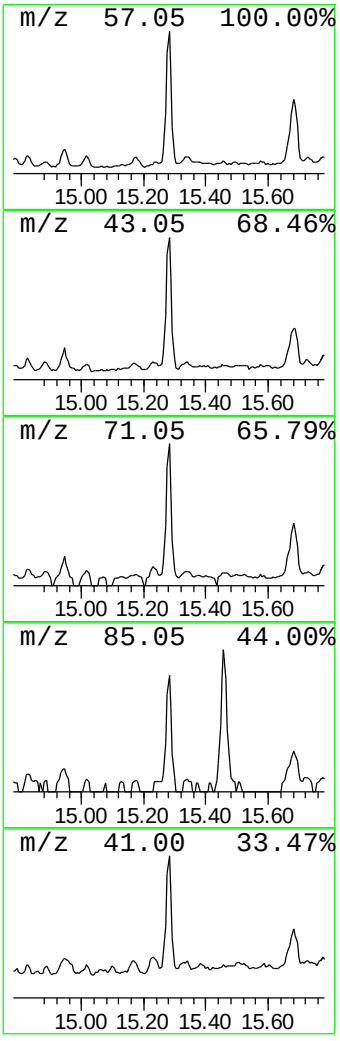
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	2.84 ng/ul	63500	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Dodecane	170	C12H26	000112-40-3	76
3	Pentadecane	212	C15H32	000629-62-9	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

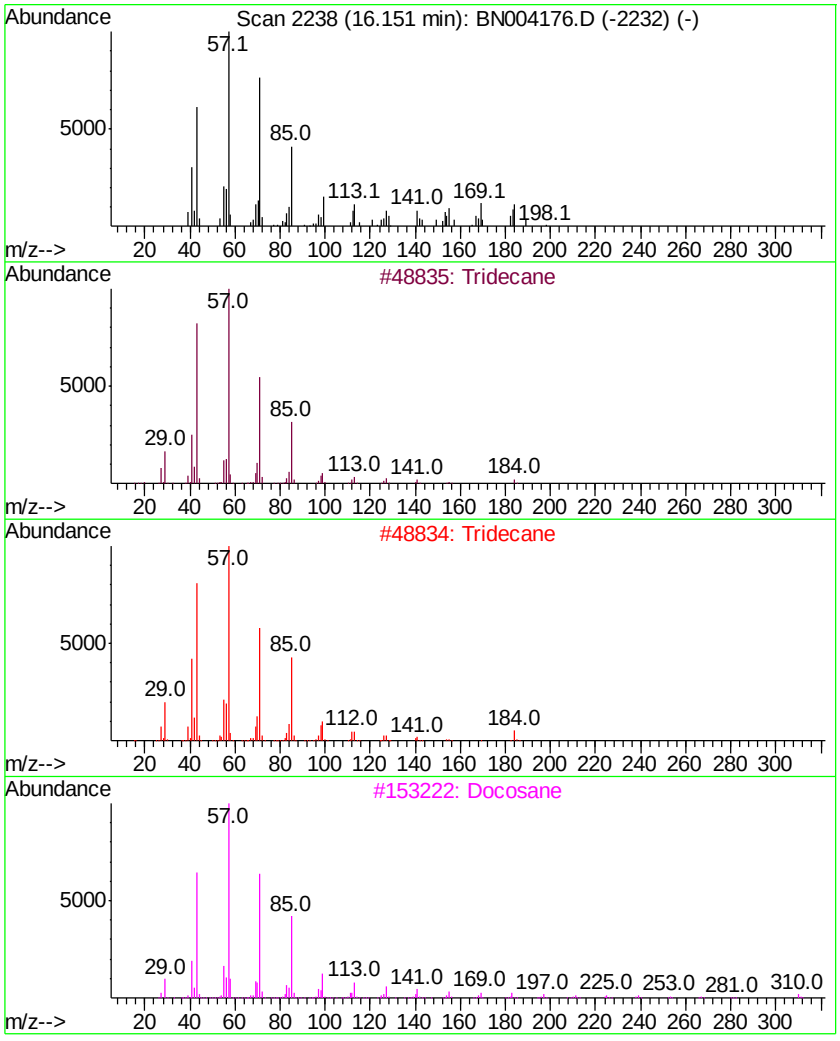
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

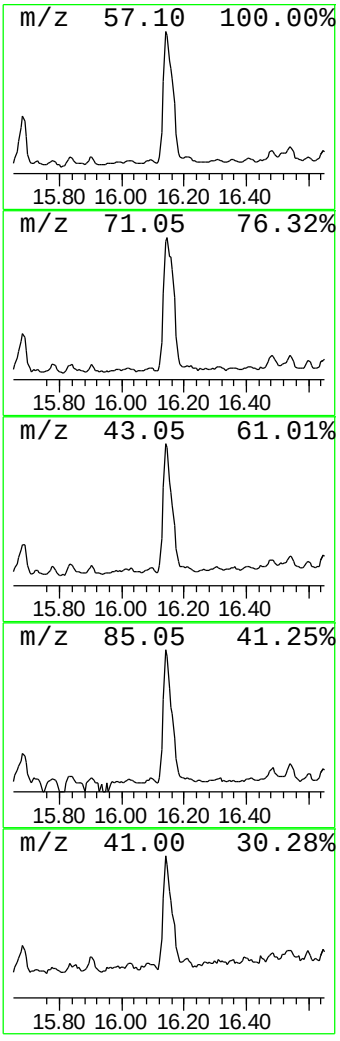
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	6.81 ng/ul	189025	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	91
3	Docosane	310	C22H46	000629-97-0	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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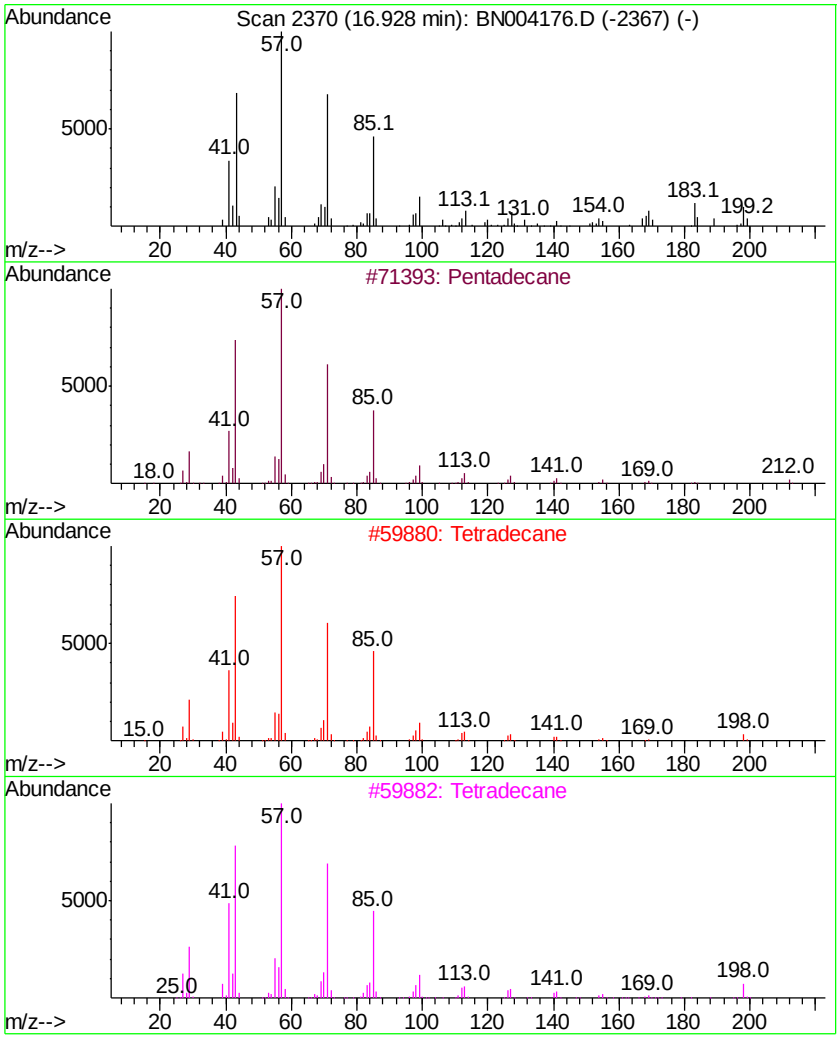
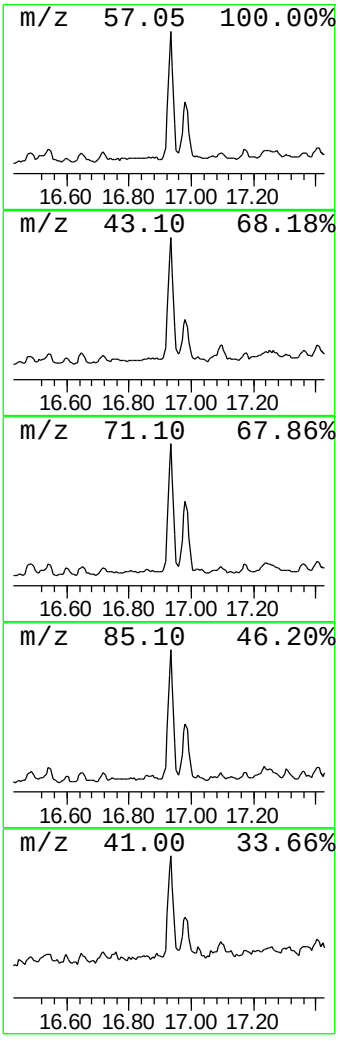
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	2.91 ng/ul	80865	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tetradecane	198	C14H30	000629-59-4	94
4	Tetradecane	198	C14H30	000629-59-4	93
5	Pentadecane	212	C15H32	000629-62-9	91





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Operator : JU/SJ
Sample : J6476-03
Misc :
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Instrument : BNA_N
ClientSampleId : C5AA4

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Quant Title : SVOA CALIBRATION

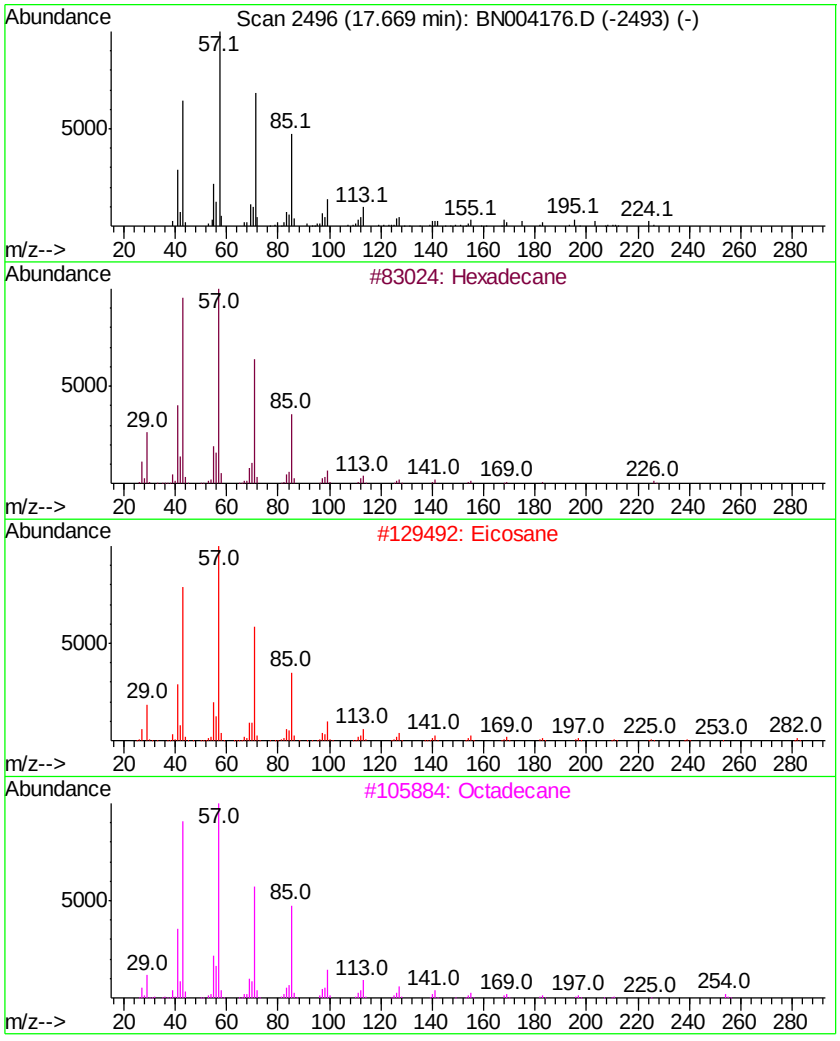
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

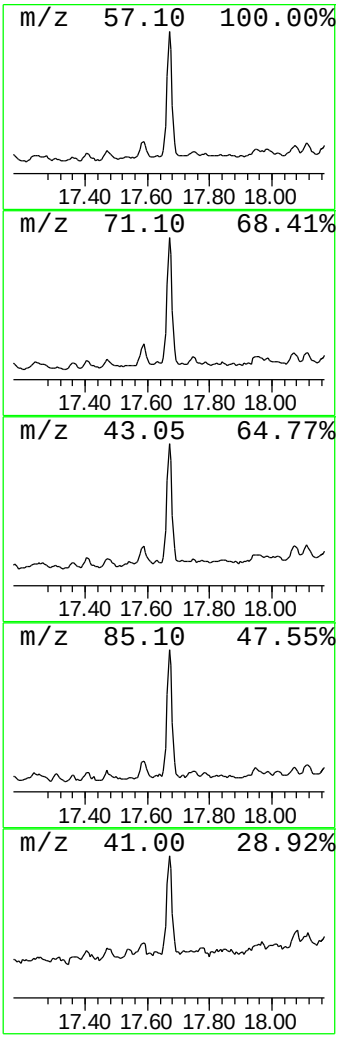
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.44 ng/ul	123255	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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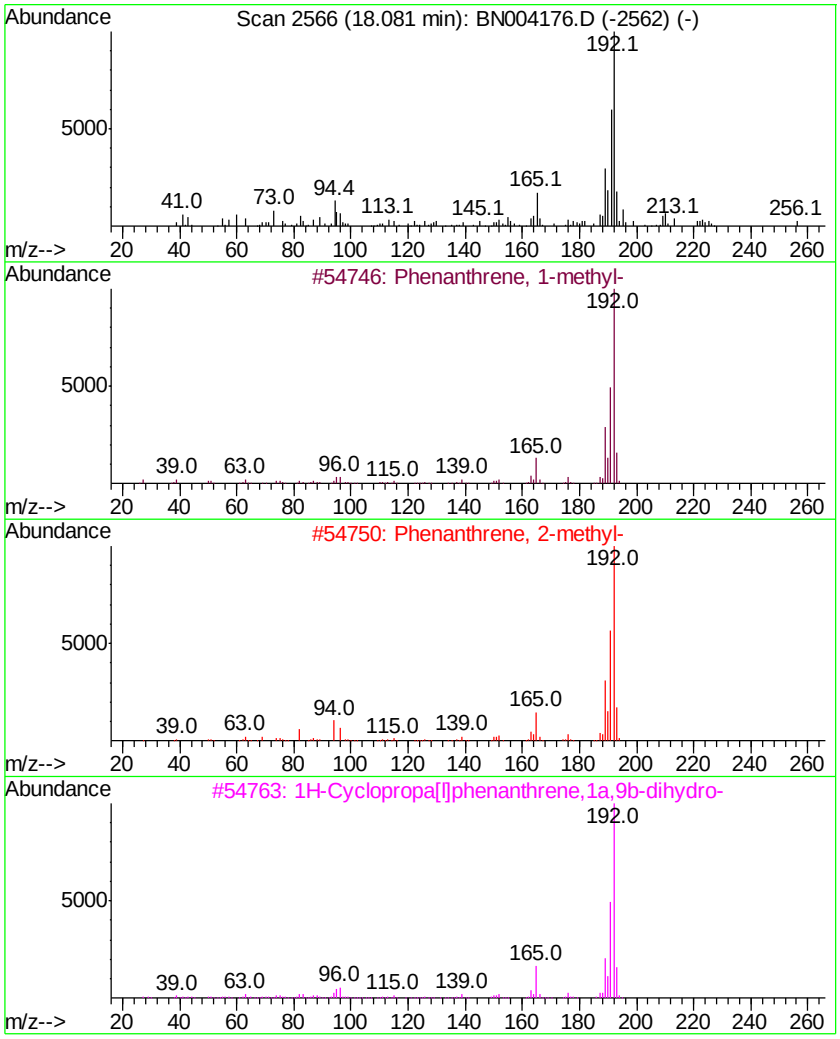
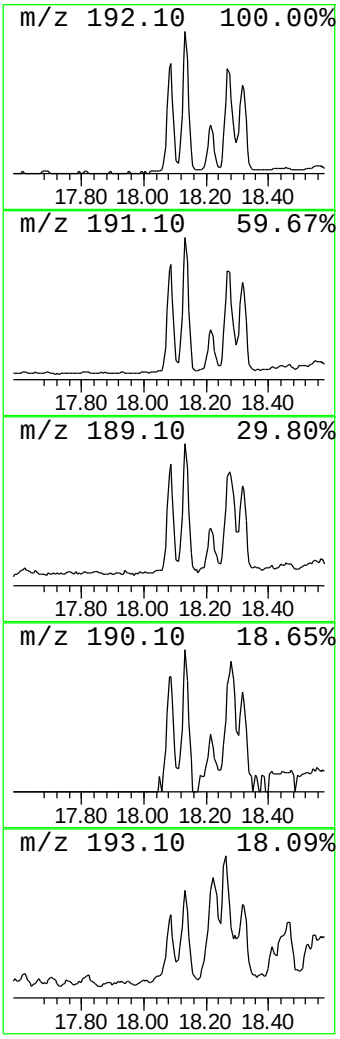
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.50 ng/ul	97028	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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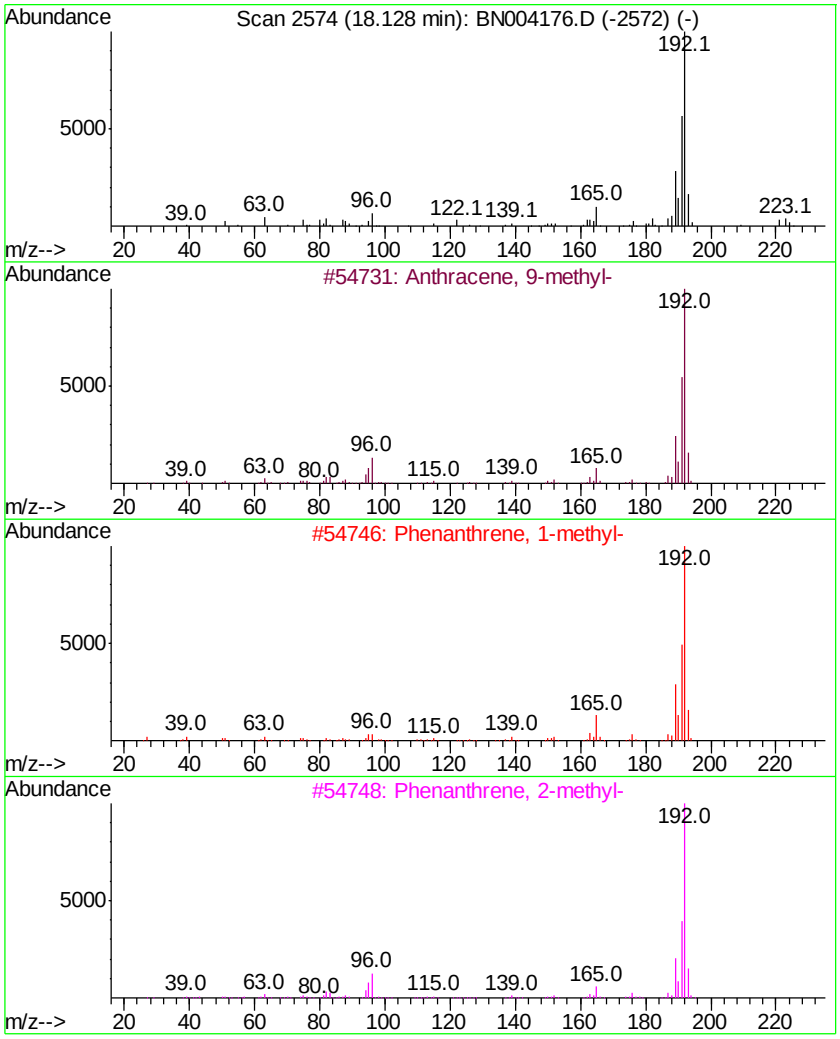
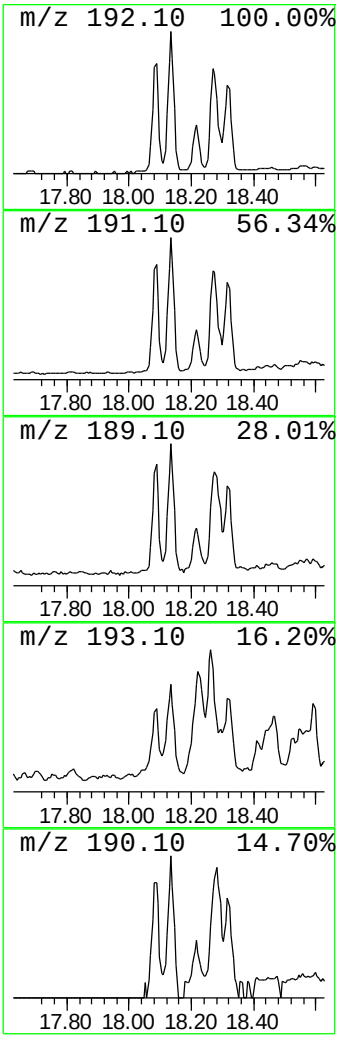
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.87 ng/ul	79540	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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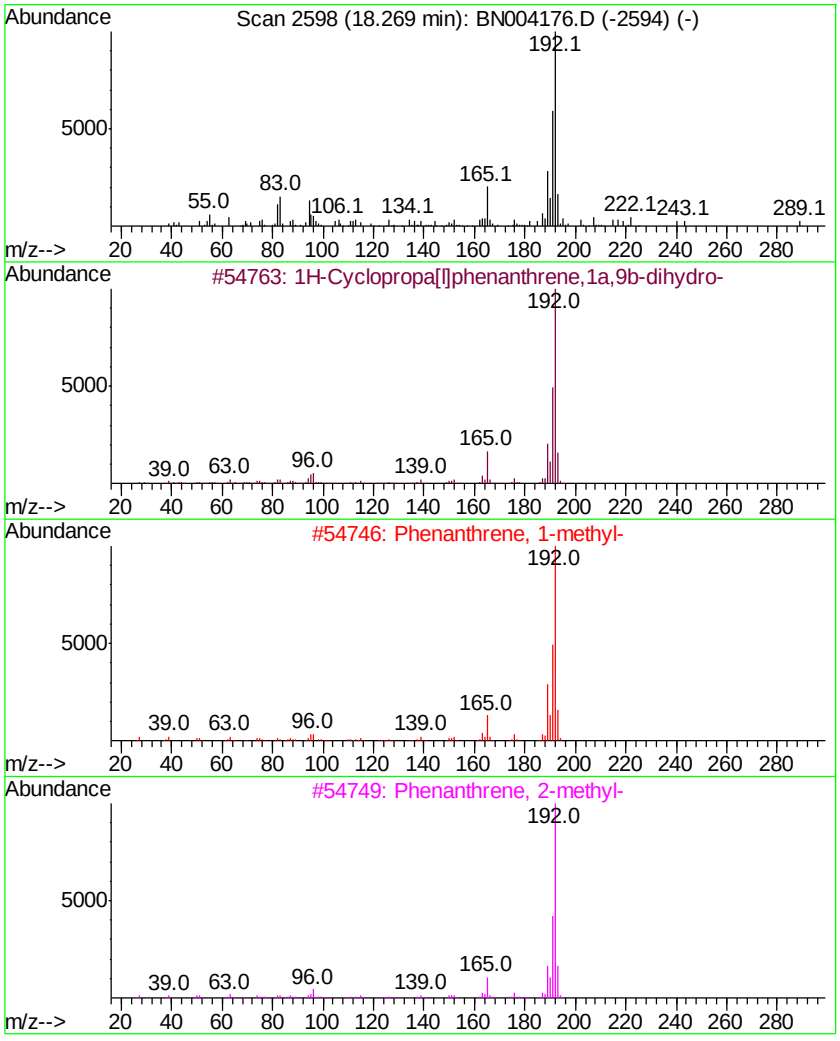
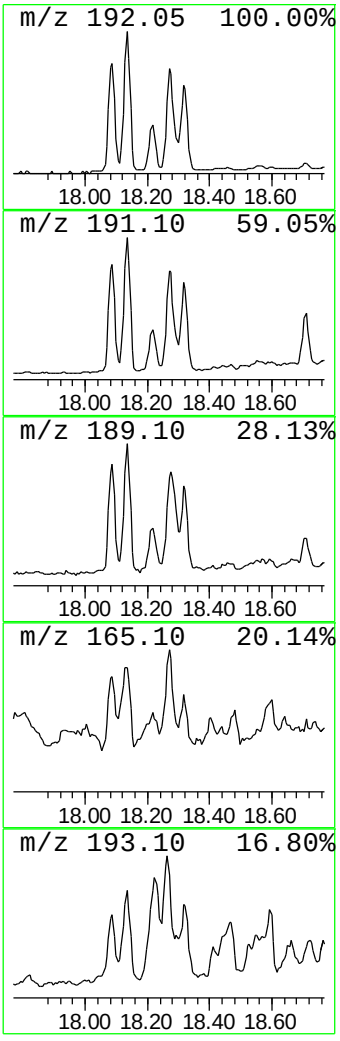
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.96 ng/ul	82176	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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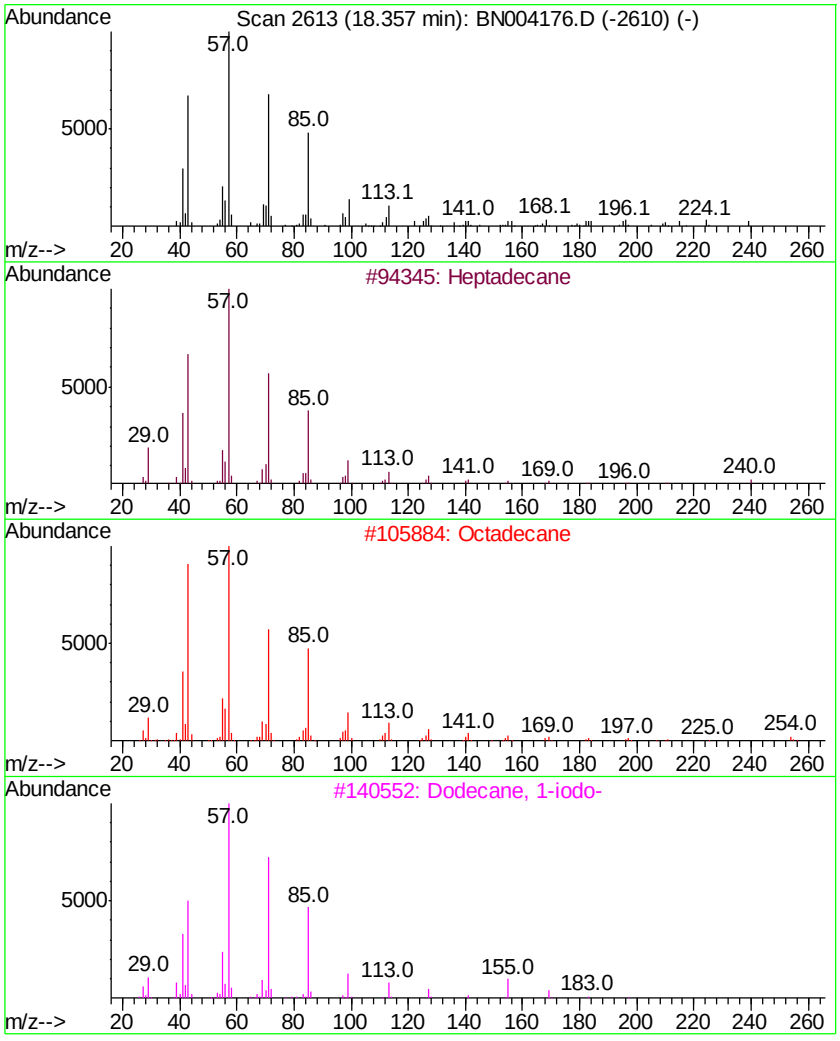
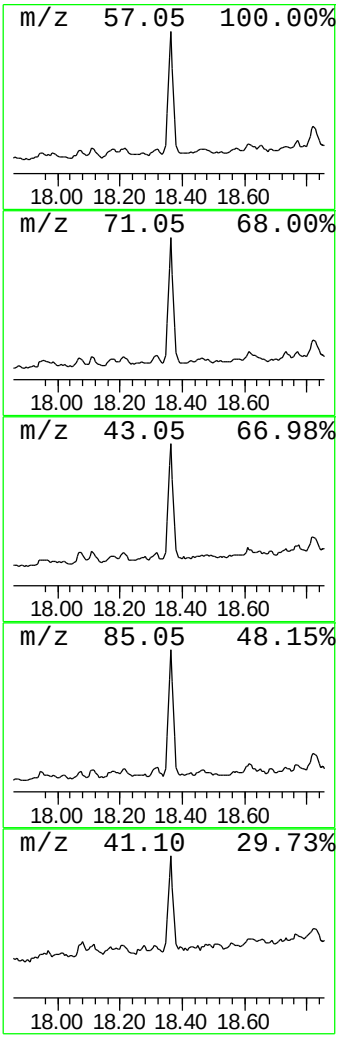
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.78 ng/ul	104911	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Octadecane	254	C18H38	000593-45-3	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Instrument : BNA_N
ClientSampleId : C5AA4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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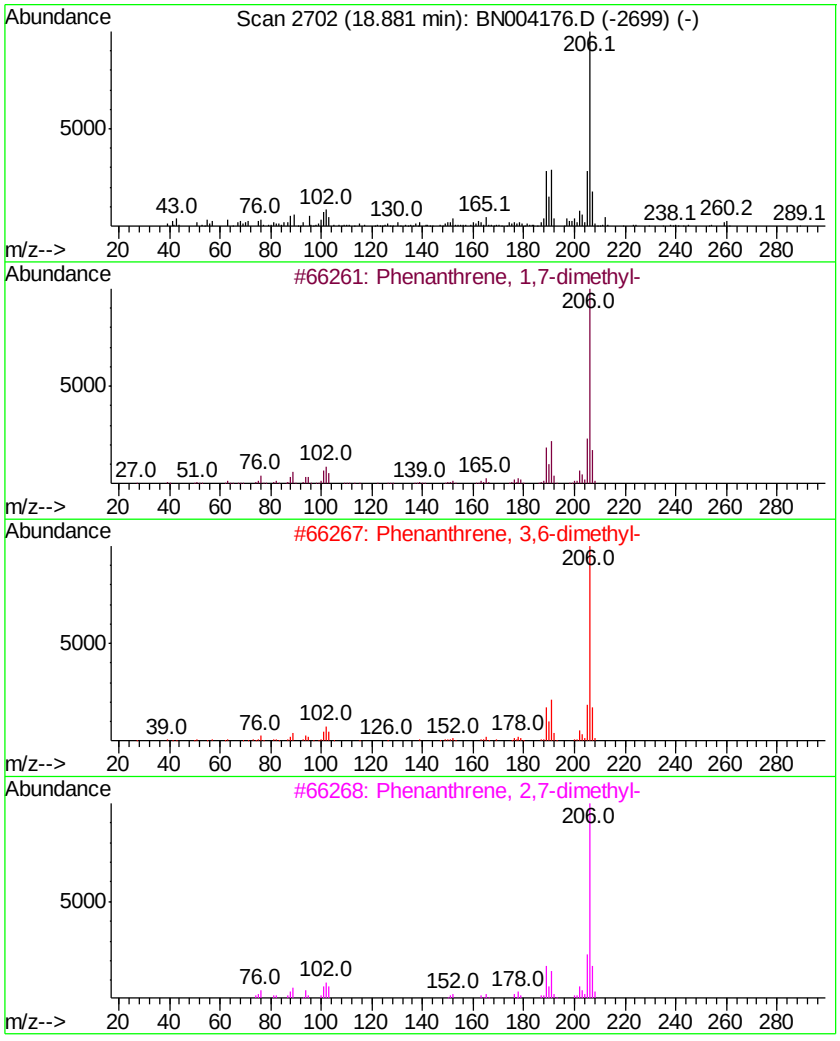
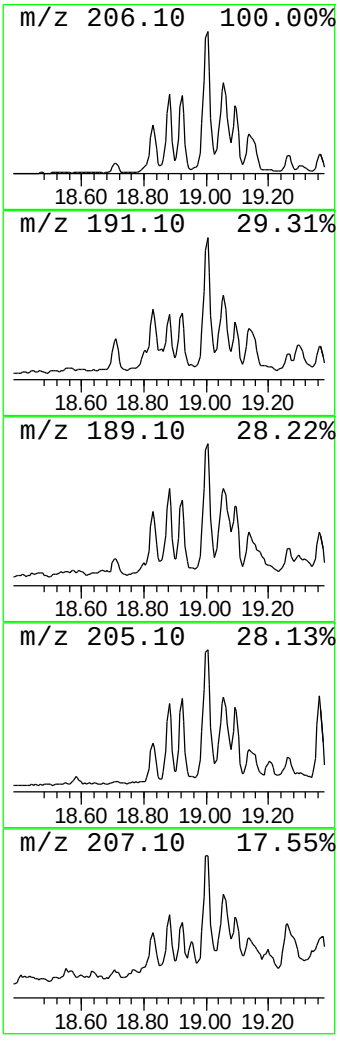
Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	2.49 ng/ul	69032	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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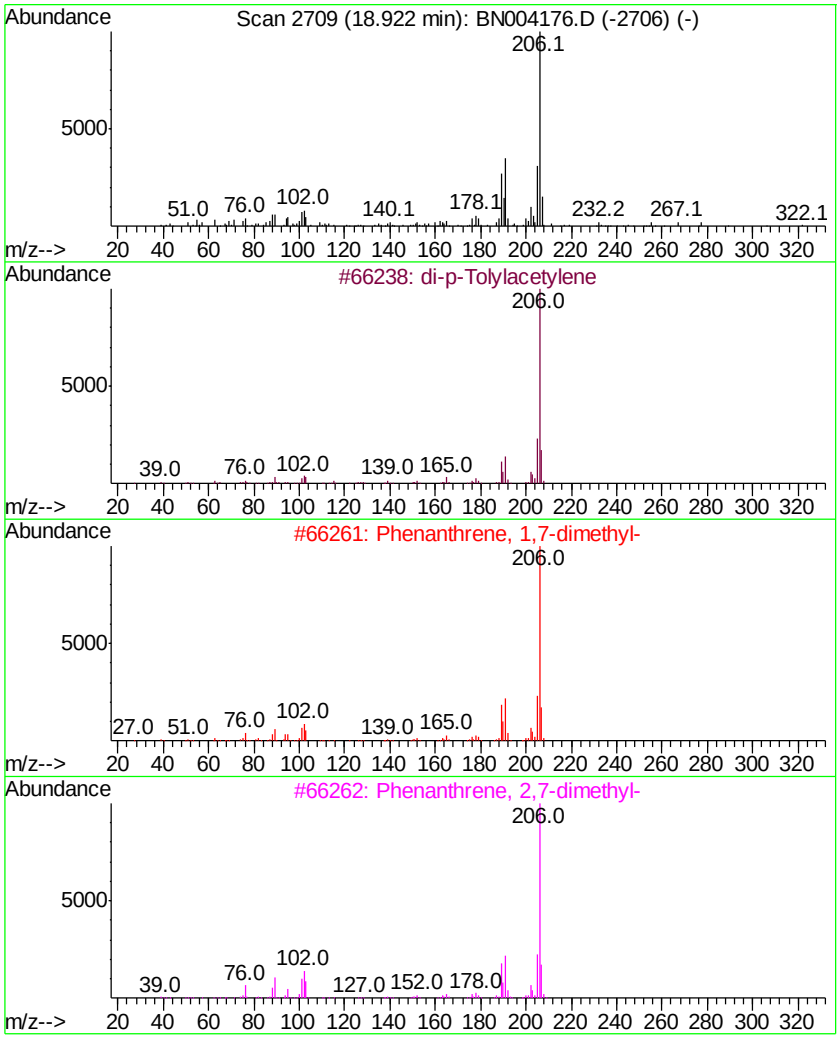
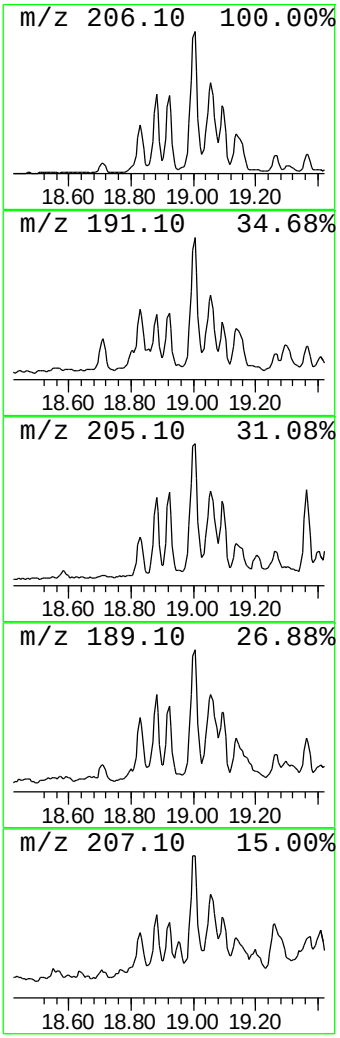
Peak Number 13 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.35 ng/ul	65223	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	72





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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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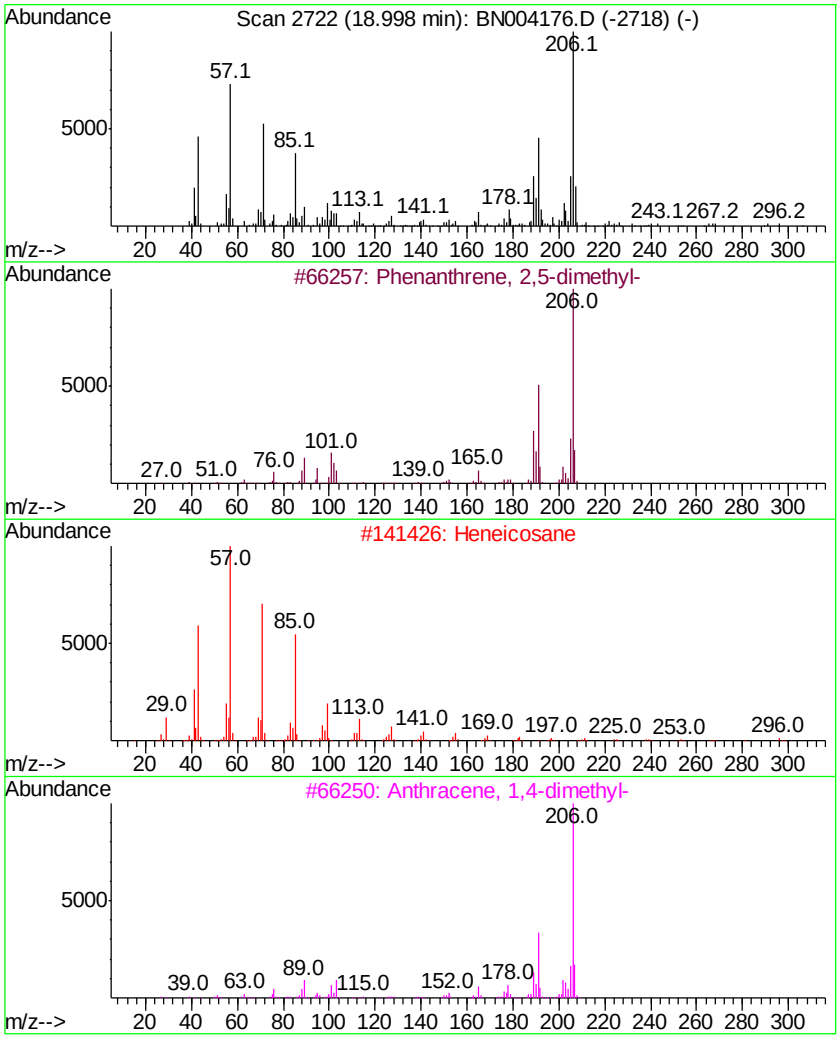
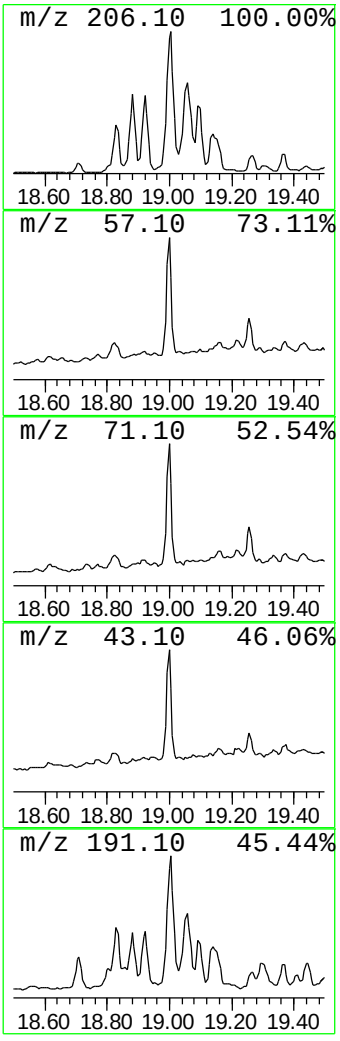
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	11.55 ng/ul	320542	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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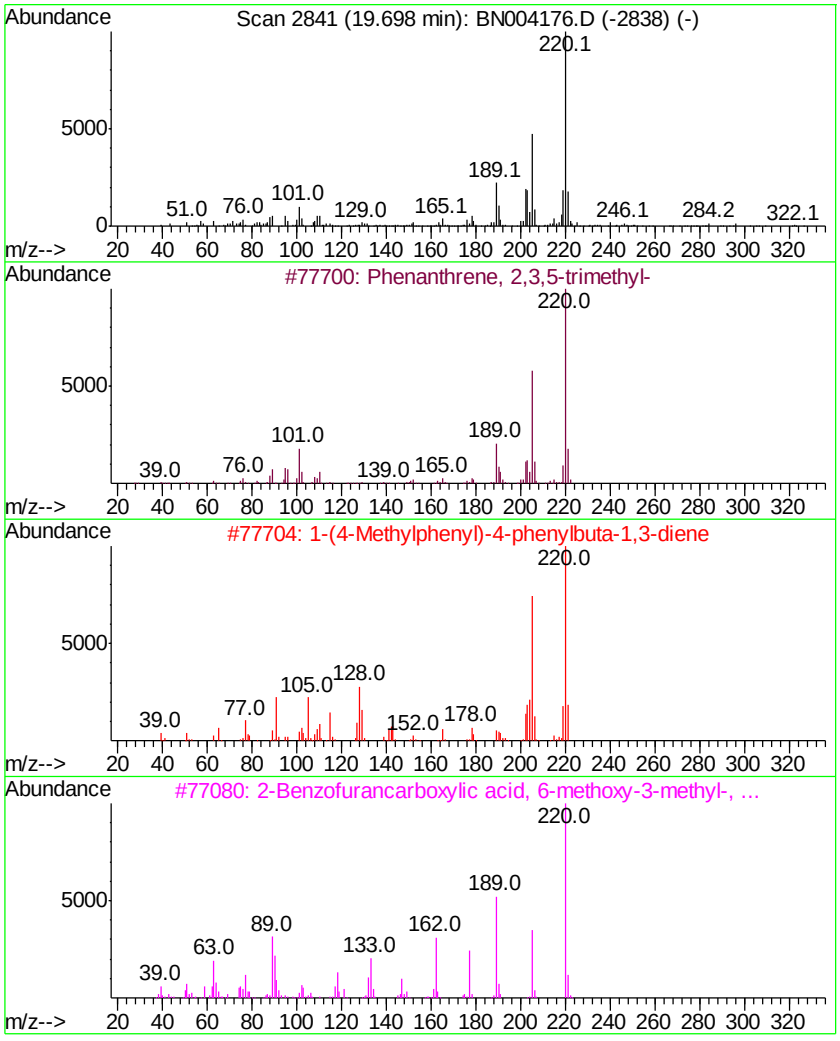
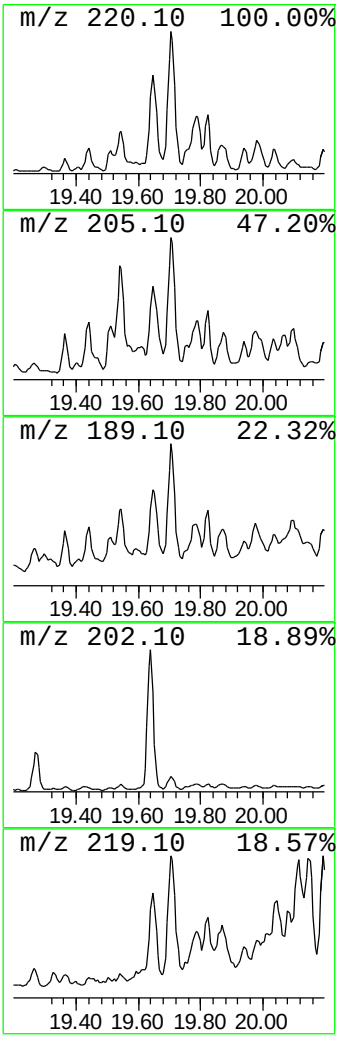
Peak Number 15 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	7.07 ng/ul	210736	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	86
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	74
3	2-Benzofurancarboxylic acid, 6-m...	220	C12H12O4	1000349-99-8	50
4	1,4-Dimethoxy-6,7,8,9-tetrahydro...	220	C13H16O3	079381-09-2	49
5	Benzenamine, 4-[2-oxo-2-(1-pyrro...	220	C12H16N2O2	1000327-54-6	42





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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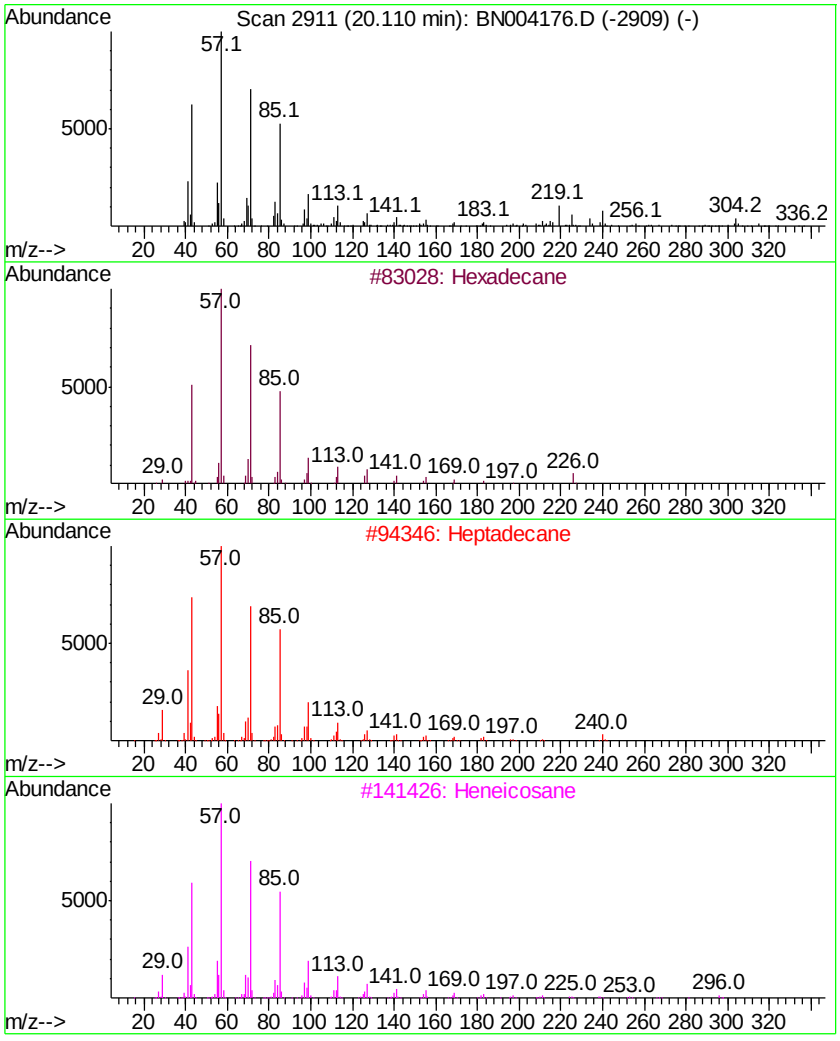
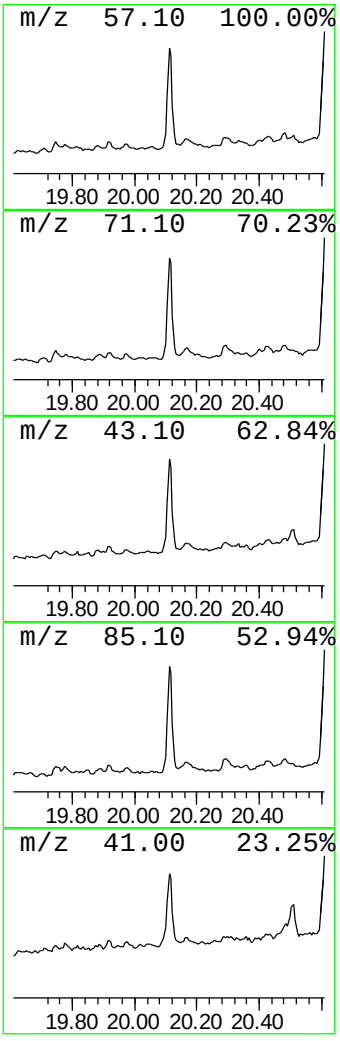
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	6.34 ng/ul	188915	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heneicosane	296	C21H44	000629-94-7	81
4	Hexacosane	366	C26H54	000630-01-3	81
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	74





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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	3.60 ng/ul	107293	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
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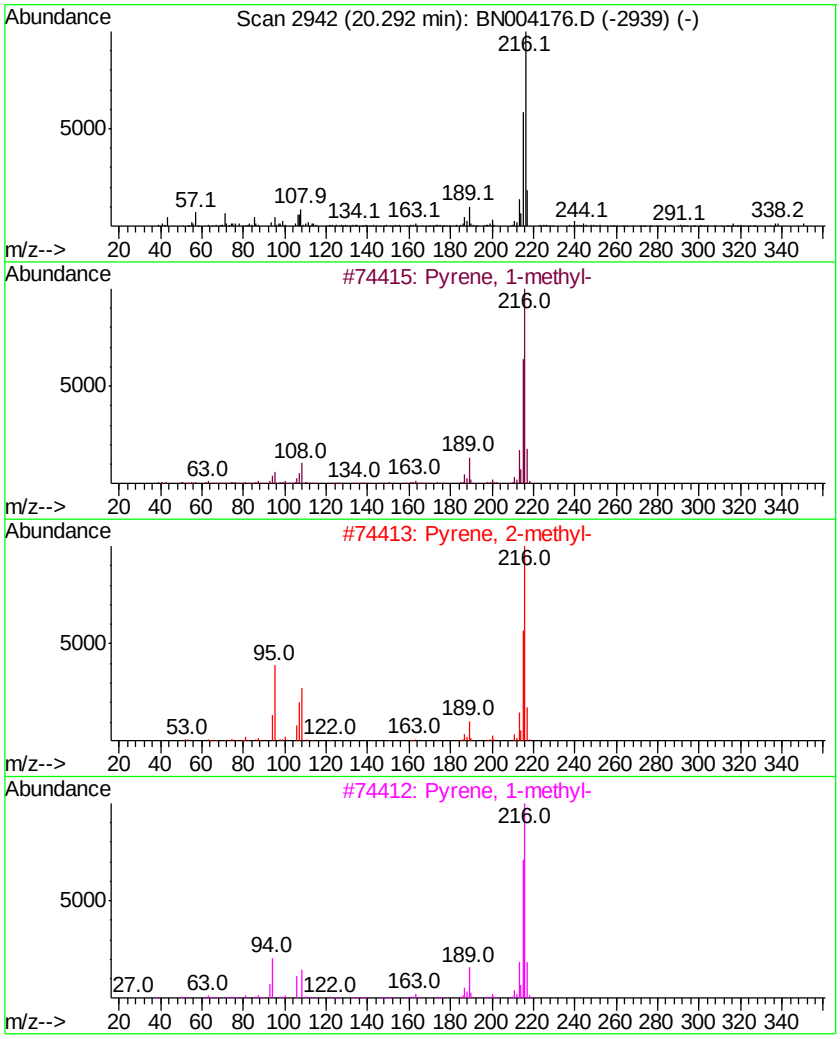
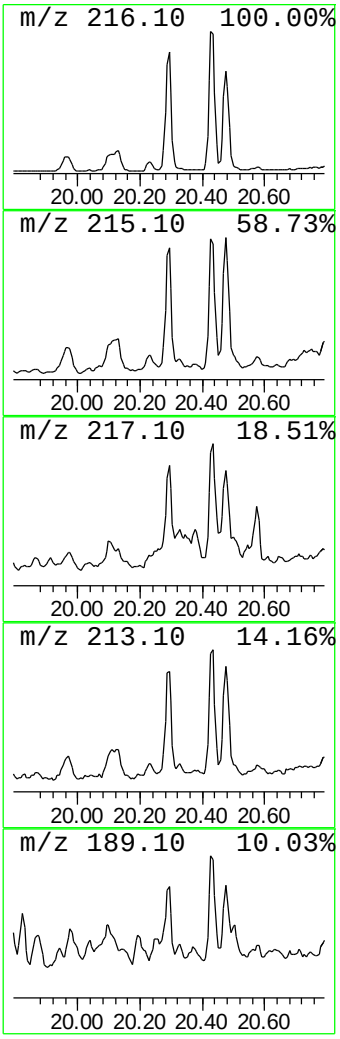
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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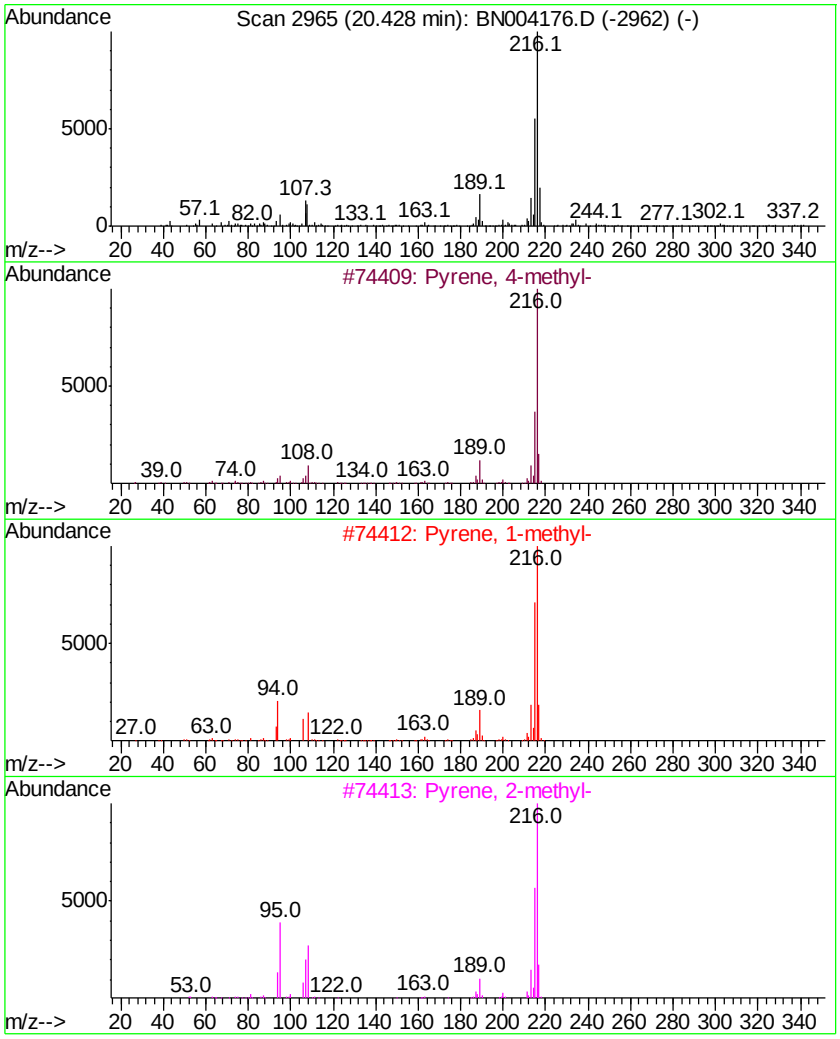
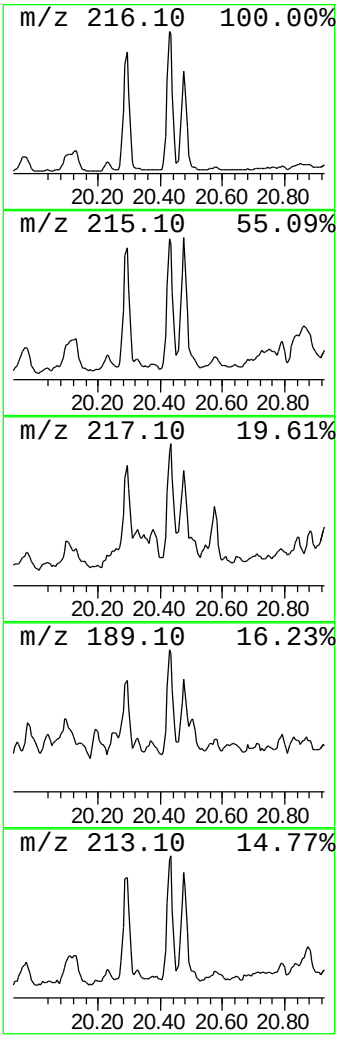
Peak Number 18 Pyrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	6.53 ng/ul	194669	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





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Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

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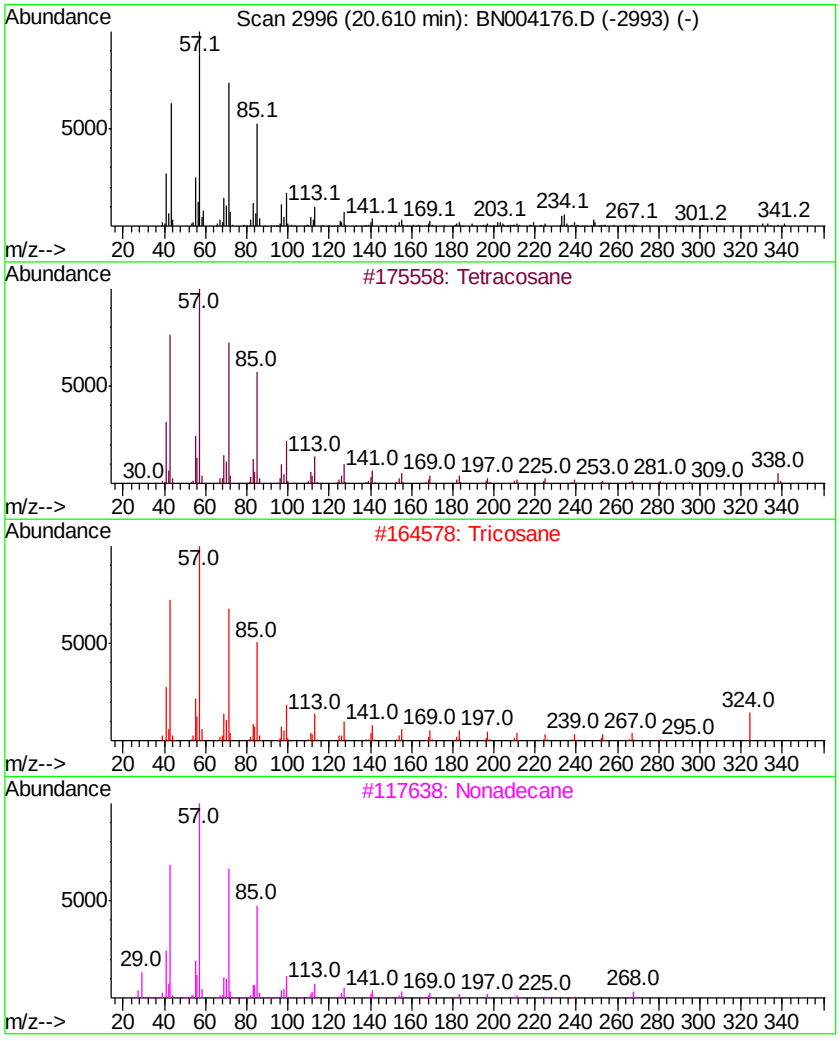
Quant Title : SVOA CALIBRATION

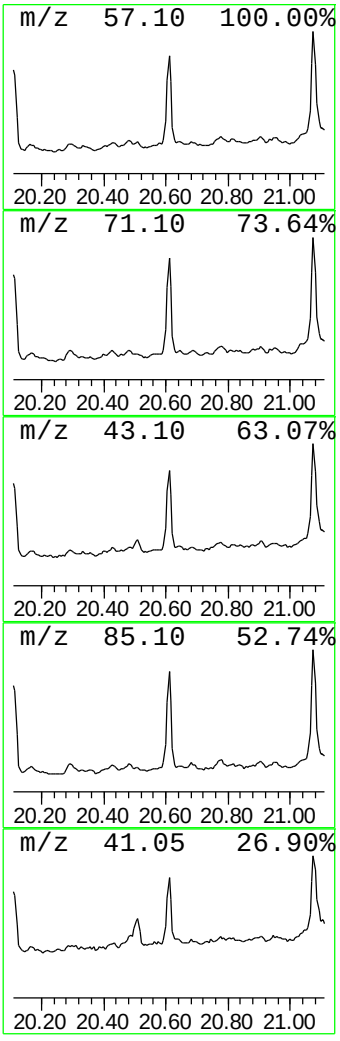
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	5.25 ng/ul	156628	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Tricosane	324	C23H48	000638-67-5	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

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Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

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Quant Title : SVOA CALIBRATION

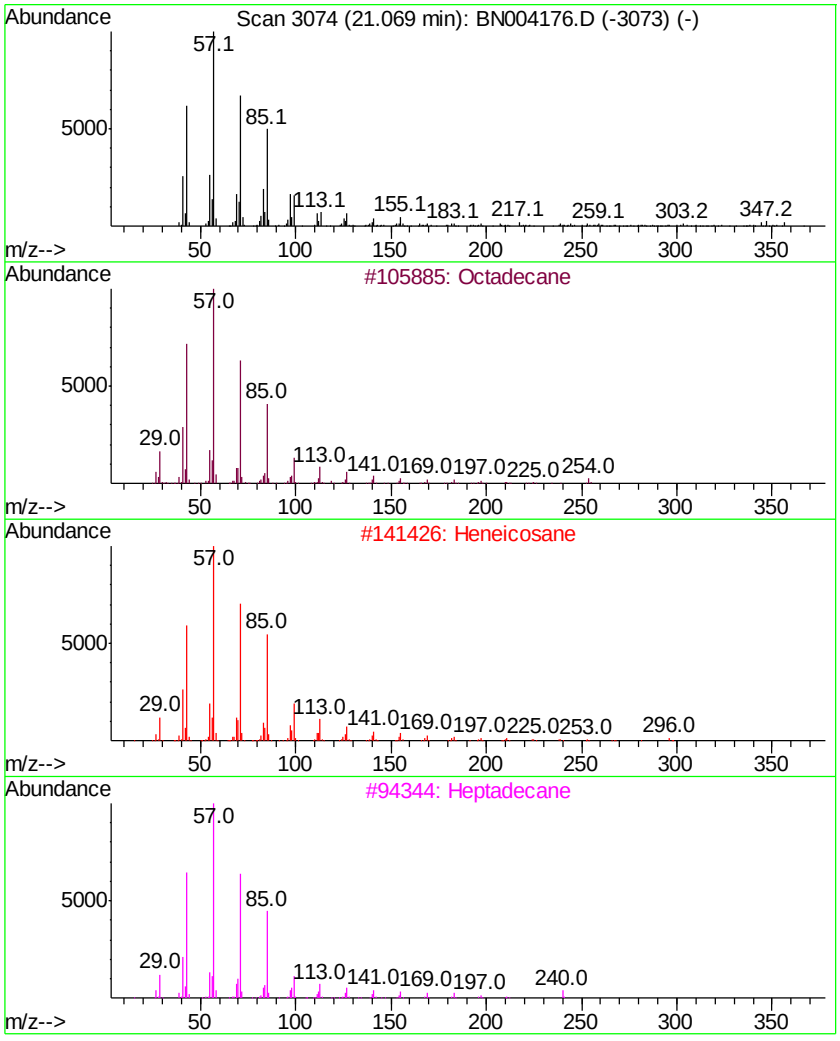
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

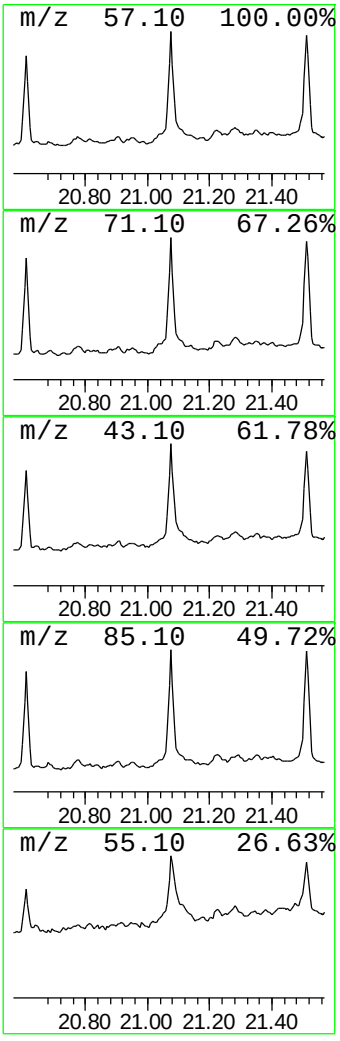
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.59 ng/ul	166596	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heneicosane	296	C21H44	000629-94-7	94
3	Heptadecane	240	C17H36	000629-78-7	92
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
5	Tritetracontane	605	C43H88	007098-21-7	91





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Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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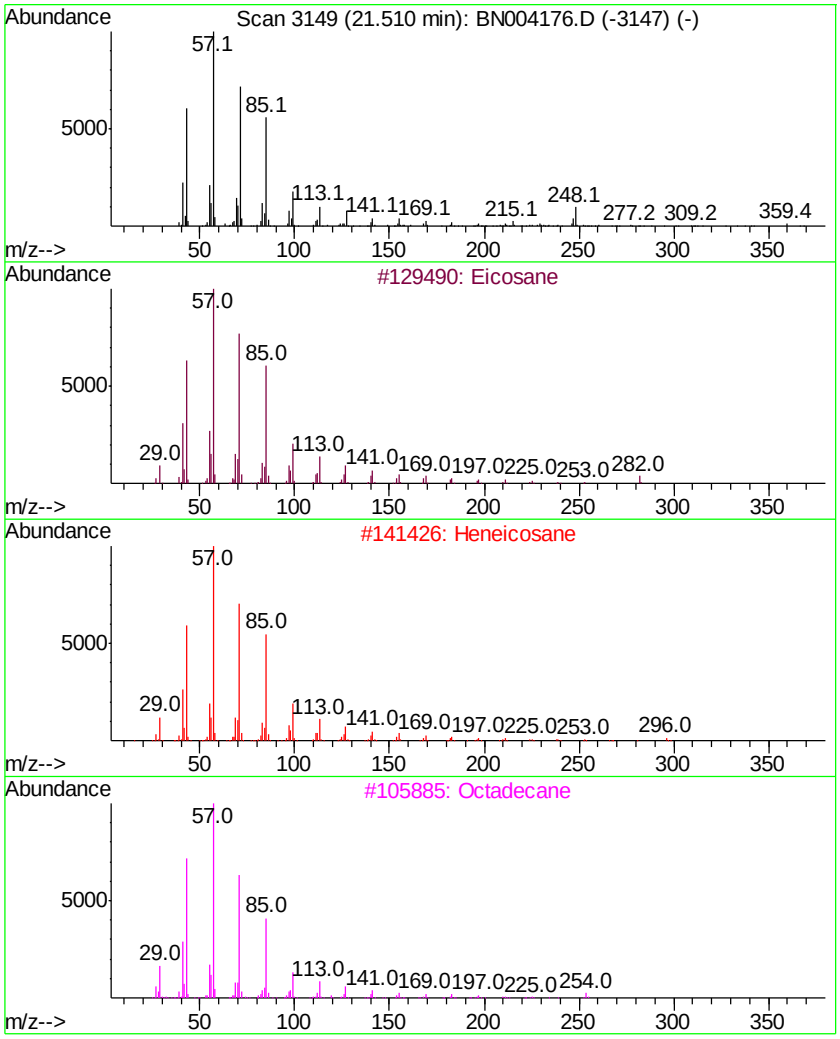
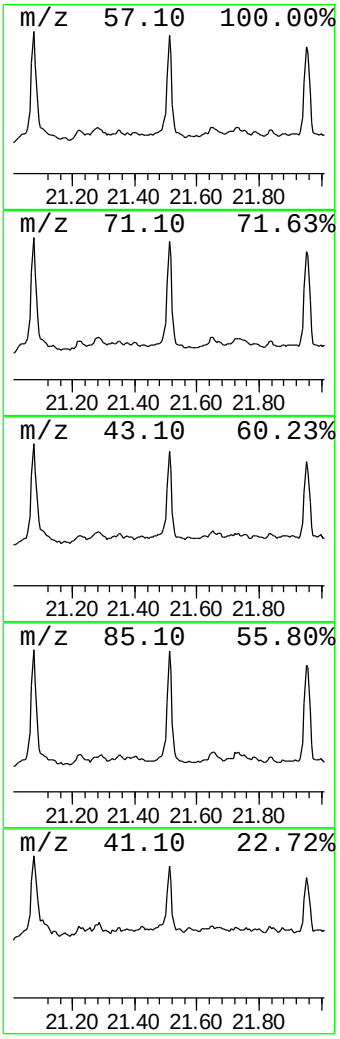
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	6.75 ng/ul	201137	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octadecane	254	C18H38	000593-45-3	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Hexacosane	366	C26H54	000630-01-3	74





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Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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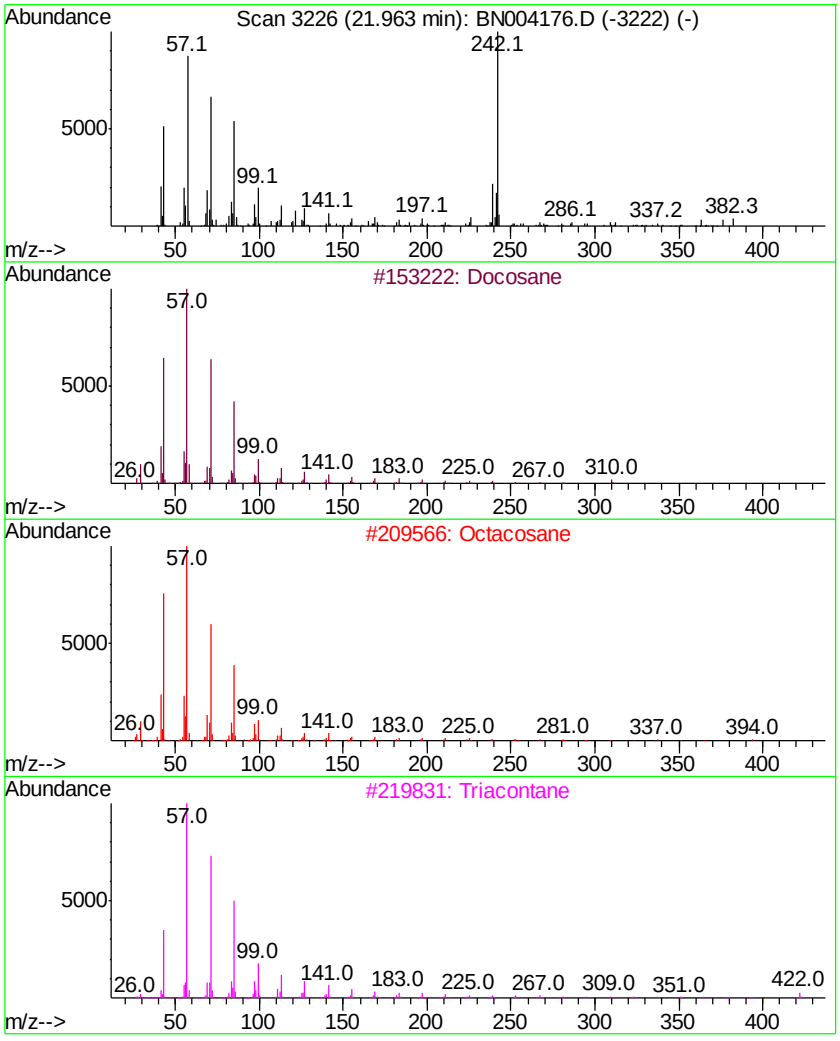
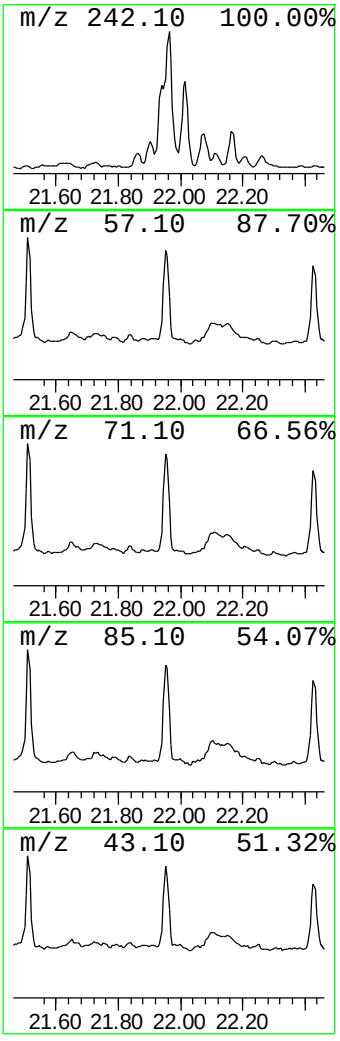
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	8.04 ng/ul	239721	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Triacontane	422	C30H62	000638-68-6	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Nonacosane	408	C29H60	000630-03-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122118\
Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	21.8	ng/ul	210972	1	7.82	193971	20.0
Naphthalene, 1,3-...	13.78	2.3	ng/ul	51408	3	14.46	446474	20.0
Naphthalene, 1,6,...	14.85	2.3	ng/ul	50722	3	14.46	446474	20.0
(DEL) Alkane: Str...	15.28	2.8	ng/ul	63500	3	14.46	446474	20.0
(DEL) Alkane: Str...	16.15	6.8	ng/ul	189025	4	17.22	554896	20.0
(DEL) Alkane: Str...	16.93	2.9	ng/ul	80865	4	17.22	554896	20.0
(DEL) Alkane: Str...	17.67	4.4	ng/ul	123255	4	17.22	554896	20.0
Phenanthrene, 1-m...	18.08	3.5	ng/ul	97028	4	17.22	554896	20.0
Anthracene, 9-met...	18.13	2.9	ng/ul	79540	4	17.22	554896	20.0
1H-Cyclopropa[l]p...	18.27	3.0	ng/ul	82176	4	17.22	554896	20.0
(DEL) Alkane: Str...	18.36	3.8	ng/ul	104911	4	17.22	554896	20.0
Phenanthrene, 1,7...	18.88	2.5	ng/ul	69032	4	17.22	554896	20.0
di-p-Tolylacetylene	18.92	2.4	ng/ul	65223	4	17.22	554896	20.0
Phenanthrene, 2,5...	19.00	11.6	ng/ul	320542	4	17.22	554896	20.0
Phenanthrene, 2,3...	19.70	7.1	ng/ul	210736	5	21.40	596350	20.0
(DEL) Alkane: Str...	20.11	6.3	ng/ul	188915	5	21.40	596350	20.0
Pyrene, 1-methyl-	20.29	3.6	ng/ul	107293	5	21.40	596350	20.0
Pyrene, 4-methyl-	20.43	6.5	ng/ul	194669	5	21.40	596350	20.0
(DEL) Alkane: Str...	20.61	5.3	ng/ul	156628	5	21.40	596350	20.0
(DEL) Alkane: Str...	21.07	5.6	ng/ul	166596	5	21.40	596350	20.0
(DEL) Alkane: Str...	21.51	6.8	ng/ul	201137	5	21.40	596350	20.0
(DEL) Alkane: Str...	21.96	8.0	ng/ul	239721	5	21.40	596350	20.0