LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

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_M\METHODS\SOM02.2-EPA-BM061515.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	2.810	15	21	25	rVV	55171	108371	5.20%	0.357%
2	2.852	25	28	30	rVV	72771	90035	4.32%	0.297%
3	2.887	30	34	40	rVV	1523167	2082425	100.00%	6.865%
4	2.934	40	42	52	rVB	44348	65249	3.13%	0.215%
5	3.663	160	166	174	rBV	78927	105739	5.08%	0.349%
6	5.681	503	509	515	rBV4	16473	31727	1.52%	0.105%
7	6.834	695	705	712	rVV	120687	217884	10.46%	0.718%
8	7.004	726	734	739	rBV	91845	135293	6.50%	0.446%
9	7.198	761	767	776	rVB	128591	200509	9.63%	0.661%
10	7.316	783	787	796	rVV3	21809	43314	2.08%	0.143%
11	7.669	835	847	854	rVV	263973	420468	20.19%	1.386%
12	8.210	932	939	943	rVV3	27508	45035	2.16%	0.148%
13	8.304	949	955	961	rBV4	23905	45869	2.20%	0.151%
14	8.375	961	967	972	rVV	137377	218778	10.51%	0.721%
15	8.487	983	986	993	rVV3	19015	34152	1.64%	0.113%
16	8.763	1029	1033	1038	rVV	24328	33177	1.59%	0.109%
17	8.828	1038	1044	1050	rVV	110284	188994	9.08%	0.623%
18	9.545	1160	1166	1172	rBV	105803	178280	8.56%	0.588%
19	9.857	1214	1219	1225	rVV3	37065	75785	3.64%	0.250%
20	10.081	1252	1257	1263	rVB2	174921	293138	14.08%	0.966%
21	10.457	1310	1321	1326	rVV	328116	651129	31.27%	2.146%
22	10.504	1326	1329	1336	rVV	79997	140245	6.73%	0.462%
23	10.604	1336	1346	1354	rVV2	97361	212411	10.20%	0.700%
24	11.110	1428	1432	1436	rBV4	20998	37533	1.80%	0.124%
25	11.286	1457	1462	1468	rBV7	18968	34801	1.67%	0.115%
26	11.363	1469	1475	1483	rVB6	30218	62620	3.01%	0.206%
27	11.475	1489	1494	1497	rBV	45131	69310	3.33%	0.228%
28	11.563	1504	1509	1515	rVB4	17552	32289	1.55%	0.106%
29	11.651	1518	1524	1531	rVB5	22562	44647	2.14%	0.147%
30	11.880	1554	1563	1569	rBV3	62745	121079	5.81%	0.399%
31	12.010	1582	1585	1591	rVV6	24235	46161	2.22%	0.152%
32	12.128	1595	1605	1612	rVB	144266	267343	12.84%	0.881%
33	12.351	1636	1643	1652	rVV	125227	245844	11.81%	0.810%
34	12.522	1665	1672	1675	rBV6	19559	35364	1.70%	0.117%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

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_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

35	12.845	1722	1727	1734	rVB2	66088	104384	5.01%	0.344%
36	13.139	1770	1777	1783	rVB2	94082	183913	8.83%	0.606%
37	13.345	1808	1812	1815	rBV	48733	70896	3.40%	0.234%
38	13.480	1826	1835	1846	rBV	134628	369693	17.75%	1.219%
39	13.639	1856	1862	1867	rVV	161515	319837	15.36%	1.054%
40	13.692	1867	1871	1874	rVV	116670	193194	9.28%	0.637%
41	13.733	1874	1878	1882	rVV	257360	374391	17.98%	1.234%
42	13.780	1882	1886	1893	rVV2	131509	298804	14.35%	0.985%
43	13.839	1893	1896	1899	rVV4	39221	62332	2.99%	0.205%
44	13.880	1899	1903	1906	rVV	87297	141060	6.77%	0.465%
45	13.910	1906	1908	1914	rVB5	47459	68537	3.29%	0.226%
46	14.016	1921	1926	1929	rBV	287257	440799	21.17%	1.453%
47	14.216	1955	1960	1967	rBV	129392	192337	9.24%	0.634%
48	14.322	1969	1978	1984	rBV2	456223	793740	38.12%	2.617%
49	14.386	1984	1989	1992	rBV2	50574	84947	4.08%	0.280%
50	14.533	2008	2014	2022	rVB	149322	291012	13.97%	0.959%
51	14.616	2024	2028	2031	rBV4	22655	35973	1.73%	0.119%
52	14.721	2042	2046	2053	rVB	130546	194483	9.34%	0.641%
53	14.798	2056	2059	2063	rVB	60470	74805	3.59%	0.247%
54	14.839	2063	2066	2075	rVB7	39577	80171	3.85%	0.264%
55	14.939	2079	2083	2088	rBV	51772	87873	4.22%	0.290%
56	14.992	2088	2092	2097	rVB	61817	87173	4.19%	0.287%
57	15.116	2107	2113	2116	rBV3	39774	75261	3.61%	0.248%
58	15.174	2119	2123	2127	rVB	118050	155359	7.46%	0.512%
59	15.316	2142	2147	2152	rVB	326037	473260	22.73%	1.560%
60	15.368	2152	2156	2160	rVB3	63080	96466	4.63%	0.318%
61	15.416	2161	2164	2167	rBV3	30293	38825	1.86%	0.128%
62	15.539	2181	2185	2187	rBV4	26579	40906	1.96%	0.135%
63	15.580	2187	2192	2198	rVB2	104230	179569	8.62%	0.592%
64	15.668	2204	2207	2213	rVB3	64418	108140	5.19%	0.356%
65	15.792	2224	2228	2230	rBV4	38491	57274	2.75%	0.189%
66	16.057	2265	2273	2278	rBV2	227309	503726	24.19%	1.661%
67	16.727	2383	2387	2394	rVB2	78655	119457	5.74%	0.394%
68	16.827	2401	2404	2407	rVB	100294	106502	5.11%	0.351%
69	16.880	2409	2413	2423	rVB3	146212	299396	14.38%	0.987%
70	17.074	2440	2446	2449	rBV	558670	840699	40.37%	2.771%
71	17.115	2449	2453	2458	rVV	689902	977788	46.95%	3.223%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

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_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

72	17.168	2458	2462	2466	rVV2	381073	597834	28.71%	1.971%
73	17.204	2466	2468	2472	rVB	163894	192728	9.25%	0.635%
74	17.480	2511	2515	2523	rBV	100106	140483	6.75%	0.463%
75	17.562	2526	2529	2533	rVB	84531	89020	4.27%	0.293%
76	17.651	2541	2544	2548	rBV2	47381	64842	3.11%	0.214%
77	17.951	2590	2595	2599	rBV2	150578	303583	14.58%	1.001%
78	17.992	2599	2602	2609	rVB	190924	271233	13.02%	0.894%
79	18.139	2622	2627	2631	rBV2	126420	246443	11.83%	0.812%
80	18.174	2631	2633	2640	rVB	84271	110122	5.29%	0.363%
81	18.257	2644	2647	2651	rVB3	71091	78207	3.76%	0.258%
82	18.451	2677	2680	2683	rVB	80121	92565	4.45%	0.305%
83	18.492	2684	2687	2692	rVB2	76883	115007	5.52%	0.379%
84	18.874	2748	2752	2754	rBV	84384	126001	6.05%	0.415%
85	19.009	2772	2775	2781	rBV2	69372	109703	5.27%	0.362%
86	19.139	2792	2797	2802	rVB	1001412	1316884	63.24%	4.341%
87	19.474	2849	2854	2856	rBV3	593698	885594	42.53%	2.919%
88	19.504	2856	2859	2867	rVV	928295	1238045	59.45%	4.081%
89	19.574	2867	2871	2877	rVB3	72824	118937	5.71%	0.392%
90	20.298	2991	2994	2998	rBV	70142	91280	4.38%	0.301%
91	20.745	3068	3070	3078	rVB	117093	161720	7.77%	0.533%
92	21.268	3152	3159	3163	rBV3	1061035	2042974	98.11%	6.735%
93	21.303	3163	3165	3172	rVB	537845	687549	33.02%	2.266%
94	22.303	3331	3335	3348	rVB4	373159	639292	30.70%	2.107%
95	22.833	3420	3425	3430	rBV	588355	1263199	60.66%	4.164%
96	23.315	3502	3507	3511	rBV	420350	732258	35.16%	2.414%
97	23.362	3512	3515	3518	rVV2	305327	487186	23.40%	1.606%
98	23.409	3519	3523	3529	rVB	581457	978031	46.97%	3.224%
99	23.503	3534	3539	3544	rBV	470575	859003	41.25%	2.832%
100	25.756	3918	3922	3932	rVB2	410561	1057608	50.79%	3.486%

Sum of corrected areas: 30335311

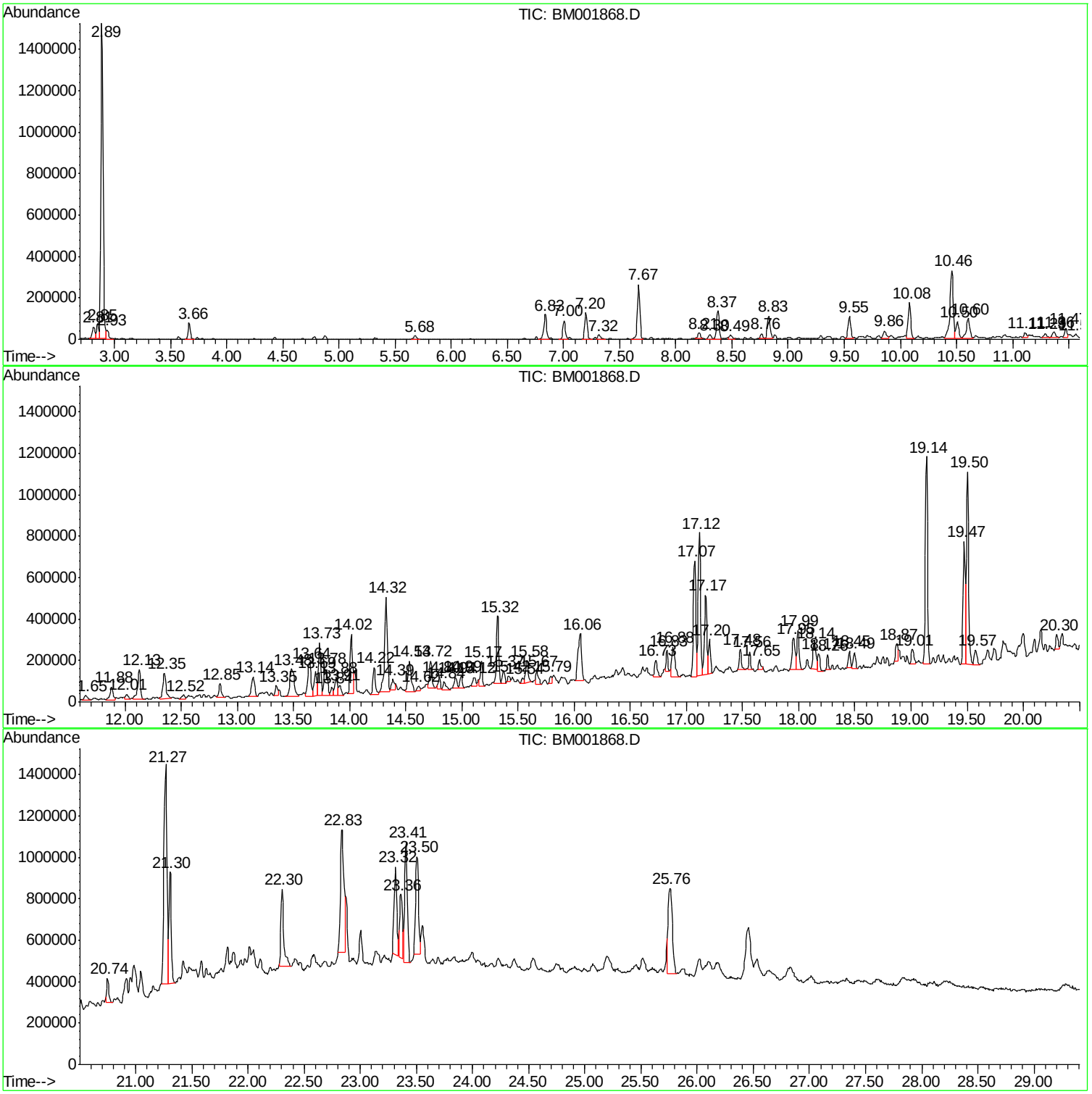
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

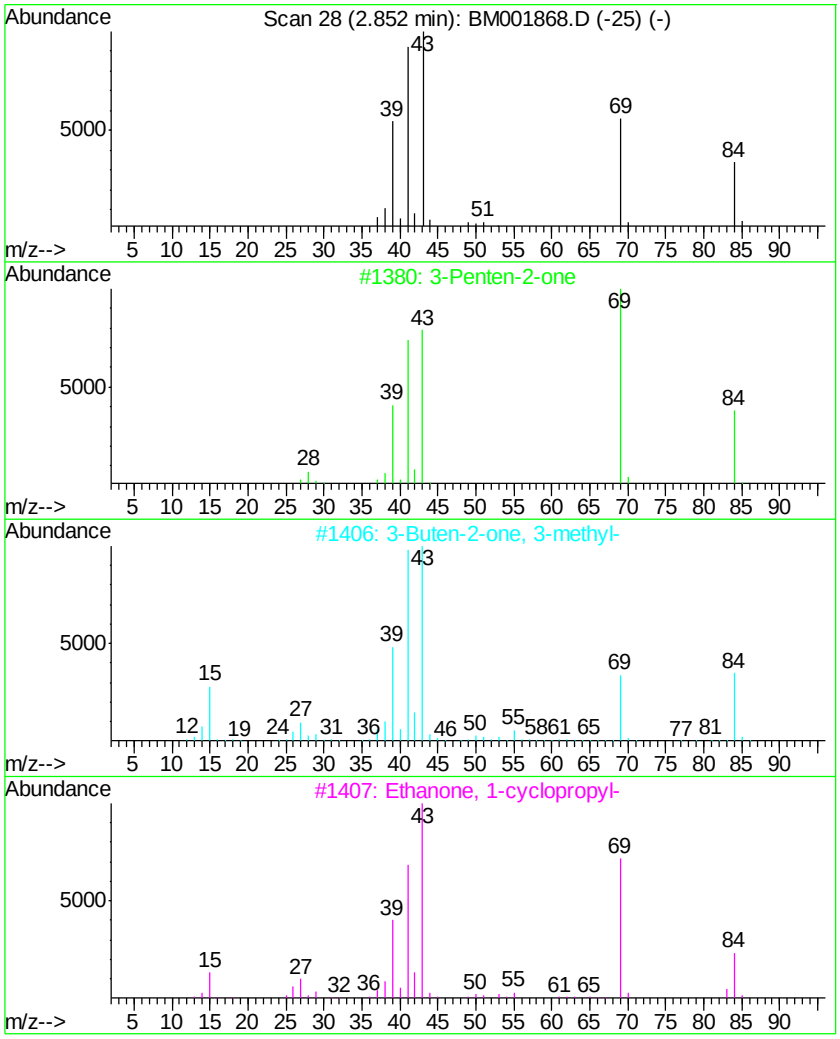
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

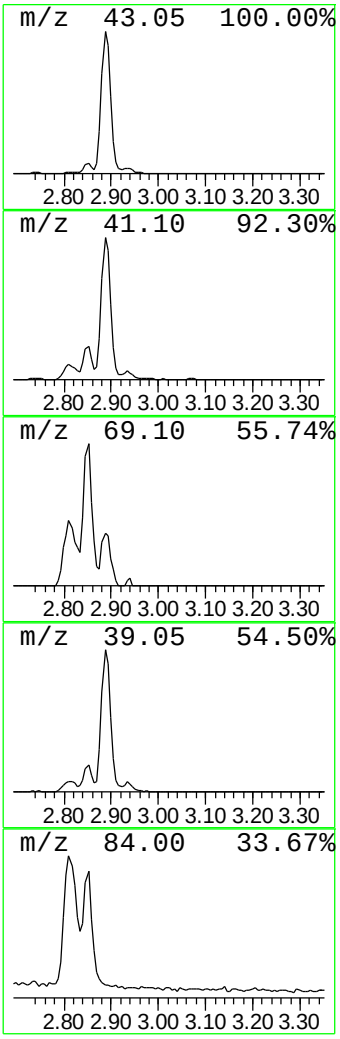
****

Peak Number 2 3-Penten-2-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	4.28 ng/ul	90035	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one	84	C5H8O	000625-33-2	87
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	86
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	53
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	47
5	2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

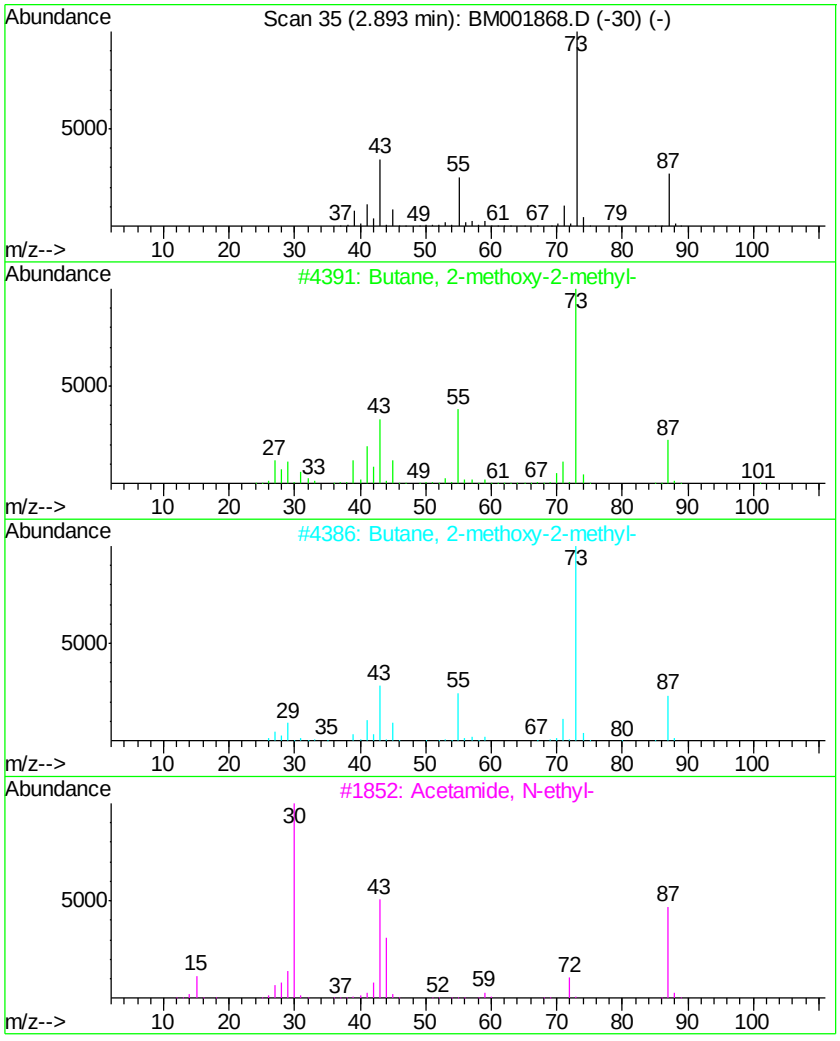
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

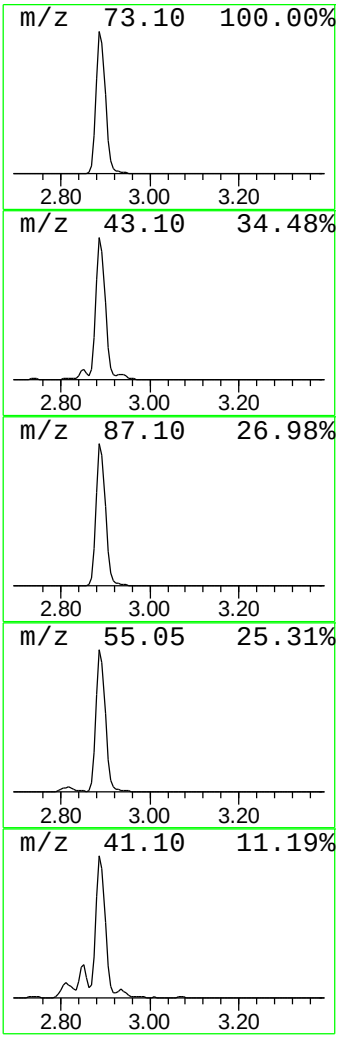
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	99.05 ng/ul	2082430	1,4-Dichlorobenzene-d4	7.67

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	78
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

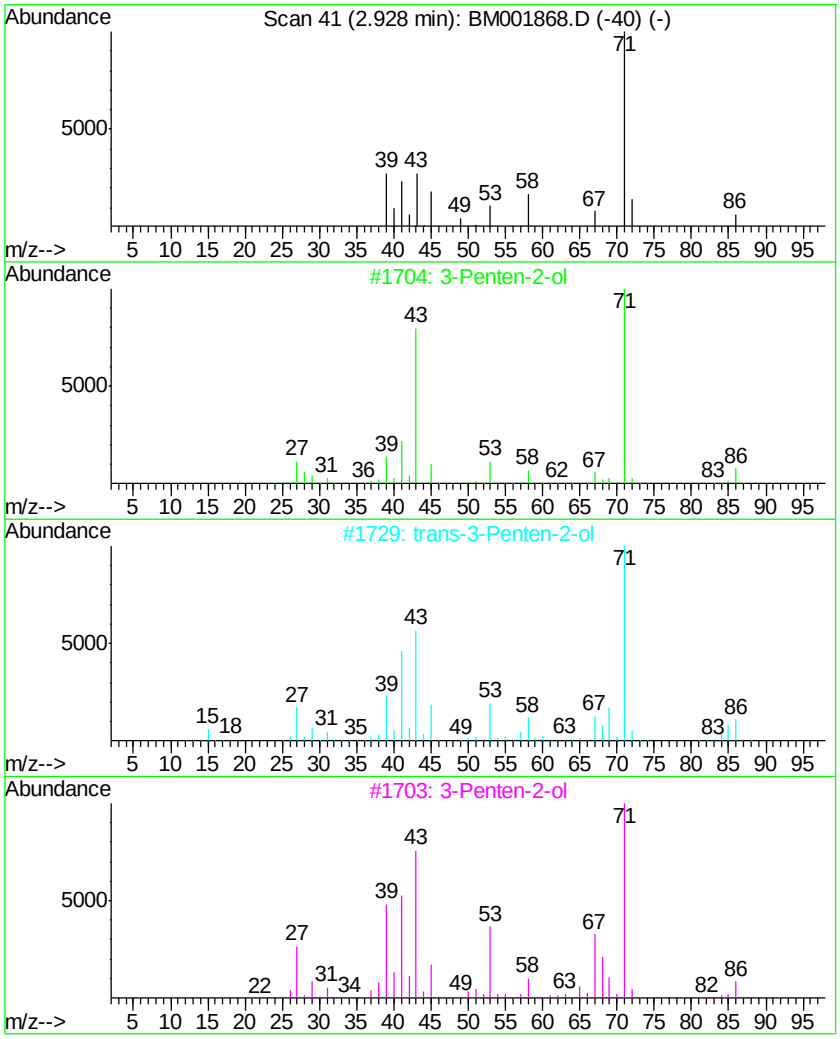
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

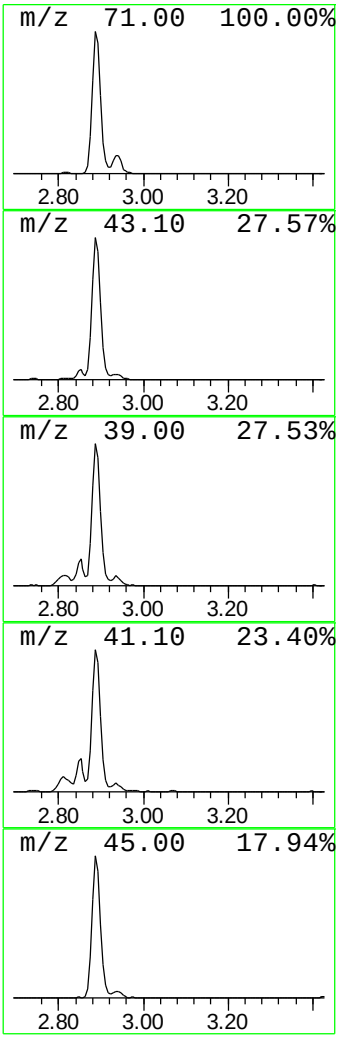
****

Peak Number 4 3-Penten-2-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	3.10 ng/ul	65249	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	59
2	trans-3-Penten-2-ol	86	C5H10O	003899-34-1	58
3	3-Penten-2-ol	86	C5H10O	001569-50-2	50
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

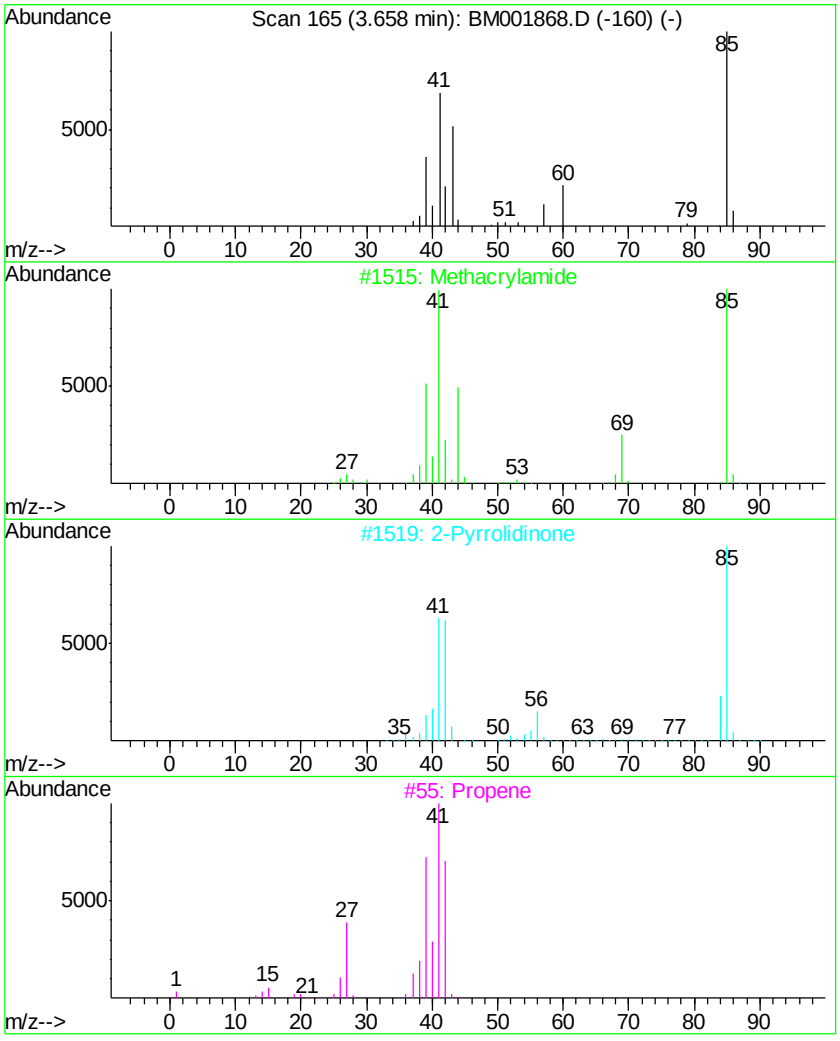
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

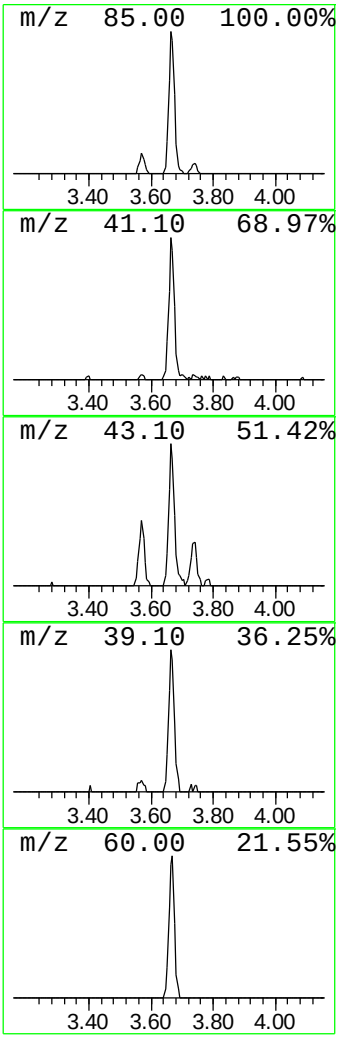
****

Peak Number 5 Methacrylamide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	5.03 ng/ul	105739	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	50
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
3	Propene	42	C3H6	000115-07-1	9
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

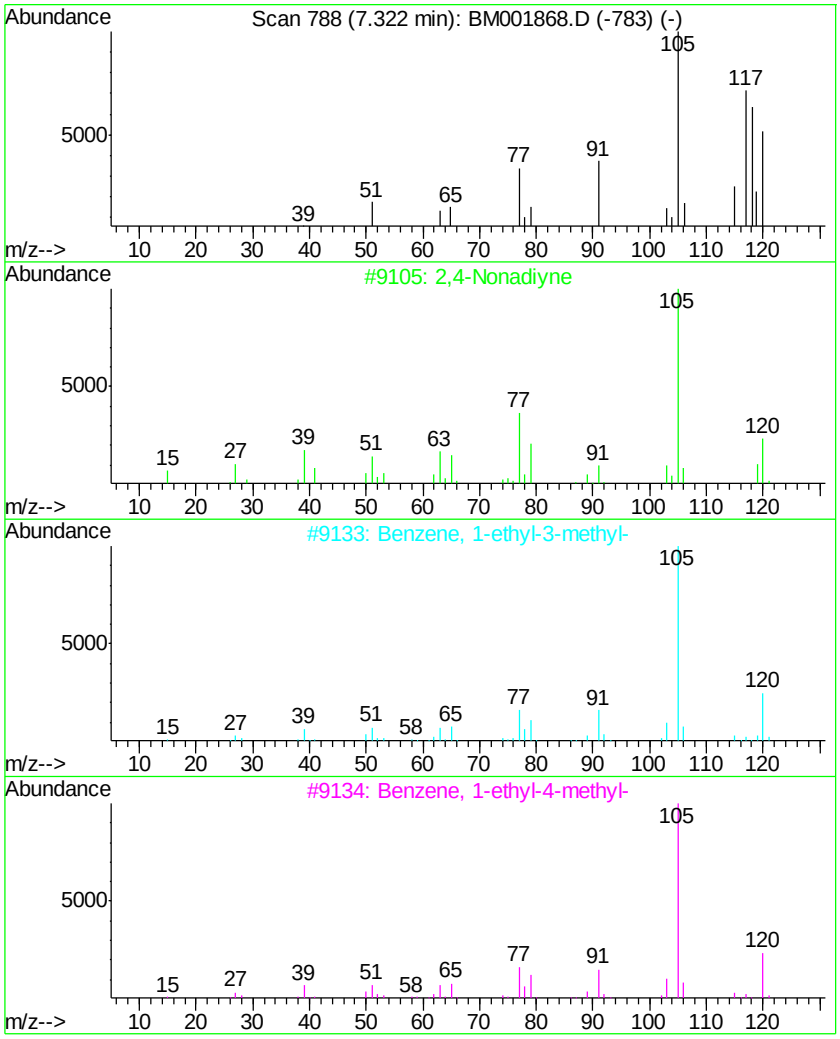
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

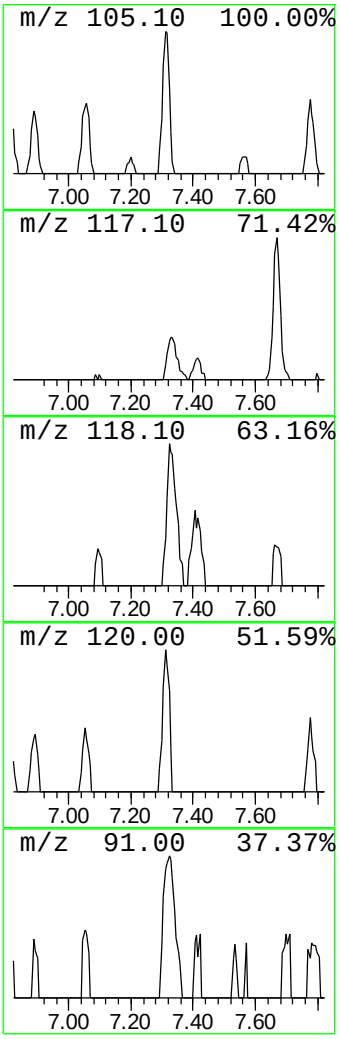
****

Peak Number 6 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	2.06 ng/ul	43314	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadiyne	120	C9H12	063621-15-8	49
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	47
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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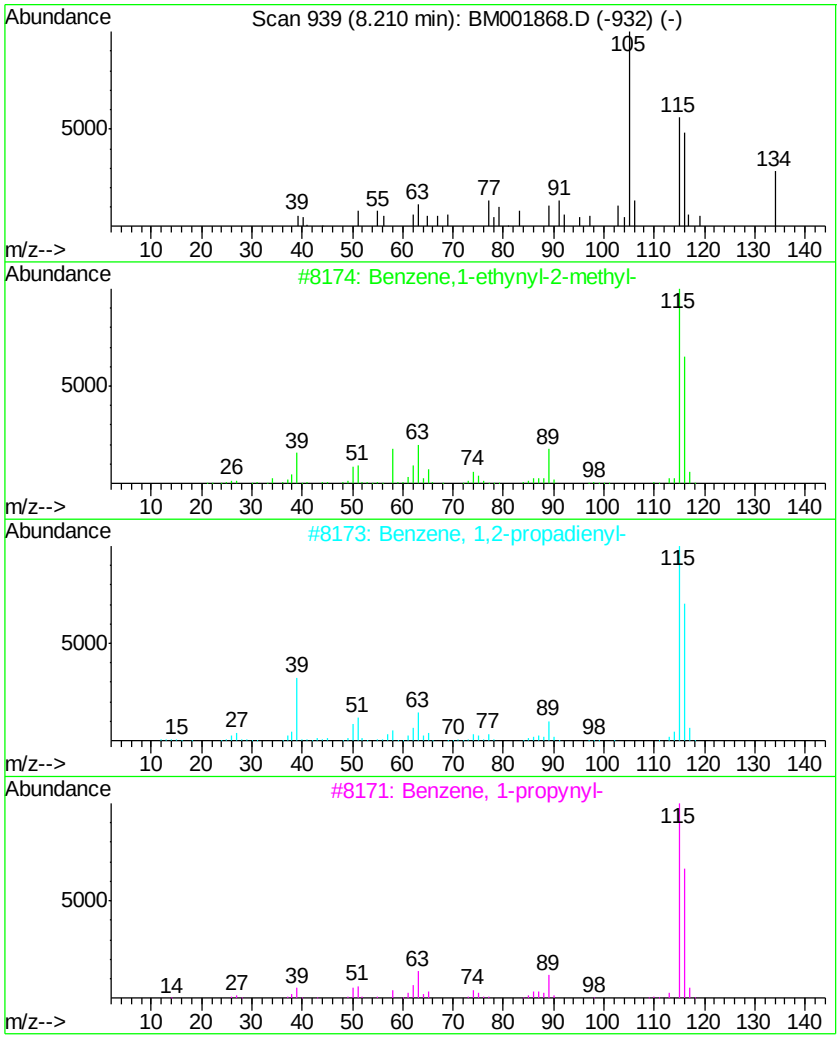
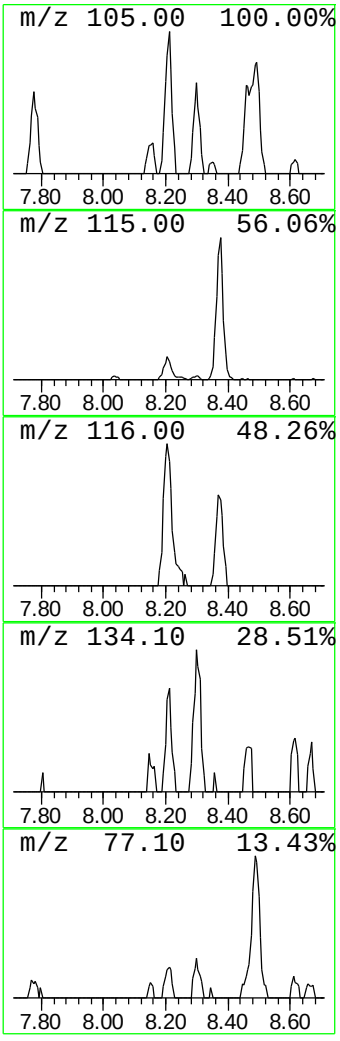
Peak Number 7 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	2.14 ng/ul	45035	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	46
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	46
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	43
4	2-Tolyloxirane	134	C9H10O	002783-26-8	42
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38





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Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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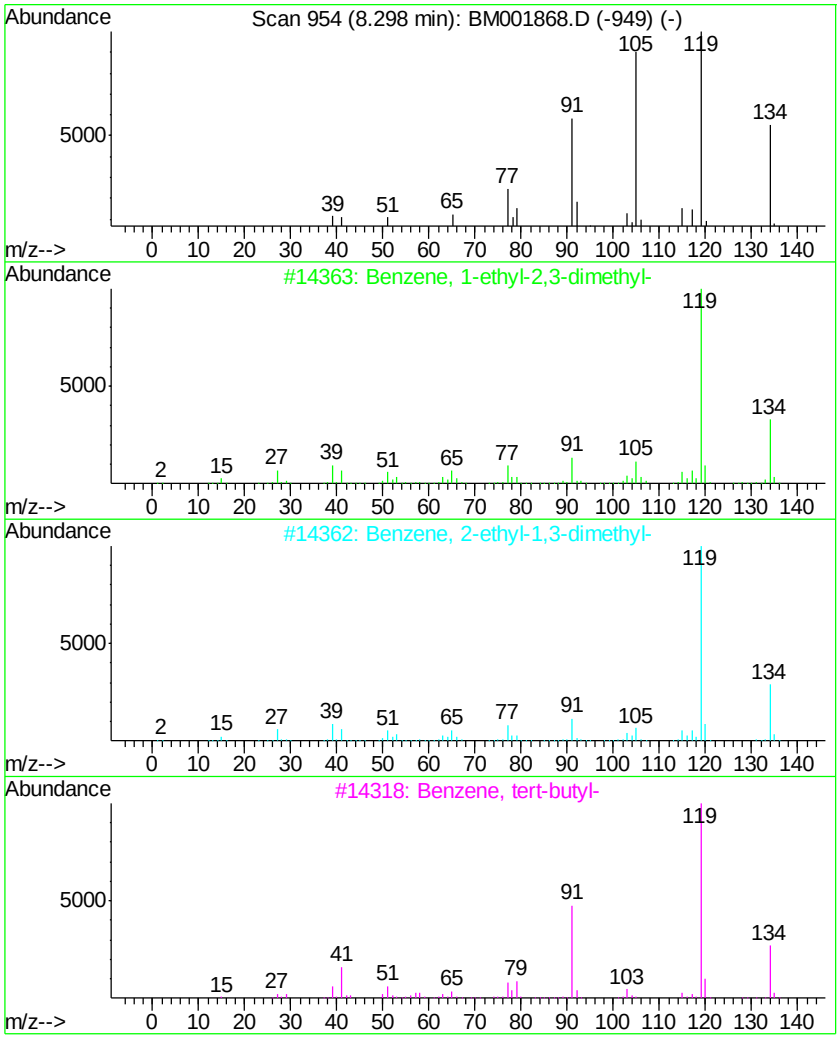
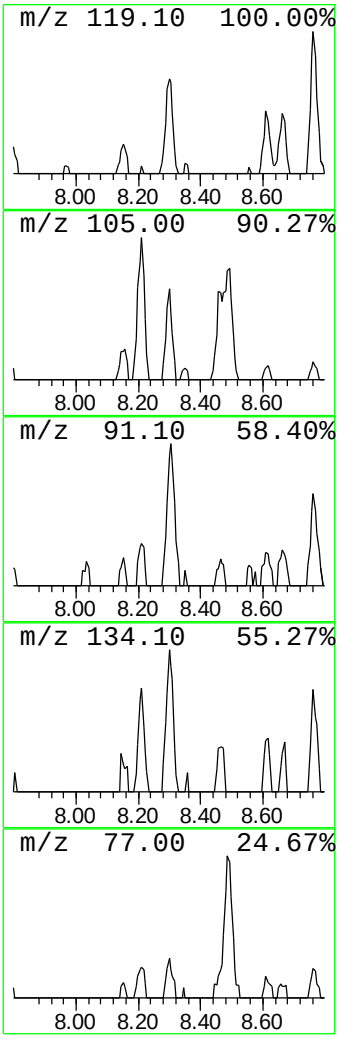
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	2.18 ng/ul	45869	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	58
4	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	50
5	trans-Verbenol	152	C10H16O	1000292-86-3	50





Library Search Compound Report

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Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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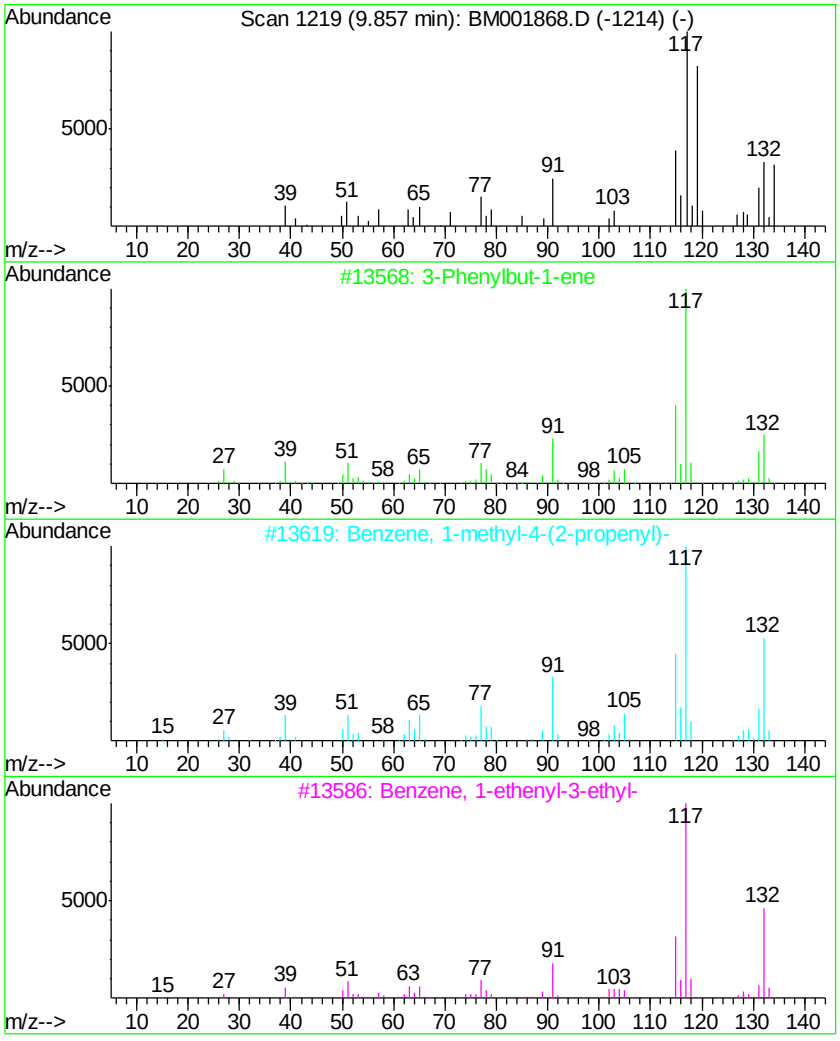
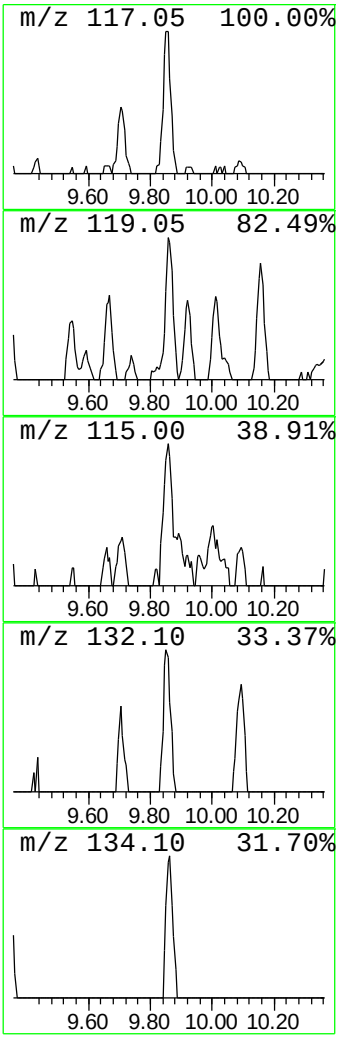
Peak Number 9 3-Phenylbut-1-ene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.33 ng/ul	75785	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	53
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	53





Library Search Compound Report

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Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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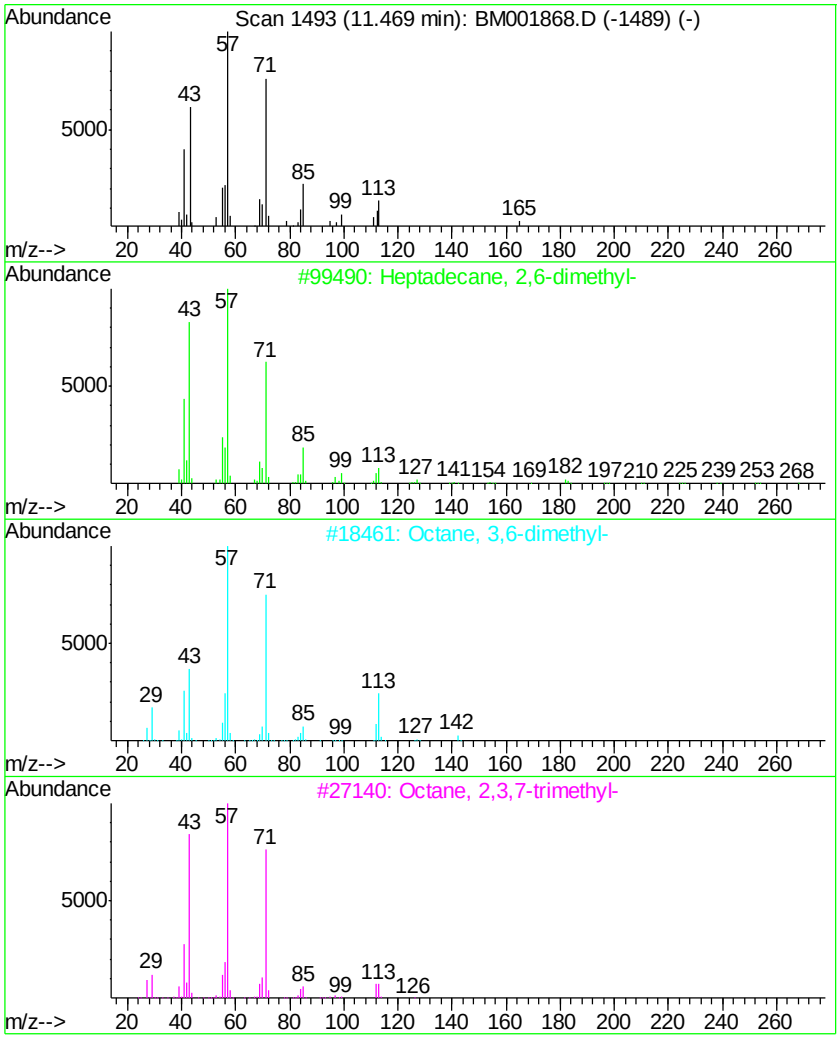
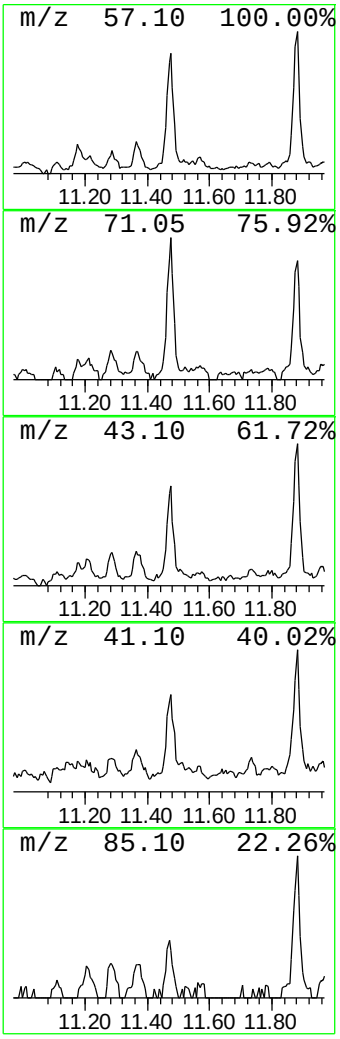
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.13 ng/ul	69310	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5	Hexadecane	226	C16H34	000544-76-3	59





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Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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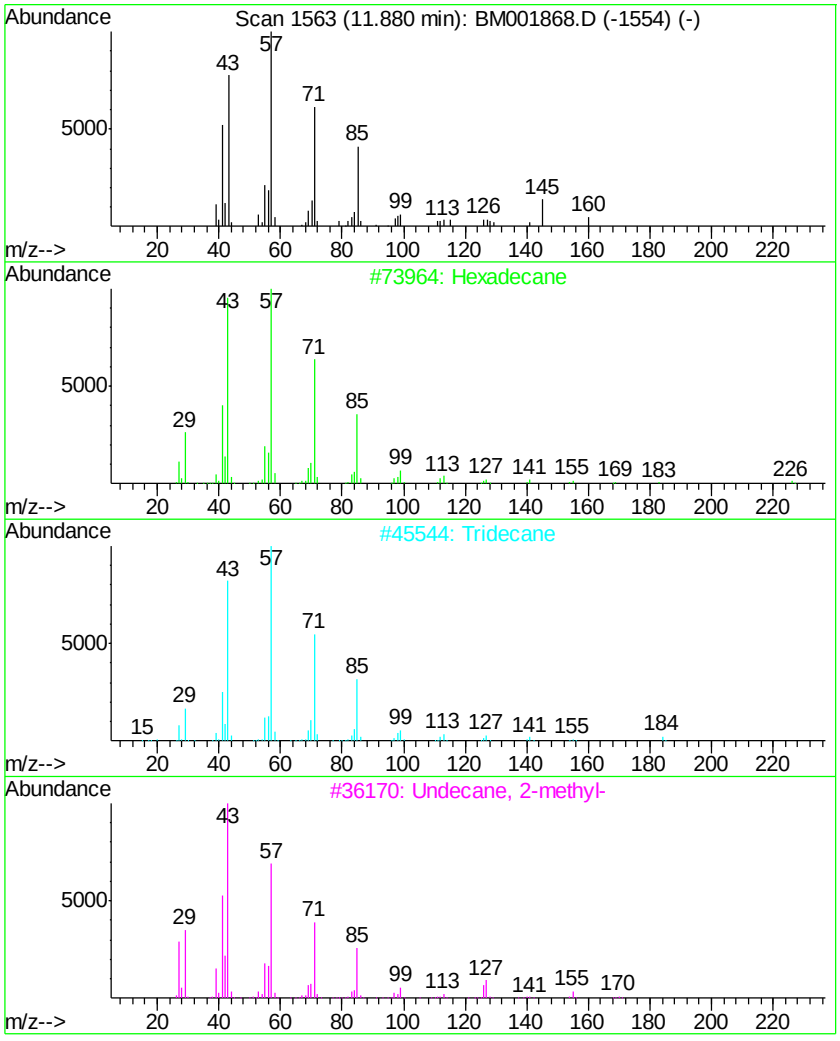
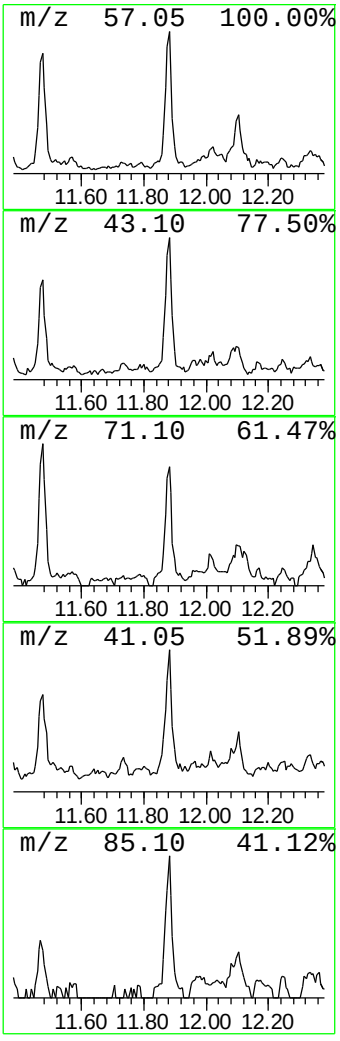
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.72 ng/ul	121079	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Tridecane	184	C13H28	000629-50-5	72
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
4	Eicosane	282	C20H42	000112-95-8	64
5	Tetradecane	198	C14H30	000629-59-4	64





Library Search Compound Report

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Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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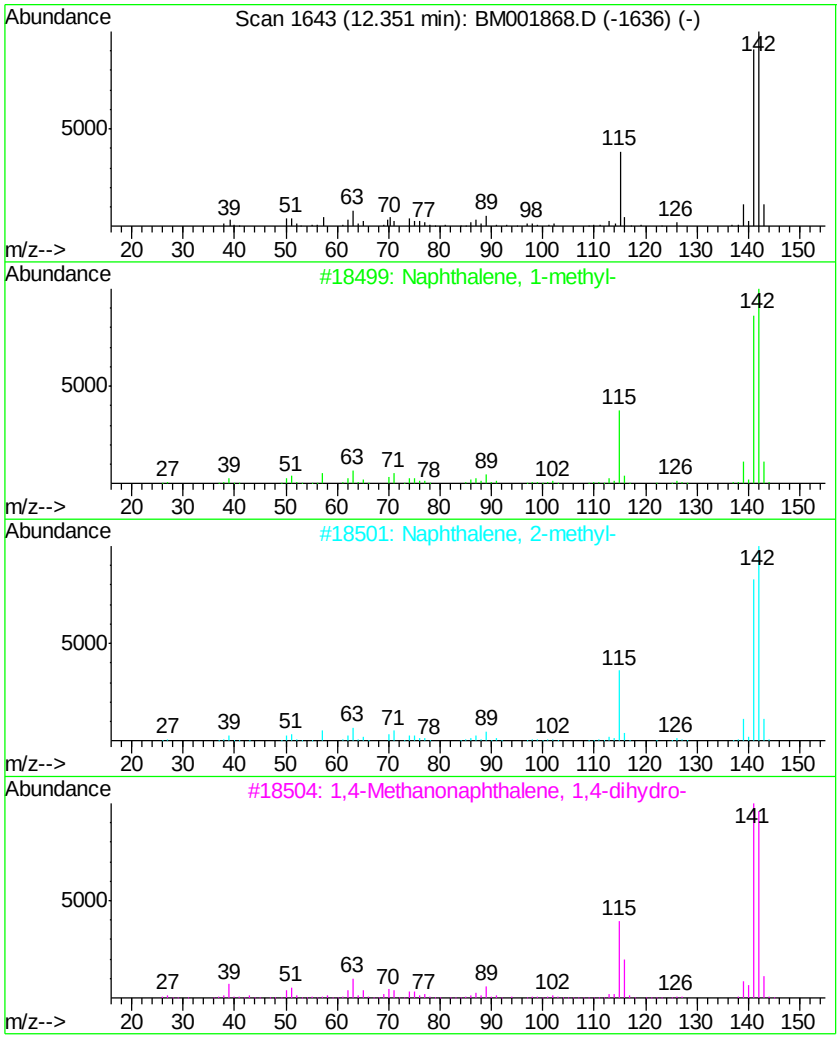
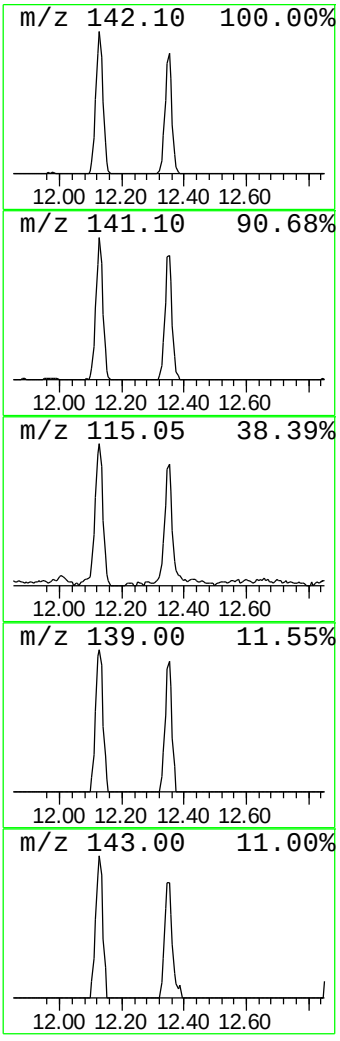
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	7.55 ng/ul	245844	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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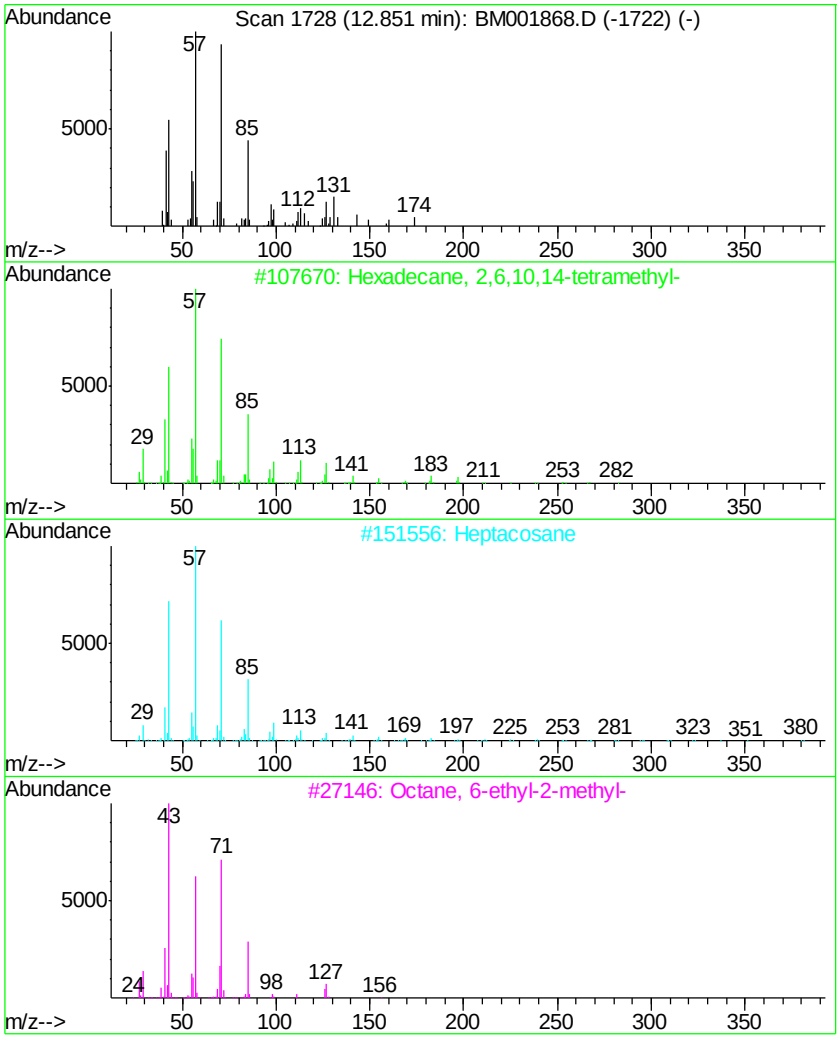
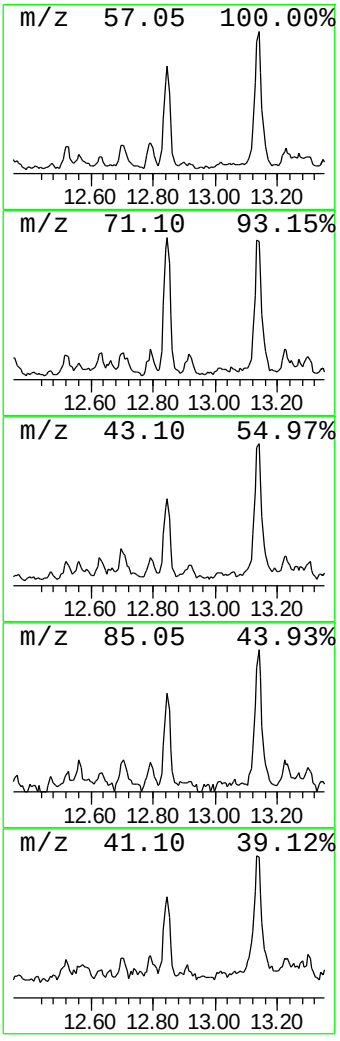
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.63 ng/ul	104384	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Heptacosane	380	C27H56	000593-49-7	64
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





Library Search Compound Report

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Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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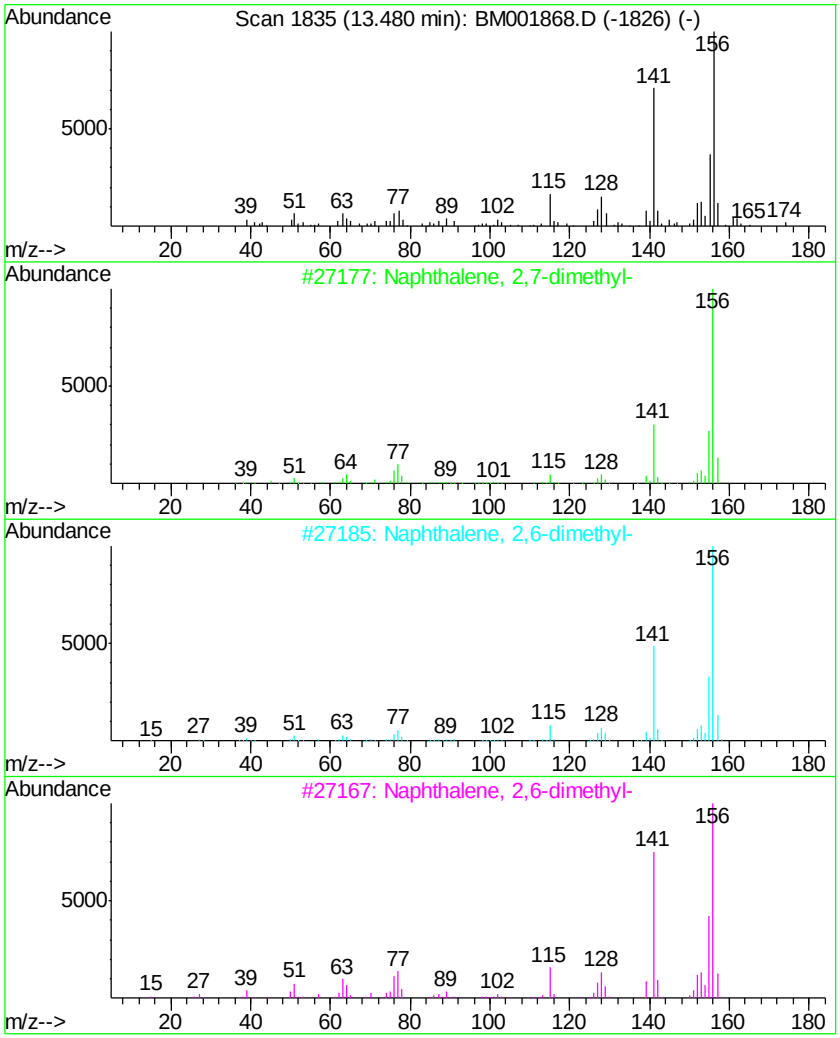
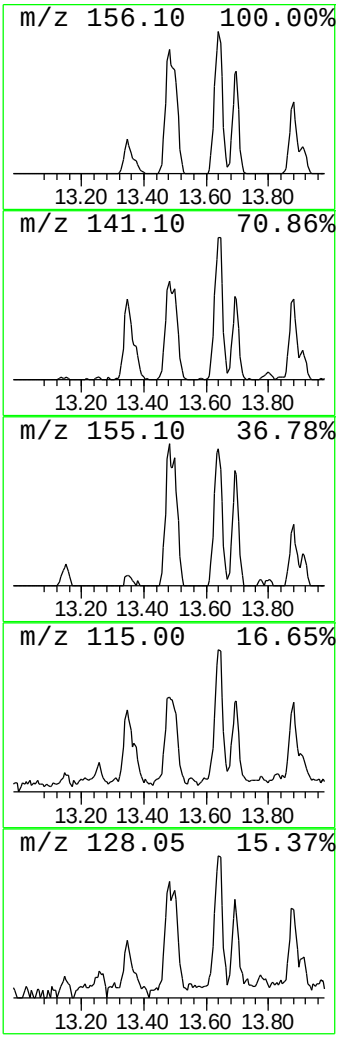
Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	9.32 ng/ul	369693	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	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, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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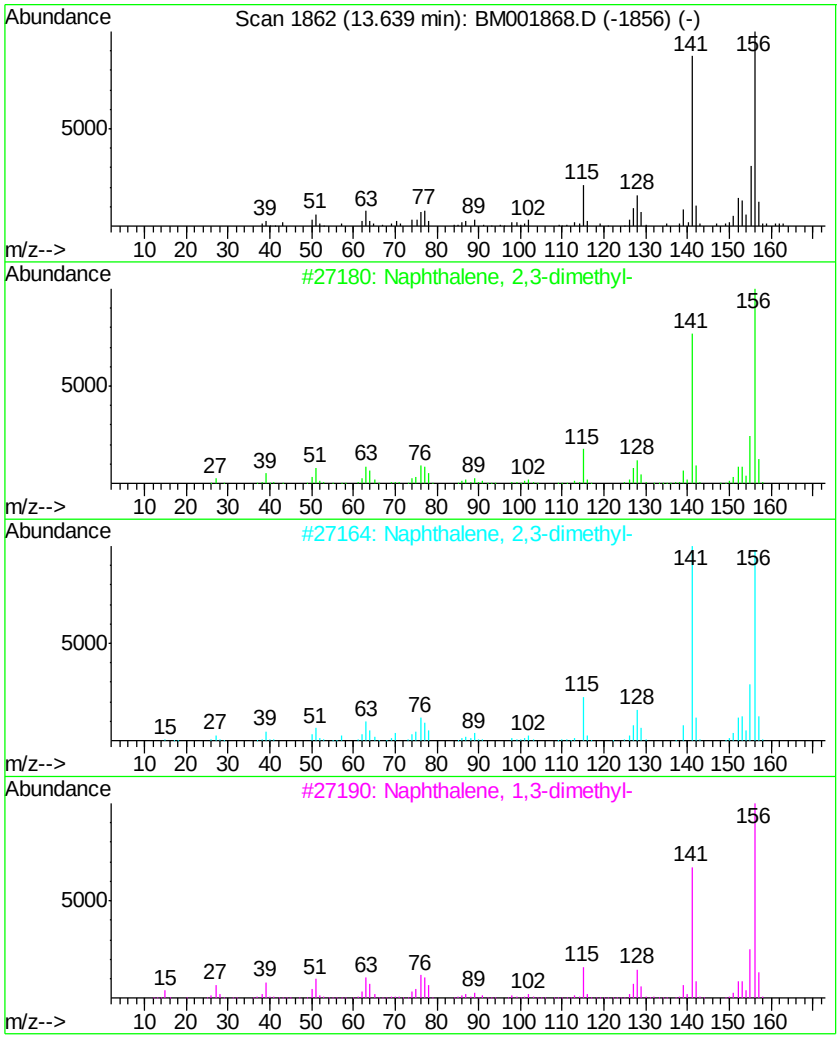
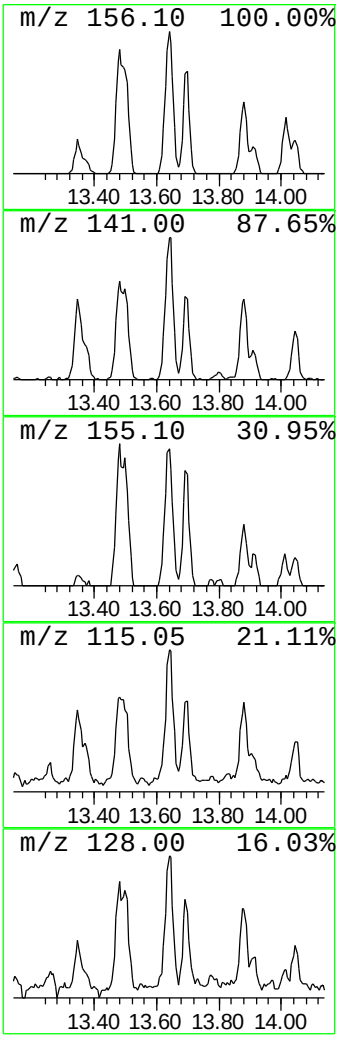
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	8.06 ng/ul	319837	Acenaphthene-d10	14.32

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





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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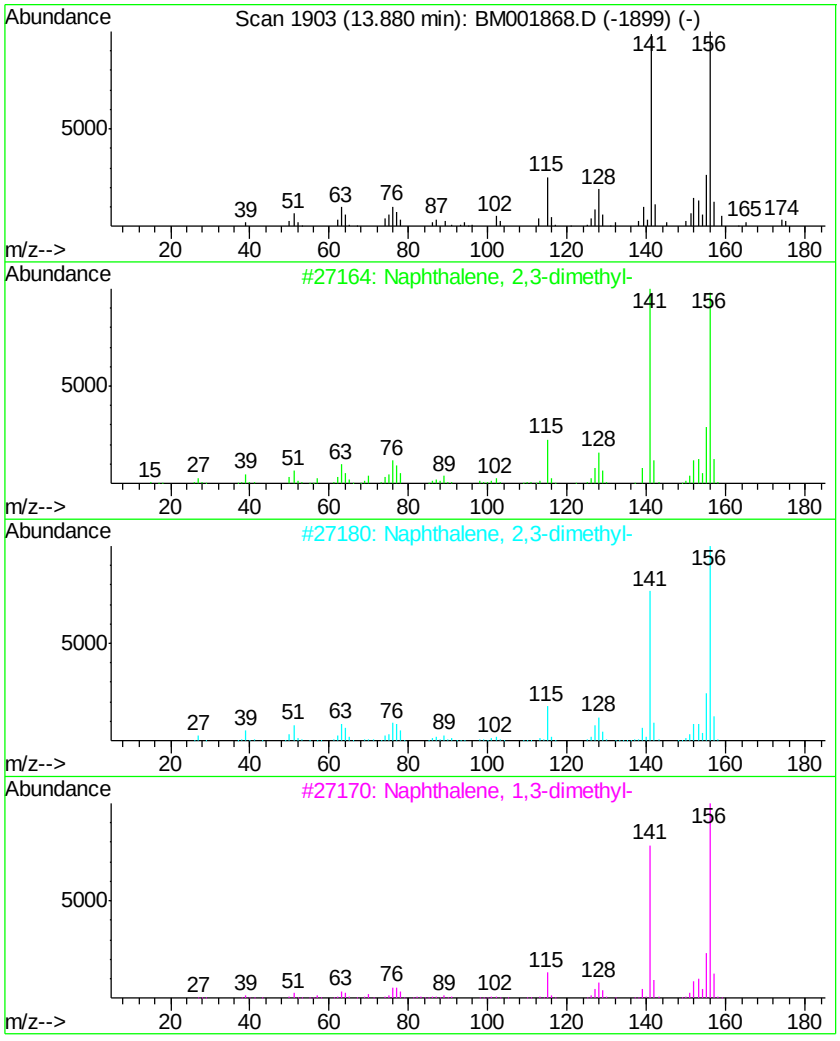
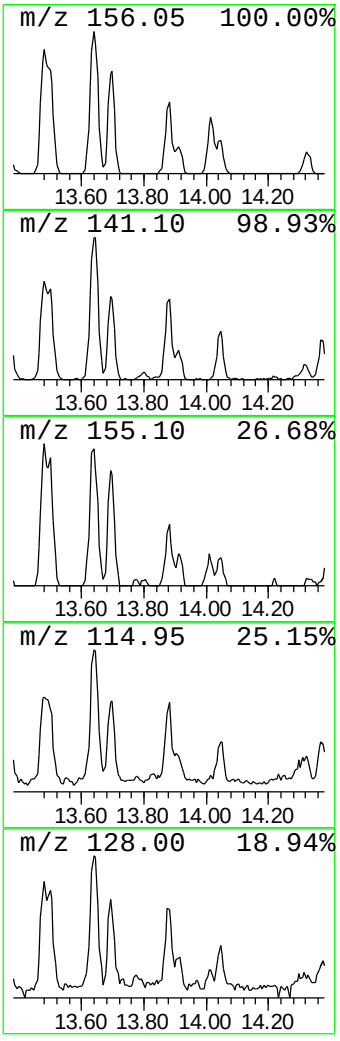
Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.55 ng/ul	141060	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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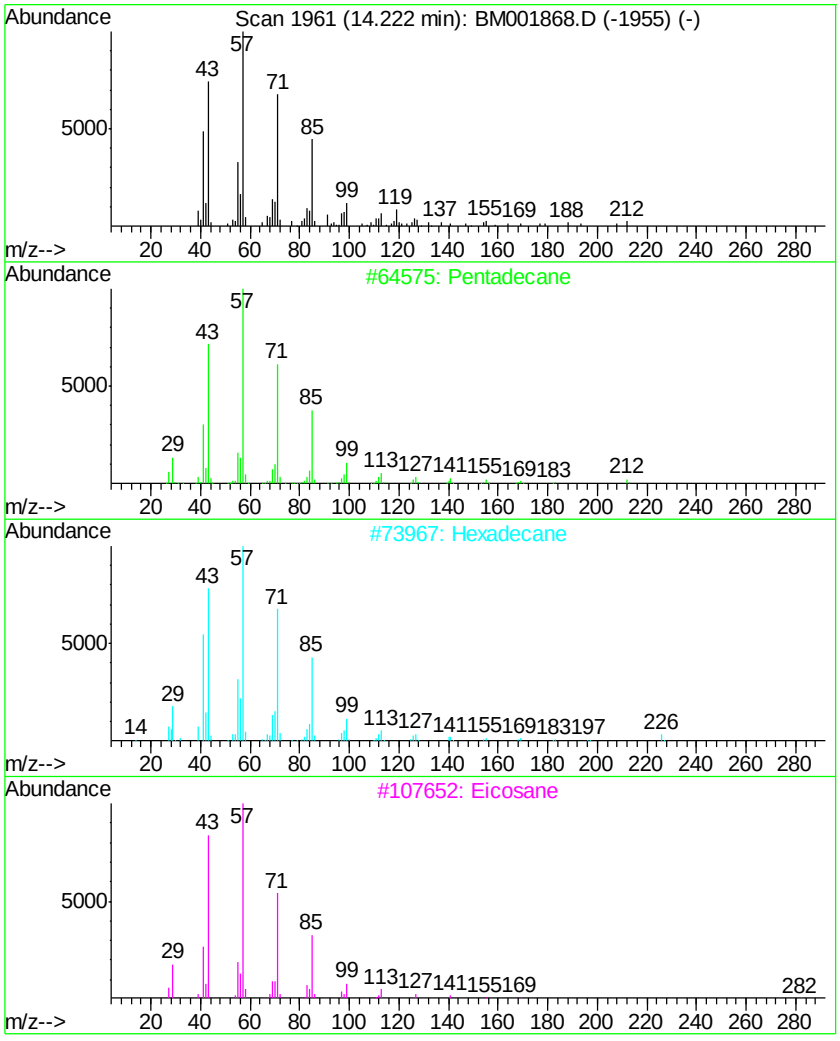
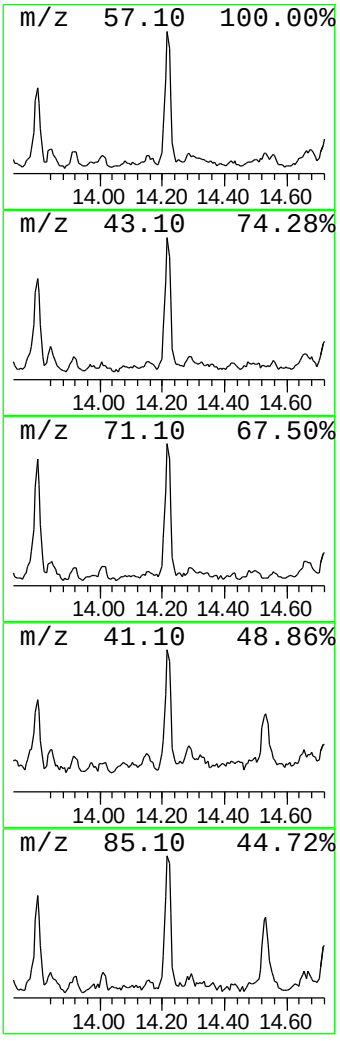
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	4.85 ng/ul	192337	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tetradecane	198	C14H30	000629-59-4	87





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Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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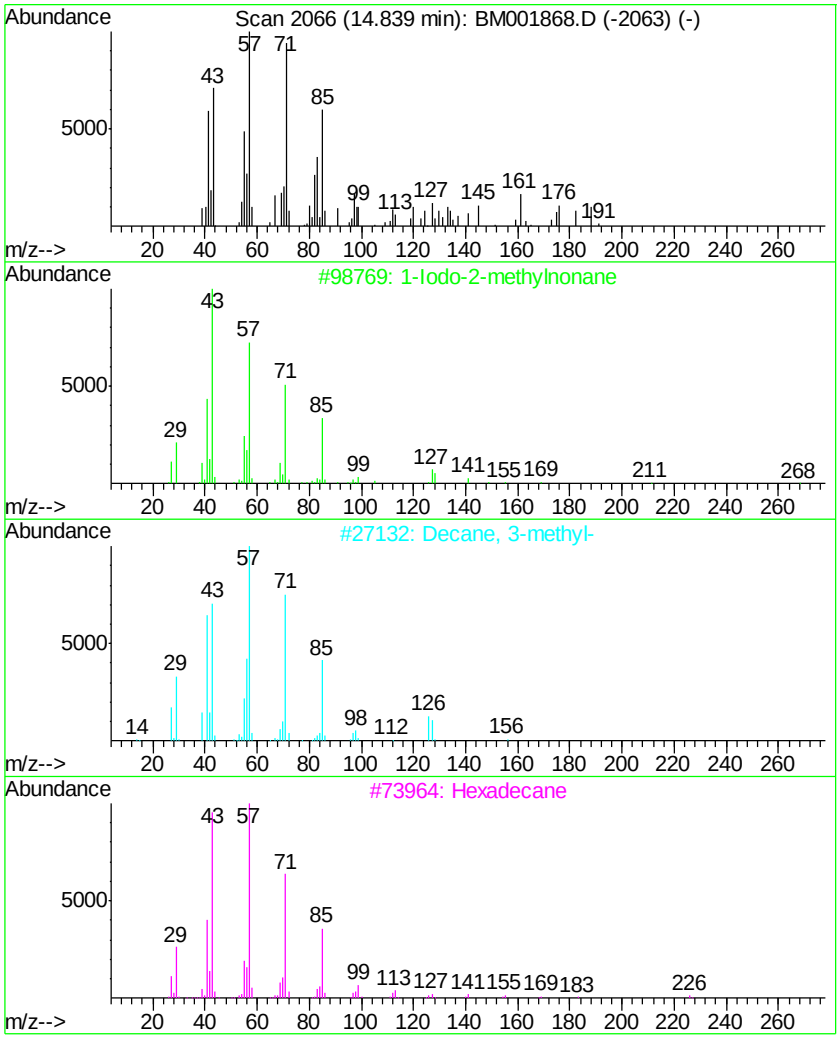
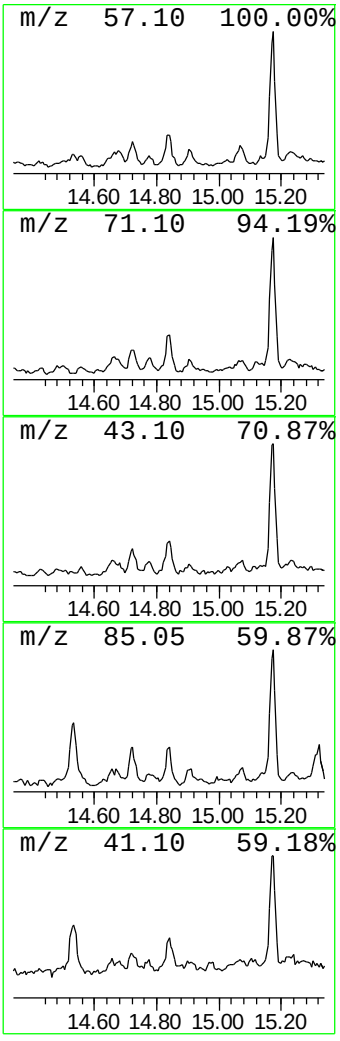
Peak Number 18 1-Iodo-2-methylnonane Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.02 ng/ul	80171	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
2	Decane, 3-methyl-	156	C11H24	013151-34-3	50
3	Hexadecane	226	C16H34	000544-76-3	50
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50
5	Octadecane	254	C18H38	000593-45-3	50





Library Search Compound Report

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Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
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Instrument : BNA_M
ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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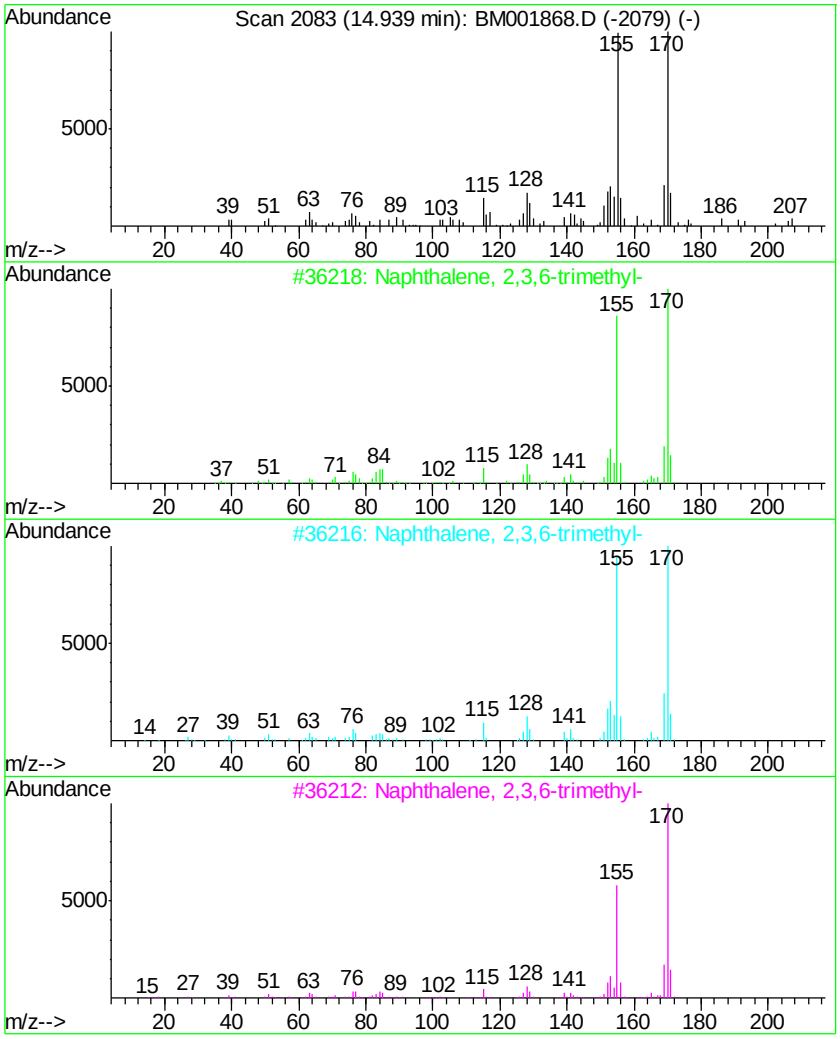
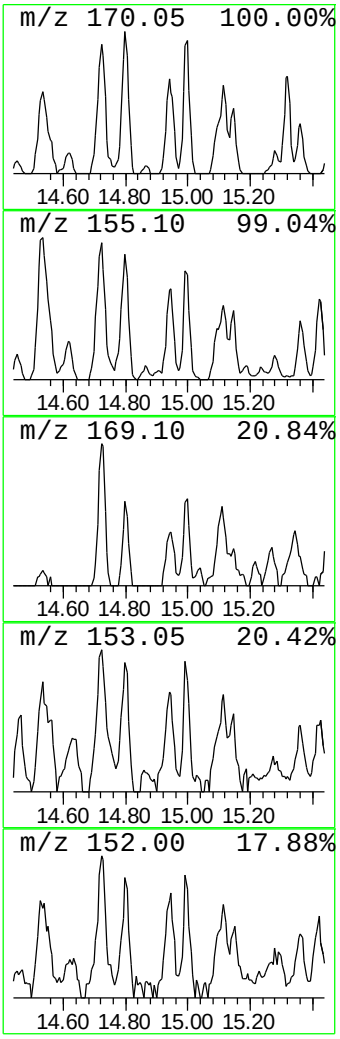
Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.21 ng/ul	87873	Acenaphthene-d10	14.32

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





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Instrument : BNA_M
ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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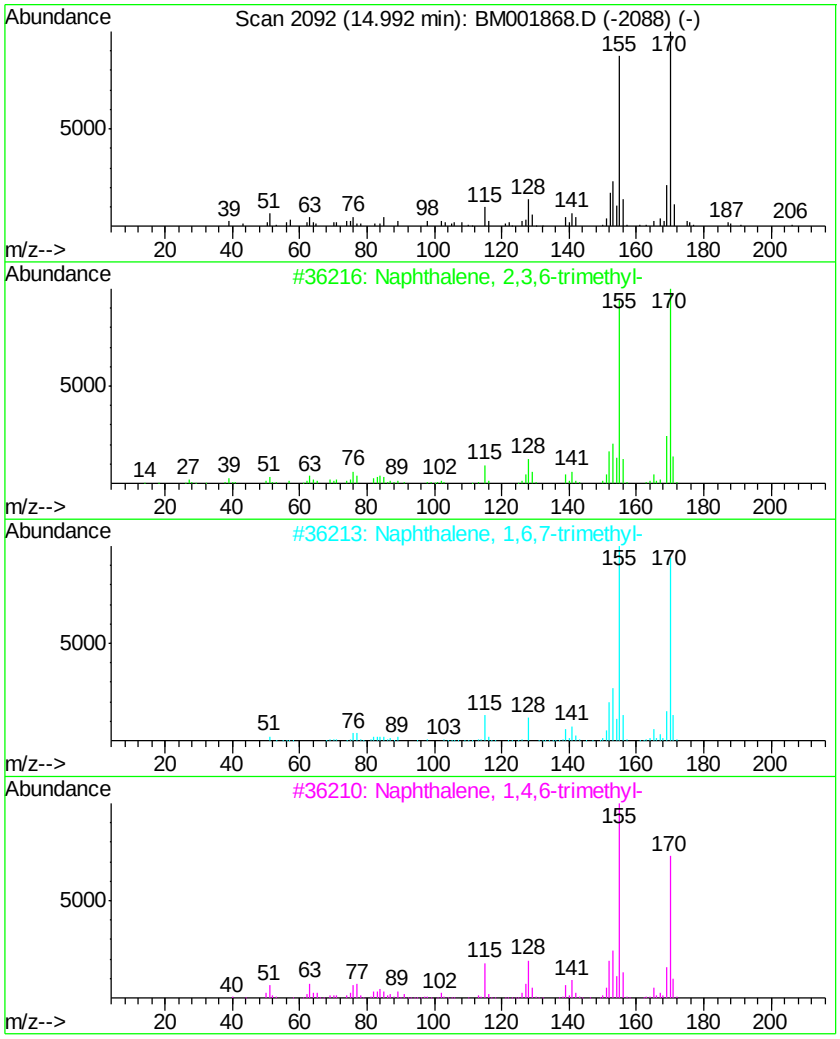
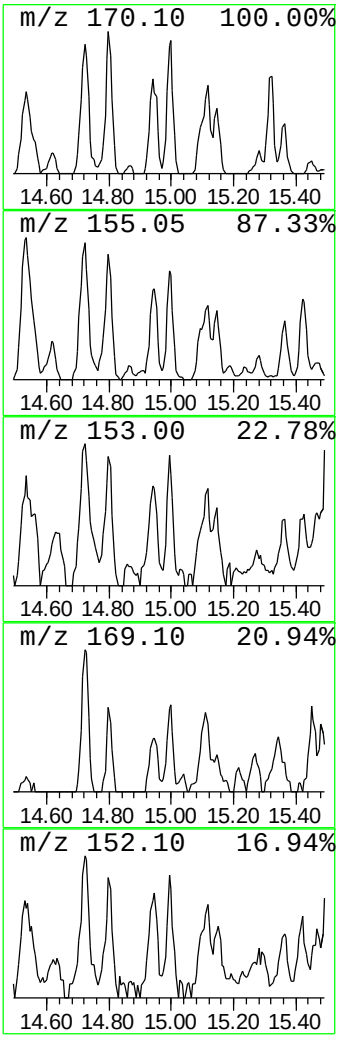
Peak Number 20 Naphthalene, 1,6,7-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.20 ng/ul	87173	Acenaphthene-d10	14.32

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





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Instrument : BNA_M
ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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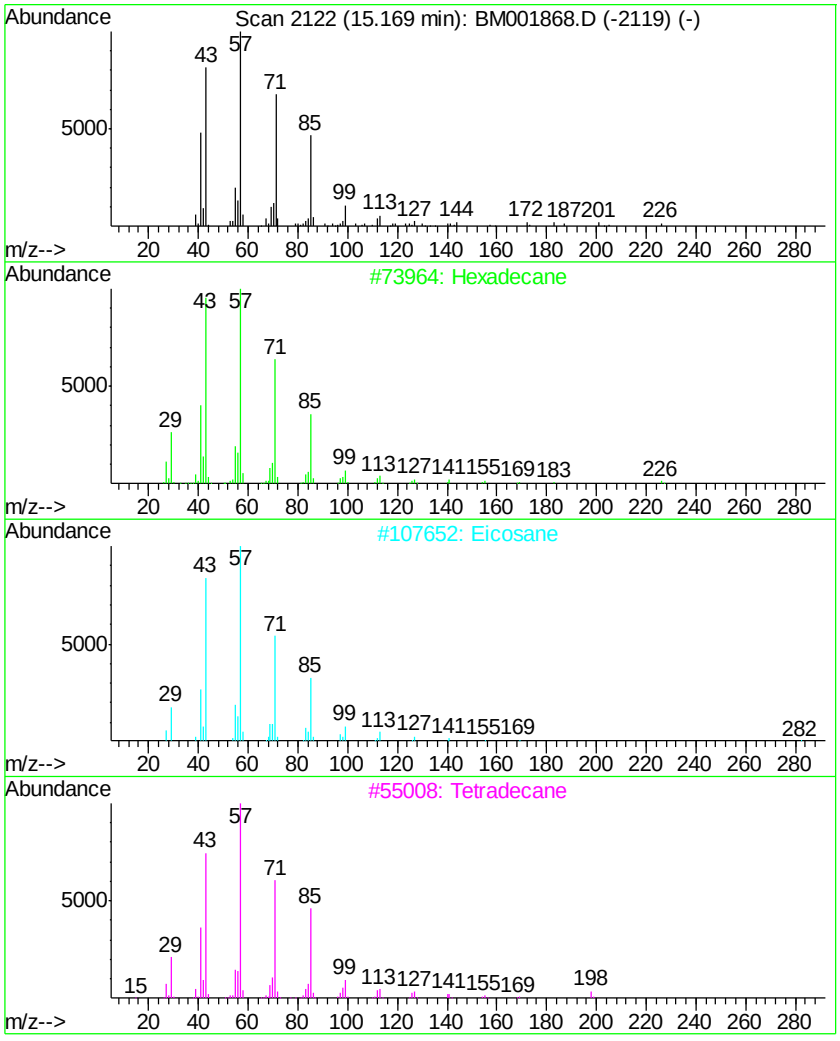
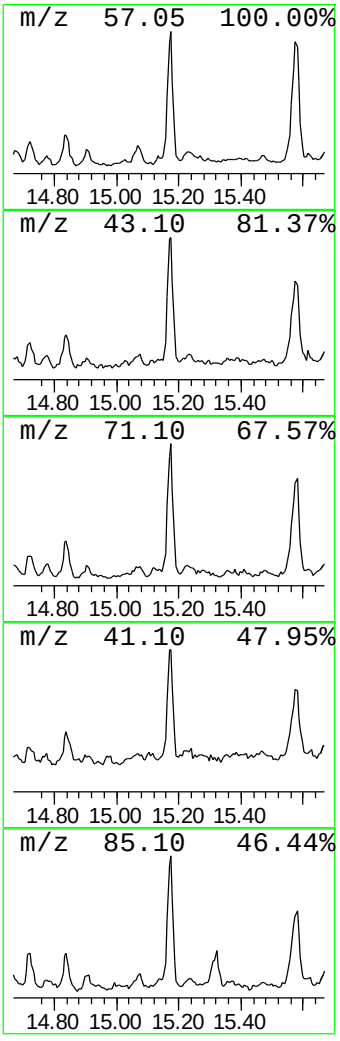
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.91 ng/ul	155359	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Tetratetracontane	619	C44H90	007098-22-8	72





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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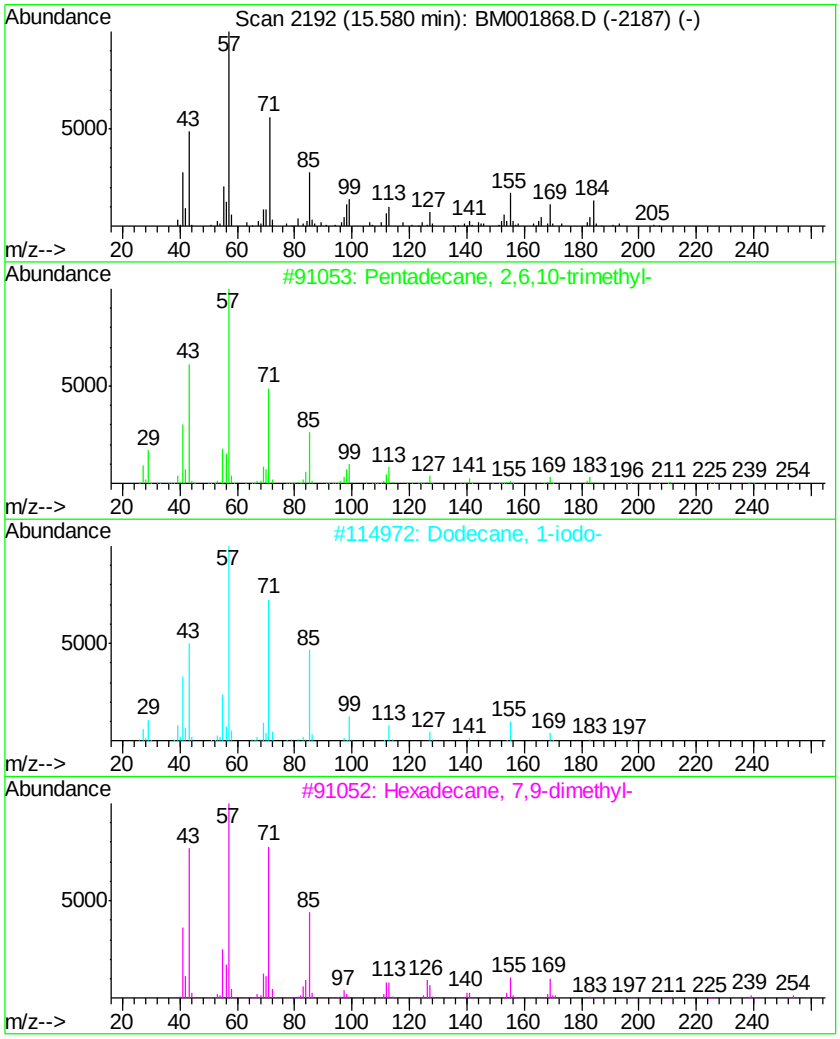
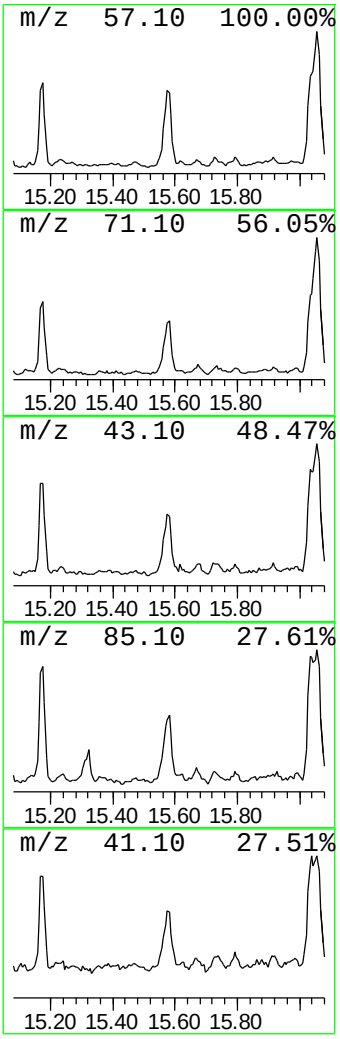
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	4.52 ng/ul	179569	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	52
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	49
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49





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Sample : G2861-11
Misc :
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Instrument : BNA_M
ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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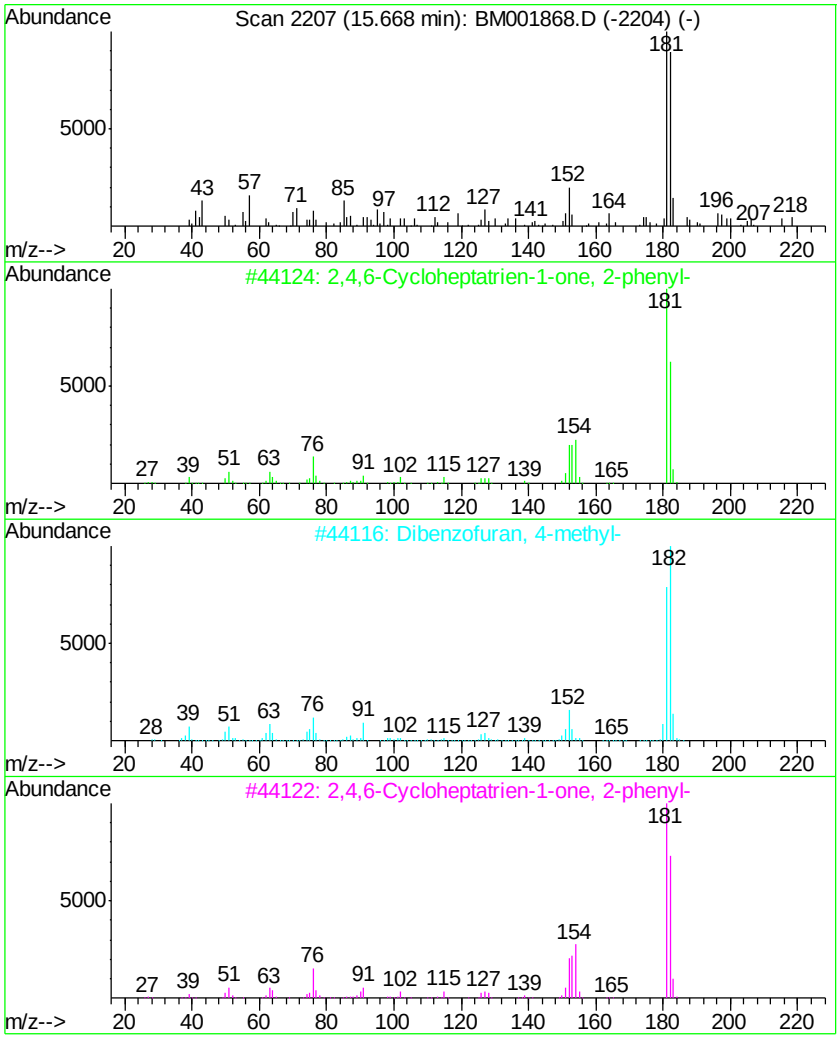
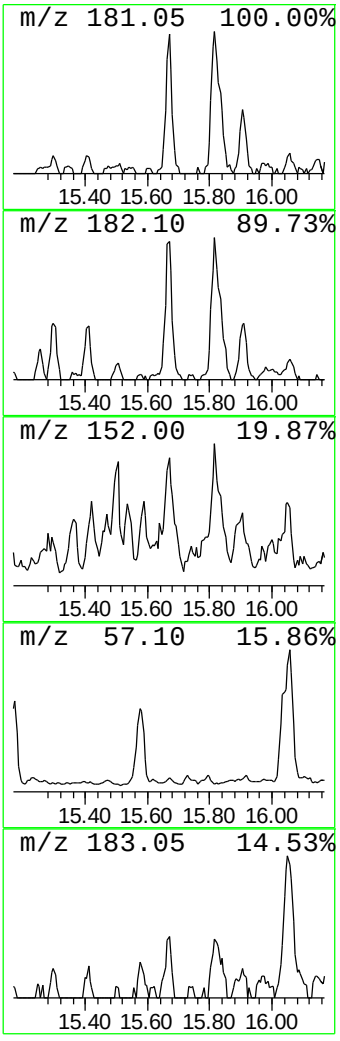
Peak Number 23 2,4,6-Cycloheptatrien-1-one... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.72 ng/ul	108140	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





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Instrument : BNA_M
ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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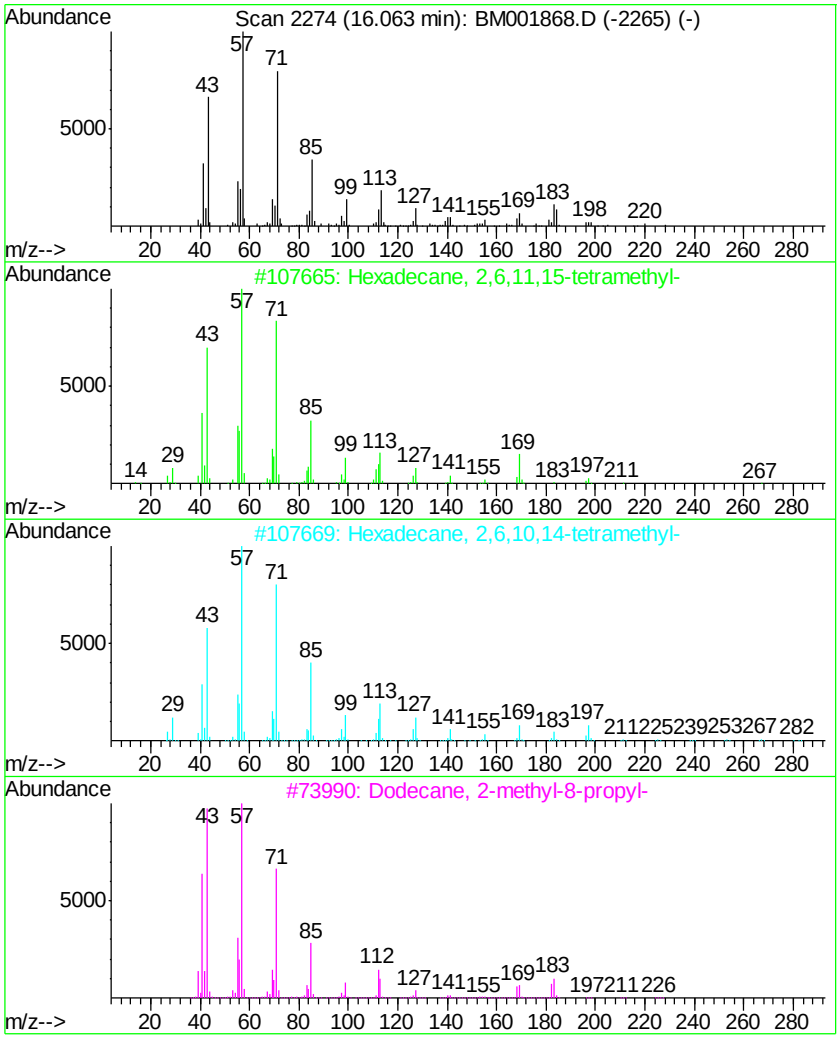
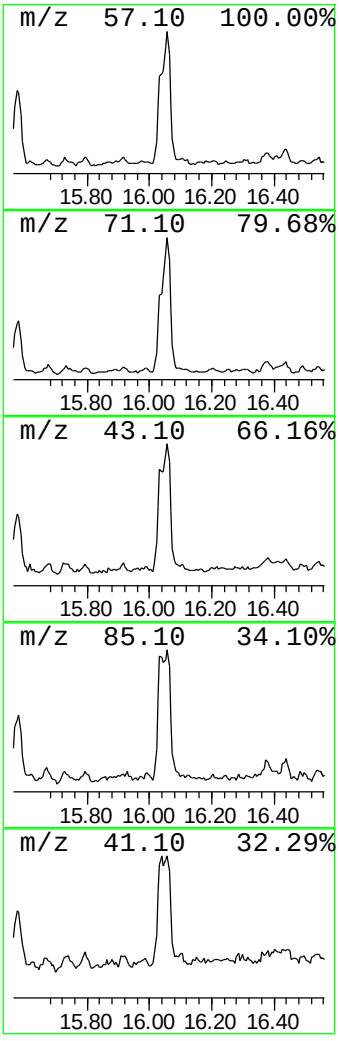
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	11.98 ng/ul	503726	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80





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Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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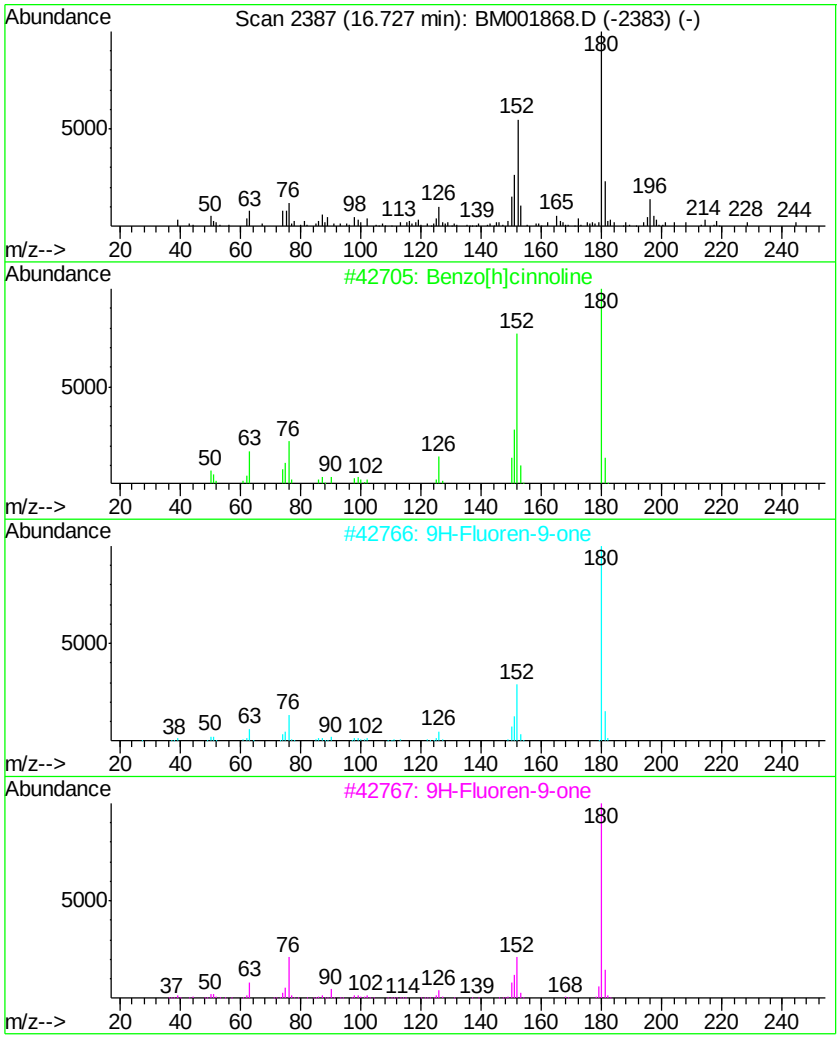
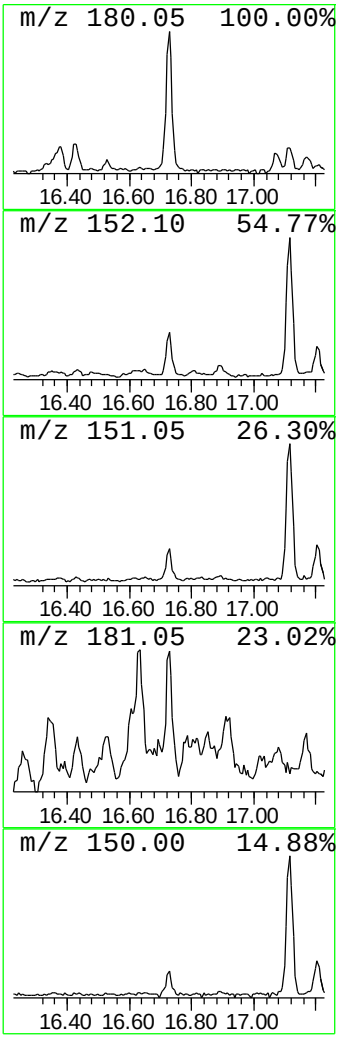
Peak Number 25 Benzo[h]cinnoline Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.84 ng/ul	119457	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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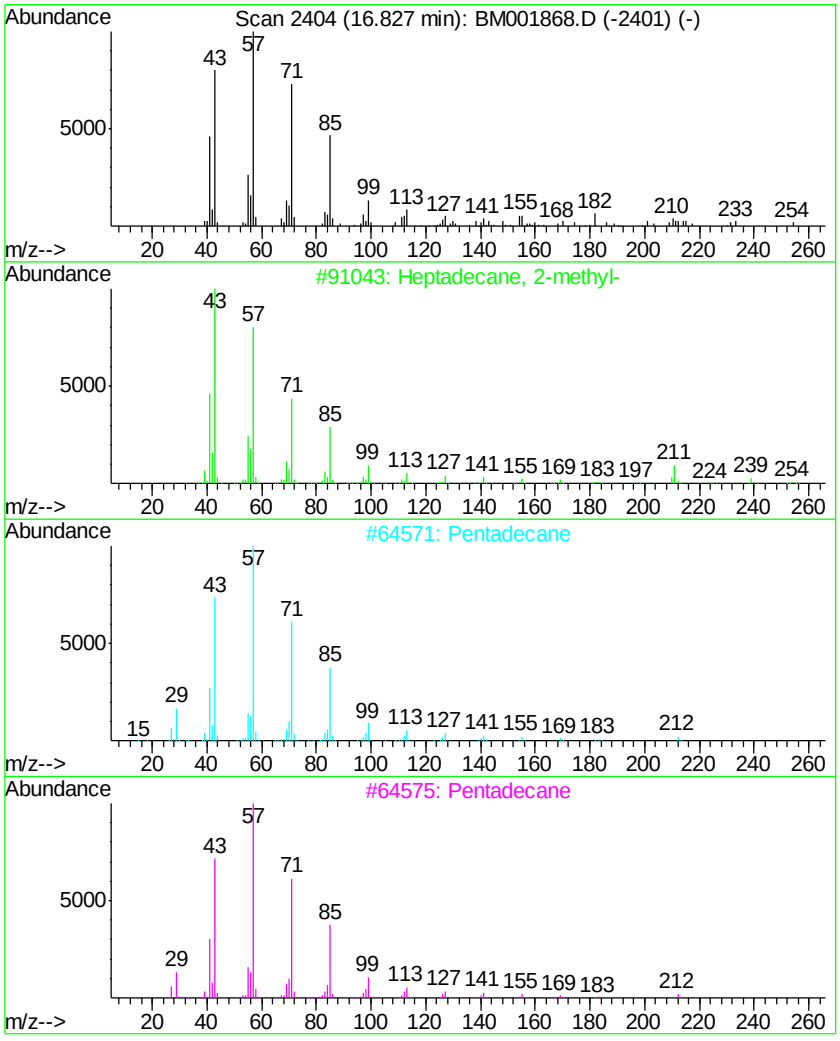
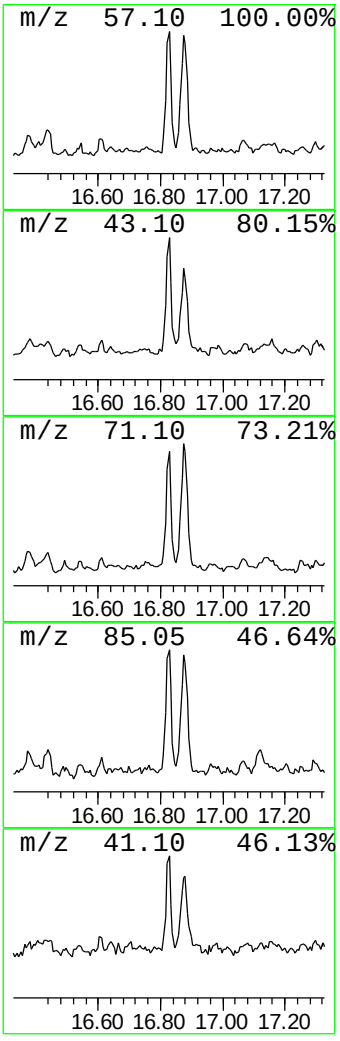
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.53 ng/ul	106502	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	94
2	Pentadecane	212	C15H32	000629-62-9	93
3	Pentadecane	212	C15H32	000629-62-9	93
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
5	Hexadecane	226	C16H34	000544-76-3	90





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Instrument : BNA_M
ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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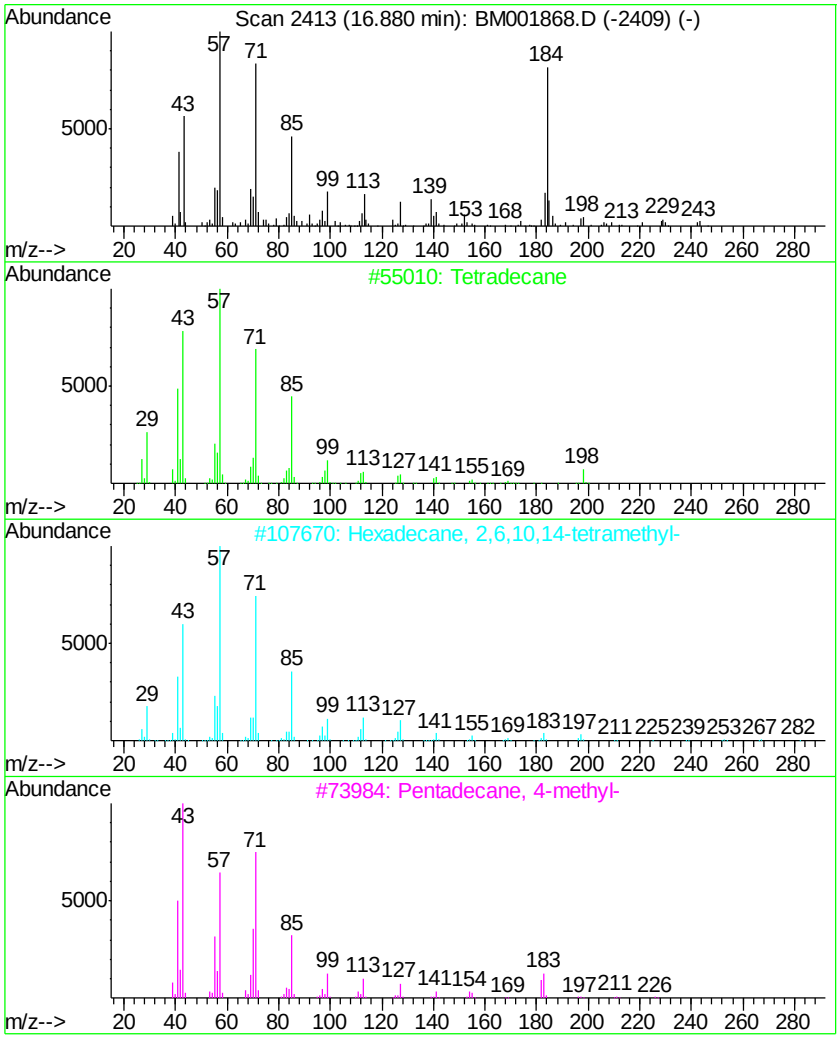
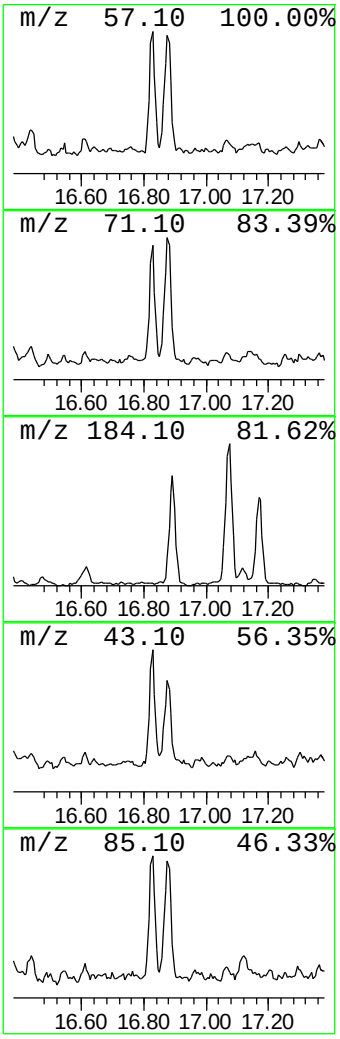
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	7.12 ng/ul	299396	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	50
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	46
4	Tetracosane	338	C24H50	000646-31-1	46
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	46





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ClientSampleId : G93L5

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Quant Title : SVOA CALIBRATION

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

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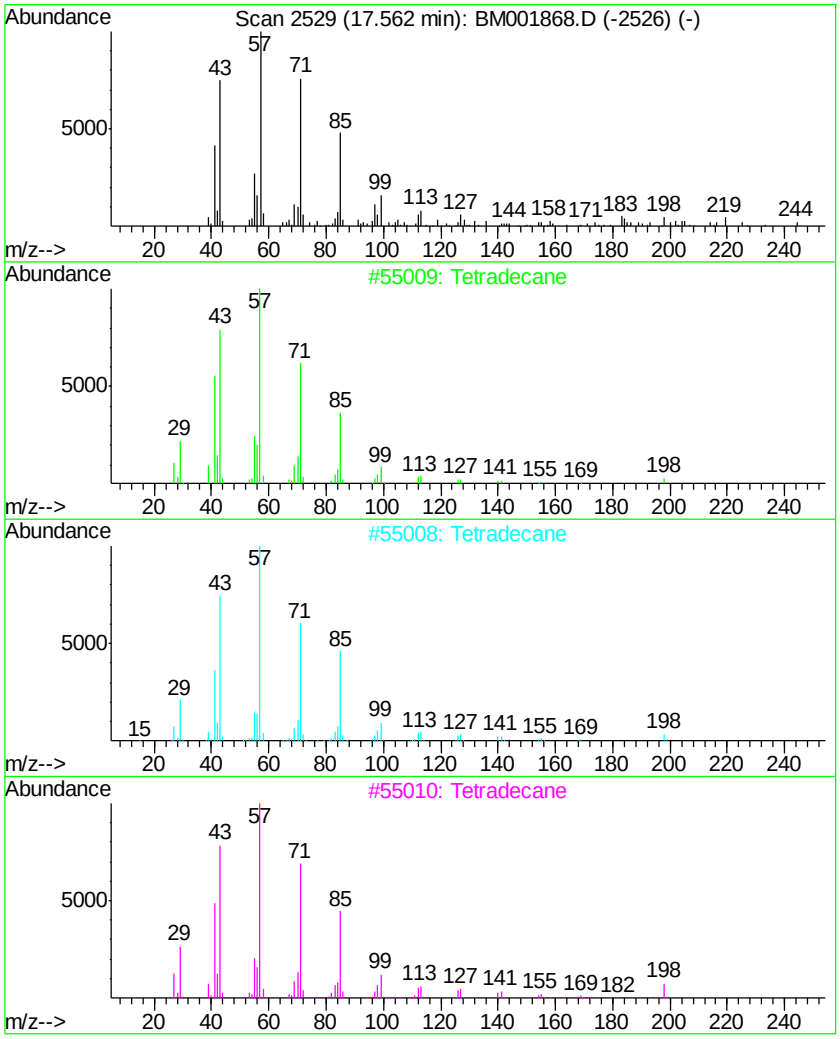
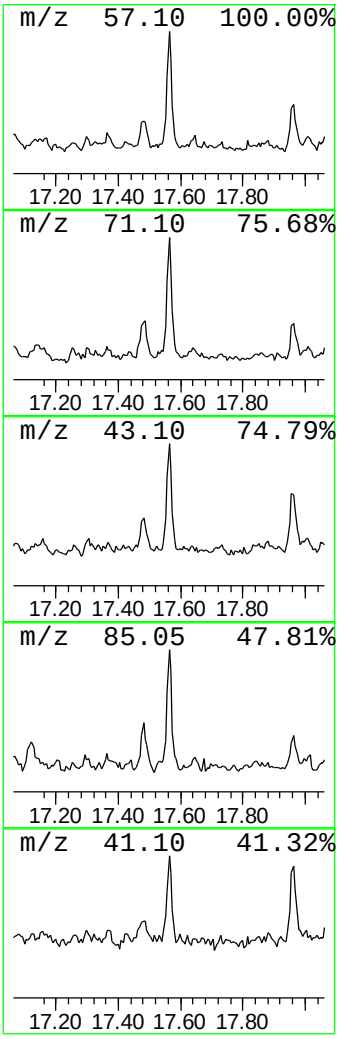
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.12 ng/ul	89020	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tetradecane	198	C14H30	000629-59-4	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetracosane	338	C24H50	000646-31-1	83





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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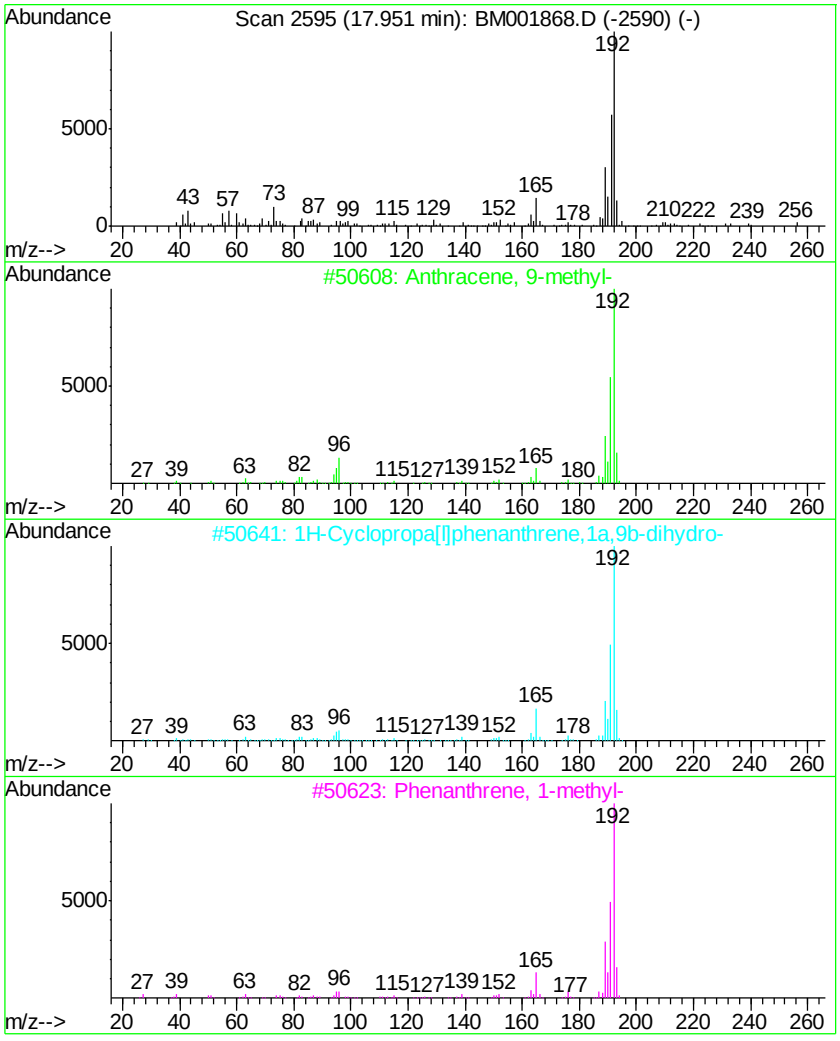
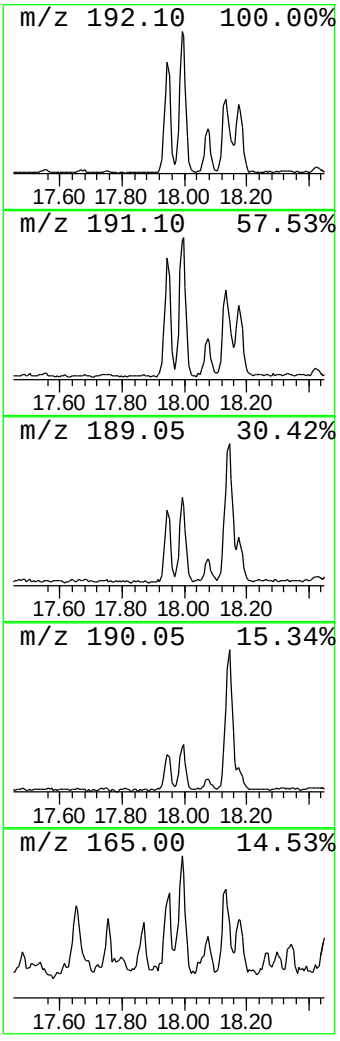
Peak Number 29 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	7.22 ng/ul	303583	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Quant Title : SVOA CALIBRATION

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

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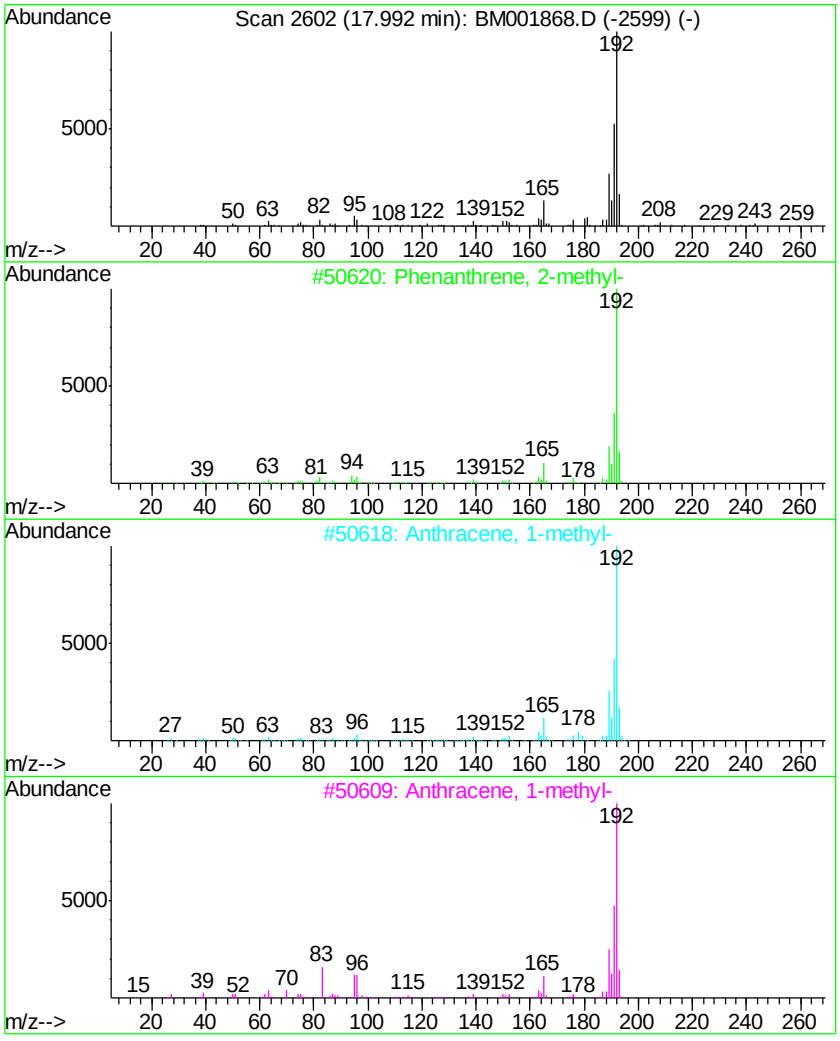
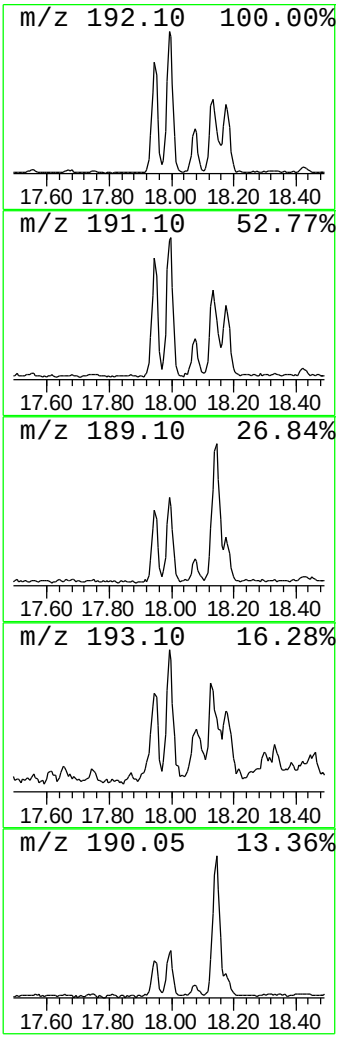
Peak Number 30 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	6.45 ng/ul	271233	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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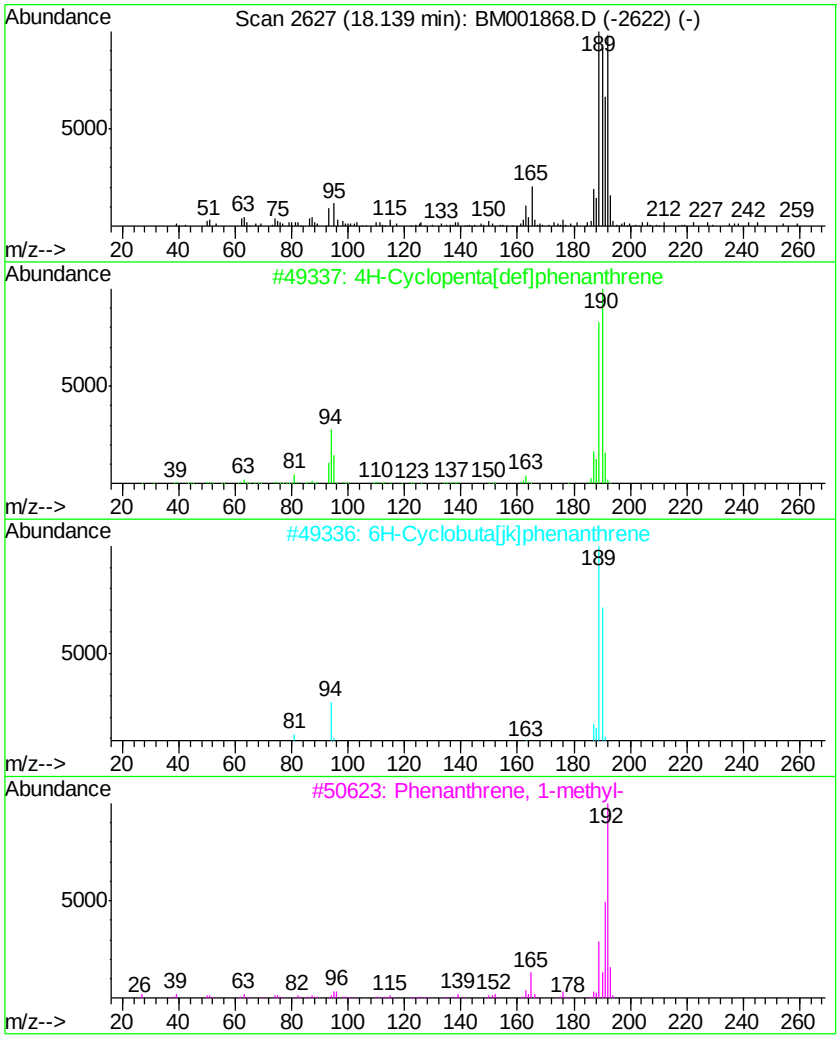
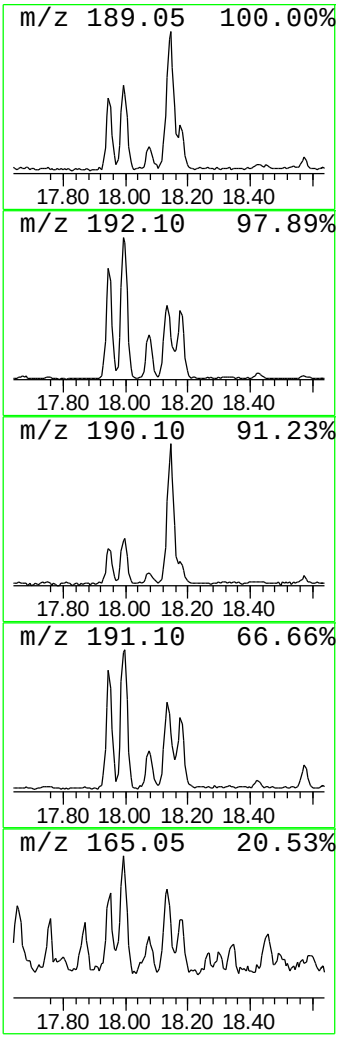
Peak Number 31 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	5.86 ng/ul	246443	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46





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Acq On : 07 Jul 2015 15:14
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Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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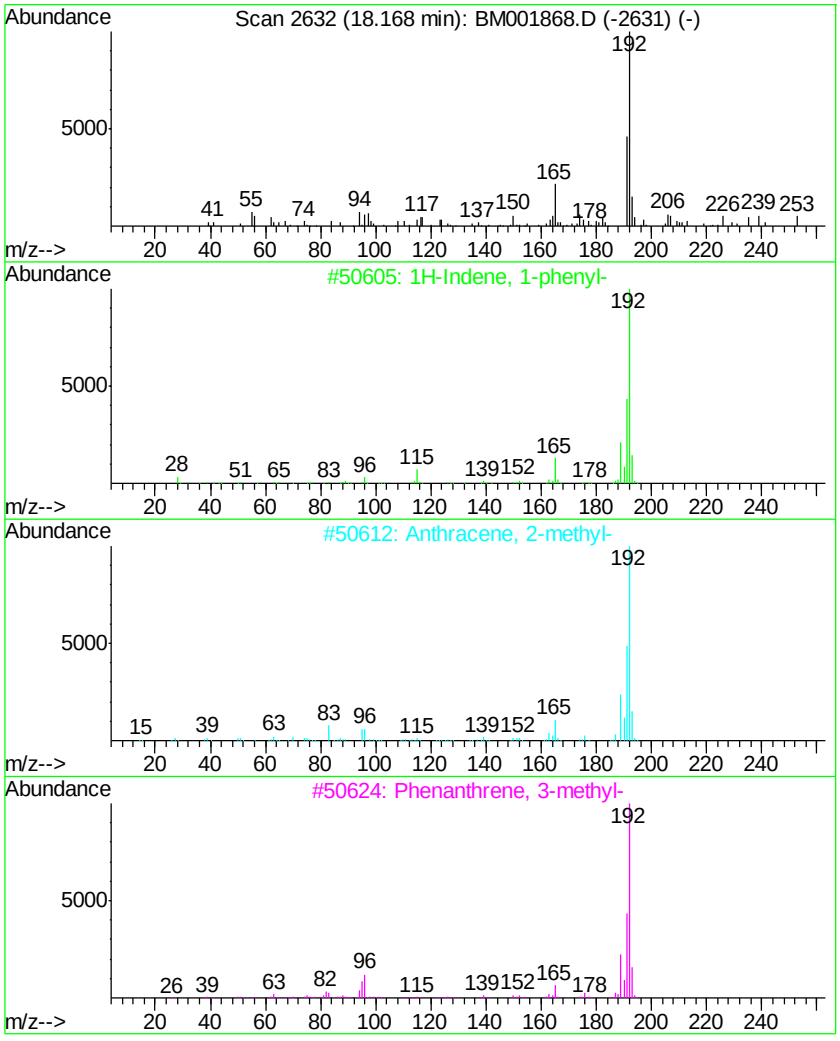
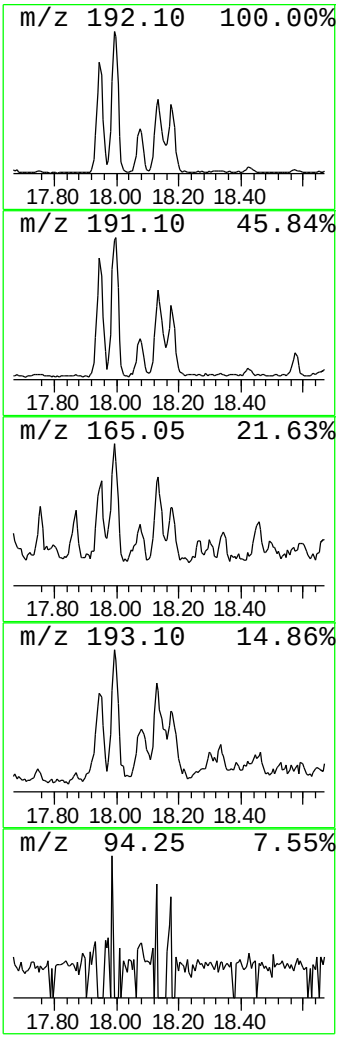
Peak Number 32 1H-Indene, 1-phenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.62 ng/ul	110122	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	80





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Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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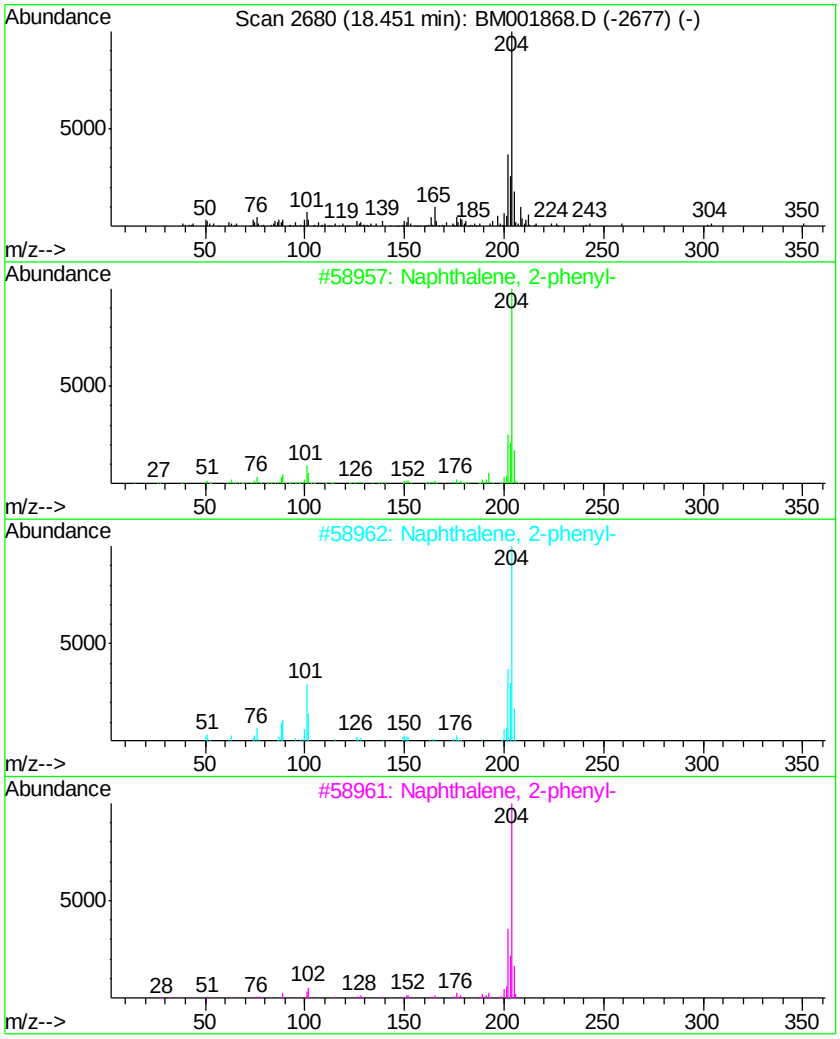
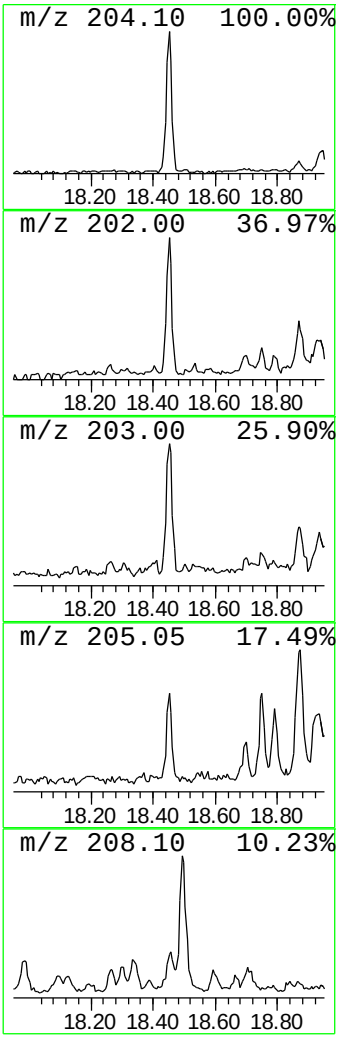
Peak Number 33 Naphthalene, 2-phenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	2.20 ng/ul	92565	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	52





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Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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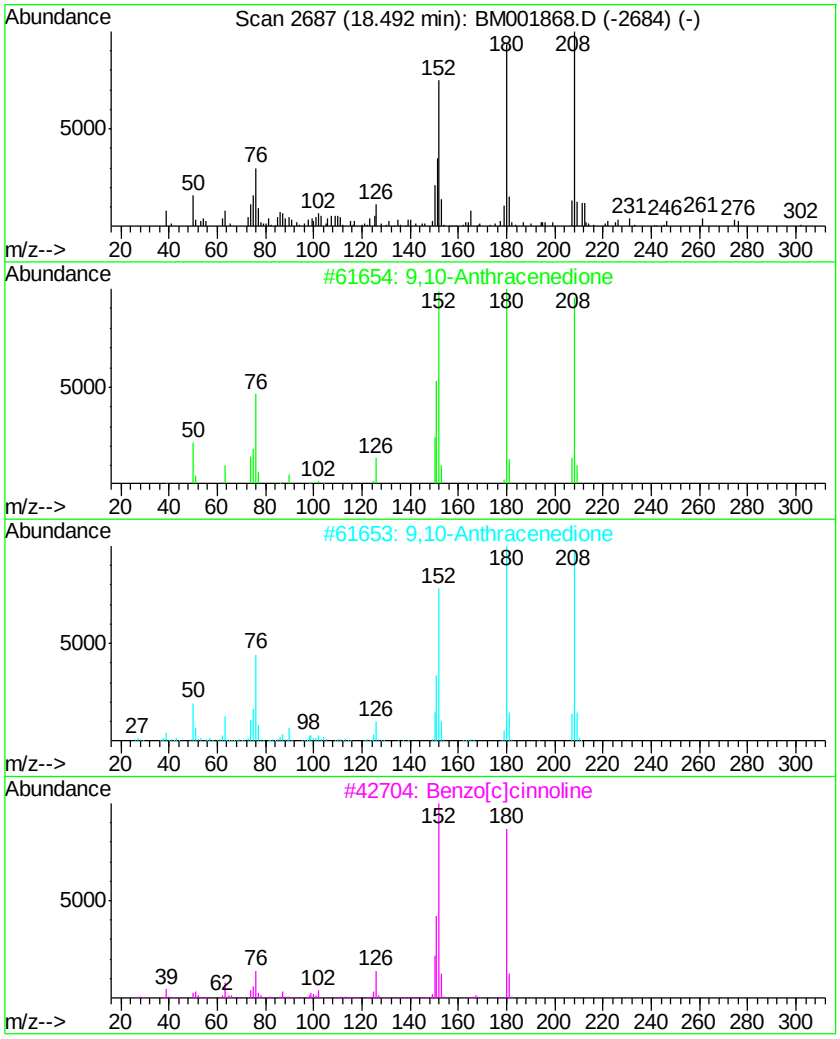
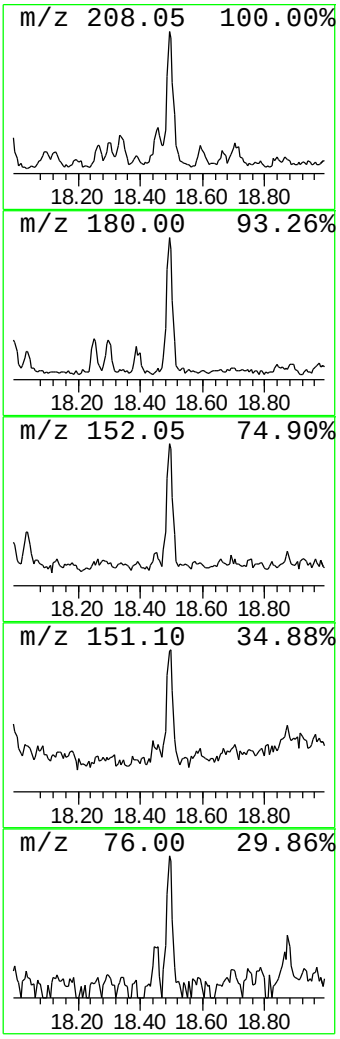
Peak Number 34 9,10-Anthracenedione Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.74 ng/ul	115007	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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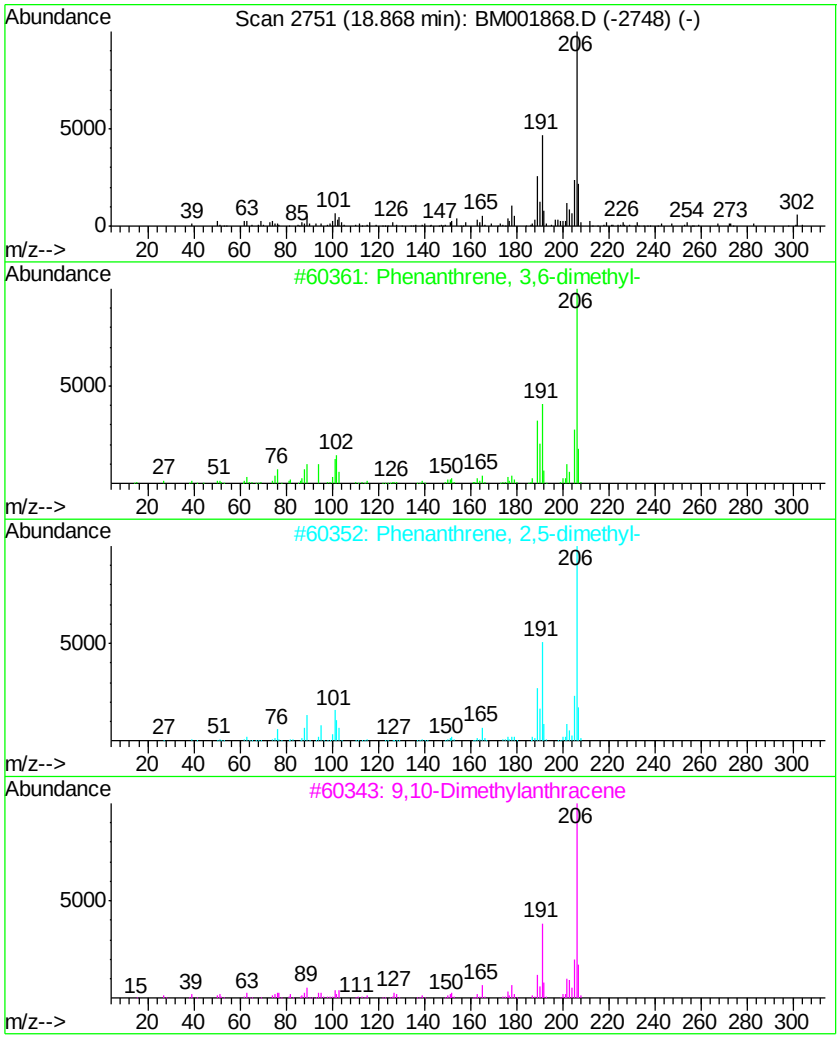
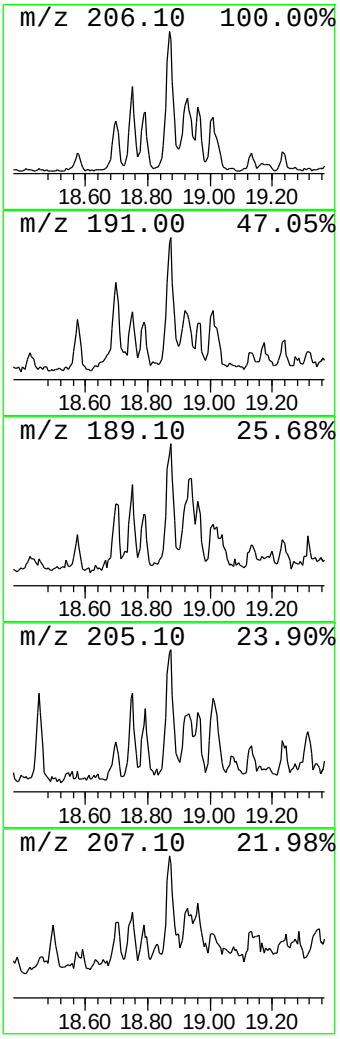
Peak Number 35 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	3.00 ng/ul	126001	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





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Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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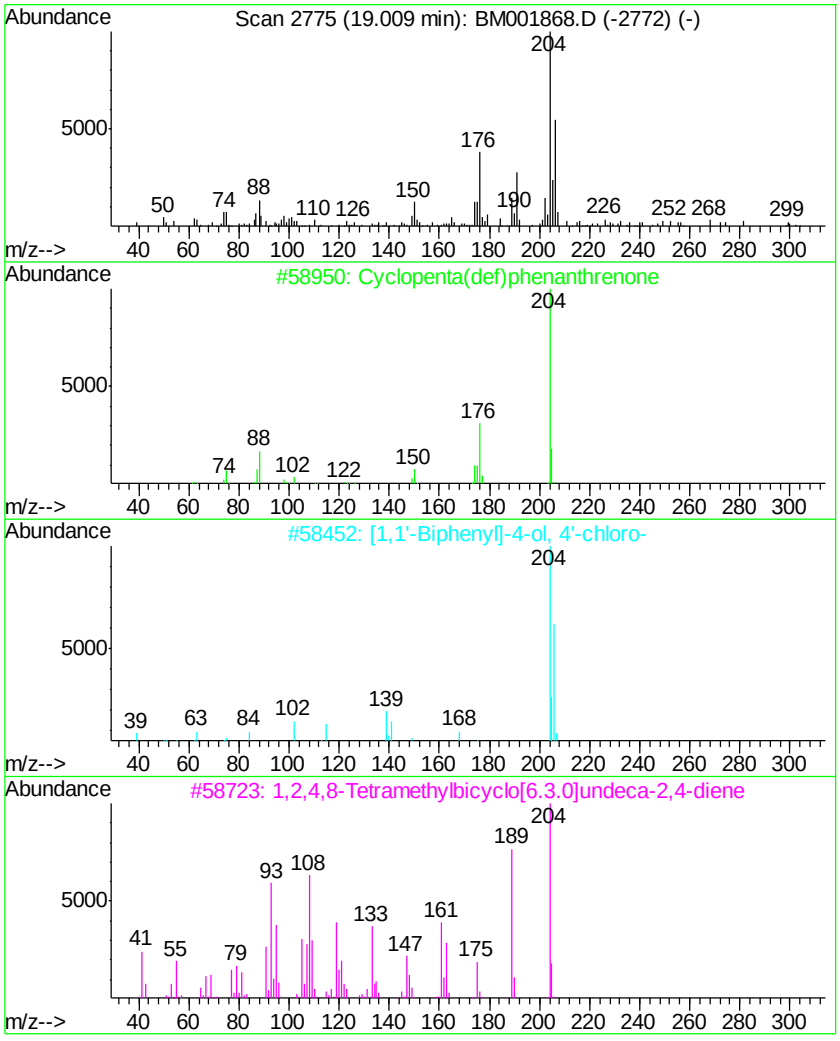
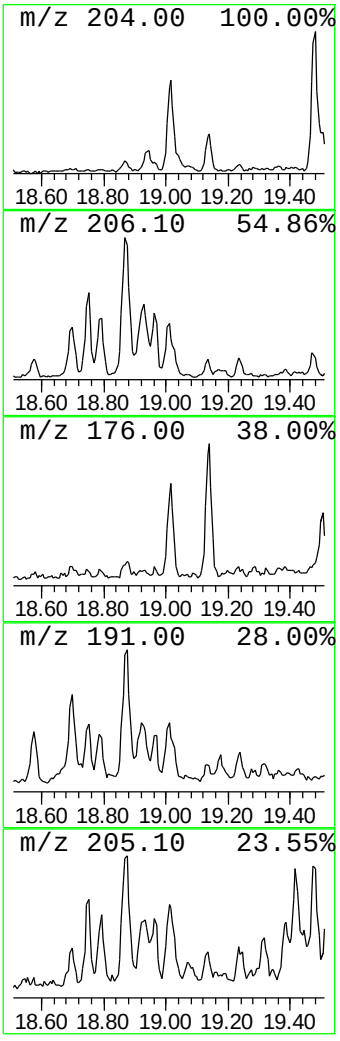
Peak Number 36 Cyclopenta(def)phenanthrenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.61 ng/ul	109703	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	52
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35





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Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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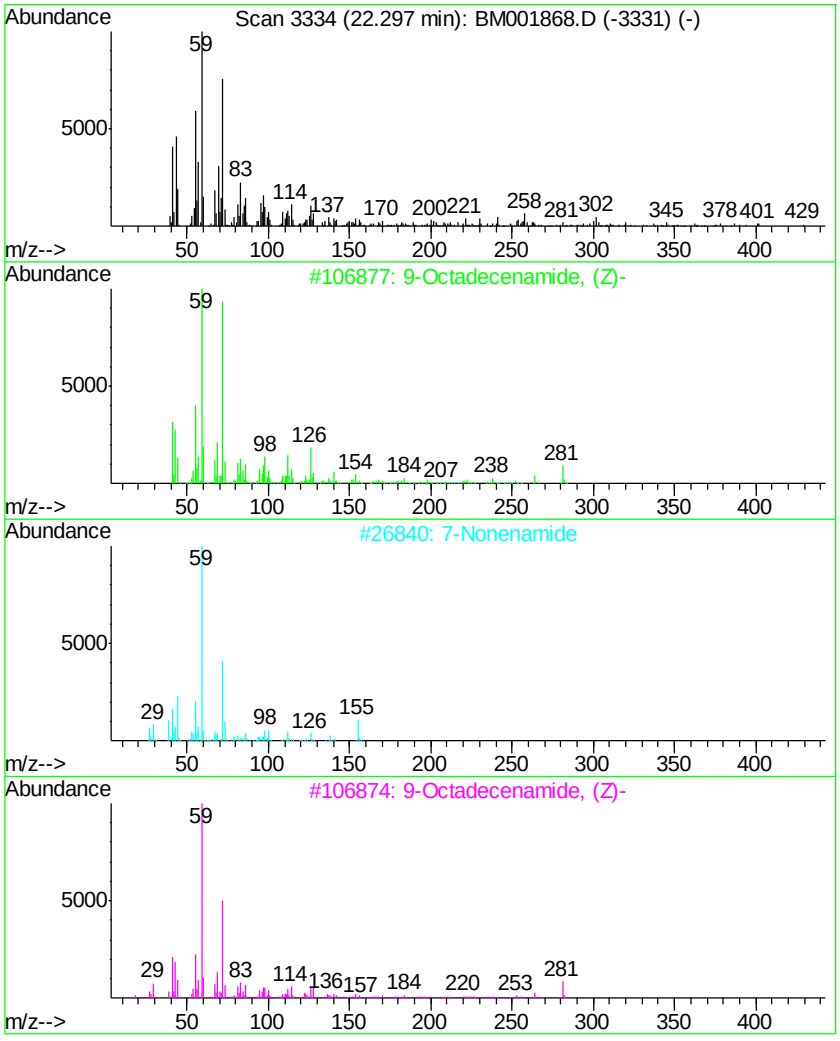
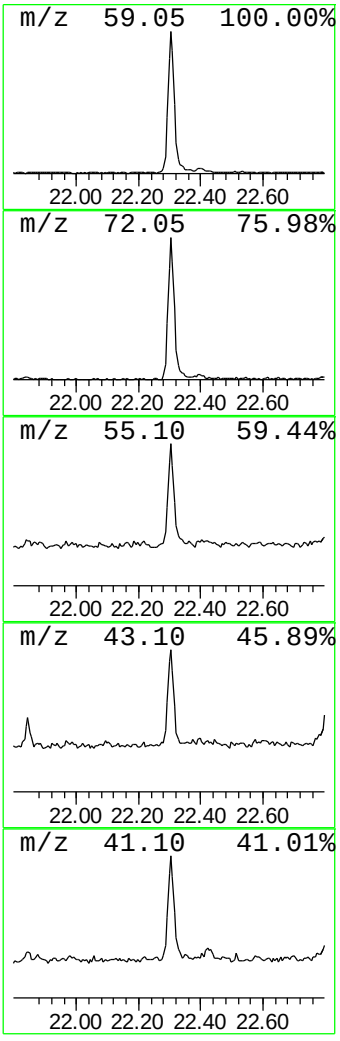
Peak Number 37 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	6.26 ng/ul	639292	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	7-Nonenamide	155	C9H17NO	090949-53-4	72
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
4	Octadecanamide	283	C18H37NO	000124-26-5	47
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	46





Tentatively Identified Compound (LSC) summary

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Data File : BM001868.D
Acq On : 07 Jul 2015 15:14
Operator : TP/UM
Sample : G2861-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one	2.85	4.3	ng/ul	90035	1	7.67	420468	20.0
Butane, 2-methoxy...	2.89	99.0	ng/ul	2082430	1	7.67	420468	20.0
3-Penten-2-ol	2.93	3.1	ng/ul	65249	1	7.67	420468	20.0
Methacrylamide	3.66	5.0	ng/ul	105739	1	7.67	420468	20.0
unknown-01	7.32	2.1	ng/ul	43314	1	7.67	420468	20.0
unknown-02	8.21	2.1	ng/ul	45035	1	7.67	420468	20.0
Benzene, 1-ethyl-...	8.30	2.2	ng/ul	45869	1	7.67	420468	20.0
3-Phenylbut-1-ene	9.86	2.3	ng/ul	75785	2	10.46	651129	20.0
(DEL) Alkane: Str...	11.47	2.1	ng/ul	69310	2	10.46	651129	20.0
(DEL) Alkane: Str...	11.88	3.7	ng/ul	121079	2	10.46	651129	20.0
Naphthalene, 1-me...	12.35	7.5	ng/ul	245844	2	10.46	651129	20.0
(DEL) Alkane: Str...	12.85	2.6	ng/ul	104384	3	14.32	793740	20.0
Naphthalene, 2,7-...	13.48	9.3	ng/ul	369693	3	14.32	793740	20.0
Naphthalene, 2,3-...	13.64	8.1	ng/ul	319837	3	14.32	793740	20.0
Naphthalene, 1,3-...	13.88	3.5	ng/ul	141060	3	14.32	793740	20.0
(DEL) Alkane: Str...	14.22	4.8	ng/ul	192337	3	14.32	793740	20.0
1-Iodo-2-methylno...	14.84	2.0	ng/ul	80171	3	14.32	793740	20.0
Naphthalene, 2,3,...	14.94	2.2	ng/ul	87873	3	14.32	793740	20.0
Naphthalene, 1,6,...	14.99	2.2	ng/ul	87173	3	14.32	793740	20.0
(DEL) Alkane: Str...	15.17	3.9	ng/ul	155359	3	14.32	793740	20.0
(DEL) Alkane: Str...	15.58	4.5	ng/ul	179569	3	14.32	793740	20.0
2,4,6-Cycloheptat...	15.67	2.7	ng/ul	108140	3	14.32	793740	20.0
(DEL) Alkane: Str...	16.06	12.0	ng/ul	503726	4	17.07	840699	20.0
Benzo[h]cinnoline	16.73	2.8	ng/ul	119457	4	17.07	840699	20.0
(DEL) Alkane: Str...	16.83	2.5	ng/ul	106502	4	17.07	840699	20.0
(DEL) Alkane: Str...	16.88	7.1	ng/ul	299396	4	17.07	840699	20.0
(DEL) Alkane: Str...	17.56	2.1	ng/ul	89020	4	17.07	840699	20.0
Anthracene, 9-met...	17.95	7.2	ng/ul	303583	4	17.07	840699	20.0
Phenanthrene, 2-m...	17.99	6.5	ng/ul	271233	4	17.07	840699	20.0
4H-Cyclopenta[def...	18.14	5.9	ng/ul	246443	4	17.07	840699	20.0
1H-Indene, 1-phenyl-	18.17	2.6	ng/ul	110122	4	17.07	840699	20.0
Naphthalene, 2-ph...	18.45	2.2	ng/ul	92565	4	17.07	840699	20.0
9,10-Anthracenedione	18.49	2.7	ng/ul	115007	4	17.07	840699	20.0
Phenanthrene, 3,6...	18.87	3.0	ng/ul	126001	4	17.07	840699	20.0
Cyclopenta(def)ph...	19.01	2.6	ng/ul	109703	4	17.07	840699	20.0
9-Octadecenamide,...	22.30	6.3	ng/ul	639292	5	21.27	2042970	20.0