LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

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-BM121915.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	5.710	437	446	457	rBV3	488977	1060909	7.94%	0.290%
2	7.351	712	725	735	rBV3	871121	2023341	15.14%	0.553%
3	8.239	870	876	883	rVB	1669342	2900114	21.69%	0.793%
4	8.798	960	971	977	rBV	961247	1593134	11.92%	0.436%
5	9.916	1152	1161	1168	rBV3	1361009	4030080	30.15%	1.102%
6	9.998	1168	1175	1179	rBV	1350868	2703659	20.22%	0.740%
7	10.469	1249	1255	1262	rVV3	459223	1178971	8.82%	0.323%
8	10.569	1262	1272	1277	rVV	4246481	10746616	80.39%	2.940%
9	11.533	1426	1436	1441	rVV2	542458	1816486	13.59%	0.497%
10	11.598	1441	1447	1451	rVV2	603163	1435142	10.74%	0.393%
11	11.692	1458	1463	1474	rVV2	773751	1799148	13.46%	0.492%
12	11.933	1499	1504	1510	rVV	816442	1387415	10.38%	0.380%
13	12.198	1537	1549	1554	rBV	4948017	13313400	99.59%	3.642%
14	12.427	1570	1588	1592	rBV	4822823	12913558	96.60%	3.532%
15	13.186	1709	1717	1723	rVV2	1252234	2223077	16.63%	0.608%
16	13.398	1746	1753	1764	rVB	3354150	7989233	59.76%	2.185%
17	13.551	1768	1779	1784	rBV	2973433	8615636	64.45%	2.357%
18	13.704	1795	1805	1809	rBV2	3826395	9937555	74.34%	2.718%
19	13.757	1809	1814	1821	rVB	3520254	6112804	45.73%	1.672%
20	13.933	1838	1844	1847	rVV	2726222	5077825	37.98%	1.389%
21	13.963	1847	1849	1854	rVB	1426002	1518349	11.36%	0.415%
22	14.063	1861	1866	1867	rBV2	813627	1160285	8.68%	0.317%
23	14.098	1867	1872	1883	rVB	3461562	6142287	45.95%	1.680%
24	14.269	1895	1901	1907	rBV	1378554	2082525	15.58%	0.570%
25	14.339	1907	1913	1921	rBV3	968569	2348710	17.57%	0.642%
26	14.439	1922	1930	1936	rVV3	3317691	6566435	49.12%	1.796%
27	14.580	1946	1954	1962	rBV	1342632	3717923	27.81%	1.017%
28	14.657	1962	1967	1972	rBV2	630183	1199411	8.97%	0.328%
29	14.768	1976	1986	1993	rVB2	2383651	5433717	40.65%	1.486%
30	14.845	1993	1999	2003	rBV	2057211	3266914	24.44%	0.894%
31	14.898	2003	2008	2014	rVB6	657105	1408128	10.53%	0.385%
32	14.986	2014	2023	2028	rBV4	2180479	5678466	42.48%	1.553%
33	15.045	2029	2033	2036	rVV	1644961	2223211	16.63%	0.608%
34	15.163	2044	2053	2056	rBV3	1601840	4253380	31.82%	1.164%

LSC Area Percent Report

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Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

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-BM121915.M
Title : SVOA CALIBRATION

35	15.198	2056	2059	2061	rVV	1059927	1512104	11.31%	0.414%
36	15.221	2061	2063	2065	rVV	1156537	1361191	10.18%	0.372%
37	15.245	2065	2067	2073	rVB	1455613	1926570	14.41%	0.527%
38	15.339	2073	2083	2085	rBV8	966247	2670198	19.97%	0.730%
39	15.368	2085	2088	2092	rVB	1376724	1836602	13.74%	0.502%
40	15.427	2092	2098	2108	rVB2	2514912	6918358	51.75%	1.893%
41	15.545	2115	2118	2121	rVV3	741094	1040808	7.79%	0.285%
42	15.627	2127	2132	2140	rVB3	1711076	3012085	22.53%	0.824%
43	15.710	2140	2146	2153	rBV3	1040912	2404858	17.99%	0.658%
44	15.833	2162	2167	2169	rBV	1287723	1947531	14.57%	0.533%
45	15.863	2169	2172	2179	rVB2	1074740	1711537	12.80%	0.468%
46	16.086	2205	2210	2220	rVV3	2234149	5166179	38.64%	1.413%
47	16.227	2230	2234	2238	rBV	624978	1052247	7.87%	0.288%
48	16.427	2260	2268	2273	rBV3	1563393	4364561	32.65%	1.194%
49	16.480	2273	2277	2282	rVV	1889980	3083934	23.07%	0.844%
50	16.580	2289	2294	2298	rVB	1218507	1984407	14.84%	0.543%
51	16.874	2341	2344	2348	rVB	1295568	1694990	12.68%	0.464%
52	16.939	2348	2355	2364	rVB2	2252645	5100915	38.16%	1.395%
53	17.198	2388	2399	2402	rBV	4940345	12814471	95.86%	3.505%
54	17.268	2406	2411	2414	rBV	2959186	4216387	31.54%	1.153%
55	17.309	2414	2418	2423	rVB2	739292	1424210	10.65%	0.390%
56	17.533	2451	2456	2461	rBV3	875504	1925622	14.40%	0.527%
57	17.615	2466	2470	2477	rVV5	1306855	2517770	18.83%	0.689%
58	17.709	2479	2486	2491	rVB	1811129	3220975	24.09%	0.881%
59	17.851	2504	2510	2515	rVB	1313368	2598221	19.44%	0.711%
60	18.009	2530	2537	2541	rVV	3449059	7095911	53.08%	1.941%
61	18.062	2541	2546	2552	rVB	3925492	6899365	51.61%	1.887%
62	18.139	2553	2559	2565	rBV2	1904336	3901807	29.19%	1.067%
63	18.209	2565	2571	2575	rVV	4511289	10421762	77.96%	2.851%
64	18.251	2575	2578	2584	rVV	3498004	5237197	39.18%	1.433%
65	18.398	2599	2603	2607	rVB2	765106	1040590	7.78%	0.285%
66	18.504	2617	2621	2625	rVB	1313674	1744305	13.05%	0.477%
67	18.556	2628	2630	2638	rVB4	1043610	1538405	11.51%	0.421%
68	18.721	2654	2658	2660	rBV	940970	1382858	10.34%	0.378%
69	18.751	2660	2663	2668	rVV3	815510	1067576	7.99%	0.292%
70	18.839	2675	2678	2683	rVB3	1109839	1539054	11.51%	0.421%
71	18.939	2687	2695	2699	rBV3	3289492	7337865	54.89%	2.007%

LSC Area Percent Report

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Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

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 >
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Title : SVOA CALIBRATION

72	18.998	2699	2705	2708	rBV4	1447202	2842847	21.27%	0.778%
73	19.086	2713	2720	2732	rVB4	1448469	5723764	42.82%	1.566%
74	19.203	2733	2740	2744	rBV2	3649272	7141122	53.42%	1.953%
75	19.292	2752	2755	2759	rVB2	772795	1054485	7.89%	0.288%
76	19.351	2760	2765	2770	rVB	1829157	2620433	19.60%	0.717%
77	19.439	2776	2780	2784	rBV3	680412	1388302	10.38%	0.380%
78	19.580	2791	2804	2808	rVB	4912090	13368545	100.00%	3.657%
79	19.633	2808	2813	2818	rVB2	1085063	1835868	13.73%	0.502%
80	19.721	2819	2828	2831	rBV3	869046	2071719	15.50%	0.567%
81	19.792	2837	2840	2845	rVB	854744	1273842	9.53%	0.348%
82	19.886	2850	2856	2864	rVB2	1237494	3222561	24.11%	0.882%
83	20.056	2874	2885	2889	rVB	2535070	6861313	51.32%	1.877%
84	20.127	2893	2897	2899	rBV2	670060	1092848	8.17%	0.299%
85	20.156	2899	2902	2907	rVB	1361561	1938926	14.50%	0.530%
86	20.221	2908	2913	2916	rBV	1907850	2604311	19.48%	0.712%
87	20.362	2932	2937	2940	rVV	2319417	3753322	28.08%	1.027%
88	20.409	2940	2945	2955	rVB	2560894	4486455	33.56%	1.227%
89	20.968	3038	3040	3043	rVV2	828164	1076667	8.05%	0.295%
90	21.003	3043	3046	3051	rVB2	892271	1304004	9.75%	0.357%
91	21.309	3093	3098	3103	rBV2	2788718	5450308	40.77%	1.491%
92	21.368	3104	3108	3112	rVB	2684727	3801766	28.44%	1.040%
93	21.533	3132	3136	3143	rVB3	927715	1544406	11.55%	0.422%
94	21.874	3187	3194	3200	rVV	1301973	2878708	21.53%	0.787%
95	22.909	3364	3370	3380	rVB	1178532	3389621	25.36%	0.927%
96	23.386	3444	3451	3456	rBV	1054581	2246023	16.80%	0.614%
97	23.491	3462	3469	3476	rVB	1771137	3546966	26.53%	0.970%
98	24.450	3627	3632	3644	rVB3	411026	1121079	8.39%	0.307%
99	25.850	3861	3870	3879	rVB	579788	1781863	13.33%	0.487%
100	26.562	3980	3991	4006	rVB2	437960	1571004	11.75%	0.430%

Sum of corrected areas: 365564348

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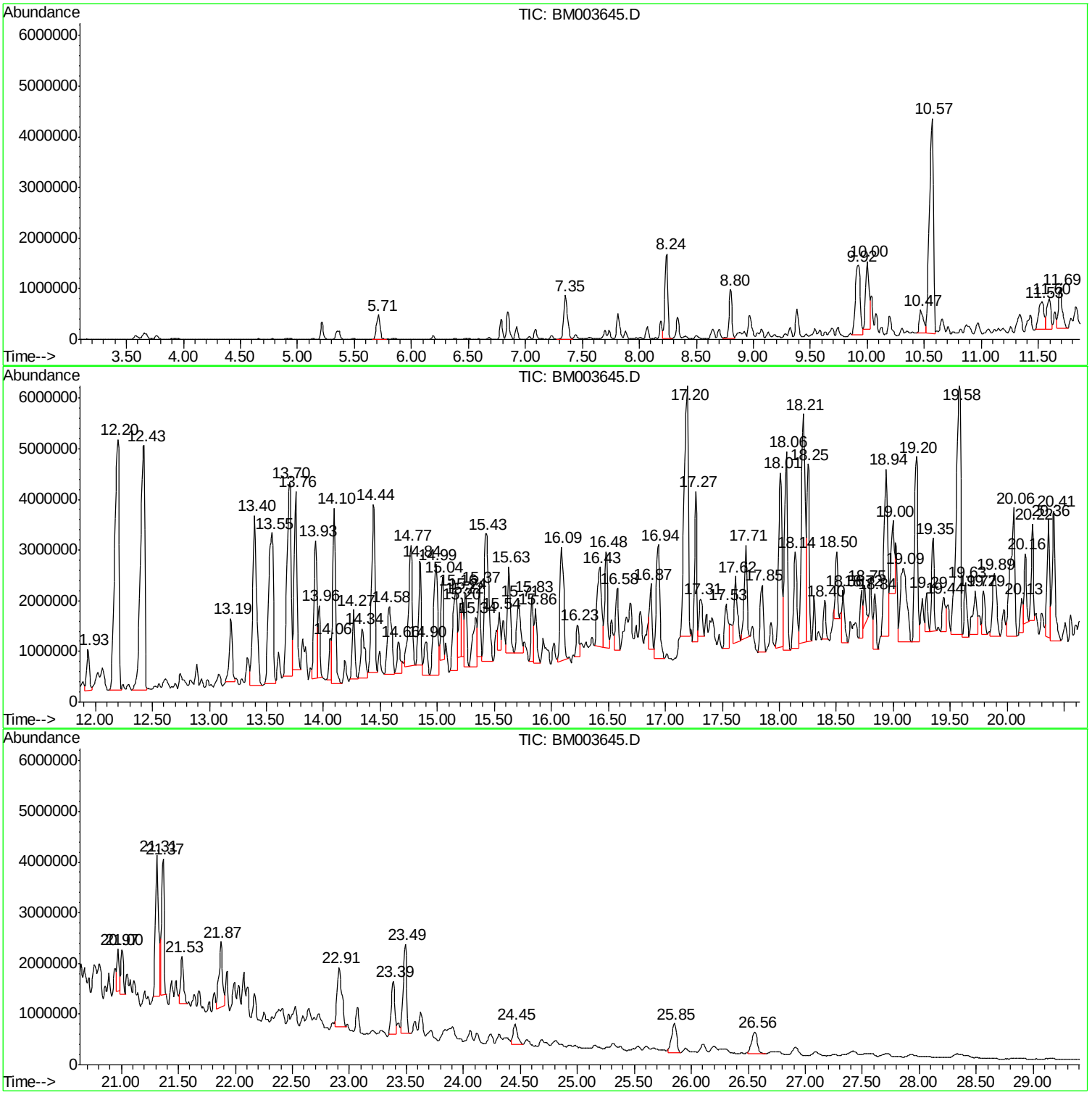
Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

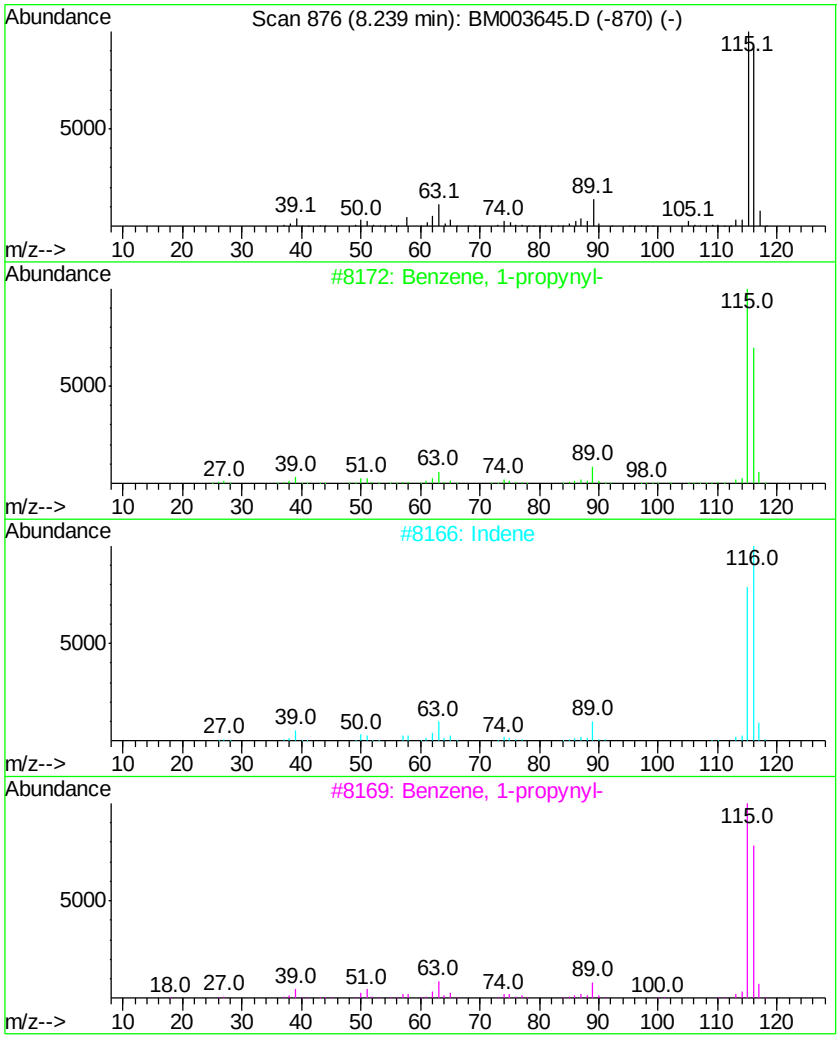
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

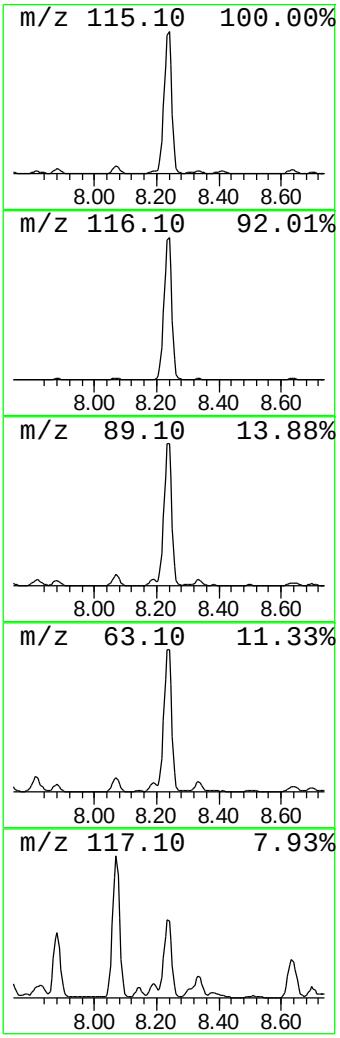
****

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	28.67 ng/ul	2900110	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	93
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

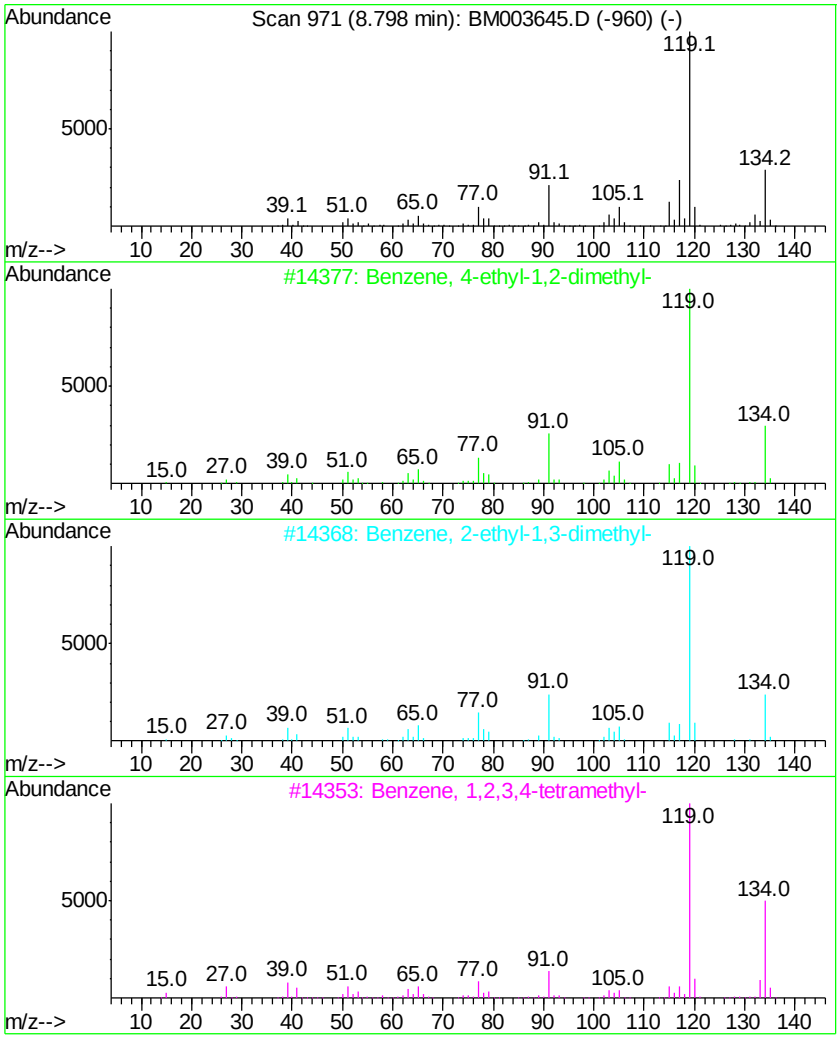
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

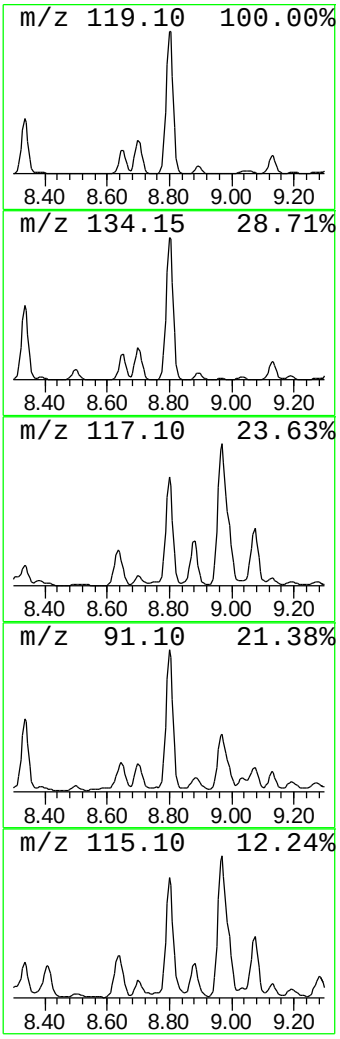
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	15.75 ng/ul	1593130	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

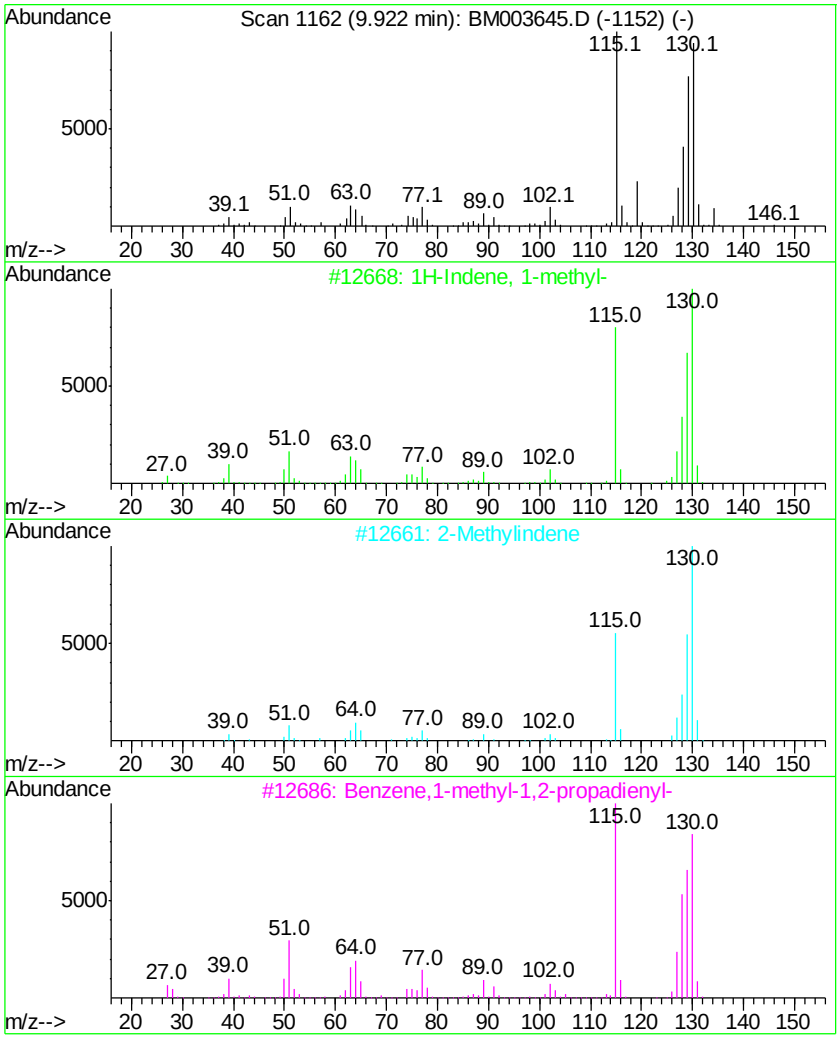
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

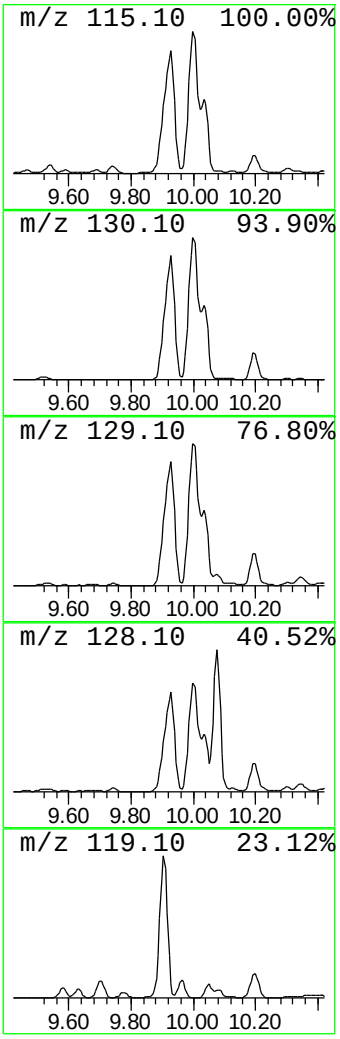
****

Peak Number 5 1H-Indene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	68.37 ng/ul	4030080	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	2-Methylindene	130	C10H10	002177-47-1	93
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	92
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	91
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

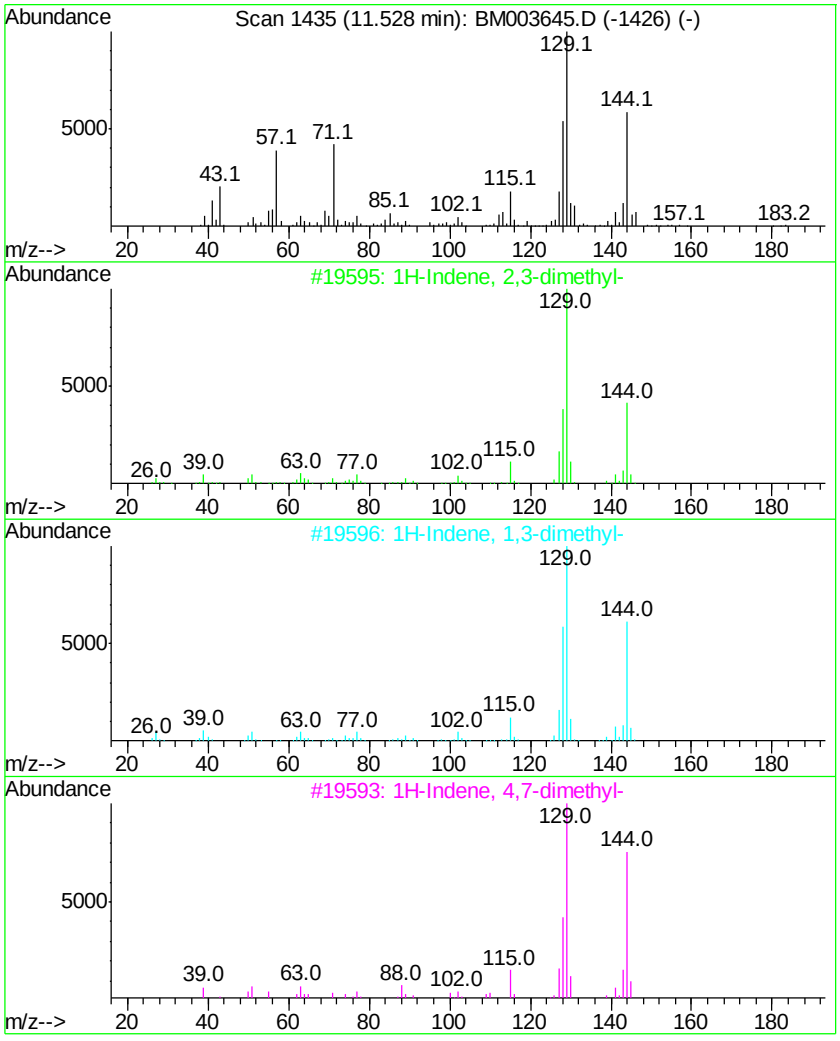
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

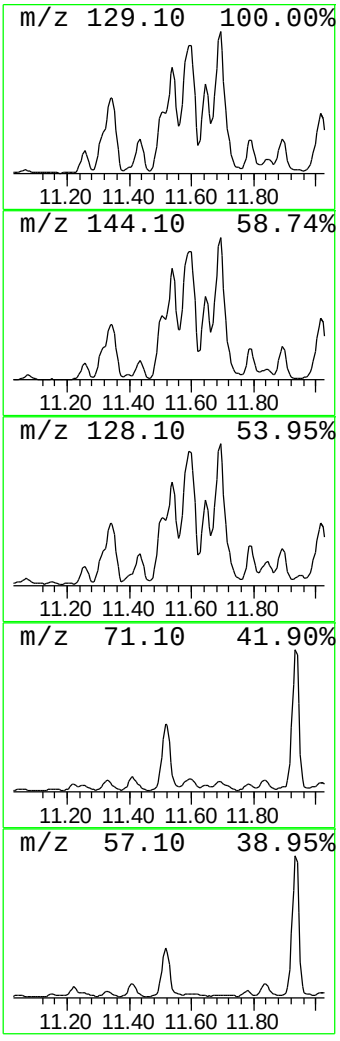
****

Peak Number 7 1H-Indene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	30.81 ng/ul	1816490	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	96
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003645.D
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Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

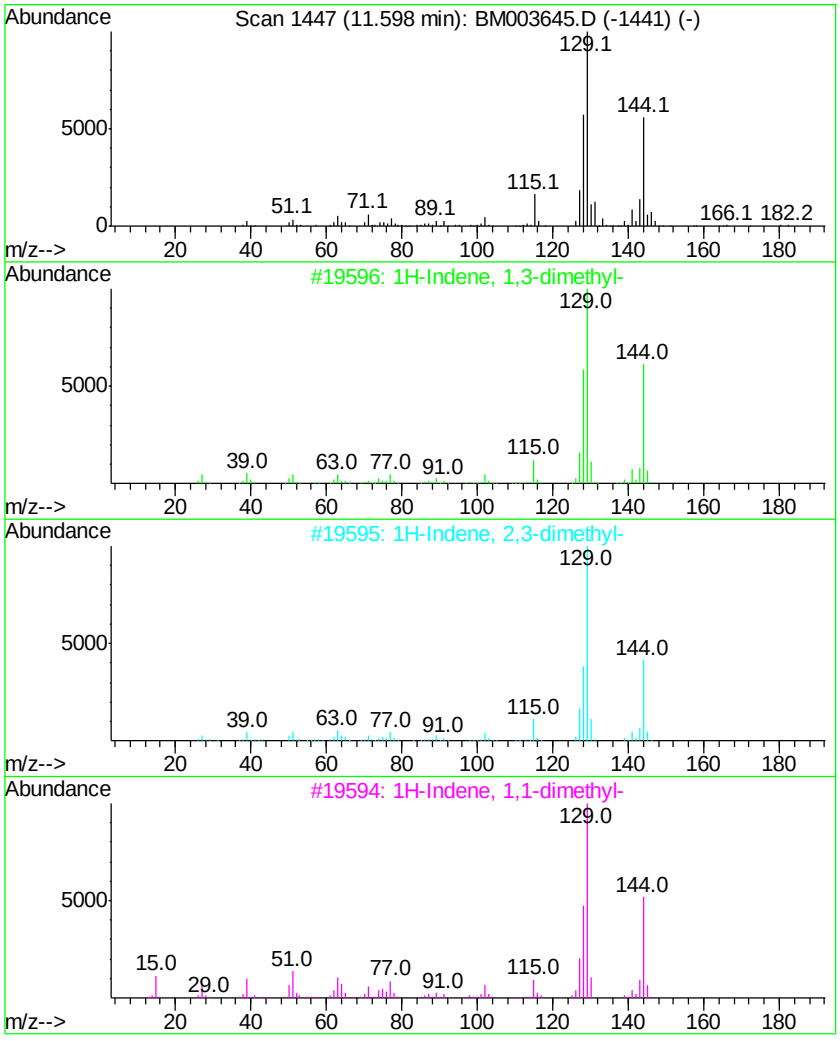
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

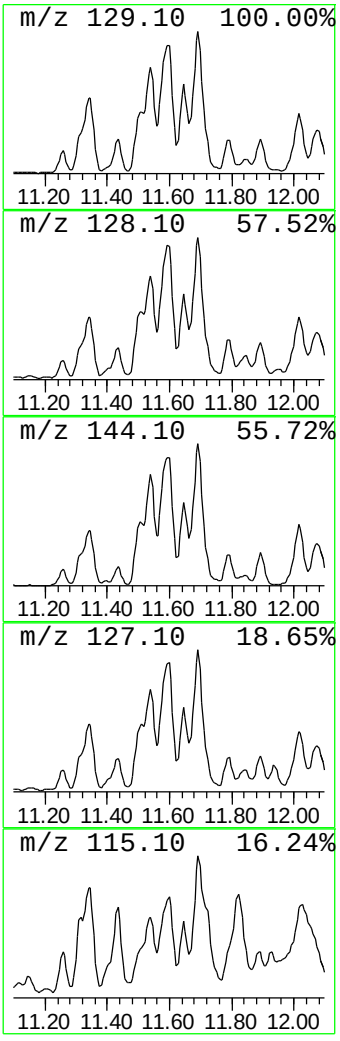
****

Peak Number 8 1H-Indene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	24.35 ng/ul	1435140	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
4	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
5	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	81





Library Search Compound Report

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Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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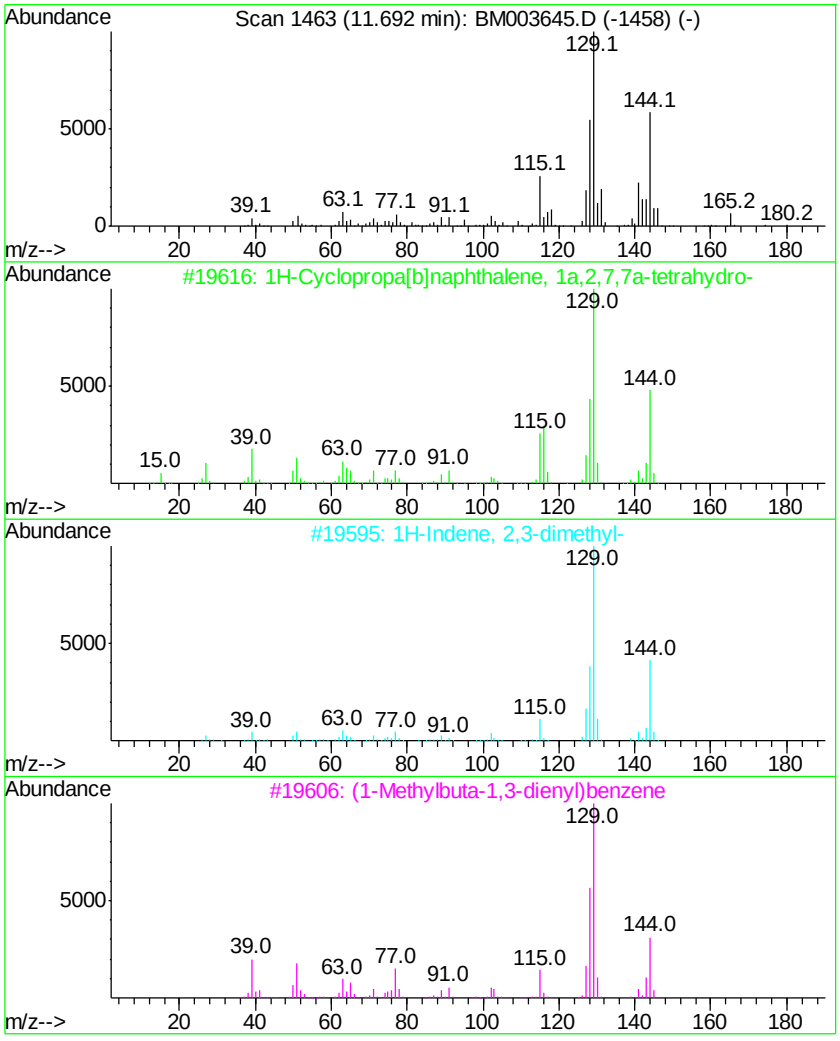
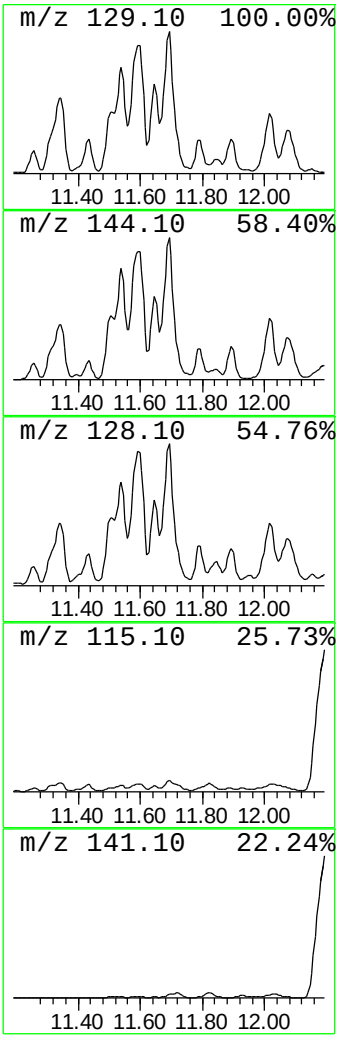
Peak Number 9 1H-Cyclopropa[b]naphthalene... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	30.52 ng/ul	1799150	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	89
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	76
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	76
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	76
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	70





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Sample : G4801-17
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Instrument : BNA_M
ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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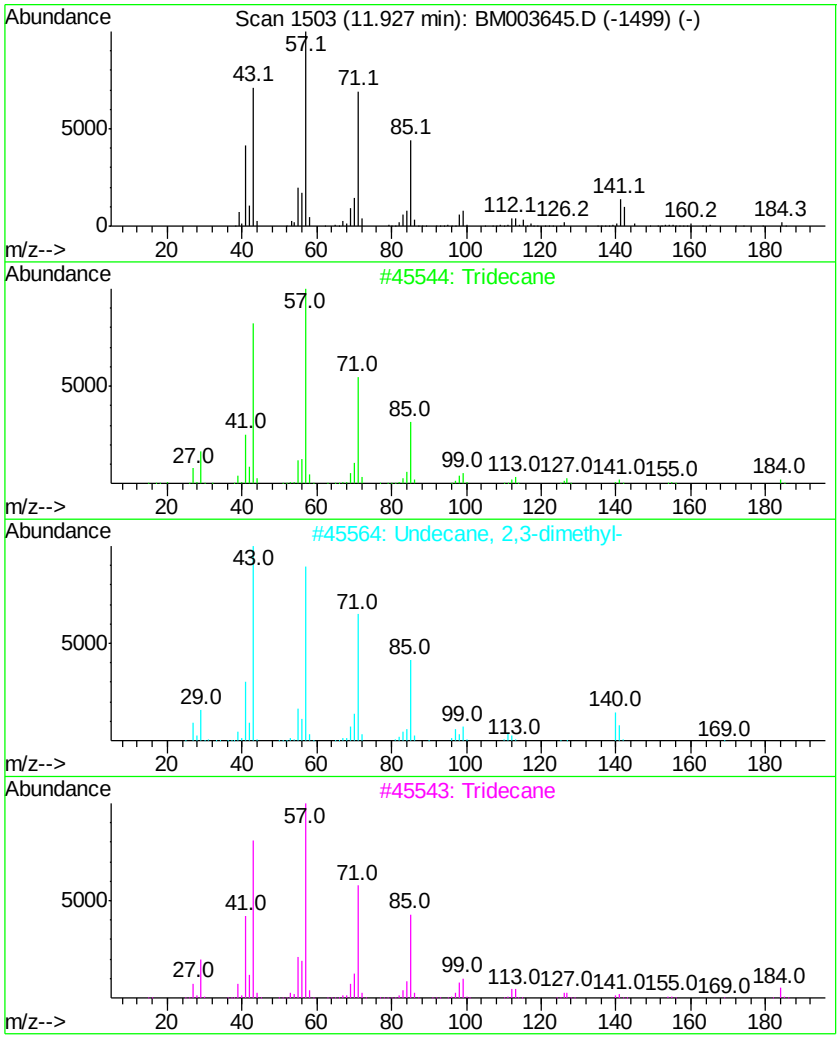
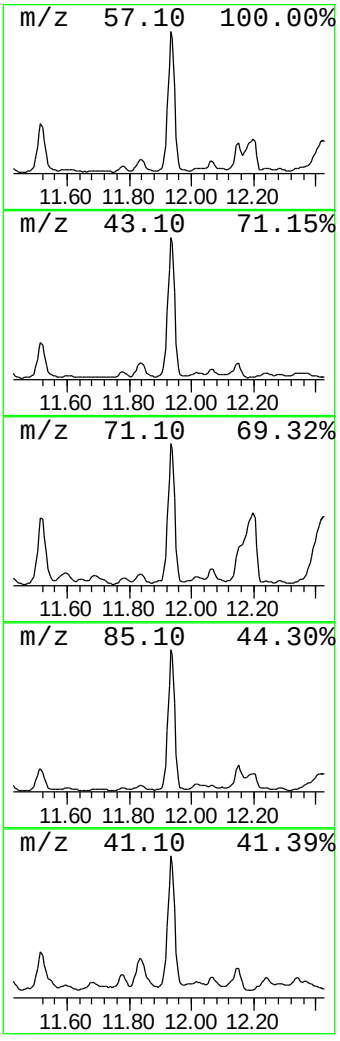
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	23.54 ng/ul	1387420	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
3	Tridecane	184	C13H28	000629-50-5	72
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5	Tridecane	184	C13H28	000629-50-5	64





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Sample : G4801-17
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Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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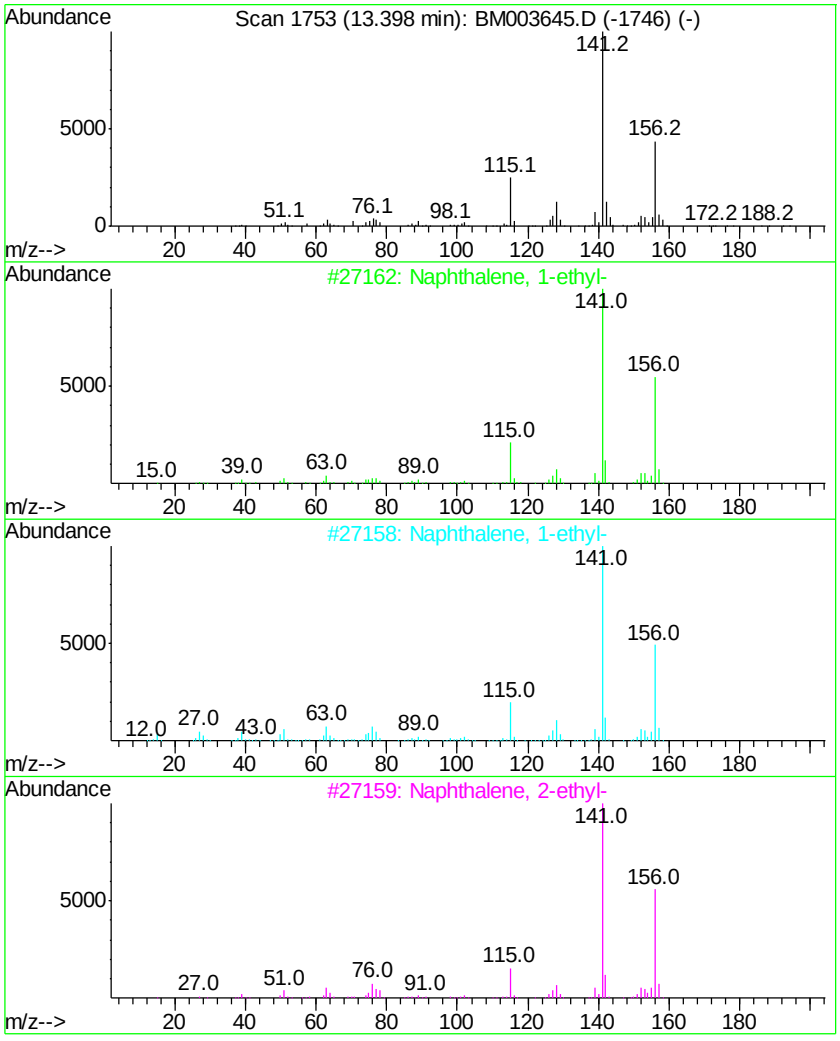
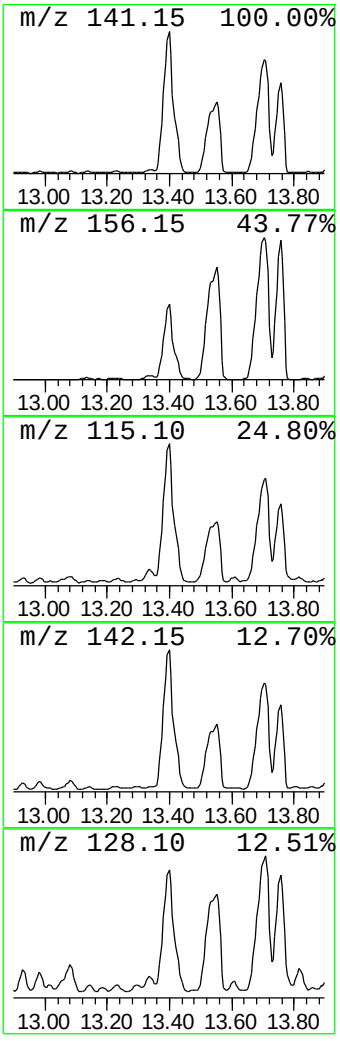
Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	68.03 ng/ul	7989230	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Misc :
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Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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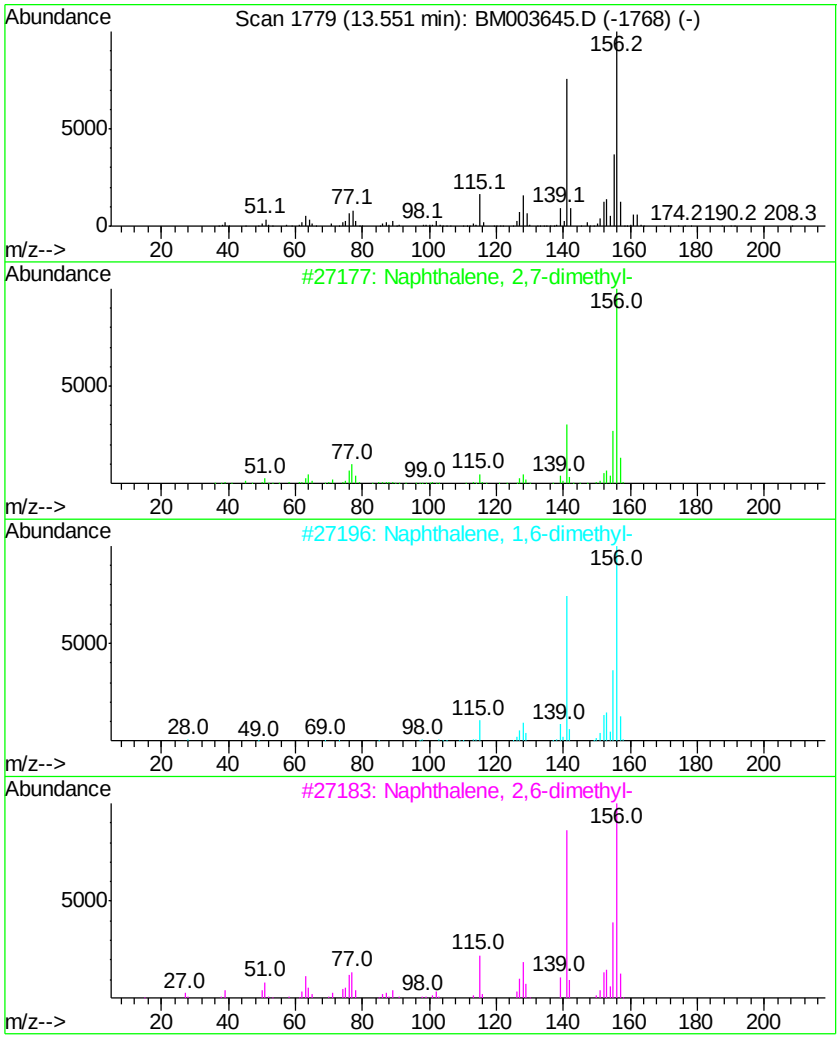
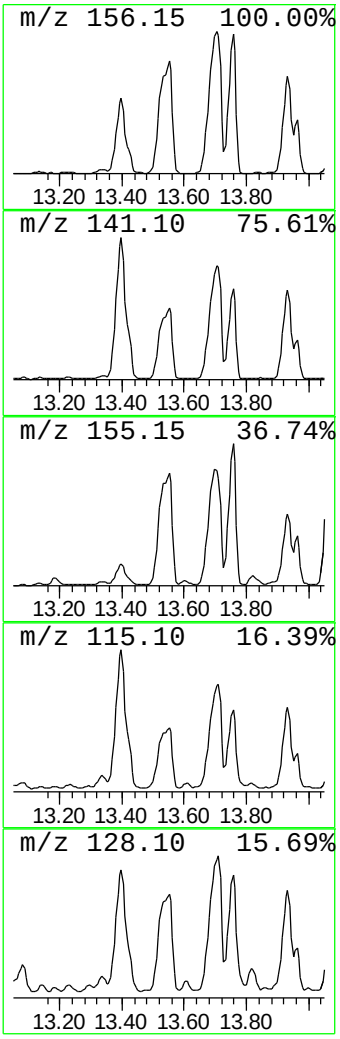
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	73.36 ng/ul	8615640	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Library Search Compound Report

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Sample : G4801-17
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ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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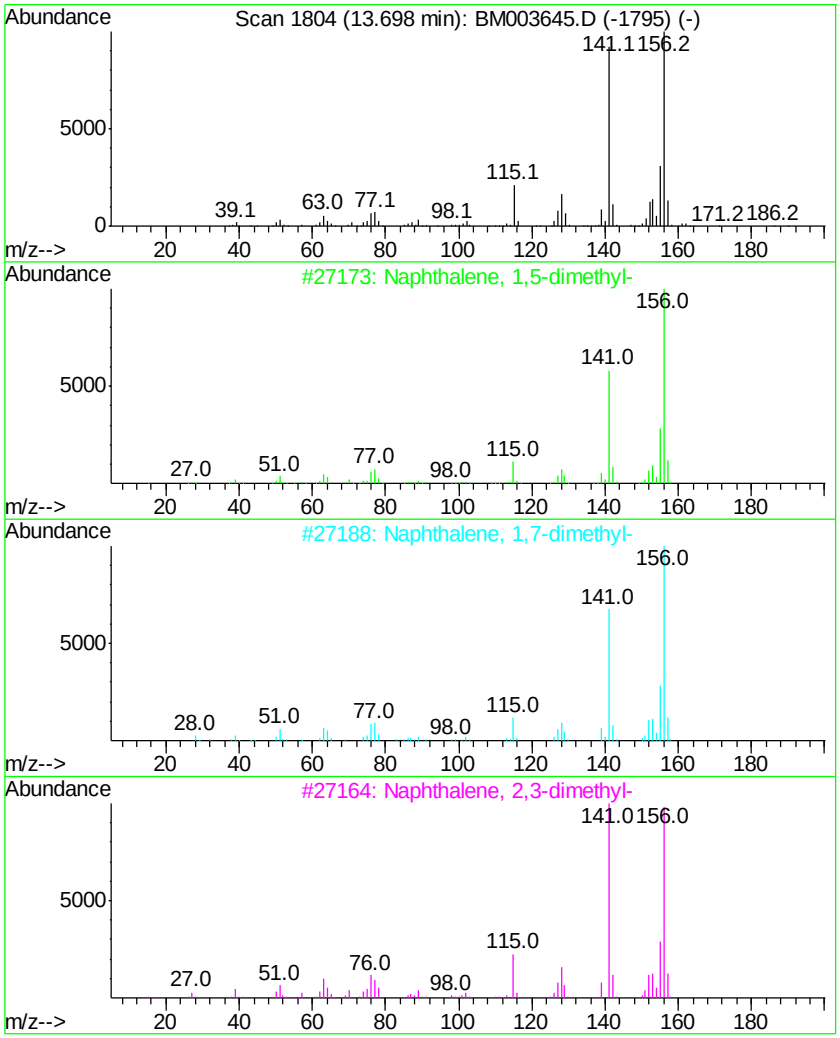
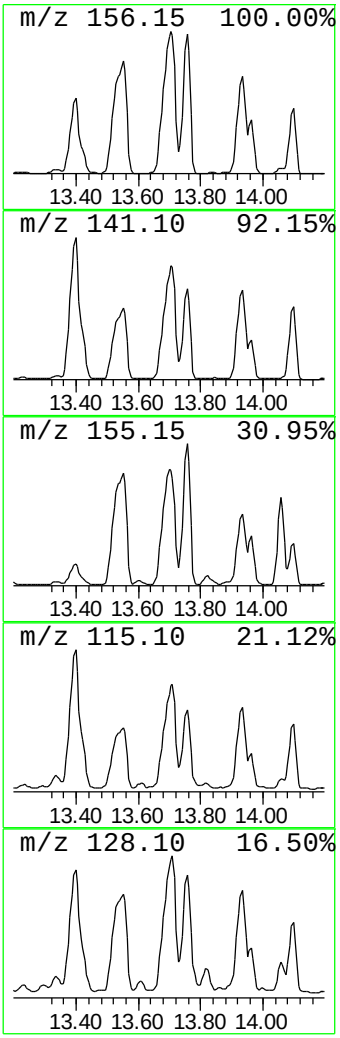
Peak Number 13 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	84.62 ng/ul	9937560	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Sample : G4801-17
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Instrument : BNA_M
ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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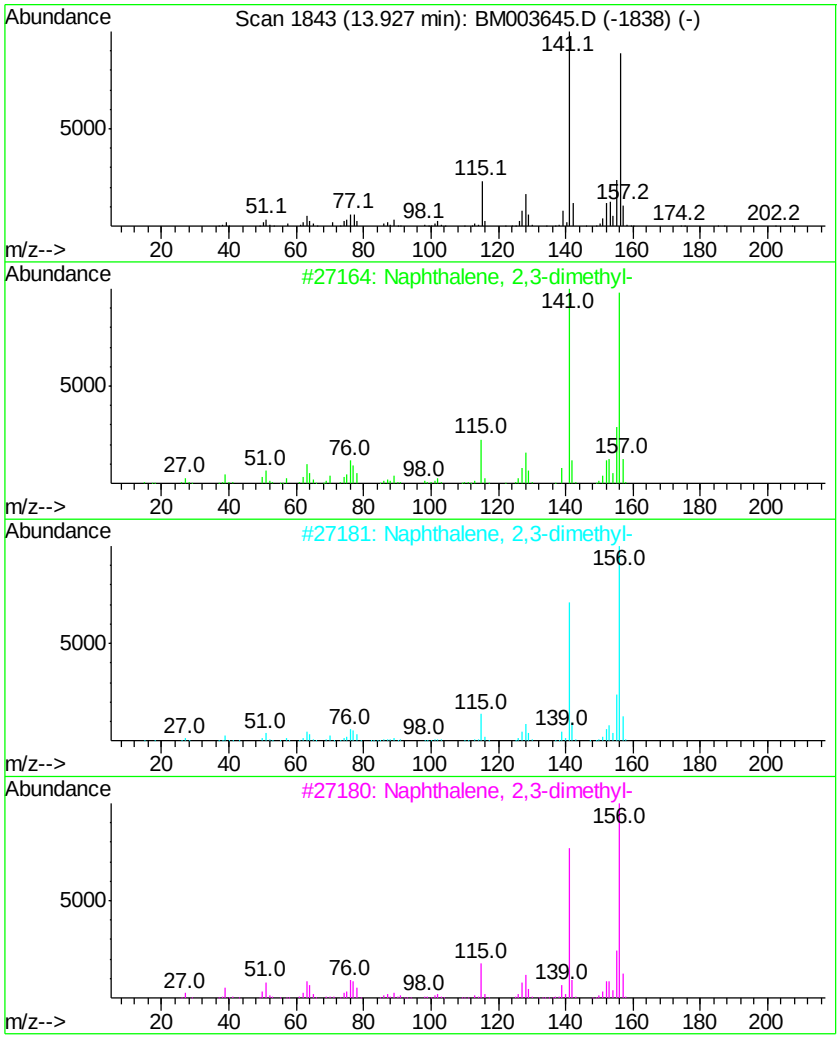
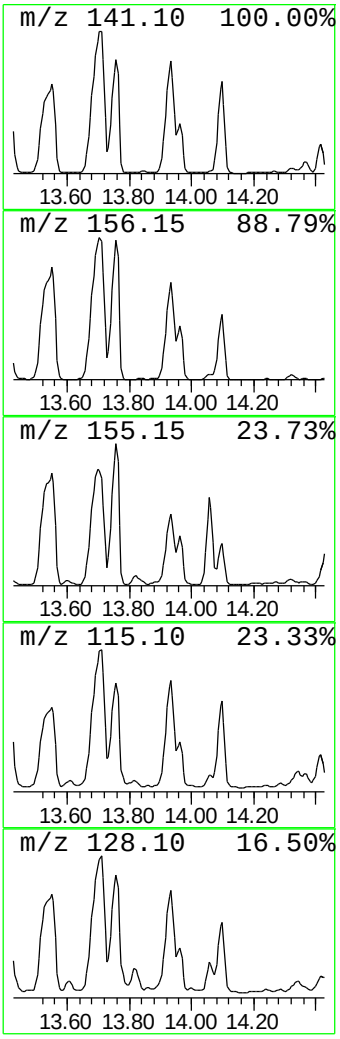
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	43.24 ng/ul	5077830	Acenaphthene-d10	14.36

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Sample : G4801-17
Misc :
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Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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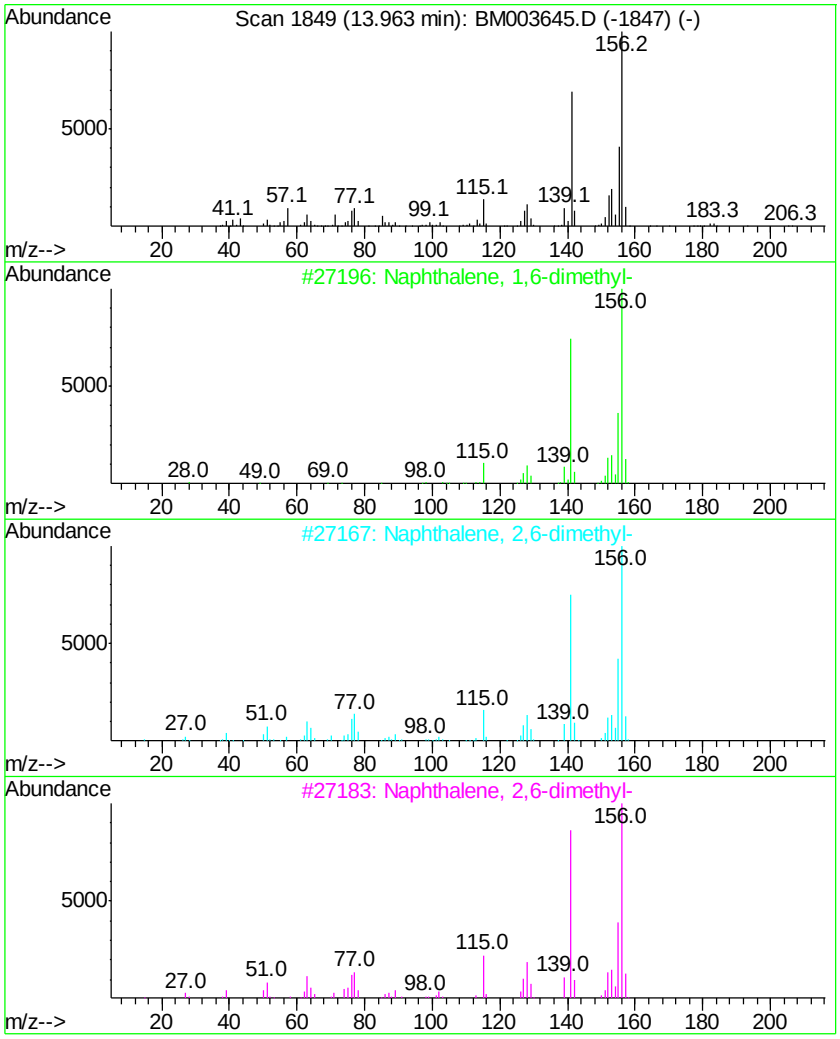
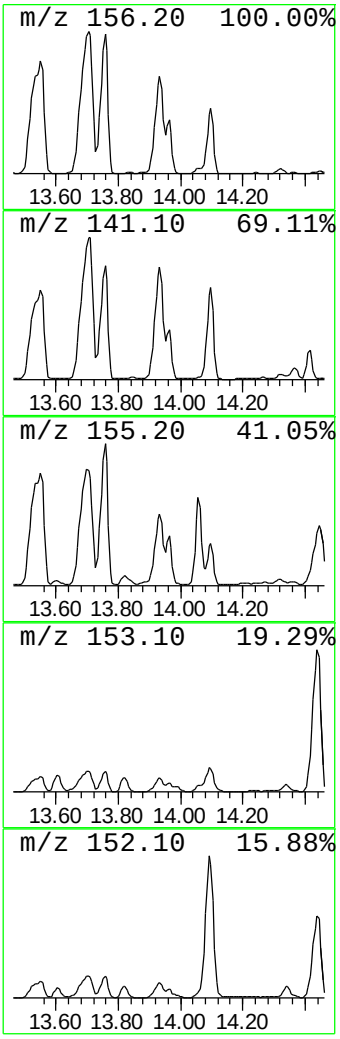
Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	12.93 ng/ul	1518350	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94





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Sample : G4801-17
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Instrument : BNA_M
ClientSampleId : G9C65

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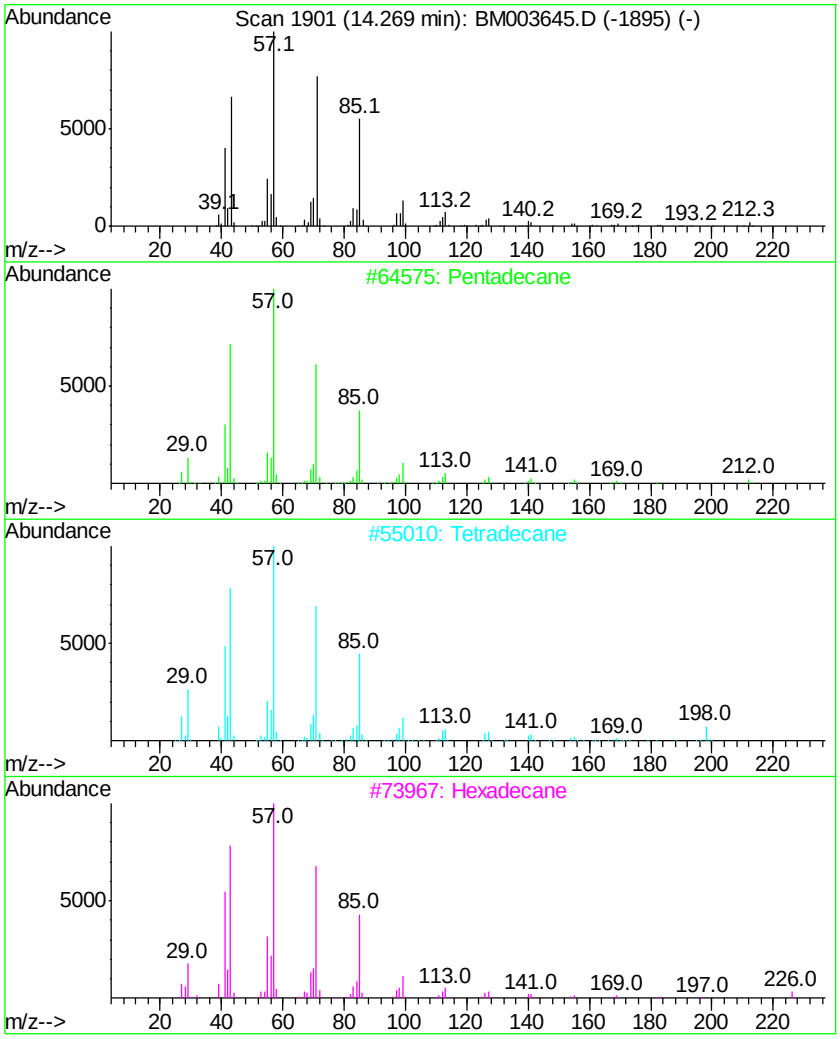
Quant Title : SVOA CALIBRATION

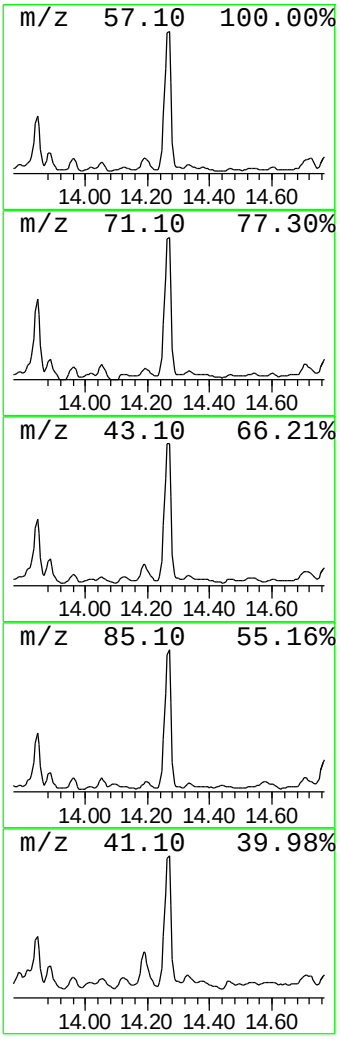
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	17.73 ng/ul	2082530	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	86





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Quant Title : SVOA CALIBRATION

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

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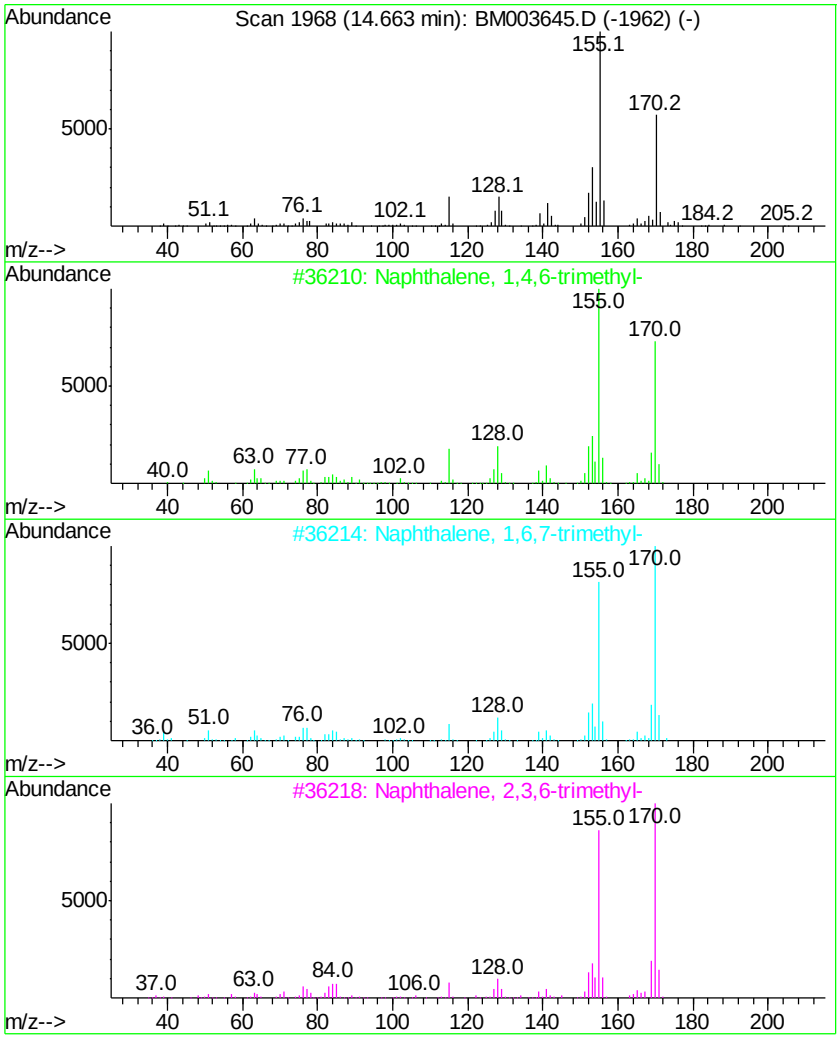
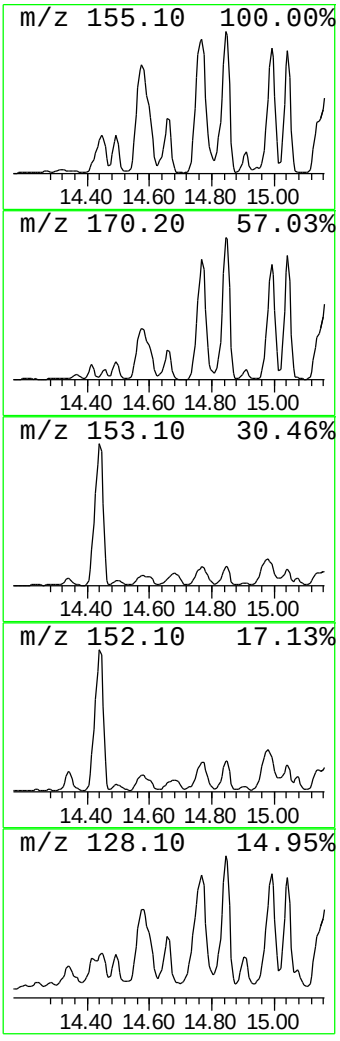
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	10.21 ng/ul	1199410	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





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Quant Title : SVOA CALIBRATION

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

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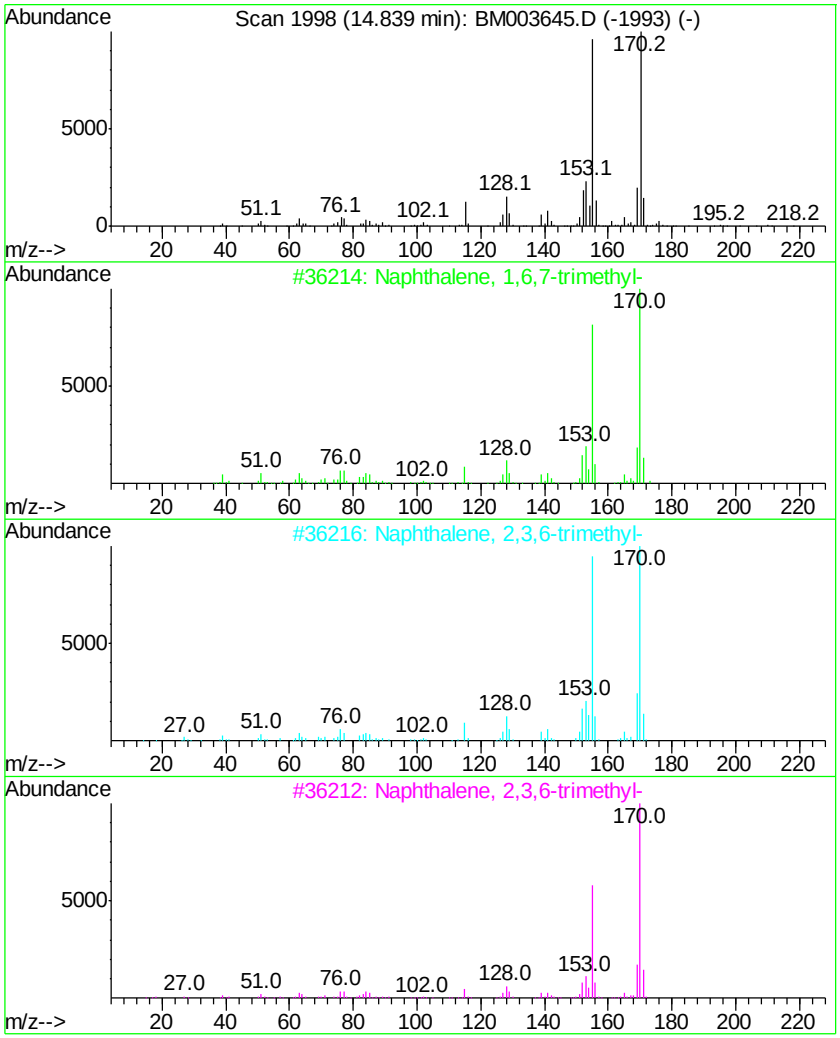
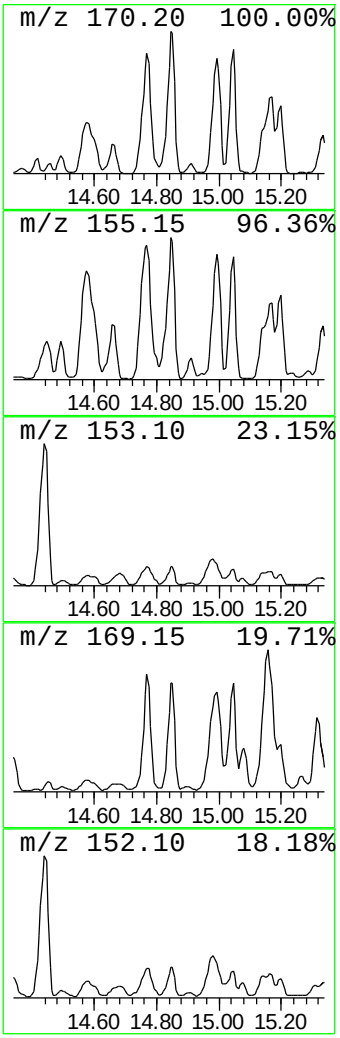
Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	27.82 ng/ul	3266910	Acenaphthene-d10	14.36

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





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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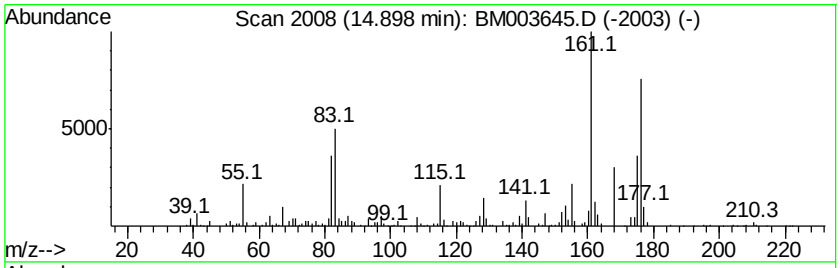
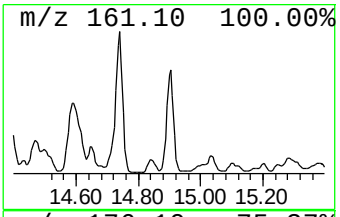
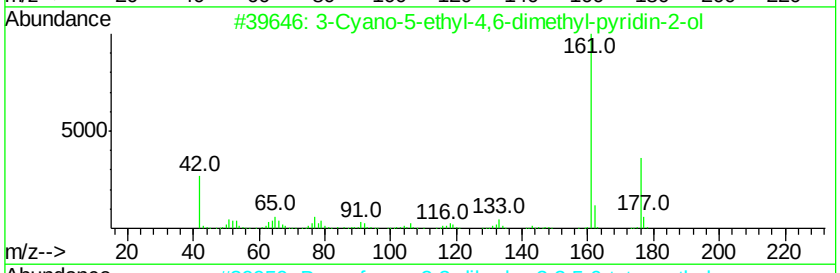
Peak Number 19 unknown-01 Concentration Rank 28

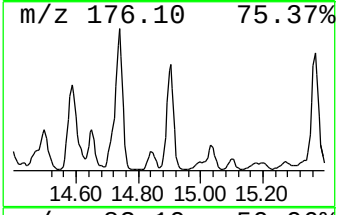
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	11.99 ng/ul	1408130	Acenaphthene-d10	14.36

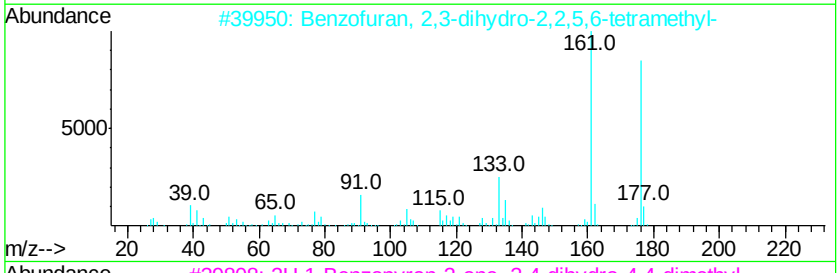
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyano-5-ethyl-4,6-dimethyl-pyr...	176	C10H12N2O	151693-96-8	49
2	Benzofuran, 2,3-dihydro-2,2,5,6-...	176	C12H16O	063577-97-9	47
3	2H-1-Benzopyran-2-one, 3,4-dihyd...	176	C11H12O2	029598-22-9	47
4	2-Acetyl-7-hydroxybenzofuran	176	C10H8O3	040020-87-9	47
5	Benzofuran, 2,3-dihydro-2,2,4,6-...	176	C12H16O	003698-49-5	47

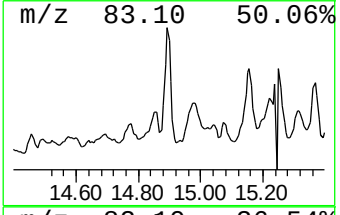


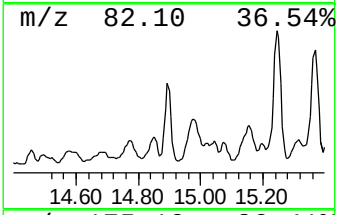


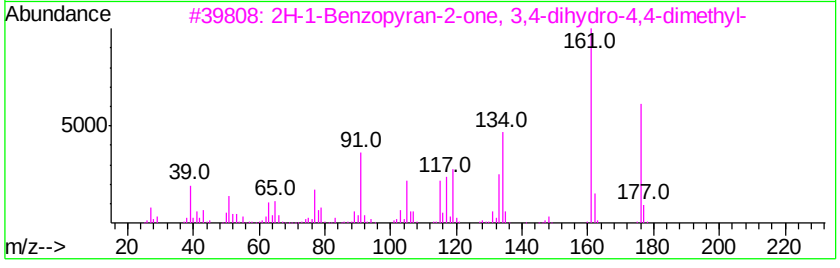


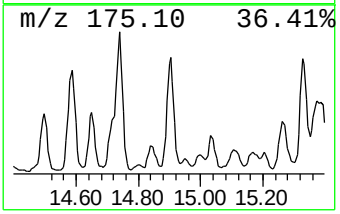












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Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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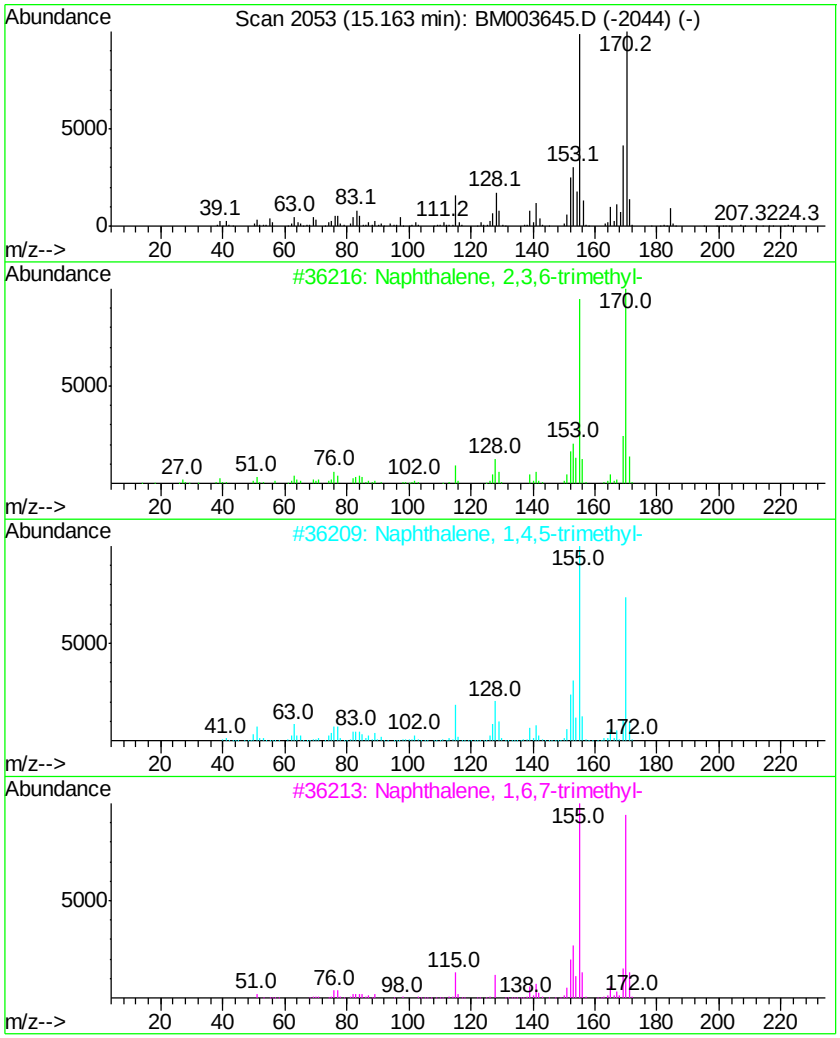
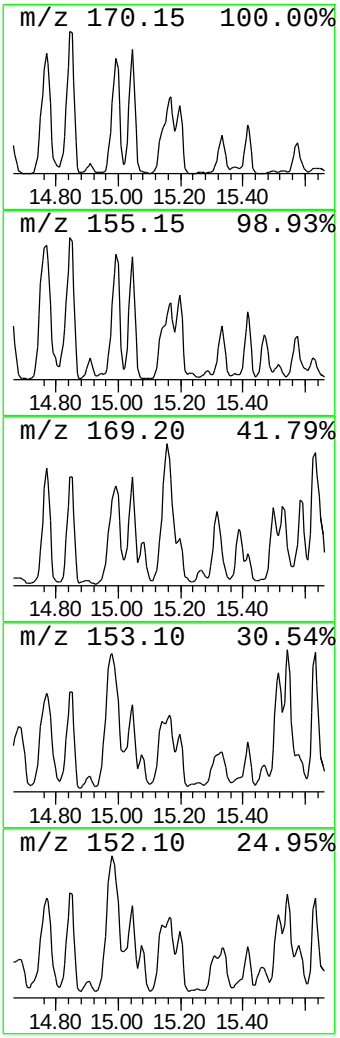
Peak Number 22 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	36.22 ng/ul	4253380	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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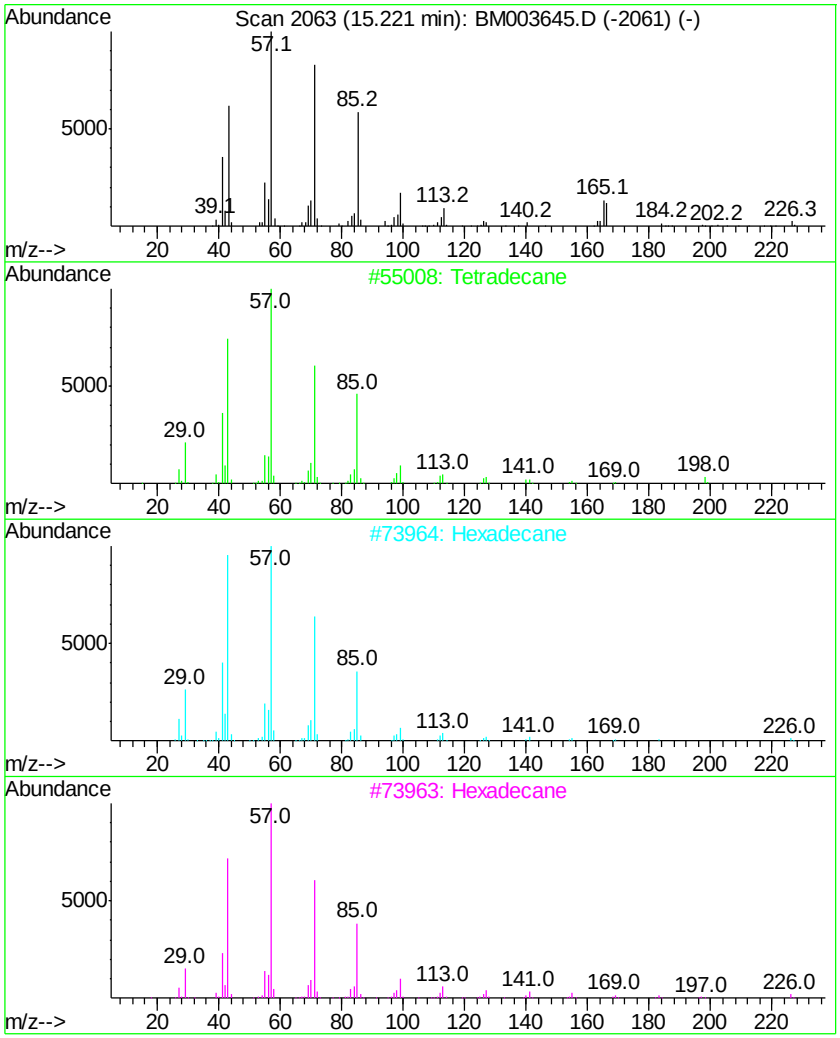
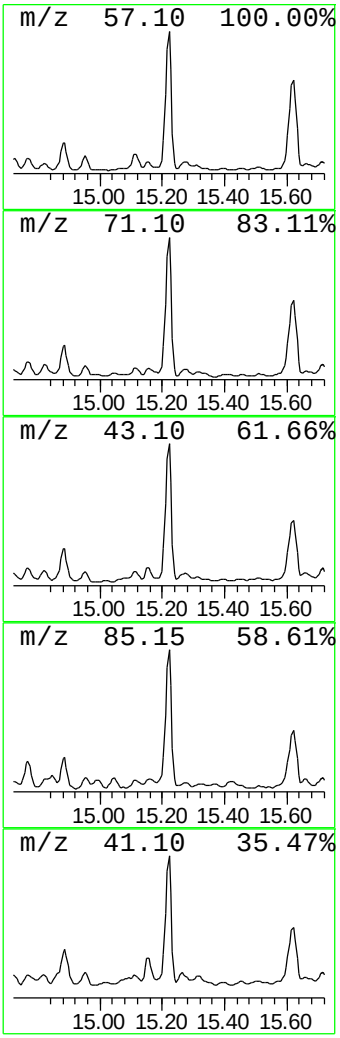
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	11.59 ng/ul	1361190	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	Hexadecane	226	C16H34	000544-76-3	76
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	68
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





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Instrument : BNA_M
ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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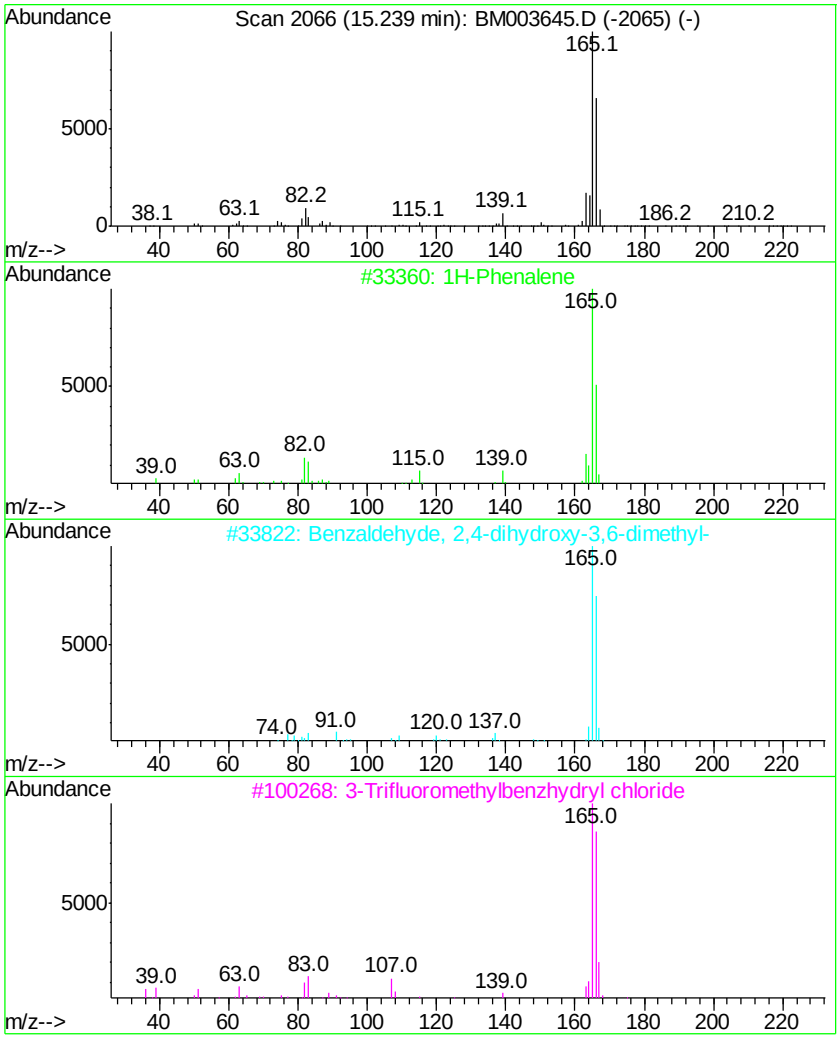
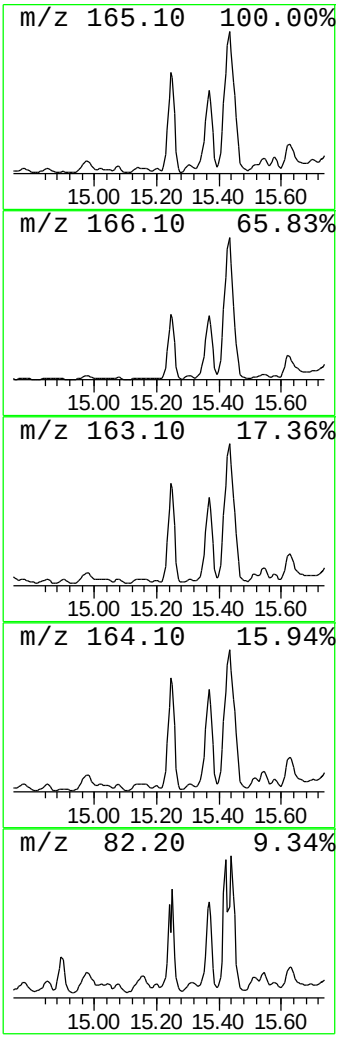
Peak Number 25 1H-Phenalene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	16.41 ng/ul	1926570	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	72
3	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	56
4	Fluorene	166	C13H10	000086-73-7	50
5	Fluorene	166	C13H10	000086-73-7	42





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Sample : G4801-17
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ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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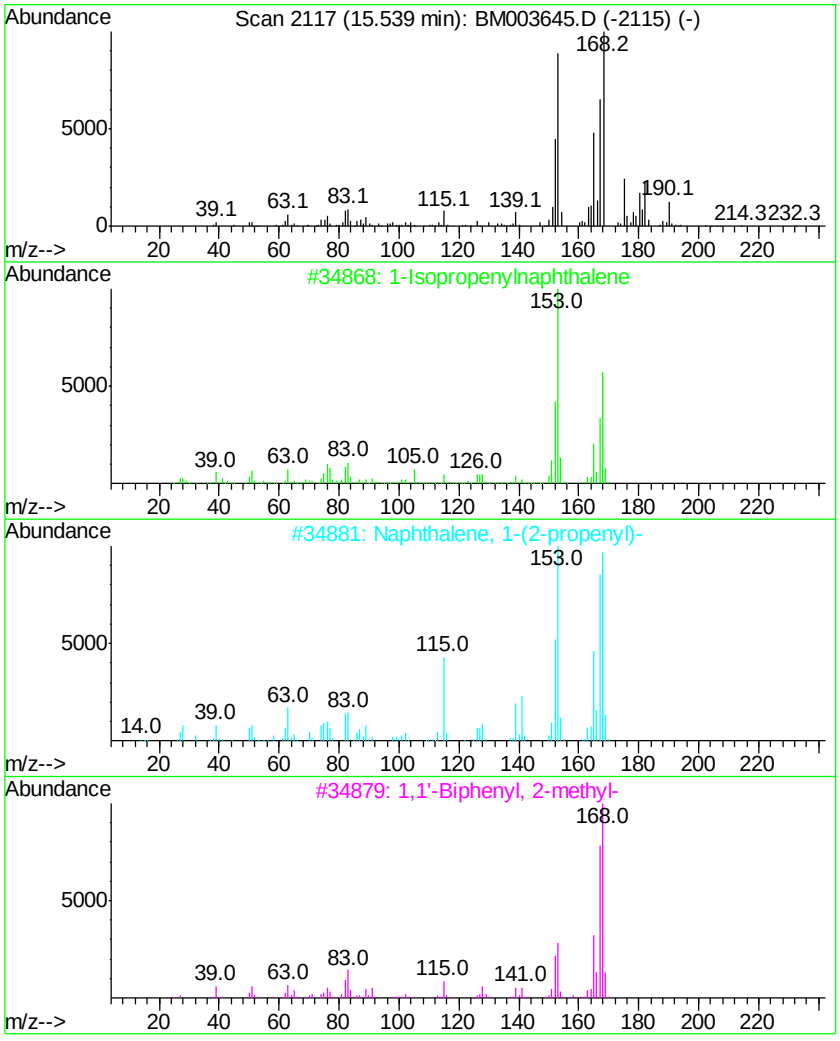
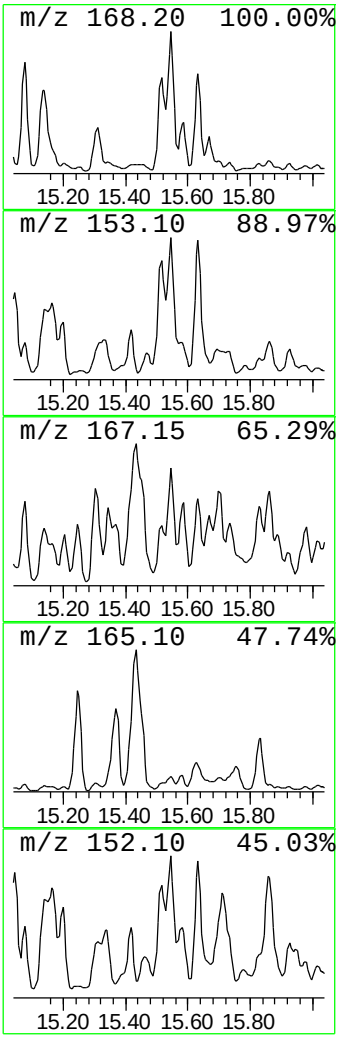
Peak Number 26 1-Isopropenylnaphthalene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	8.86 ng/ul	1040810	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	52





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Quant Title : SVOA CALIBRATION

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

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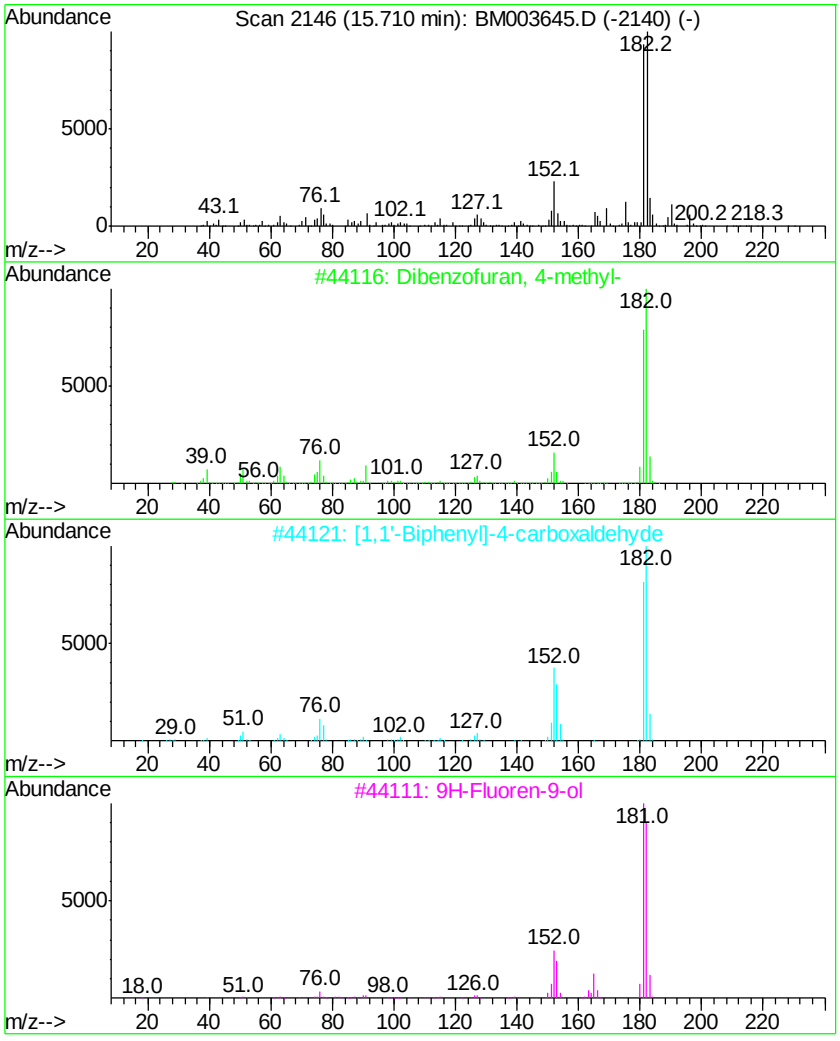
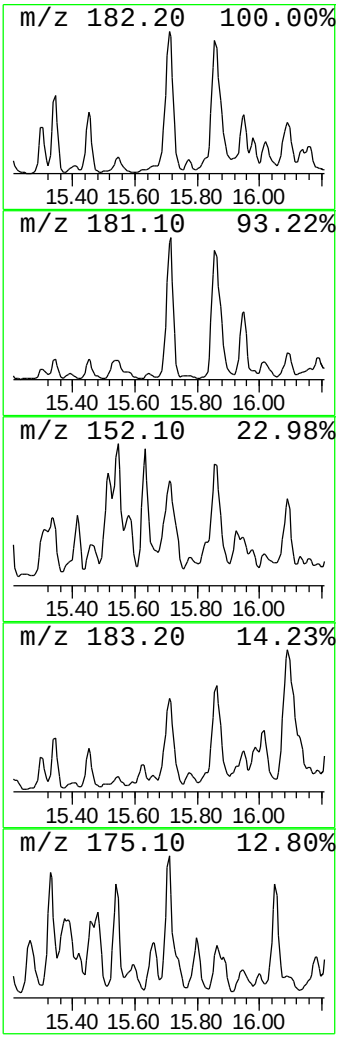
Peak Number 28 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	20.48 ng/ul	2404860	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	74
4	2-Fluorenamine	181	C13H11N	000153-78-6	50
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	50





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Sample : G4801-17
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Instrument : BNA_M
ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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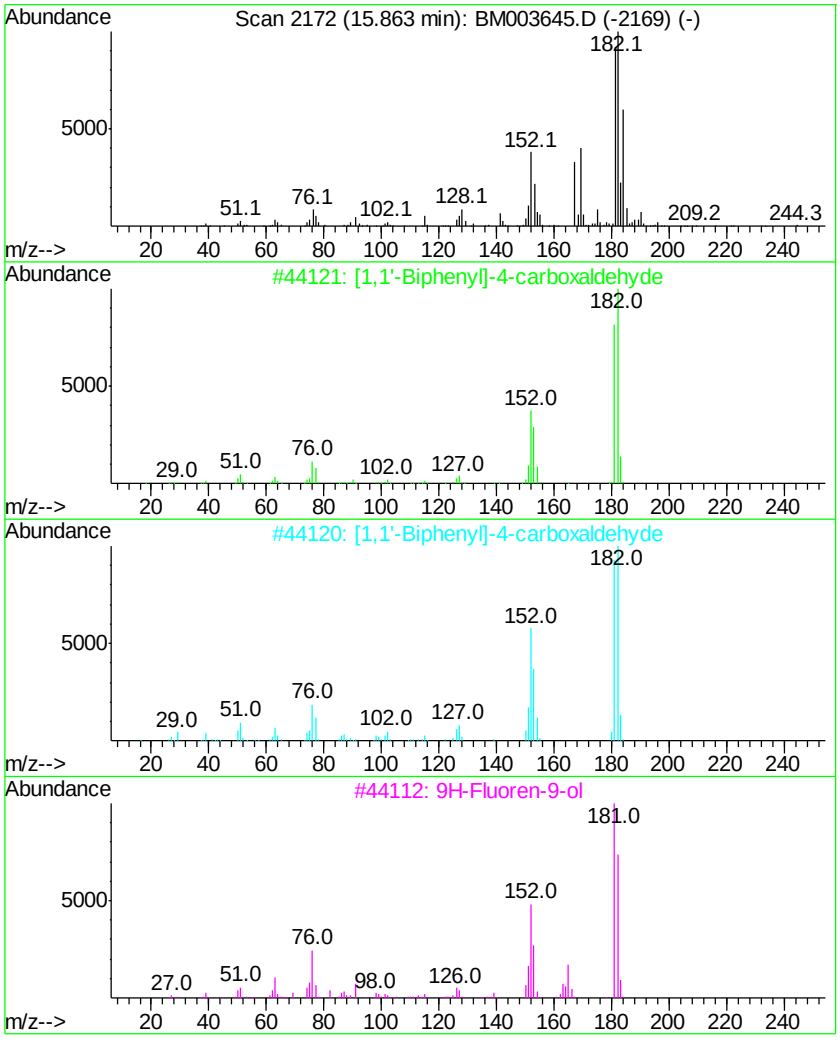
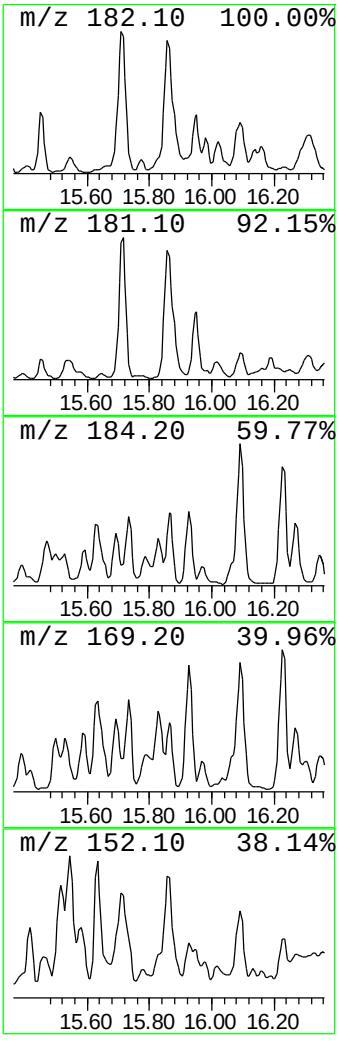
Peak Number 30 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.67 ng/ul	1711540	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	47
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	46





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ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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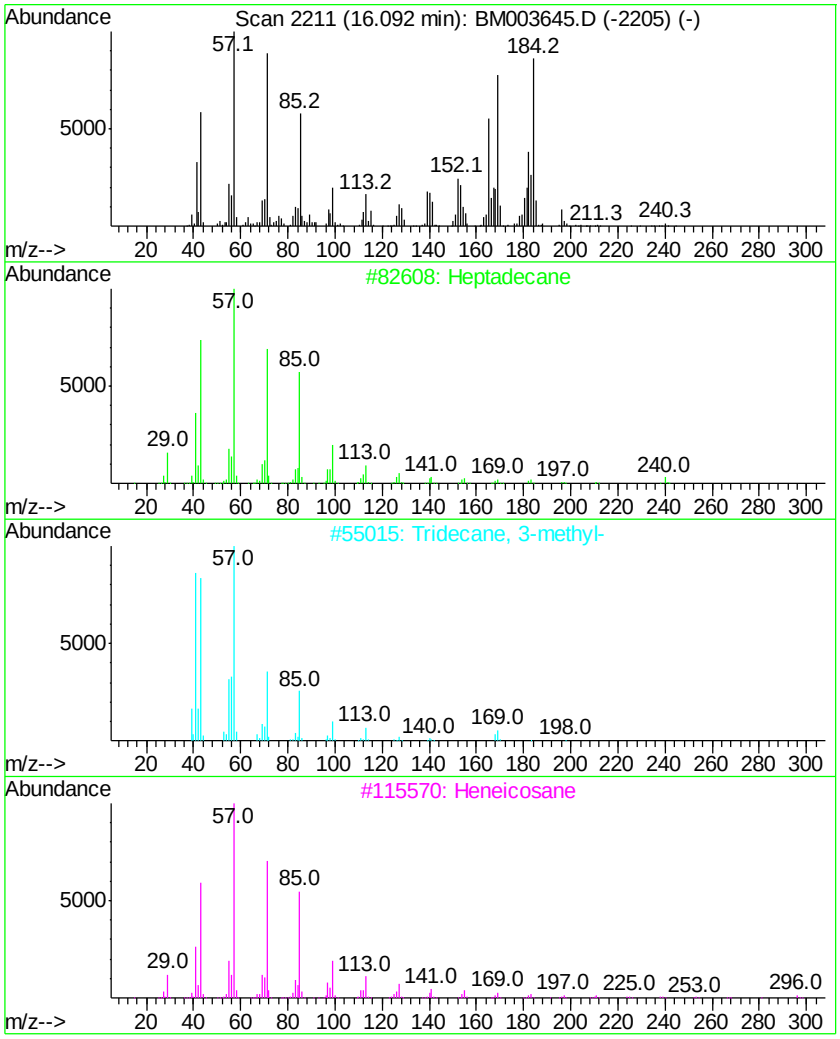
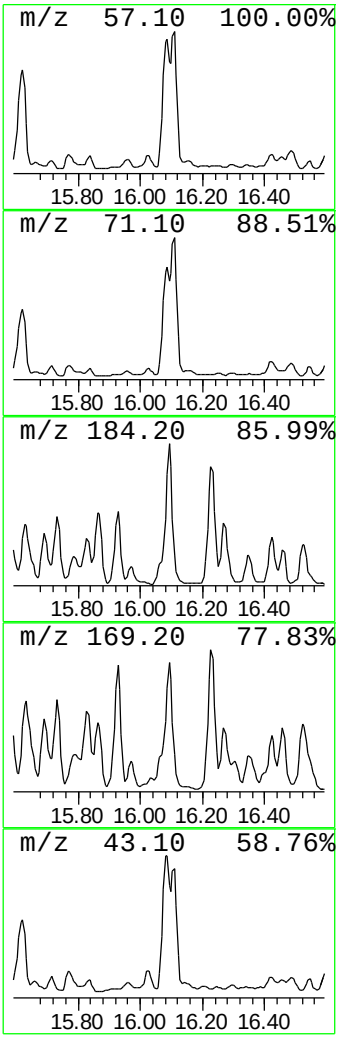
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	8.06 ng/ul	5166180	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	45
3	Heneicosane	296	C21H44	000629-94-7	42
4	Hexadecane	226	C16H34	000544-76-3	38
5	Hexadecane	226	C16H34	000544-76-3	38





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Sample : G4801-17
Misc :
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Instrument : BNA_M
ClientSampleId : G9C65

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Quant Title : SVOA CALIBRATION

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

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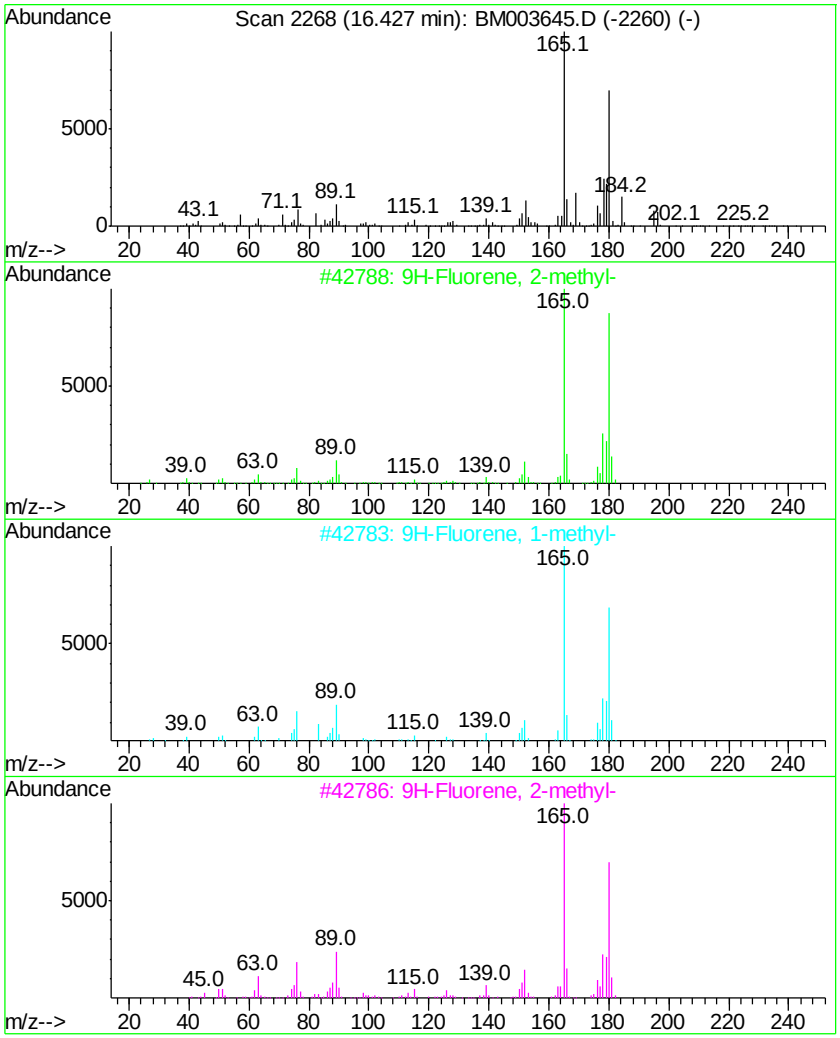
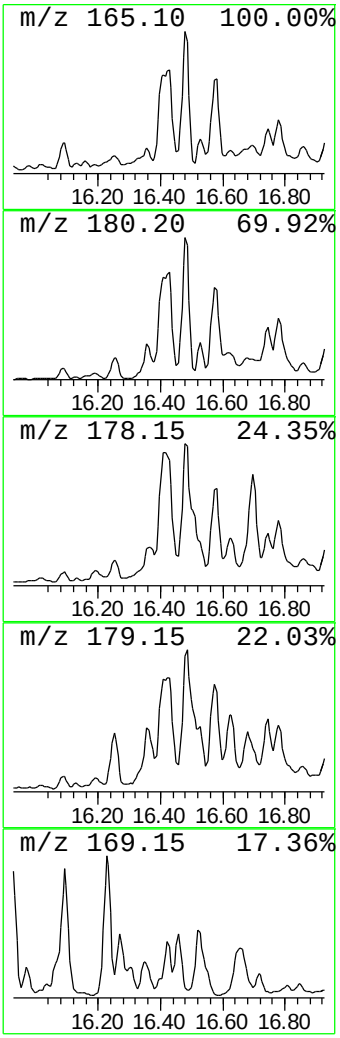
Peak Number 32 9H-Fluorene, 2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	6.81 ng/ul	4364560	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70





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Sample : G4801-17
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Quant Title : SVOA CALIBRATION

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

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Peak Number 33 9H-Fluorene, 1-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	4.81 ng/ul	3083930	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
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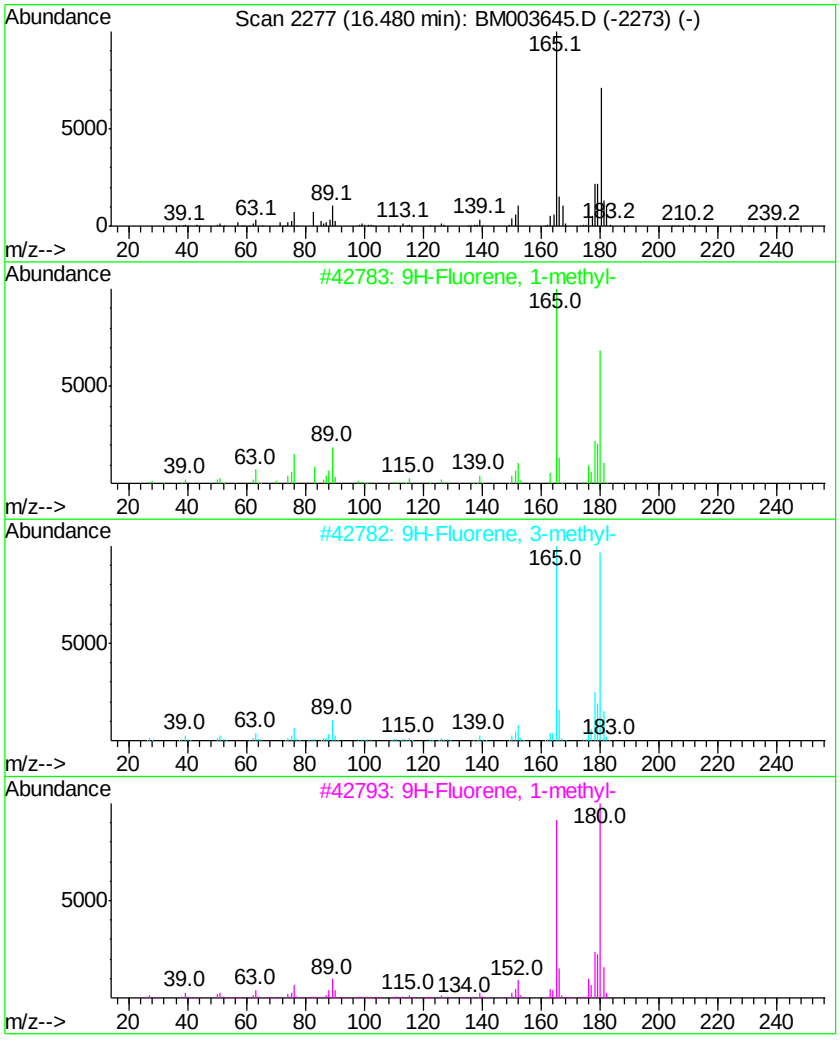

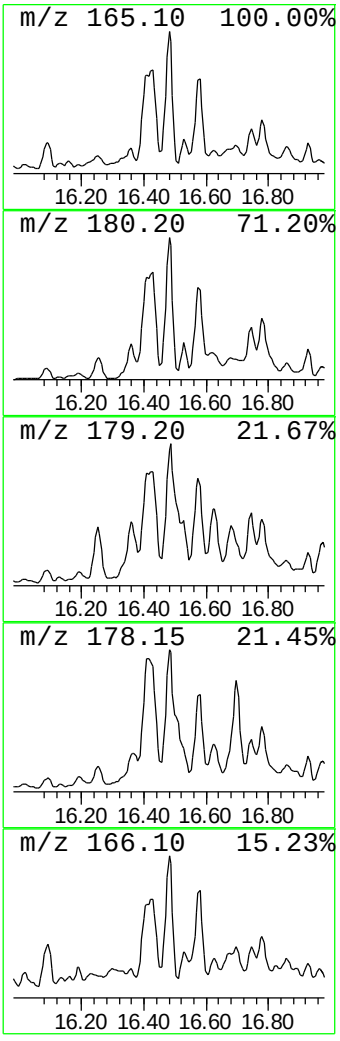

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Quant Title : SVOA CALIBRATION

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

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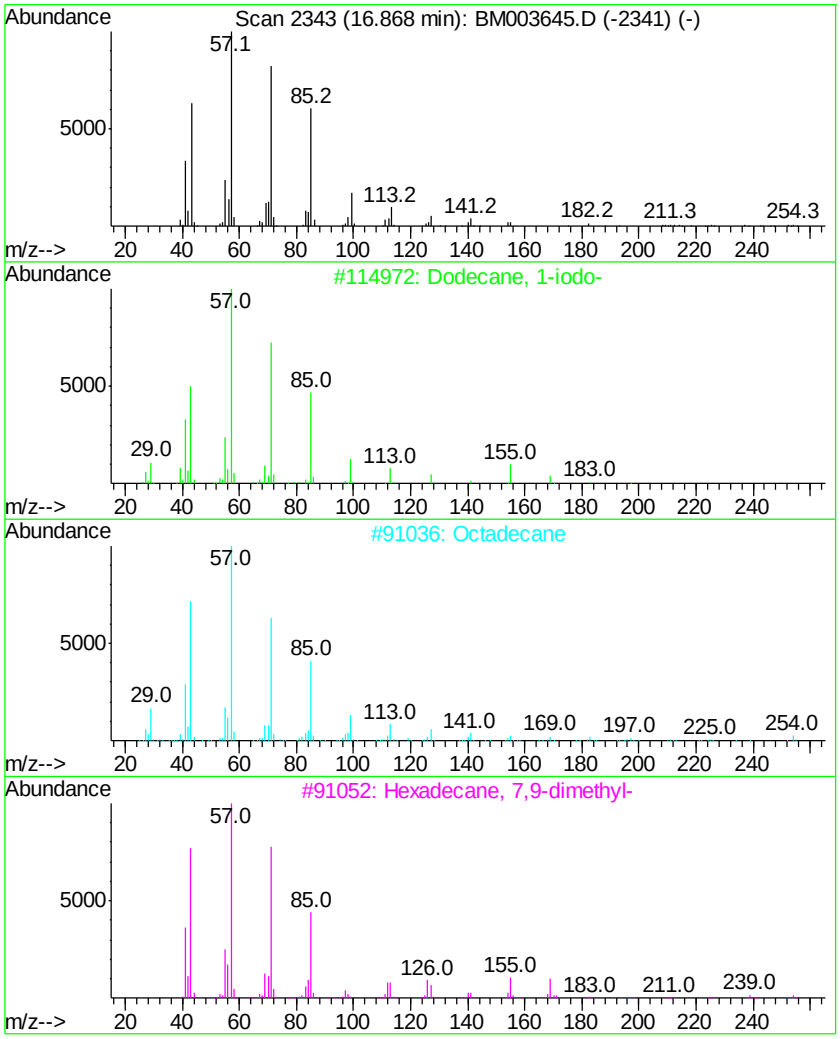
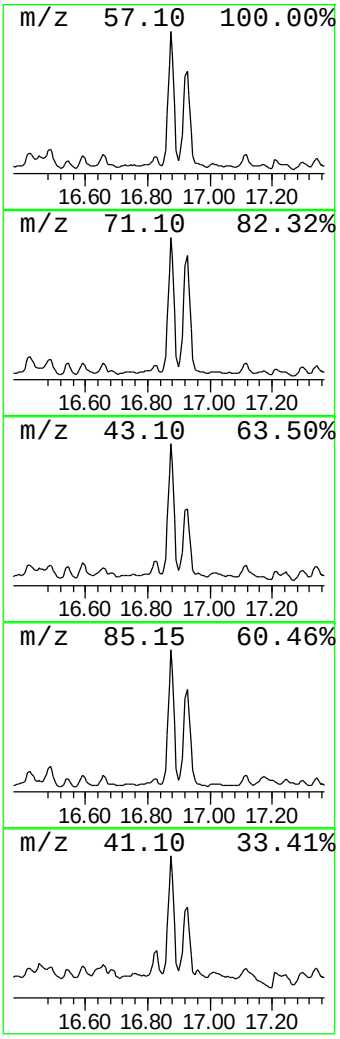
Peak Number 35 Dodecane, 1-iodo- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.65 ng/ul	1694990	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	76
4	Hexadecane	226	C16H34	000544-76-3	72
5	Pentadecane	212	C15H32	000629-62-9	72





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Quant Title : SVOA CALIBRATION

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

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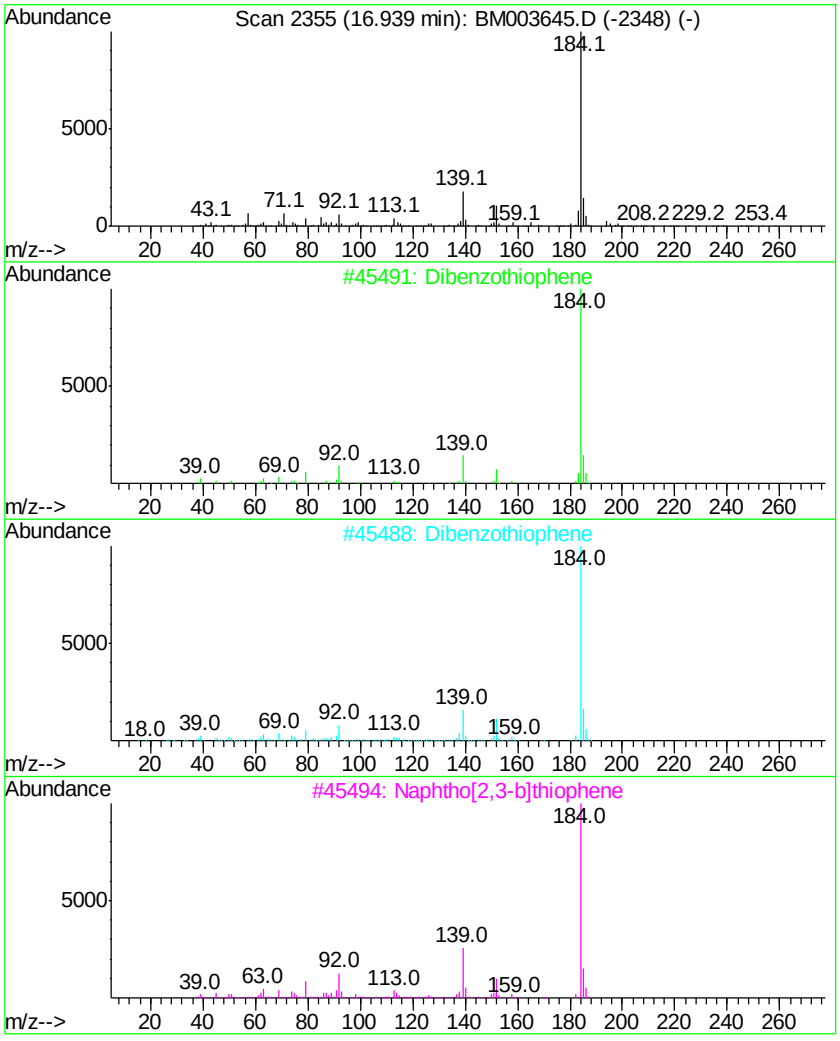
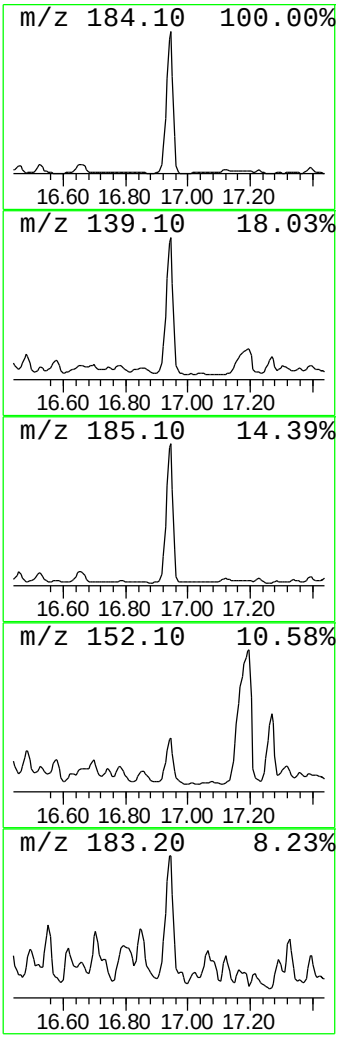
Peak Number 36 Dibenzothiophene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	7.96 ng/ul	5100920	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

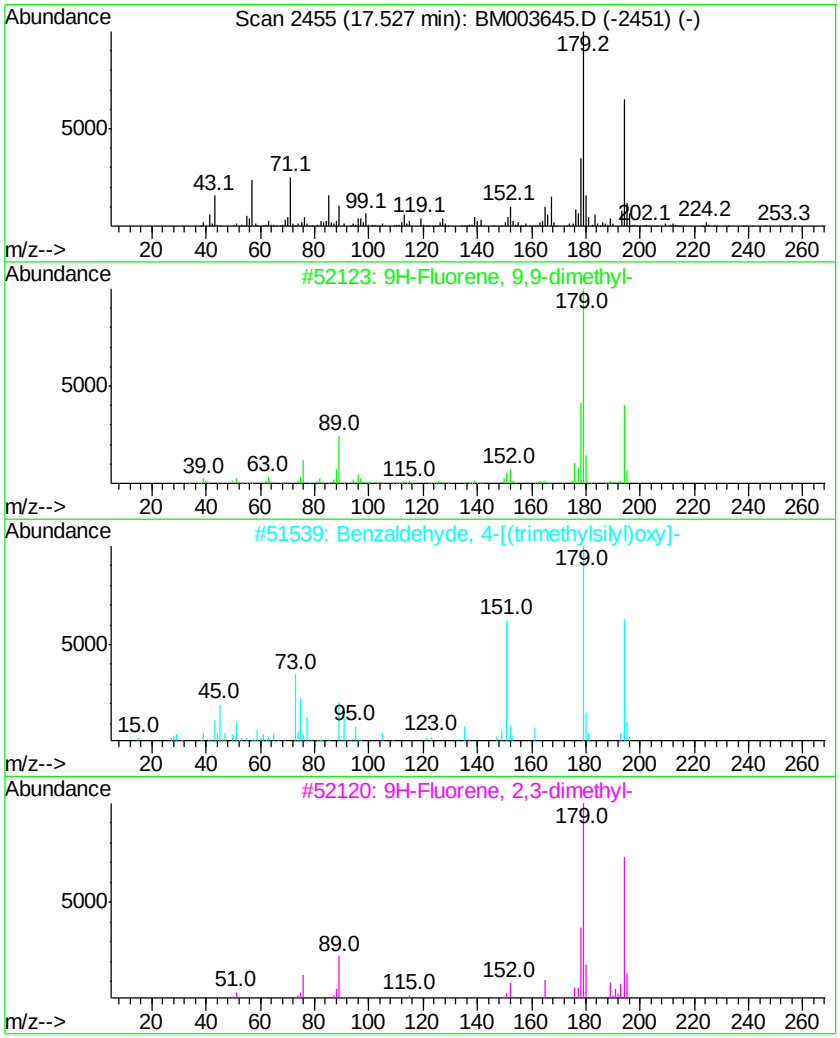
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

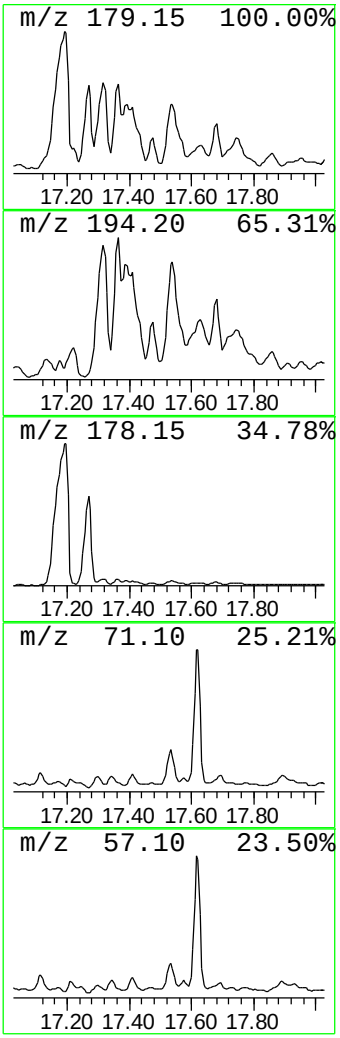
****

Peak Number 37 9H-Fluorene, 9,9-dimethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	3.01 ng/ul	1925620	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	81
2	Benzaldehyde, 4-[(trimethylsilyl...	194	C10H14O2Si	001012-12-0	64
3	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	58
4	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	53
5	Benzene, 1,4-dimethoxy-2,3,5,6-t...	194	C12H18O2	013199-54-7	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

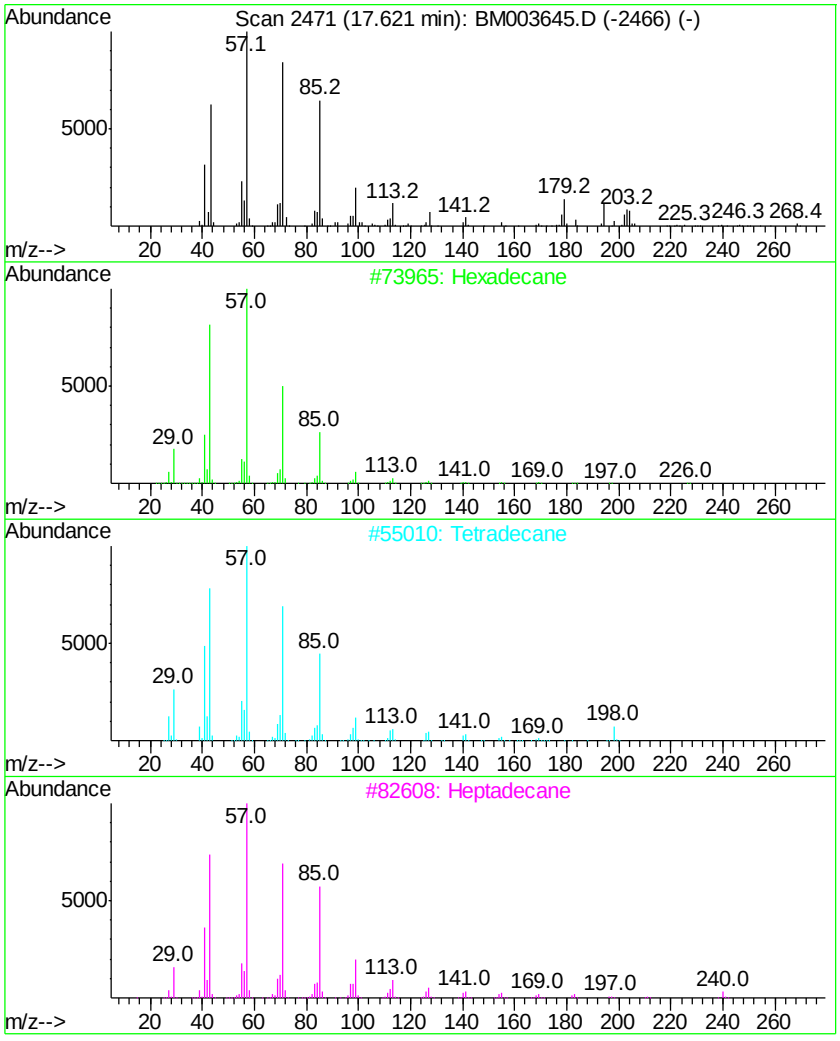
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

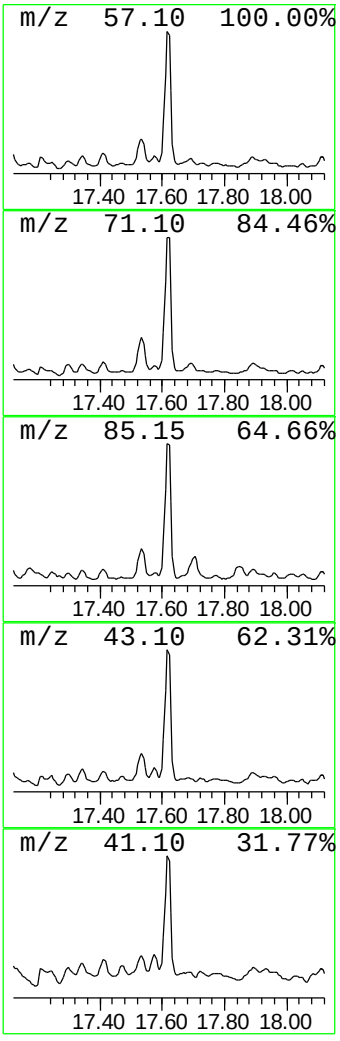
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	3.93 ng/ul	2517770	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Tetradecane	198	C14H30	000629-59-4	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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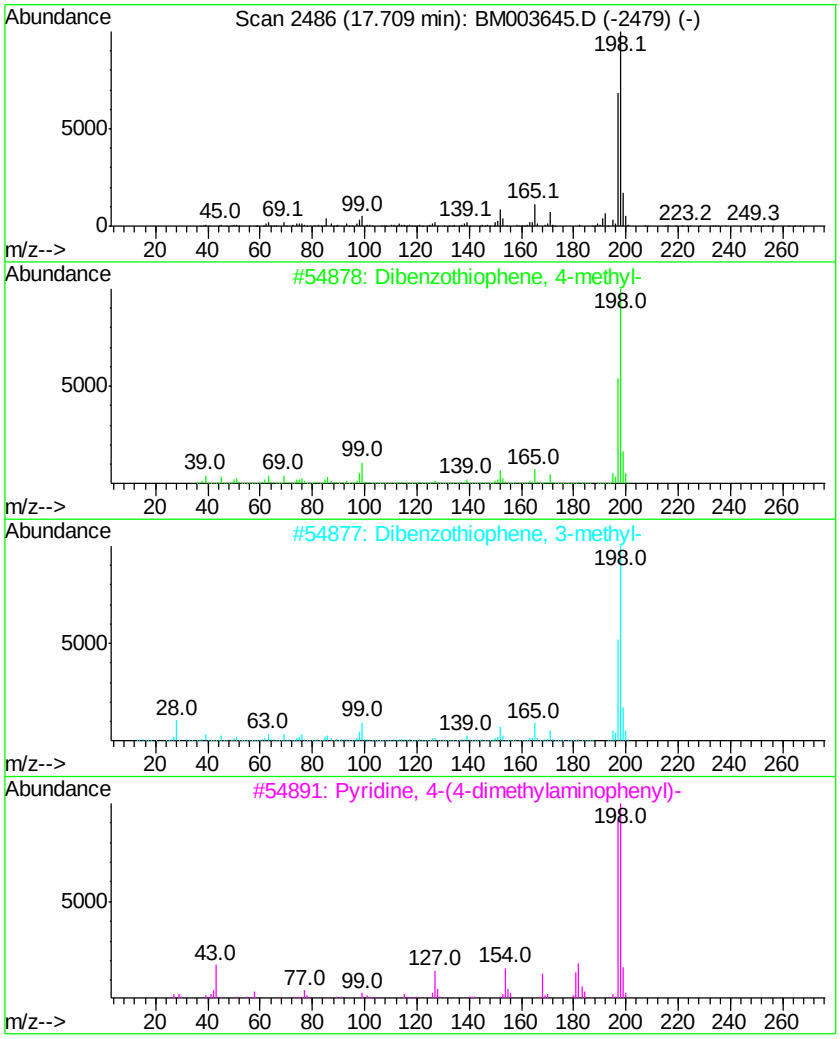
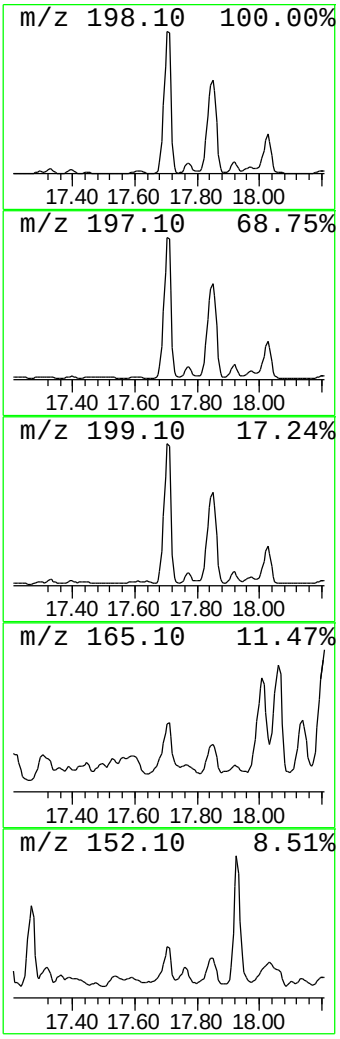
Peak Number 39 Dibenzothiophene, 4-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	5.03 ng/ul	3220980	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	59
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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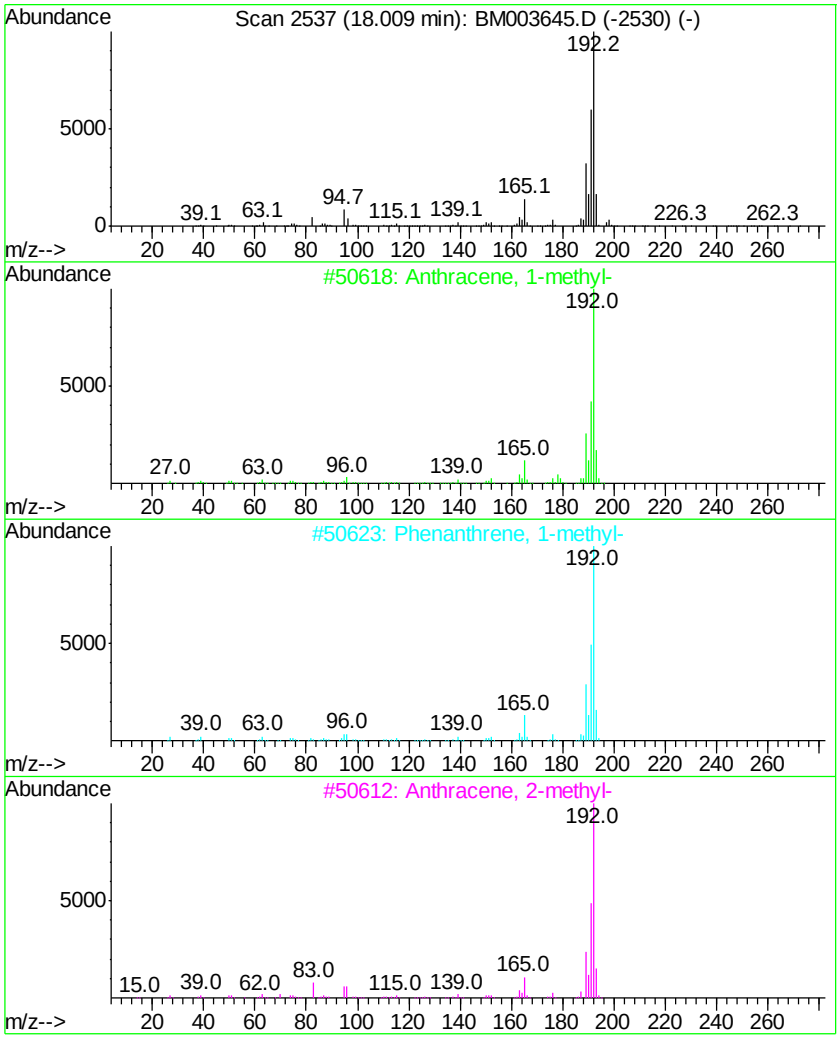
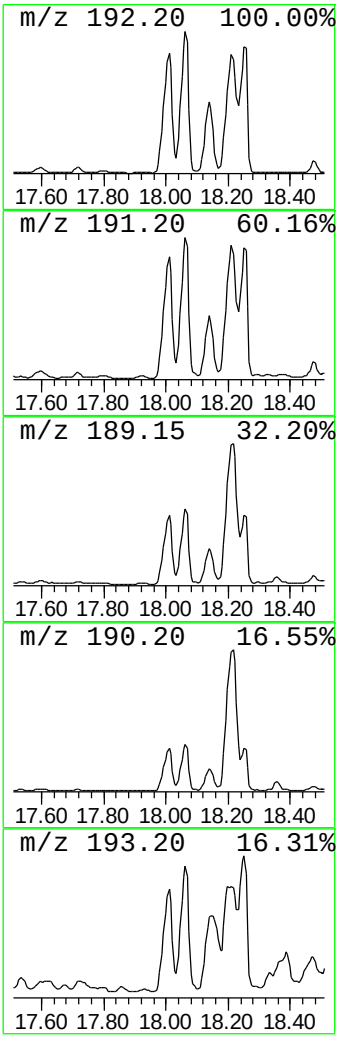
Peak Number 41 Anthracene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	11.07 ng/ul	7095910	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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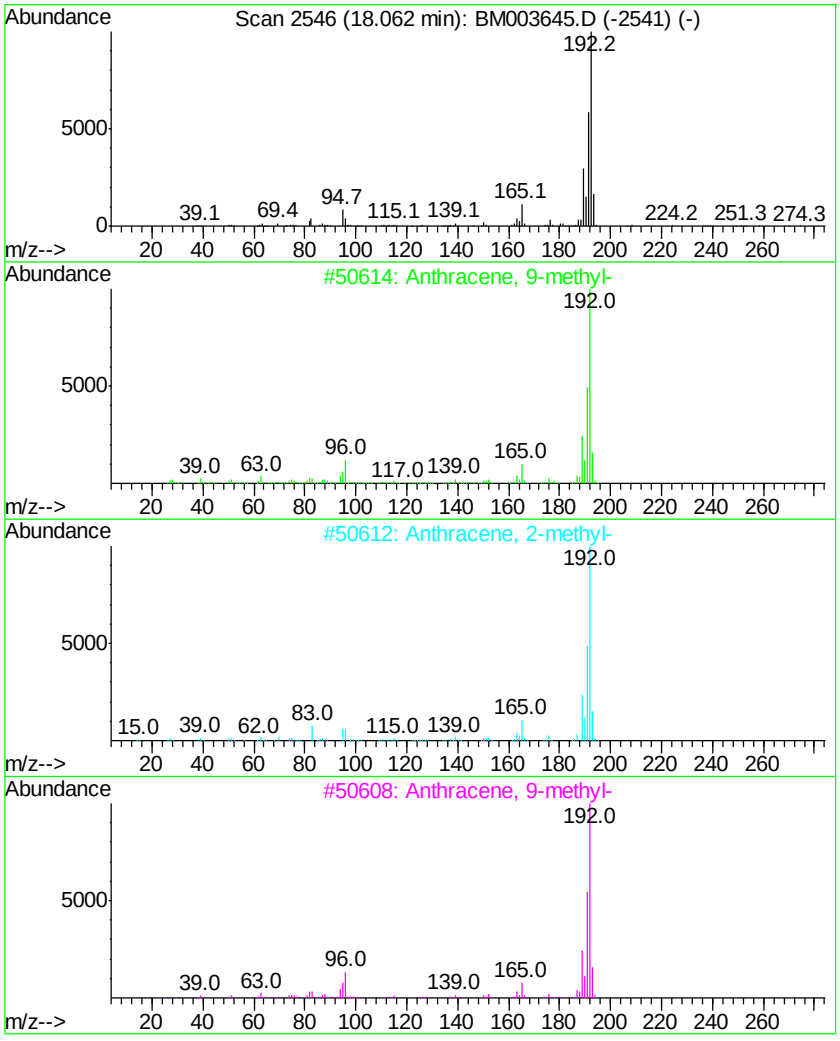
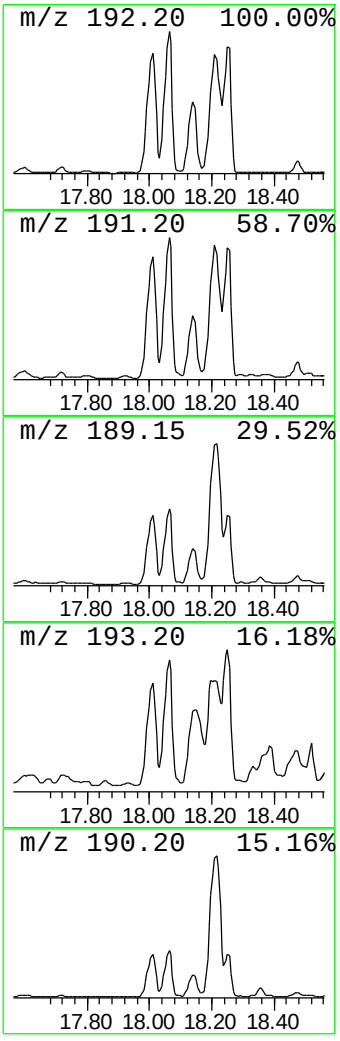
Peak Number 42 Anthracene, 9-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	10.77 ng/ul	6899370	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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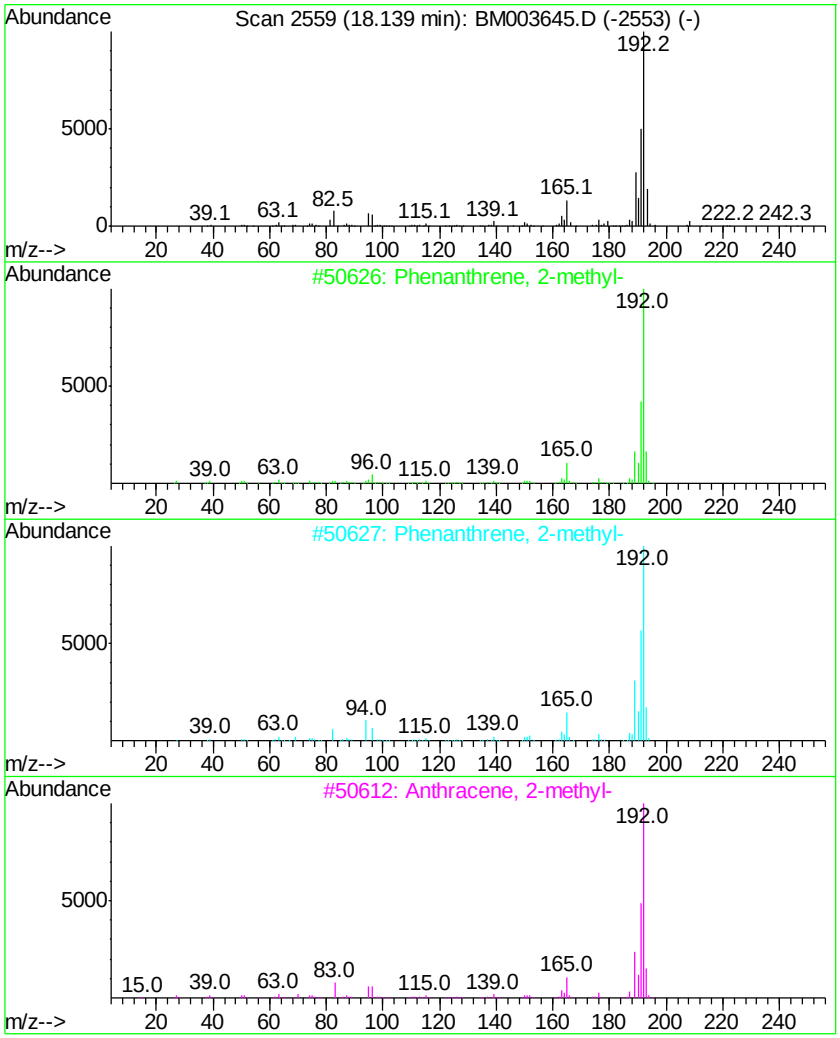
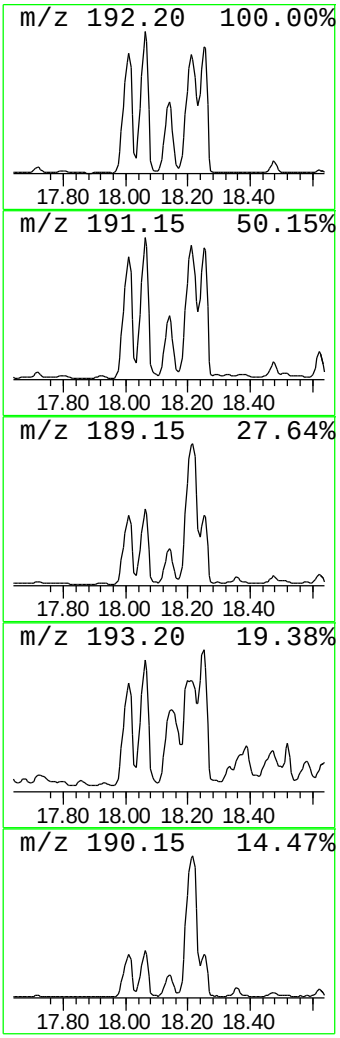
Peak Number 43 Phenanthrene, 2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	6.09 ng/ul	3901810	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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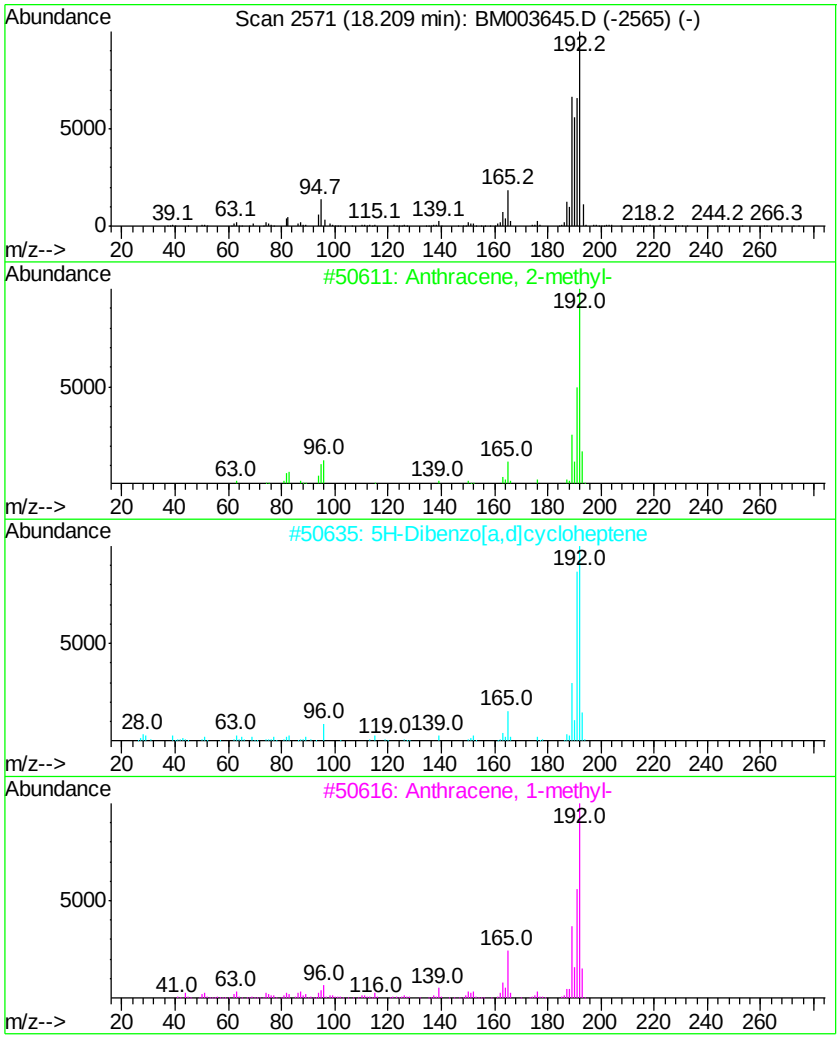
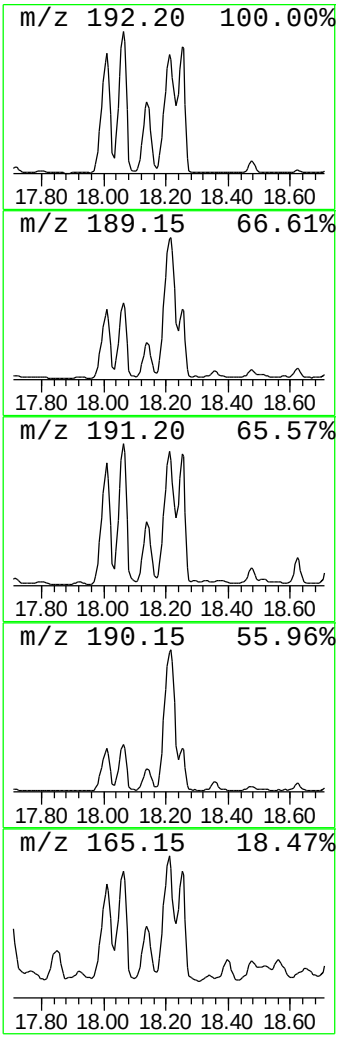
Peak Number 44 Anthracene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	16.27 ng/ul	10421800	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	49
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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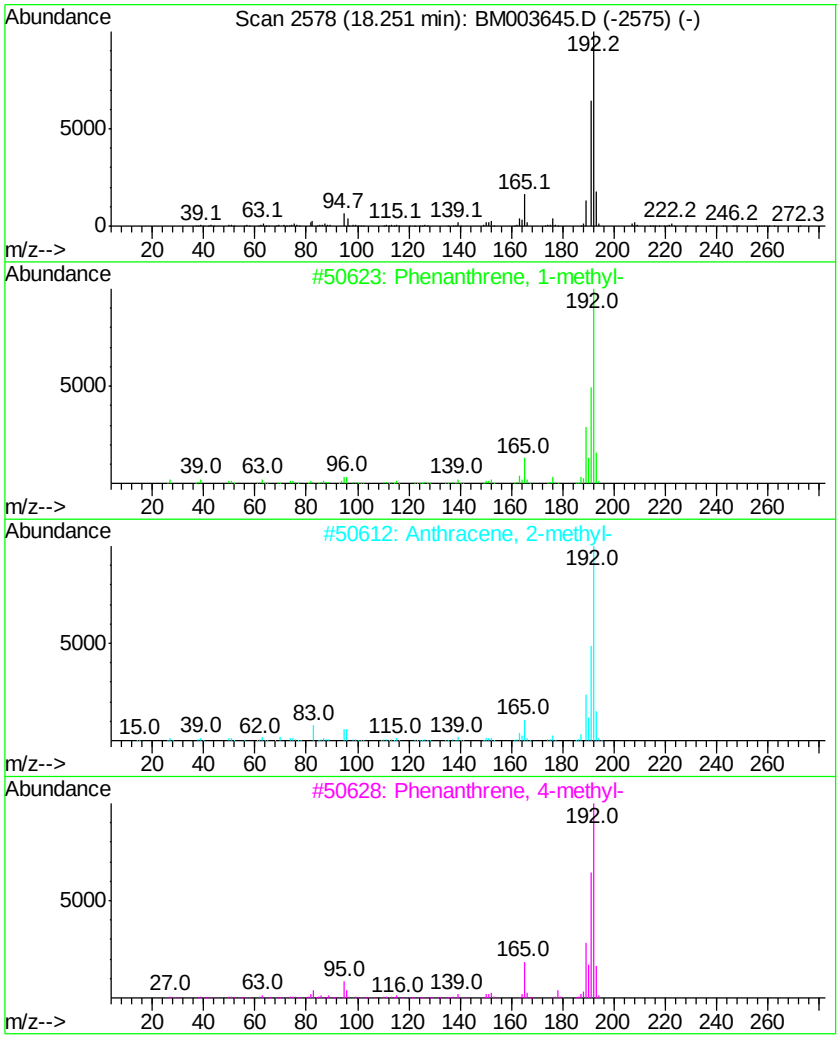
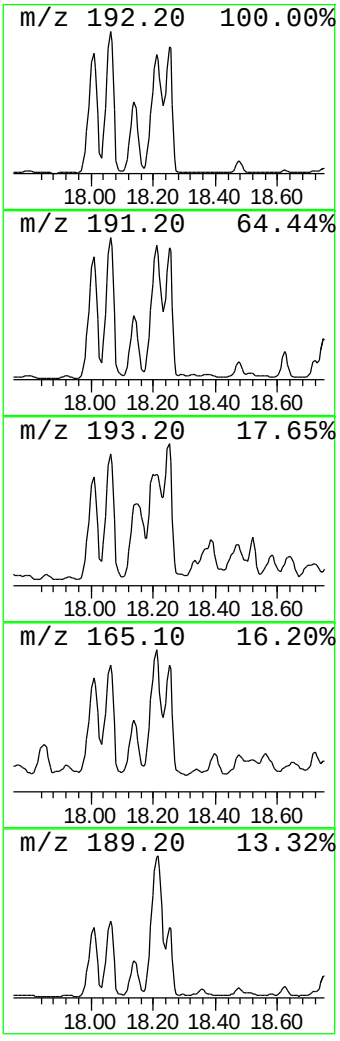
Peak Number 45 Phenanthrene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	8.17 ng/ul	5237200	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.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
Benzene, 1-propynyl-	8.24	28.7	ng/ul	2900110	1	7.70	2023340	20.0
Benzene, 4-ethyl-...	8.80	15.8	ng/ul	1593130	1	7.70	2023340	20.0
1H-Indene, 1-methyl-	9.92	68.4	ng/ul	4030080	2	10.50	1178970	20.0
1H-Indene, 2,3-di...	11.53	30.8	ng/ul	1816490	2	10.50	1178970	20.0
1H-Indene, 1,3-di...	11.60	24.4	ng/ul	1435140	2	10.50	1178970	20.0
1H-Cyclopropa[b]n...	11.69	30.5	ng/ul	1799150	2	10.50	1178970	20.0
(DEL) Alkane: Str...	11.93	23.5	ng/ul	1387420	2	10.50	1178970	20.0
Naphthalene, 1-et...	13.40	68.0	ng/ul	7989230	3	14.36	2348710	20.0
Naphthalene, 2,7-...	13.55	73.4	ng/ul	8615640	3	14.36	2348710	20.0
Naphthalene, 1,5-...	13.70	84.6	ng/ul	9937560	3	14.36	2348710	20.0
Naphthalene, 2,3-...	13.93	43.2	ng/ul	5077830	3	14.36	2348710	20.0
Naphthalene, 1,6-...	13.96	12.9	ng/ul	1518350	3	14.36	2348710	20.0
(DEL) Alkane: Str...	14.27	17.7	ng/ul	2082530	3	14.36	2348710	20.0
Naphthalene, 1,4,...	14.66	10.2	ng/ul	1199410	3	14.36	2348710	20.0
Naphthalene, 1,6,...	14.84	27.8	ng/ul	3266910	3	14.36	2348710	20.0
unknown-01	14.90	12.0	ng/ul	1408130	3	14.36	2348710	20.0
Naphthalene, 2,3,...	15.16	36.2	ng/ul	4253380	3	14.36	2348710	20.0
(DEL) Alkane: Str...	15.22	11.6	ng/ul	1361190	3	14.36	2348710	20.0
1H-Phenalene	15.24	16.4	ng/ul	1926570	3	14.36	2348710	20.0
1-Isopropenylnaph...	15.54	8.9	ng/ul	1040810	3	14.36	2348710	20.0
Dibenzofuran, 4-m...	15.71	20.5	ng/ul	2404860	3	14.36	2348710	20.0
[1,1'-Biphenyl]-4...	15.86	2.7	ng/ul	1711540	4	17.12	12814500	20.0
(DEL) Alkane: Str...	16.09	8.1	ng/ul	5166180	4	17.12	12814500	20.0
9H-Fluorene, 2-me...	16.43	6.8	ng/ul	4364560	4	17.12	12814500	20.0
9H-Fluorene, 1-me...	16.48	4.8	ng/ul	3083930	4	17.12	12814500	20.0
Dodecane, 1-iodo-	16.87	2.6	ng/ul	1694990	4	17.12	12814500	20.0
Dibenzothiophene	16.94	8.0	ng/ul	5100920	4	17.12	12814500	20.0
9H-Fluorene, 9,9-...	17.53	3.0	ng/ul	1925620	4	17.12	12814500	20.0
(DEL) Alkane: Str...	17.62	3.9	ng/ul	2517770	4	17.12	12814500	20.0
Dibenzothiophene,...	17.71	5.0	ng/ul	3220980	4	17.12	12814500	20.0
Anthracene, 1-met...	18.01	11.1	ng/ul	7095910	4	17.12	12814500	20.0
Anthracene, 9-met...	18.06	10.8	ng/ul	6899370	4	17.12	12814500	20.0
Phenanthrene, 2-m...	18.14	6.1	ng/ul	3901810	4	17.12	12814500	20.0
Anthracene, 2-met...	18.21	16.3	ng/ul	10421800	4	17.12	12814500	20.0
Phenanthrene, 1-m...	18.25	8.2	ng/ul	5237200	4	17.12	12814500	20.0