LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

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-BM080715.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.263	534	540	546	rVV	100804	166915	2.93%	0.269%
2	6.399	557	563	575	rBV	261074	538645	9.46%	0.867%
3	6.804	623	632	638	rVV2	150565	336949	5.92%	0.542%
4	7.934	818	824	829	rBV	93573	159064	2.79%	0.256%
5	7.992	829	834	842	rBV3	151934	289207	5.08%	0.465%
6	8.075	843	848	854	rVB	75309	128084	2.25%	0.206%
7	8.181	857	866	873	rBV2	63616	126058	2.21%	0.203%
8	8.469	910	915	919	rVB	283589	403538	7.09%	0.650%
9	8.522	919	924	932	rVB	207791	351049	6.16%	0.565%
10	8.834	971	977	982	rVB	132963	210028	3.69%	0.338%
11	8.898	982	988	998	rVB	742439	1346522	23.65%	2.167%
12	9.010	1001	1007	1011	rBV2	110691	196894	3.46%	0.317%
13	9.392	1066	1072	1076	rBV2	94194	164933	2.90%	0.265%
14	9.451	1076	1082	1090	rVB2	154617	350995	6.16%	0.565%
15	9.534	1090	1096	1102	rBV3	262778	502703	8.83%	0.809%
16	9.587	1102	1105	1110	rVB2	62746	96759	1.70%	0.156%
17	9.645	1110	1115	1123	rBV2	178276	356995	6.27%	0.575%
18	9.763	1130	1135	1147	rVB8	74276	188885	3.32%	0.304%
19	9.863	1147	1152	1156	rBV	72340	125733	2.21%	0.202%
20	9.916	1156	1161	1167	rVB	96544	174914	3.07%	0.282%
21	10.016	1173	1178	1186	rVB	211194	387706	6.81%	0.624%
22	10.110	1186	1194	1202	rVB2	642151	1054551	18.52%	1.697%
23	10.275	1218	1222	1227	rVB5	79607	144029	2.53%	0.232%
24	10.363	1227	1237	1243	rBV7	100027	249134	4.38%	0.401%
25	10.551	1259	1269	1275	rBV2	138569	340881	5.99%	0.549%
26	10.616	1275	1280	1284	rBV2	165015	276291	4.85%	0.445%
27	10.669	1284	1289	1300	rVB3	134115	273591	4.80%	0.440%
28	10.845	1310	1319	1322	rBV5	139975	312577	5.49%	0.503%
29	10.886	1322	1326	1328	rVV	256596	382380	6.72%	0.615%
30	10.922	1328	1332	1338	rVB3	441219	753409	13.23%	1.213%
31	11.039	1348	1352	1356	rBV2	67462	96996	1.70%	0.156%
32	11.145	1361	1370	1374	rVV3	396646	1019997	17.91%	1.642%
33	11.186	1374	1377	1382	rVV	405573	721173	12.66%	1.161%
34	11.228	1382	1384	1389	rVB	99257	115814	2.03%	0.186%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

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-BM080715.M
Title : SVOA CALIBRATION

35	11.357	1402	1406	1415	rVB2	215099	406886	7.15%	0.655%
36	11.433	1415	1419	1427	rVB2	92725	156156	2.74%	0.251%
37	11.586	1440	1445	1448	rBV2	101206	167274	2.94%	0.269%
38	11.675	1455	1460	1465	rVV	409914	631269	11.09%	1.016%
39	11.728	1465	1469	1471	rVV3	70552	102022	1.79%	0.164%
40	11.775	1471	1477	1482	rVV	1203686	2147356	37.71%	3.456%
41	11.822	1482	1485	1488	rVV	213608	357073	6.27%	0.575%
42	11.863	1488	1492	1500	rVB2	334708	557876	9.80%	0.898%
43	11.951	1500	1507	1511	rBV4	100116	195729	3.44%	0.315%
44	12.080	1521	1529	1533	rBV5	54469	162765	2.86%	0.262%
45	12.222	1550	1553	1564	rVB6	63293	175029	3.07%	0.282%
46	12.328	1567	1571	1578	rBV4	76240	145964	2.56%	0.235%
47	12.416	1579	1586	1597	rVB7	222753	597683	10.50%	0.962%
48	12.516	1597	1603	1612	rBV6	128998	347561	6.10%	0.559%
49	12.592	1612	1616	1620	rVV	100759	153796	2.70%	0.248%
50	12.692	1628	1633	1637	rVV	428383	599456	10.53%	0.965%
51	12.757	1641	1644	1651	rVB6	51867	100486	1.76%	0.162%
52	12.910	1665	1670	1674	rBV3	108441	191110	3.36%	0.308%
53	13.069	1693	1697	1707	rVB2	452348	717062	12.59%	1.154%
54	13.175	1708	1715	1717	rBV8	63663	150608	2.64%	0.242%
55	13.280	1727	1733	1741	rVB3	131065	313751	5.51%	0.505%
56	13.369	1742	1748	1754	rVB	255901	409926	7.20%	0.660%
57	13.433	1754	1759	1763	rBV6	62896	108471	1.90%	0.175%
58	13.498	1764	1770	1773	rBV3	78082	157013	2.76%	0.253%
59	13.580	1780	1784	1790	rVB2	185413	328095	5.76%	0.528%
60	13.674	1796	1800	1804	rBV3	113369	183690	3.23%	0.296%
61	13.845	1825	1829	1834	rBV2	194275	301447	5.29%	0.485%
62	13.933	1841	1844	1848	rBV	125449	171779	3.02%	0.276%
63	13.986	1849	1853	1858	rVB	533633	678297	11.91%	1.092%
64	14.116	1872	1875	1878	rVB3	88552	96357	1.69%	0.155%
65	14.263	1895	1900	1907	rBV	535455	1022798	17.96%	1.646%
66	14.422	1924	1927	1932	rVB3	120611	172648	3.03%	0.278%
67	14.651	1961	1966	1968	rBV3	195810	331019	5.81%	0.533%
68	14.810	1990	1993	1998	rVB2	210101	319931	5.62%	0.515%
69	14.863	1998	2002	2005	rVV	222383	350453	6.15%	0.564%
70	14.904	2005	2009	2024	rVB3	1225955	2176125	38.22%	3.503%
71	15.021	2025	2029	2036	rBV3	174129	390953	6.87%	0.629%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

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-BM080715.M
Title : SVOA CALIBRATION

72	15.192	2054	2058	2059	rBV	142000	192318	3.38%	0.310%
73	15.310	2073	2078	2086	rVB	710967	1054806	18.52%	1.698%
74	15.386	2087	2091	2095	rBV4	130423	246962	4.34%	0.397%
75	15.486	2103	2108	2114	rVB2	1419979	2166657	38.05%	3.487%
76	15.545	2115	2118	2123	rVB2	209356	275094	4.83%	0.443%
77	15.798	2158	2161	2166	rVB	188480	257611	4.52%	0.415%
78	15.857	2166	2171	2176	rBV3	299386	556971	9.78%	0.896%
79	15.916	2177	2181	2185	rBV2	242154	440419	7.73%	0.709%
80	16.074	2203	2208	2212	rBV2	231899	429205	7.54%	0.691%
81	16.127	2213	2217	2223	rVB5	219890	429697	7.55%	0.692%
82	16.239	2232	2236	2241	rVB3	667301	909875	15.98%	1.464%
83	16.451	2270	2272	2276	rVB	151744	167144	2.94%	0.269%
84	16.639	2299	2304	2309	rBV	768858	1215019	21.34%	1.956%
85	16.863	2338	2342	2349	rVB5	146530	306369	5.38%	0.493%
86	17.115	2377	2385	2389	rBV	1387075	2711320	47.61%	4.364%
87	17.874	2511	2514	2517	rVB	393683	434322	7.63%	0.699%
88	17.927	2518	2523	2528	rBV	830379	1186590	20.84%	1.910%
89	18.198	2564	2569	2572	rBV	1562222	2294779	40.30%	3.694%
90	18.239	2572	2576	2581	rVB	1318106	1839962	32.31%	2.962%
91	18.604	2635	2638	2648	rVB	473547	665540	11.69%	1.071%
92	19.204	2737	2740	2745	rBV3	720752	1120041	19.67%	1.803%
93	19.268	2748	2751	2755	rVB	751231	901685	15.83%	1.451%
94	20.021	2877	2879	2885	rVB2	764813	1078483	18.94%	1.736%
95	20.186	2903	2907	2909	rBV	1294826	1685026	29.59%	2.712%
96	20.292	2921	2925	2930	rBV2	1262134	1595032	28.01%	2.567%
97	20.503	2958	2961	2964	rBV3	908153	1234978	21.69%	1.988%
98	20.539	2964	2967	2973	rVB	1451805	2048974	35.98%	3.298%
99	20.727	2996	2999	3003	rVB3	926645	1070716	18.80%	1.723%
100	22.115	3231	3235	3241	rVB	4454250	5694352	100.00%	9.165%

Sum of corrected areas: 62129260

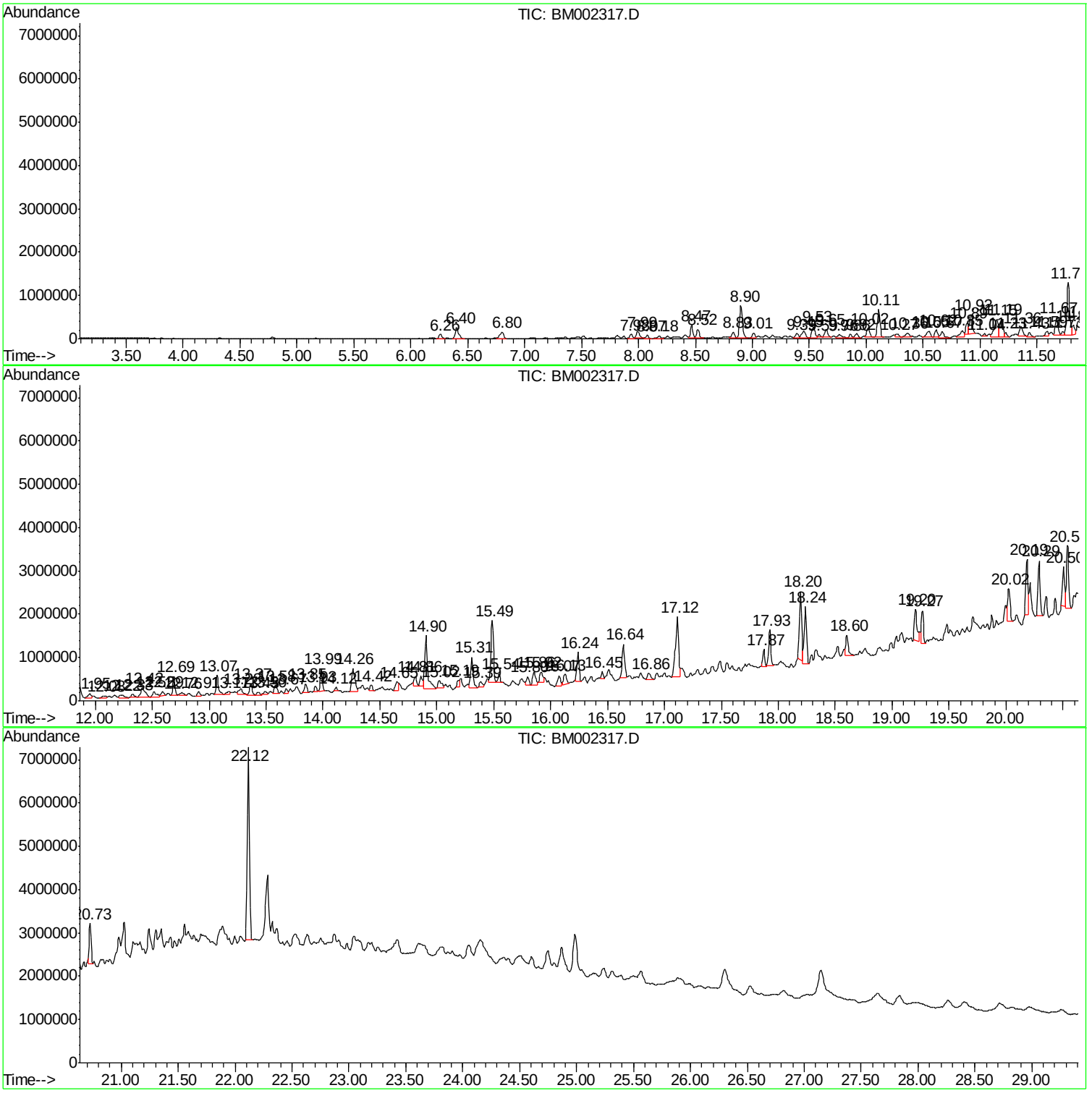
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

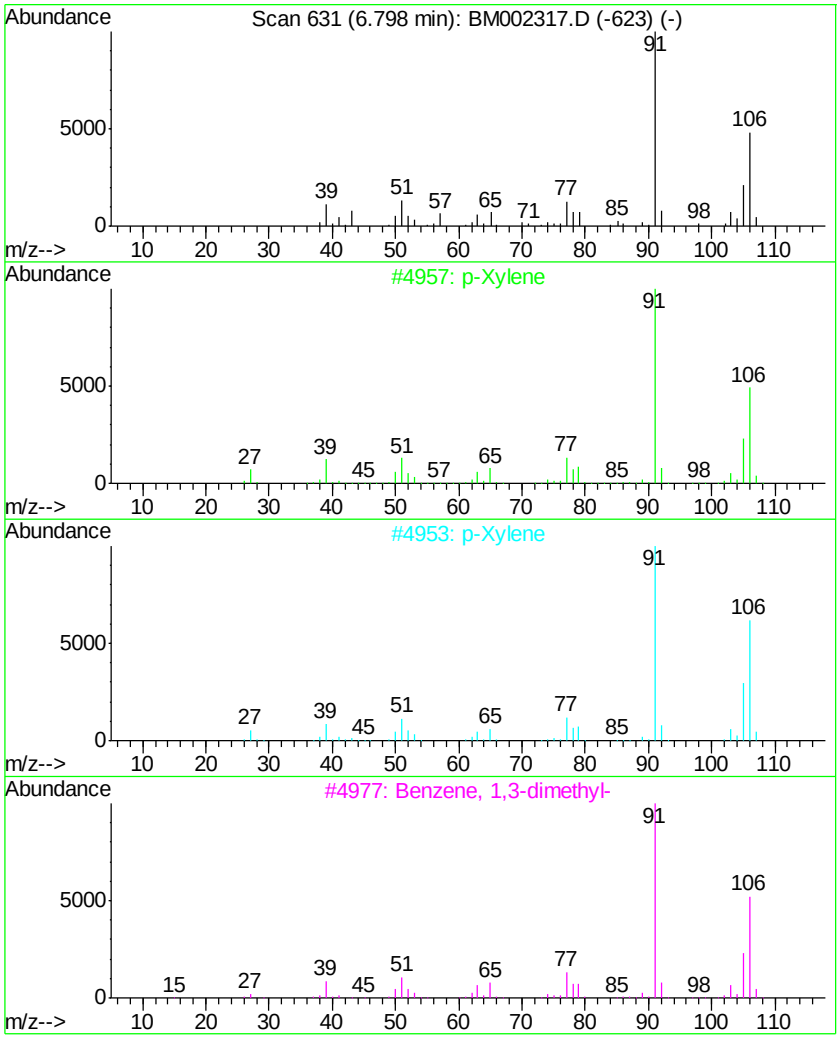
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

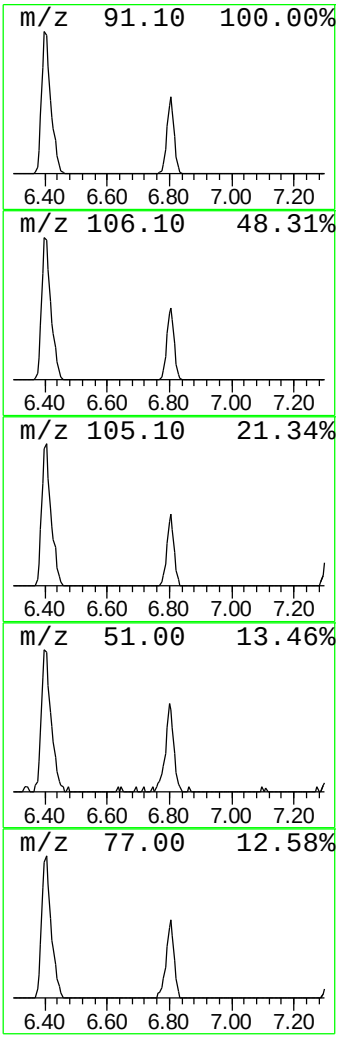
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	5.00 ng/ul	336949	1,4-Dichlorobenzene-d4	8.90

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

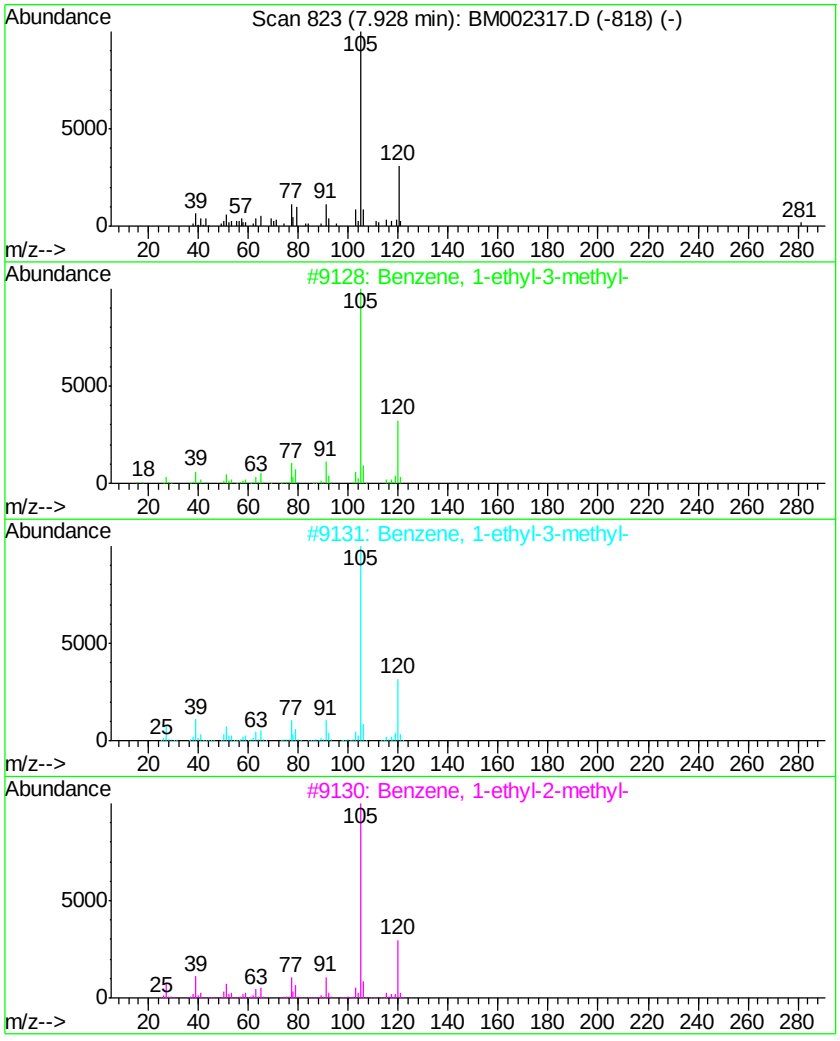
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

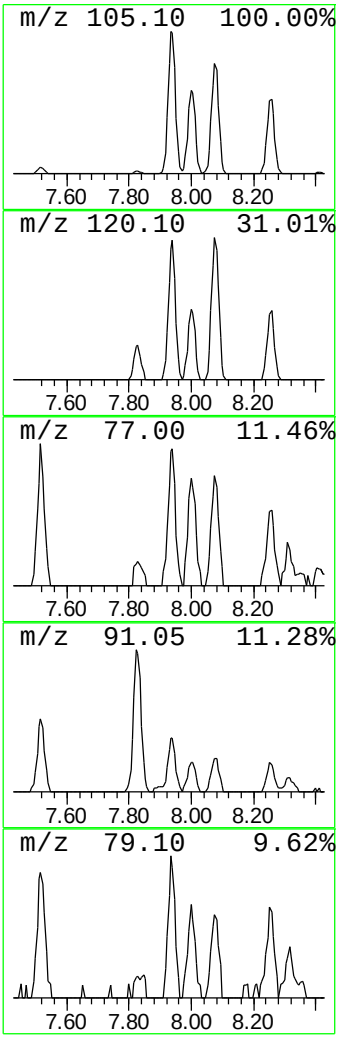
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	2.36 ng/ul	159064	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

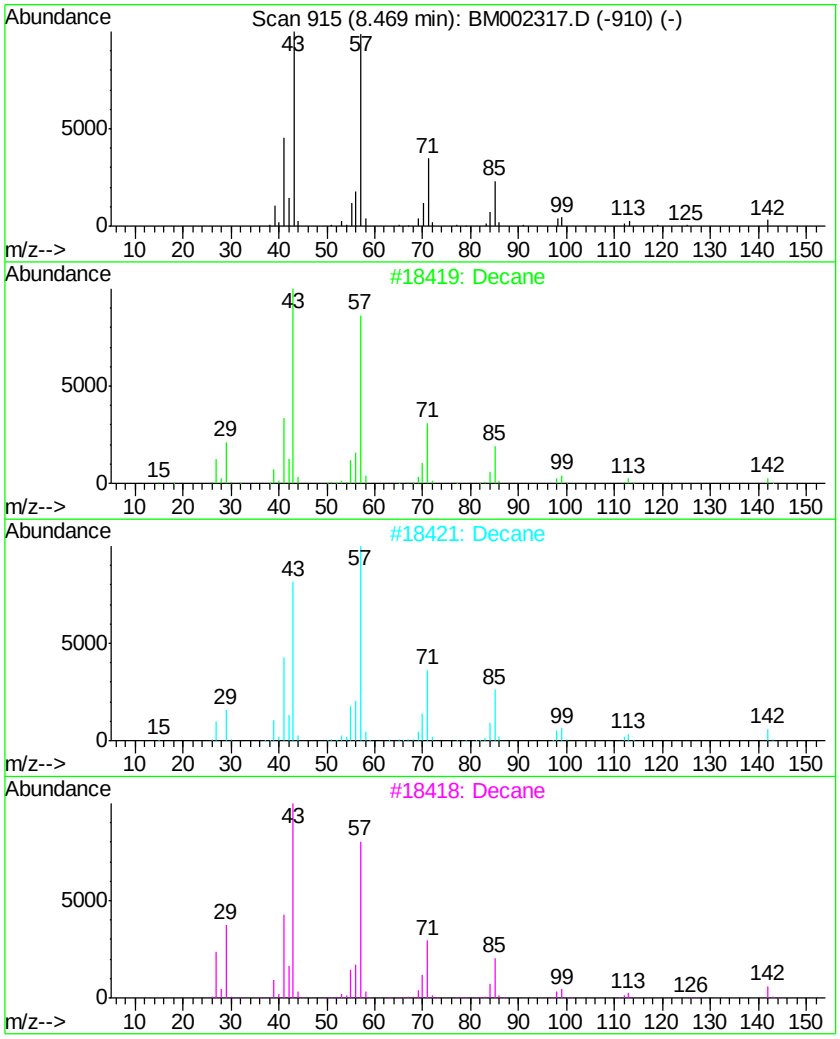
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

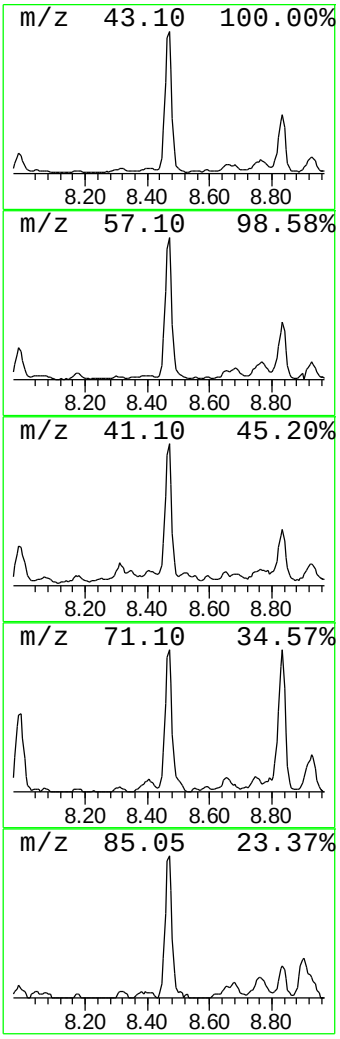
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	5.99 ng/ul	403538	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Decane	142	C10H22	000124-18-5	94
3	Decane	142	C10H22	000124-18-5	90
4	Undecane	156	C11H24	001120-21-4	83
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

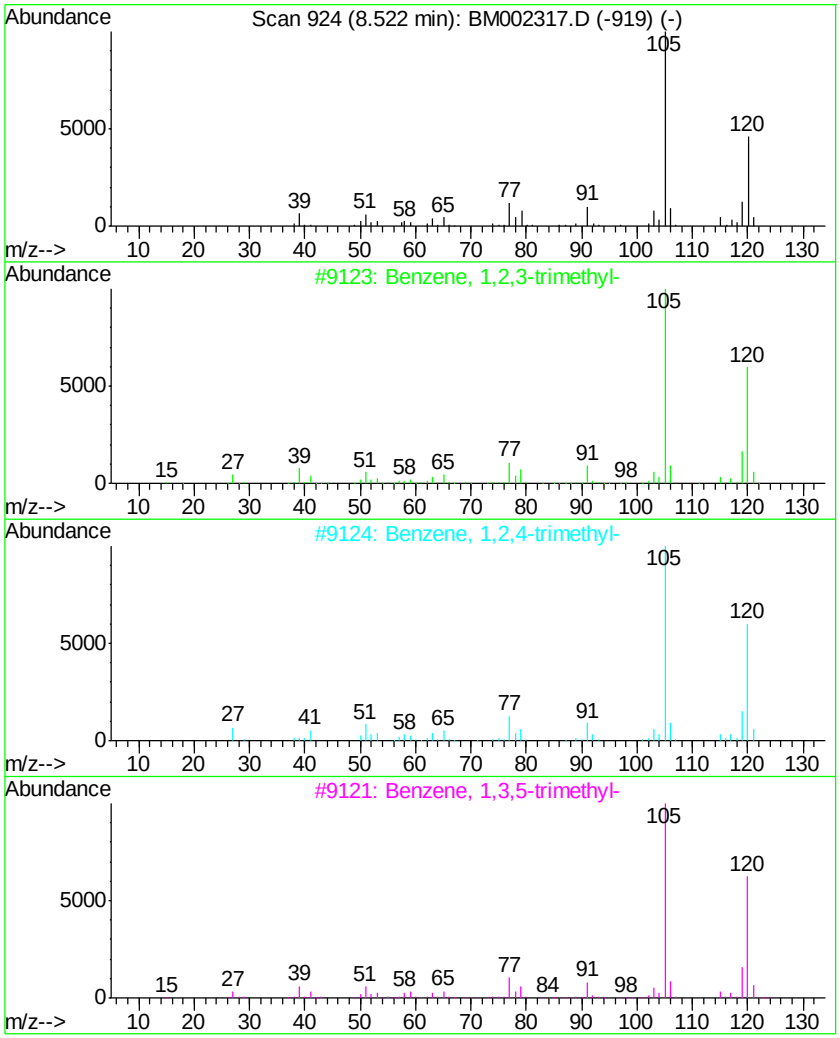
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

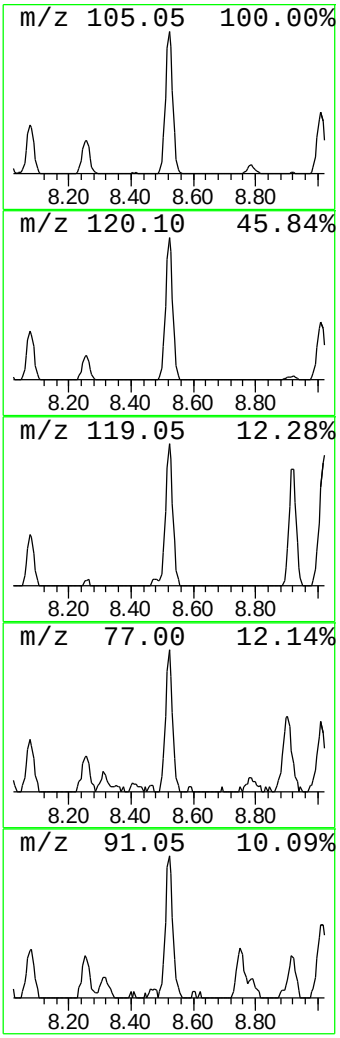
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	5.21 ng/ul	351049	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

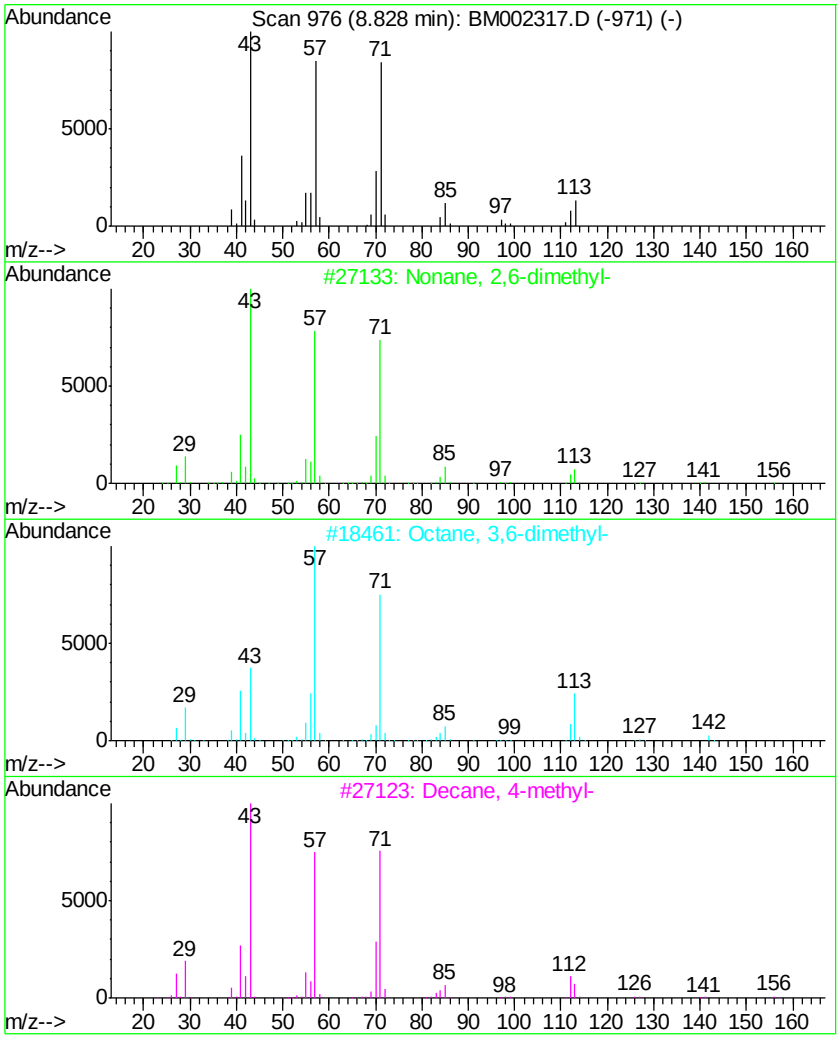
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

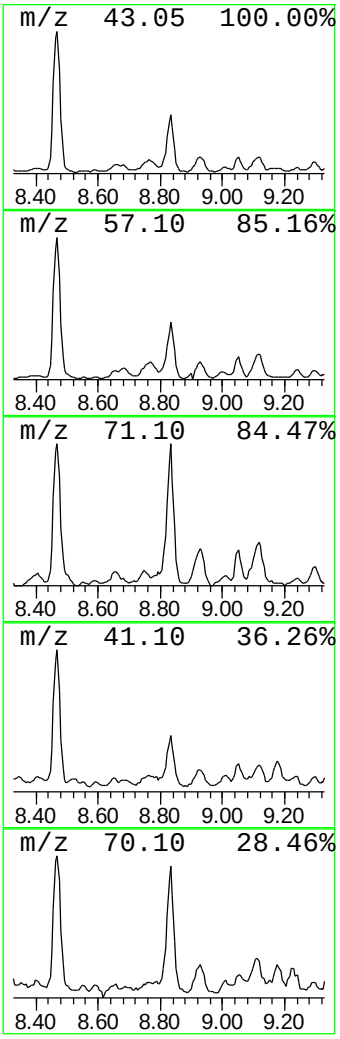
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	3.12 ng/ul	210028	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Decane, 4-methyl-	156	C11H24	002847-72-5	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





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Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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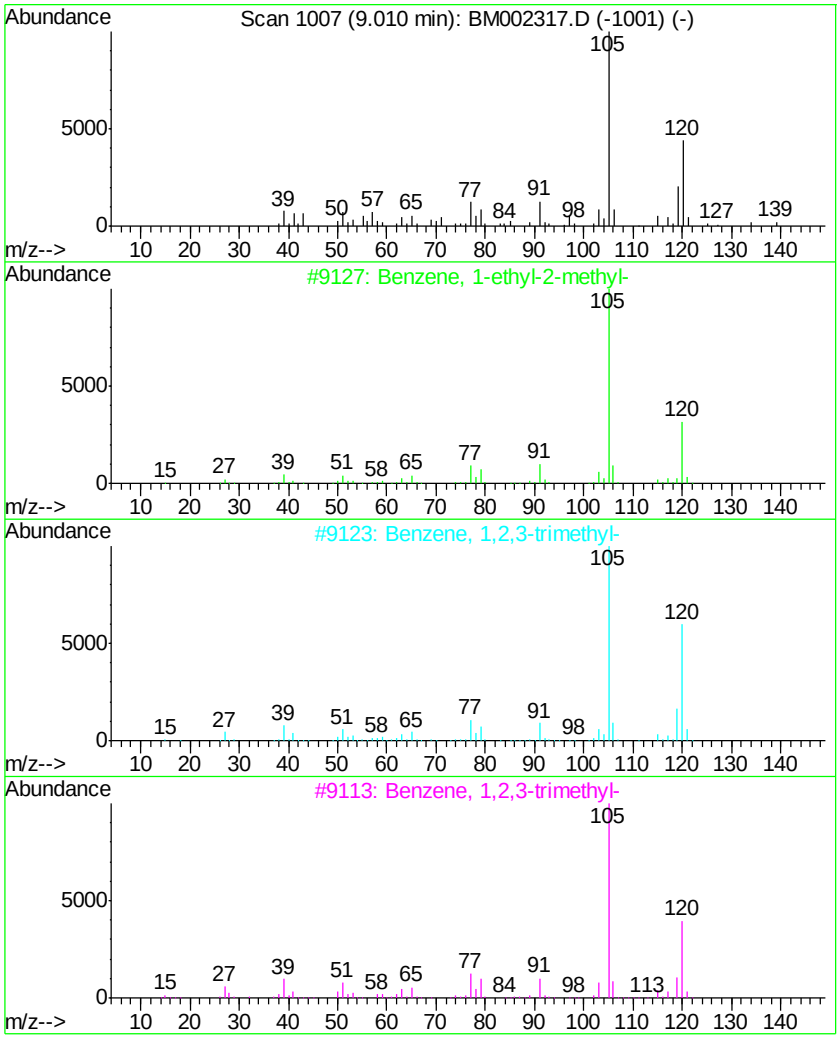
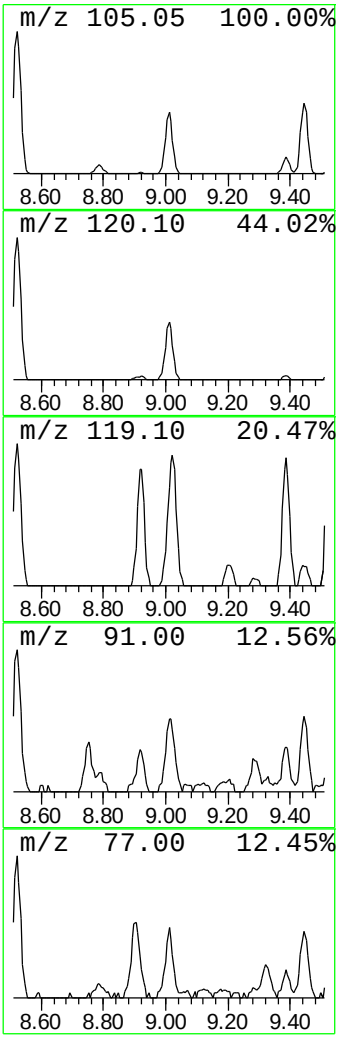
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	2.92 ng/ul	196894	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

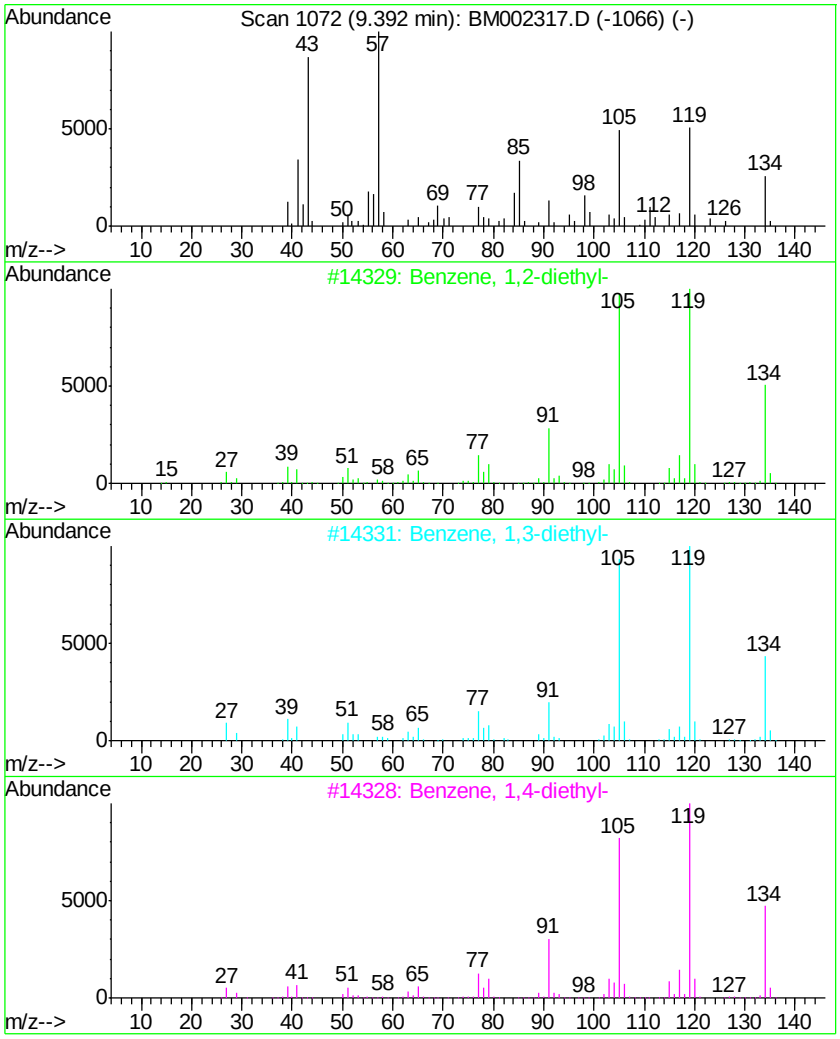
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

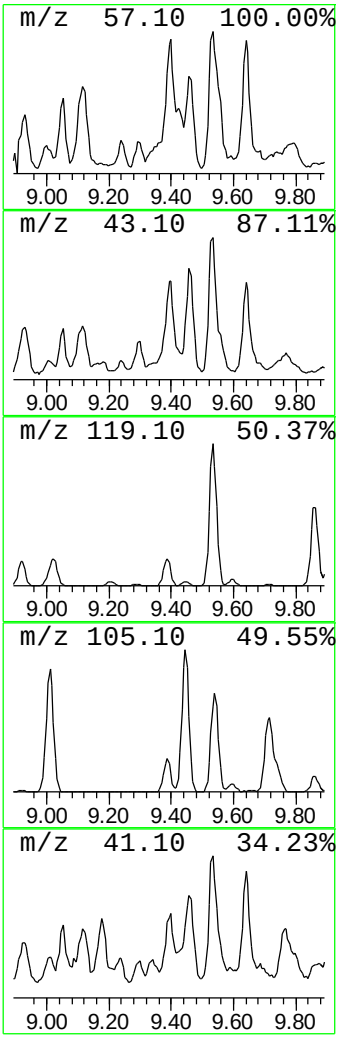
****

Peak Number 9 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.45 ng/ul	164933	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	46
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	46
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	46
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	46
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	41





Library Search Compound Report

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Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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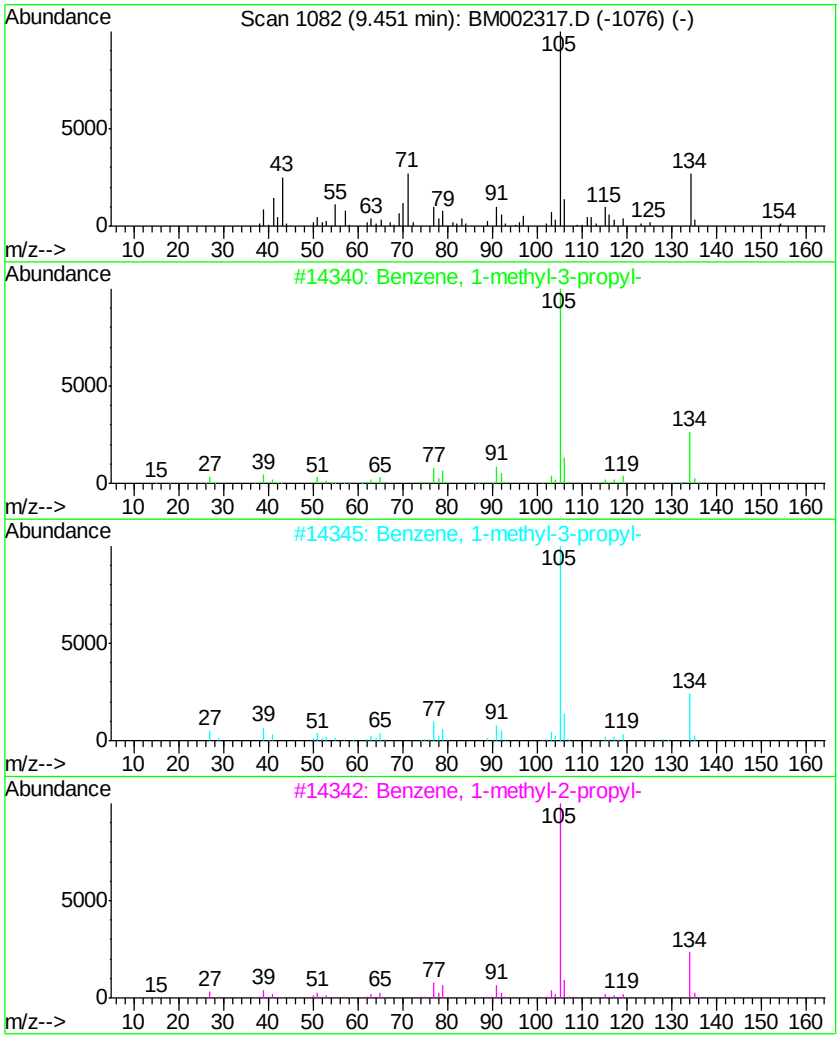
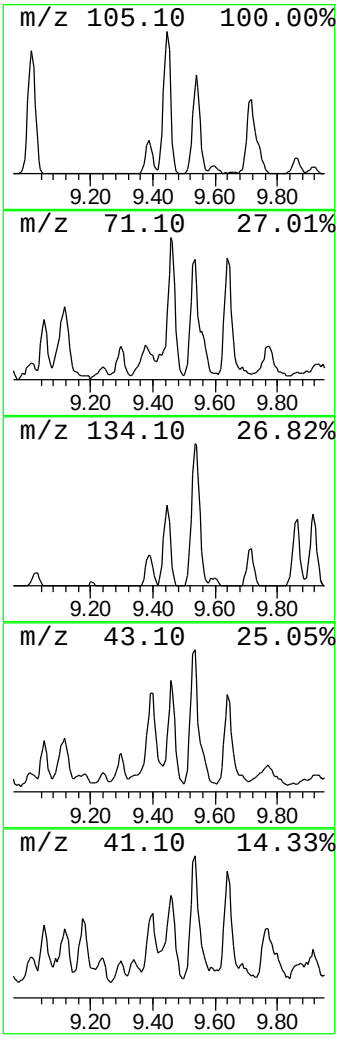
Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	5.21 ng/ul	350995	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	55





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Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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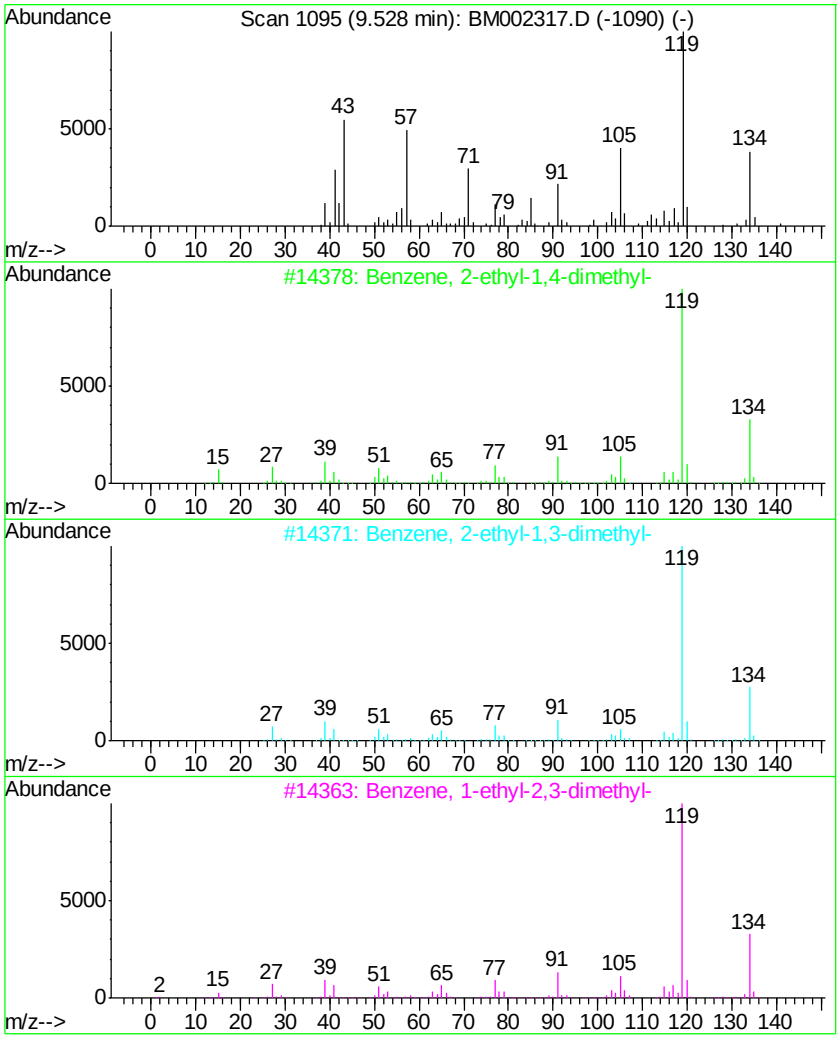
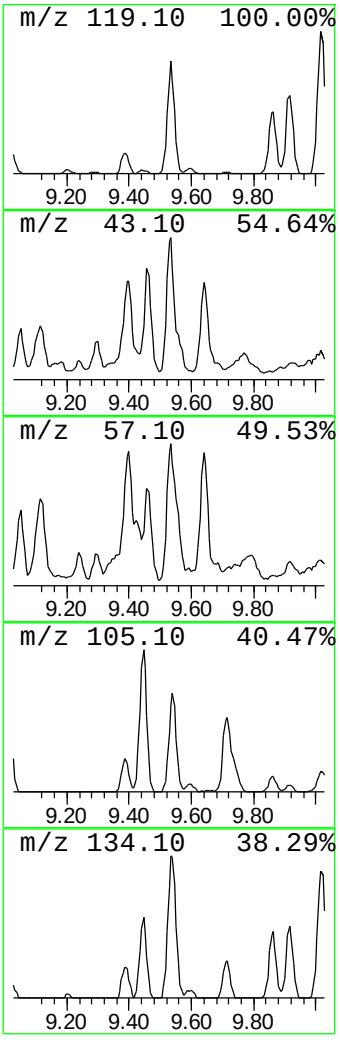
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	7.47 ng/ul	502703	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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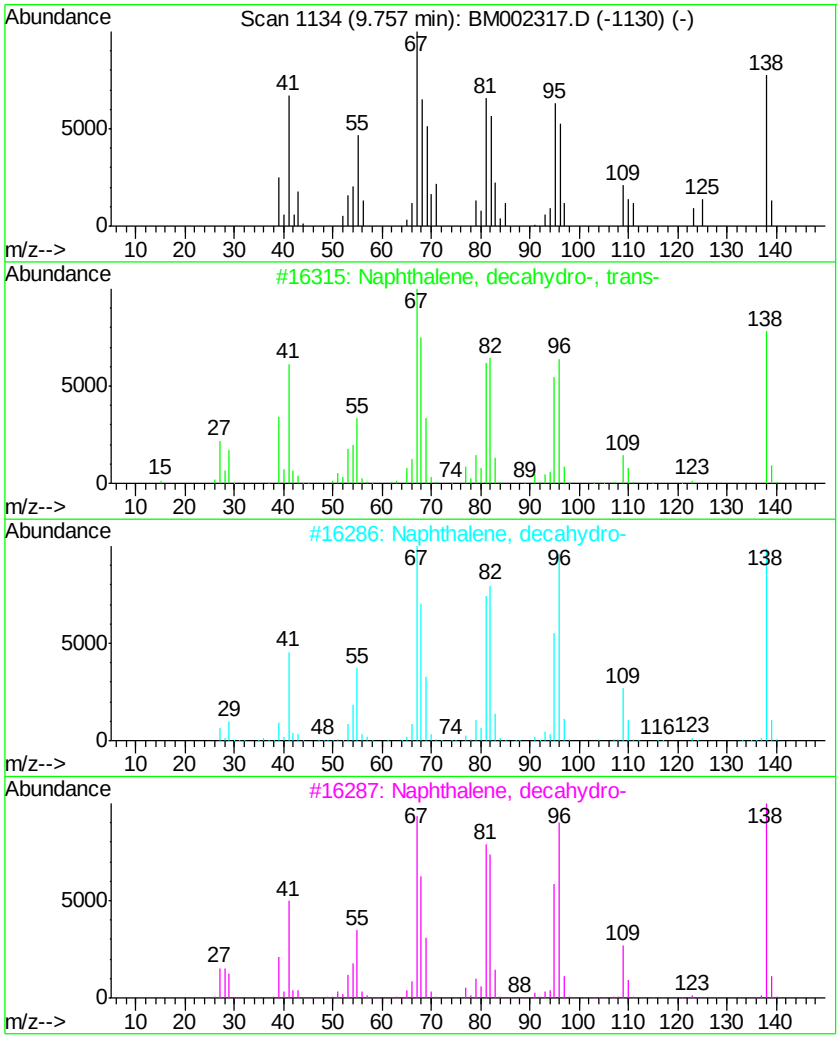
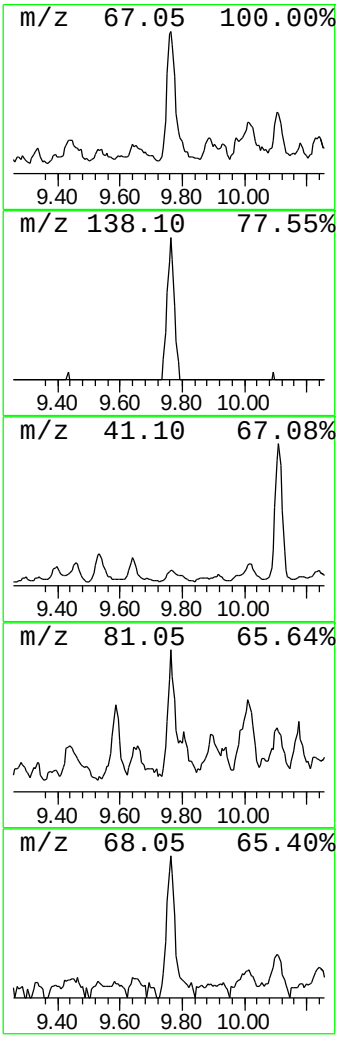
Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.81 ng/ul	188885	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	93





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Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

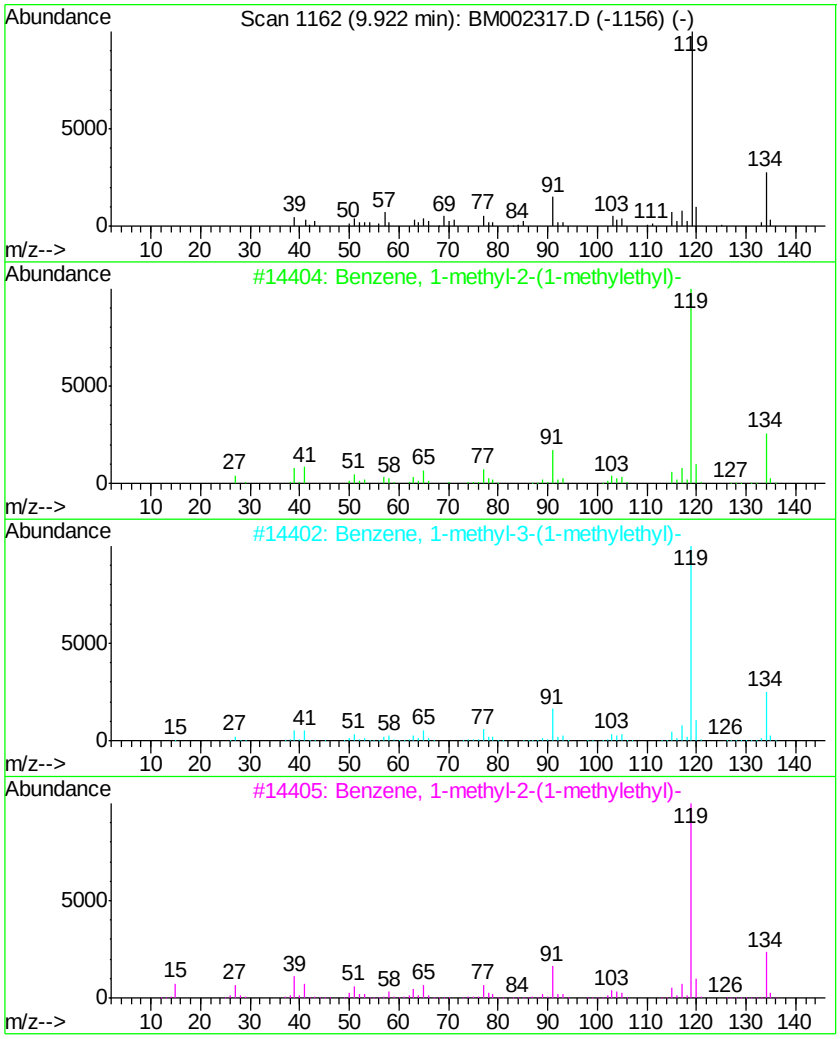
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

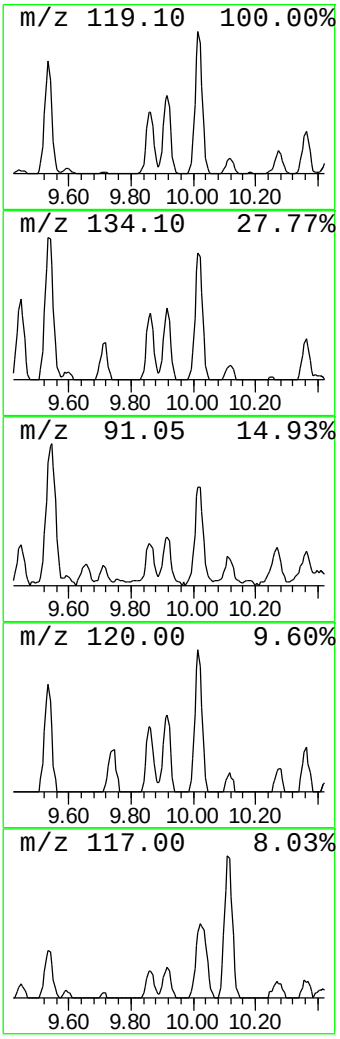
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-2-(1-meth... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.60 ng/ul	174914	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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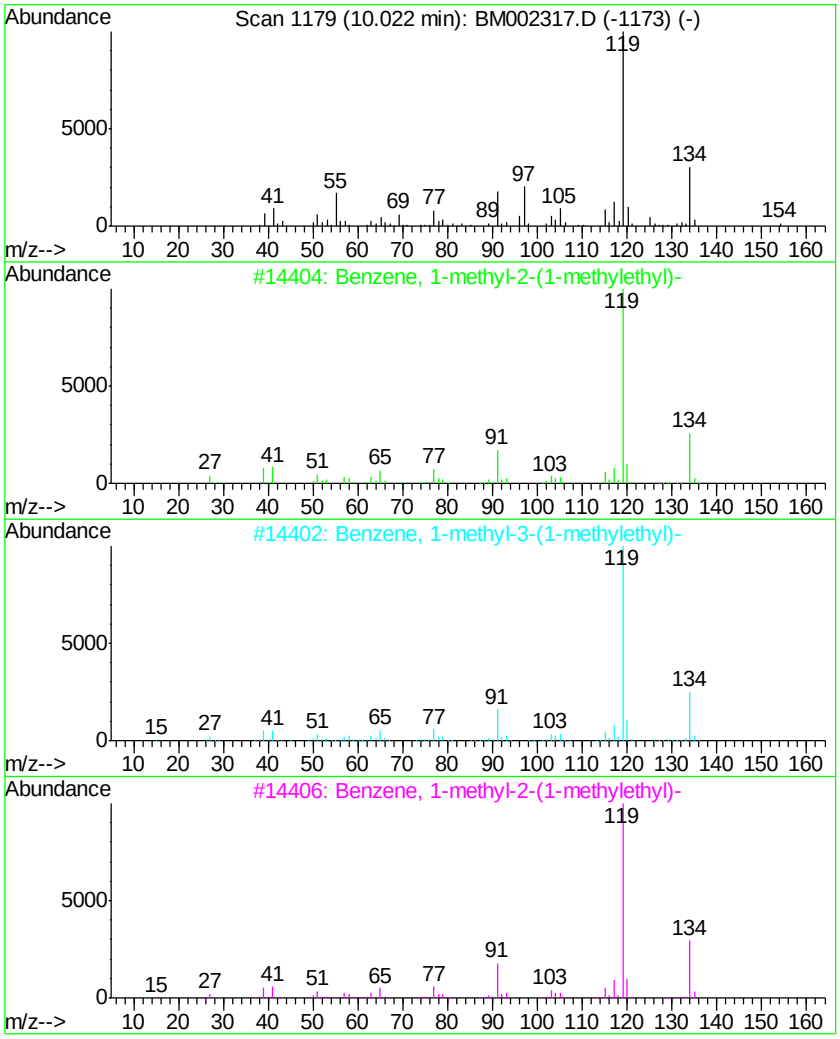
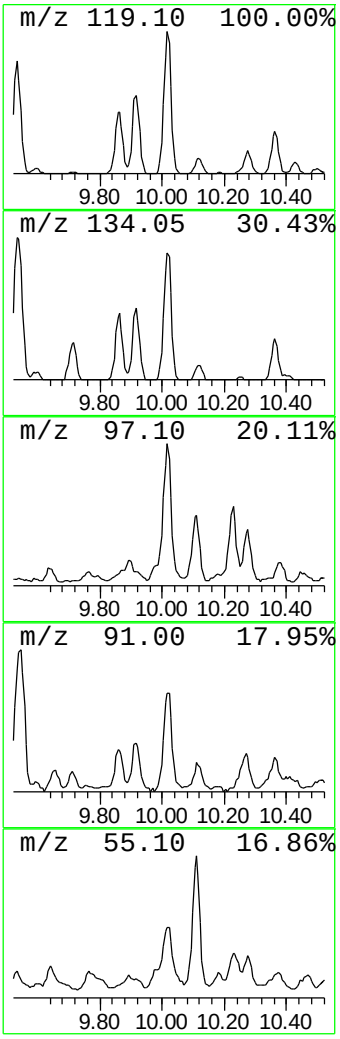
Peak Number 14 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	5.76 ng/ul	387706	1,4-Dichlorobenzene-d4	8.90

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
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Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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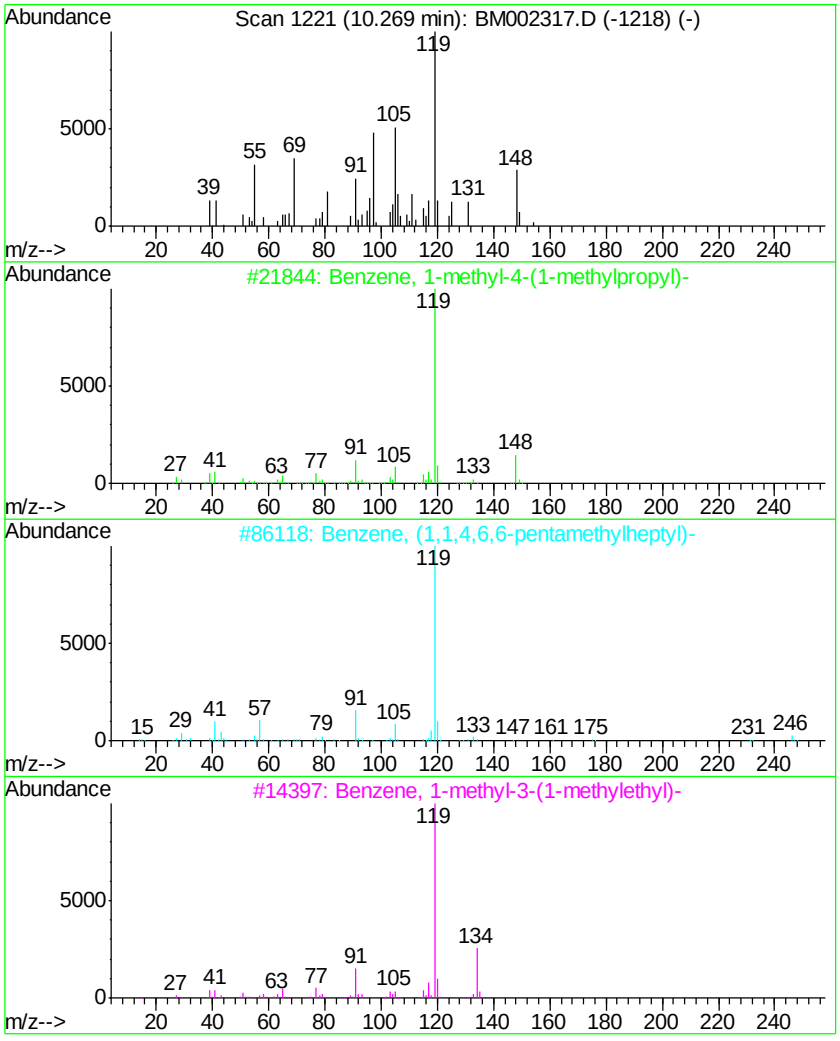
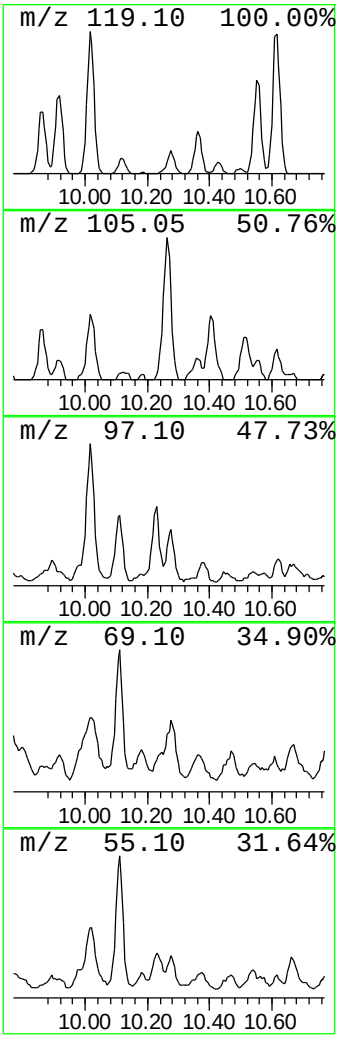
Peak Number 15 unknown-02 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.14 ng/ul	144029	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	35
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	35
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
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Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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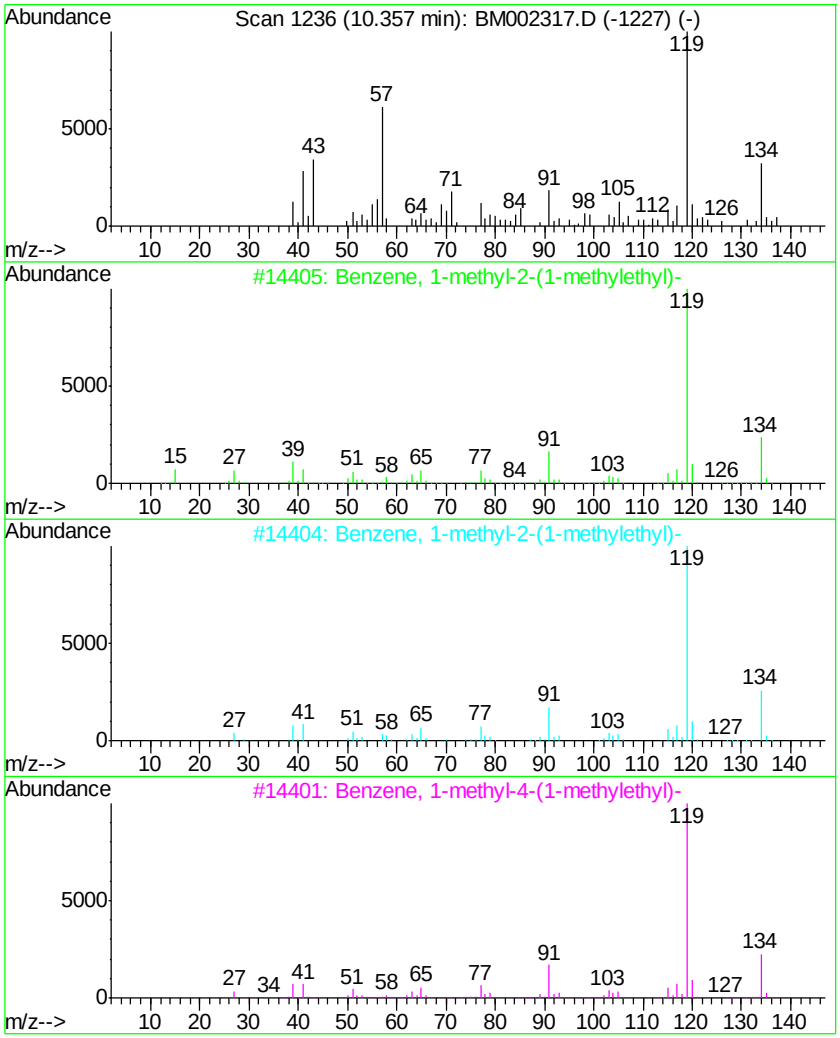
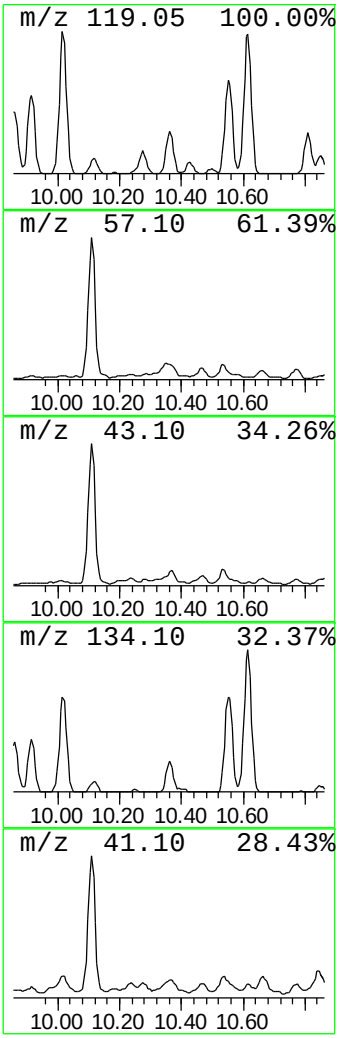
Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	2.32 ng/ul	249134	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
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Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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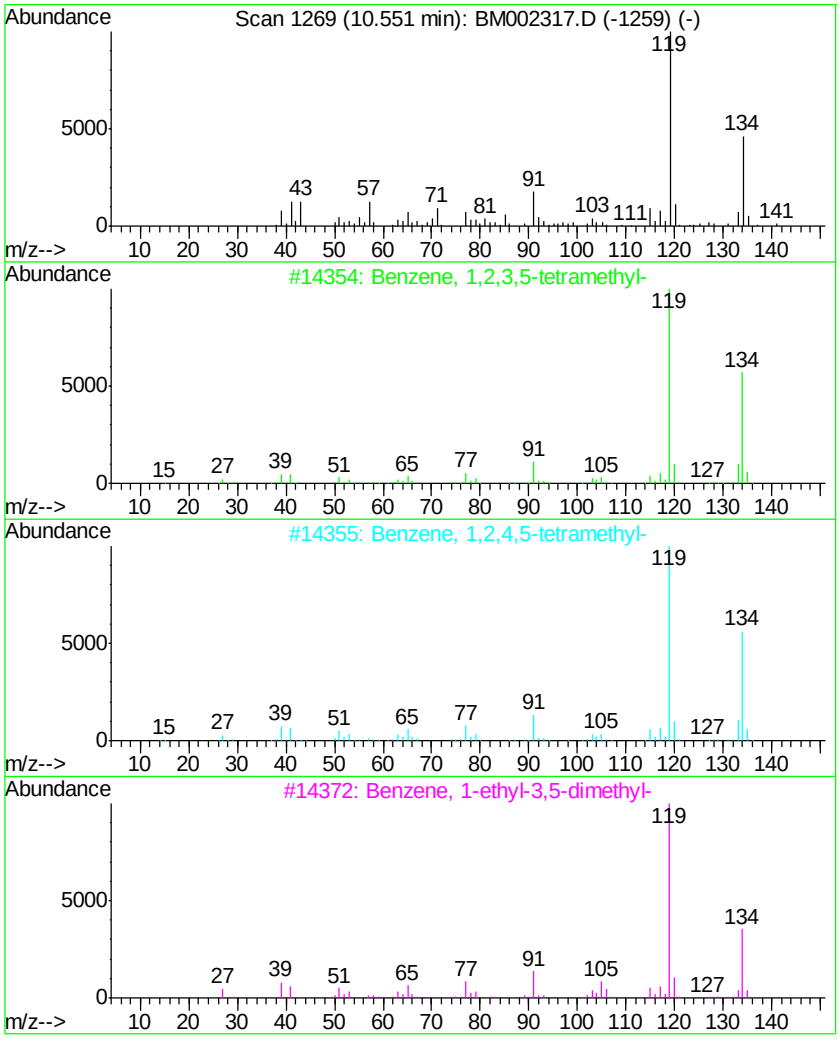
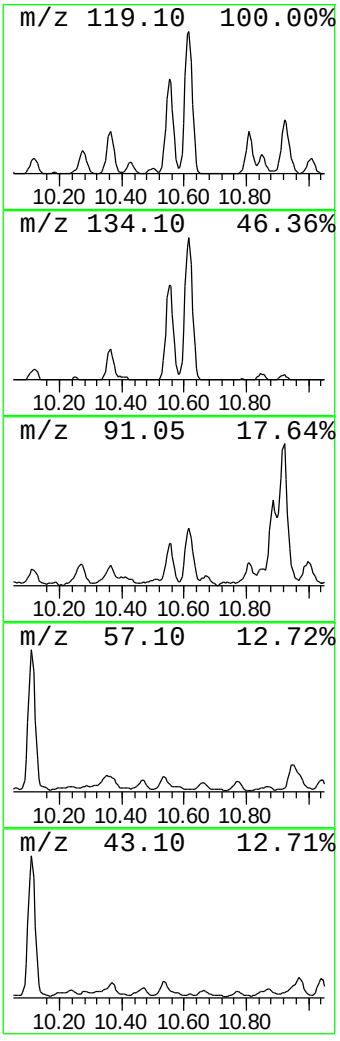
Peak Number 17 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.17 ng/ul	340881	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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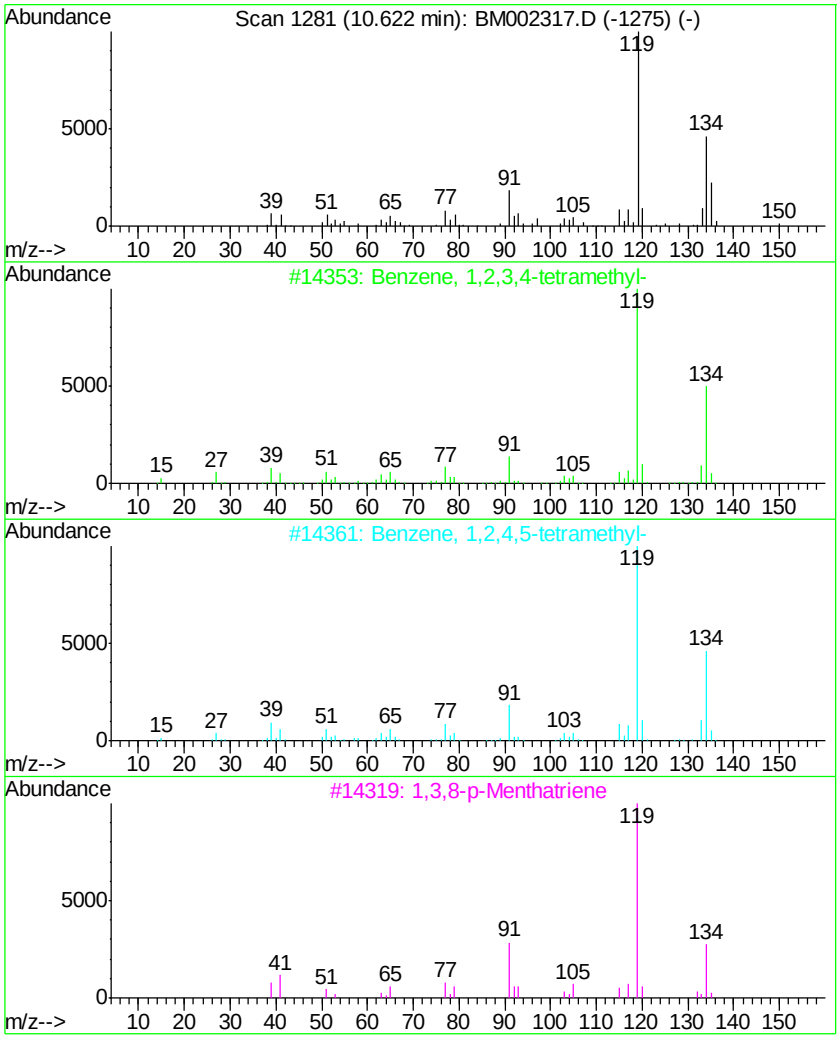
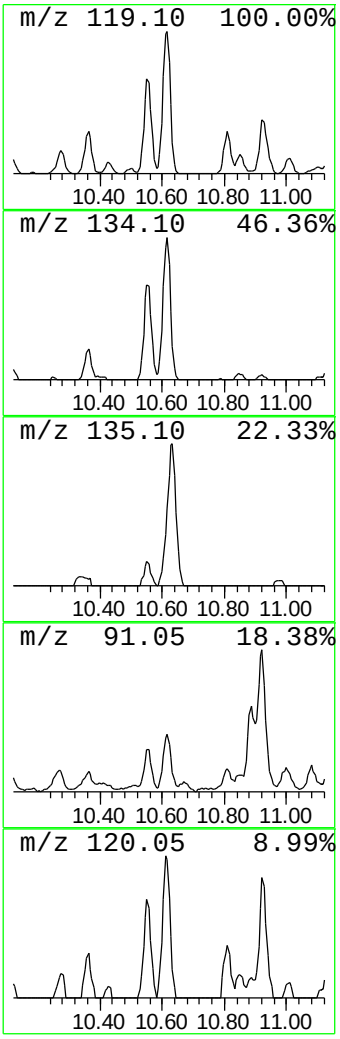
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.57 ng/ul	276291	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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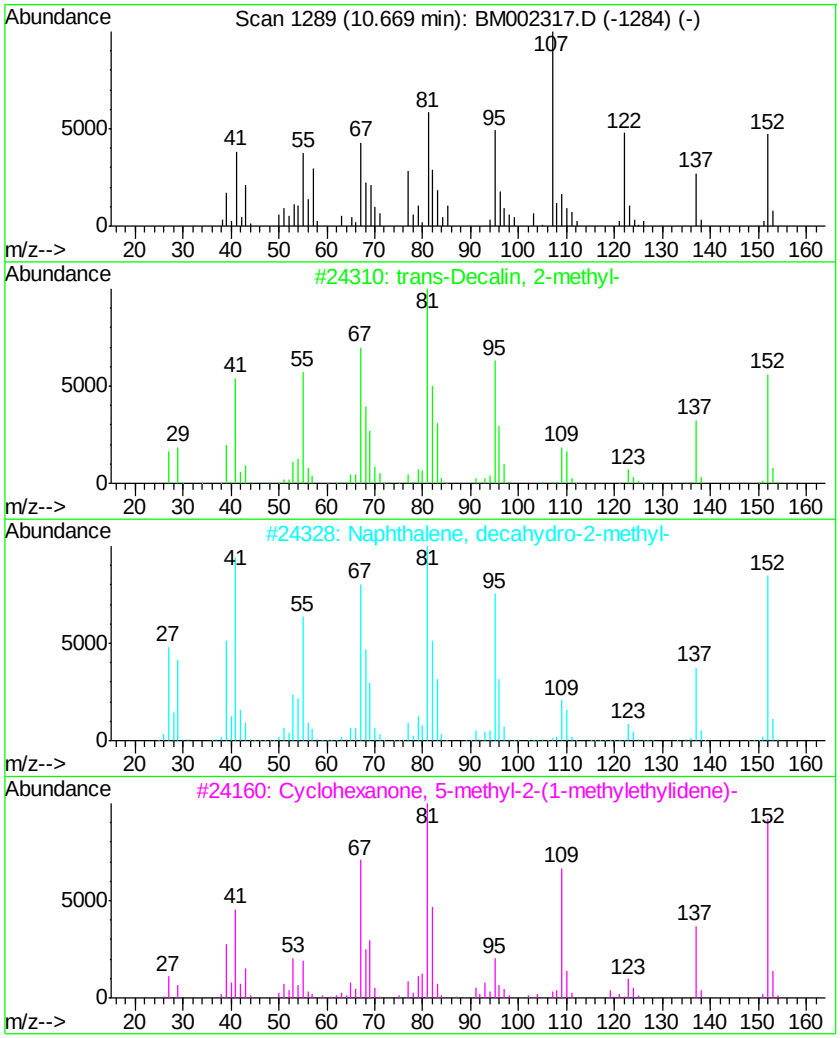
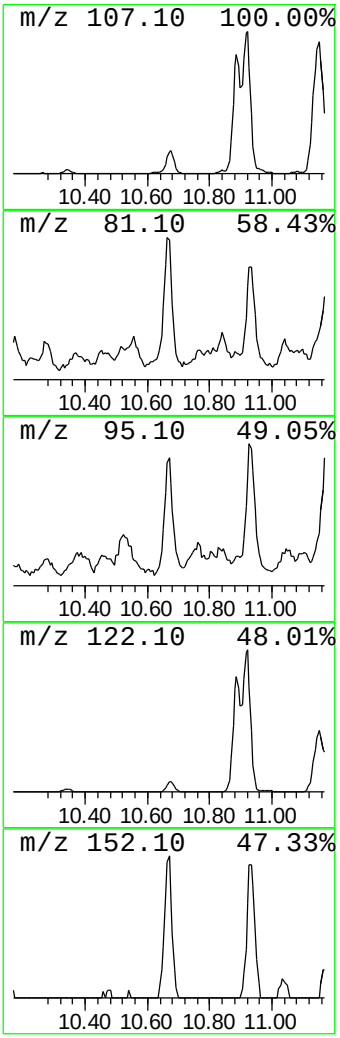
Peak Number 19 trans-Decalin, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.55 ng/ul	273591	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	51
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	46
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	38





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Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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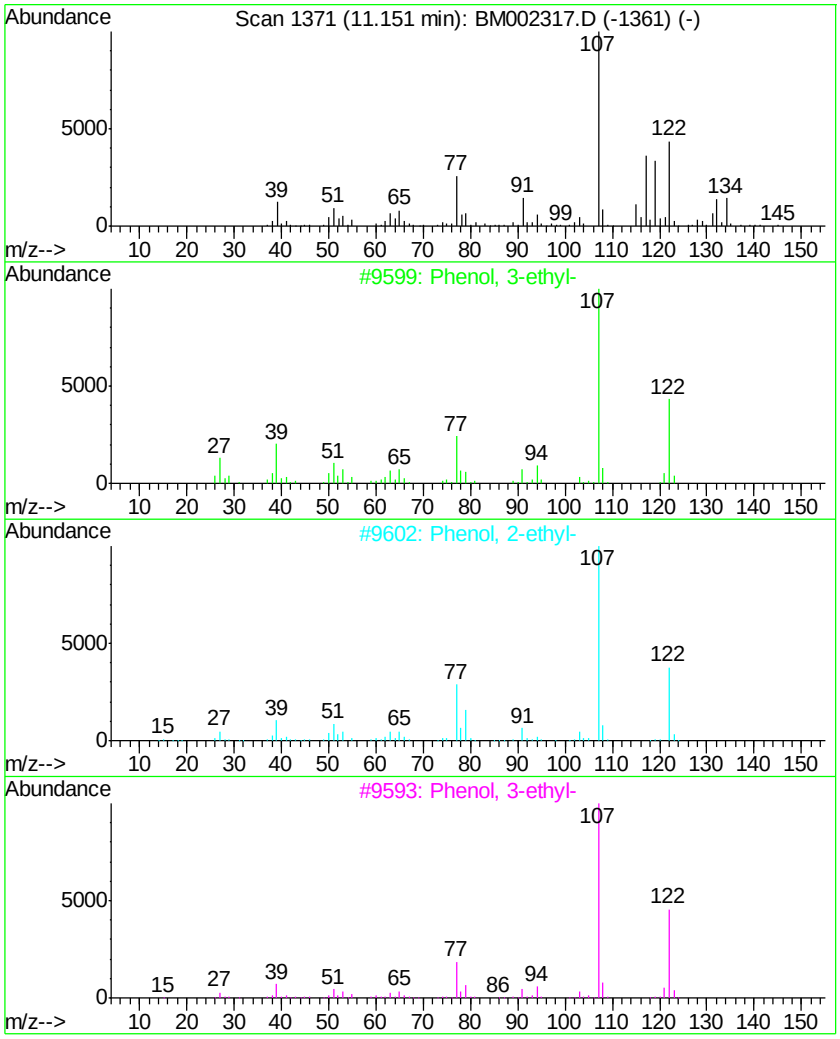
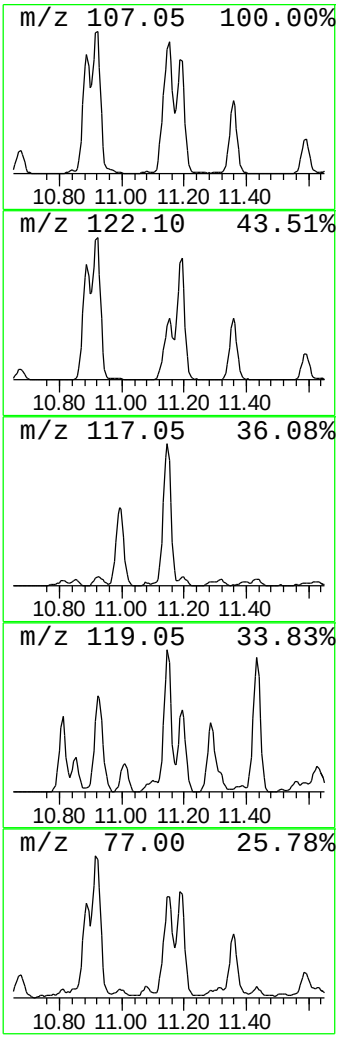
Peak Number 20 Phenol, 3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	9.50 ng/ul	1020000	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	50
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	49
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	49
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	49
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	49





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Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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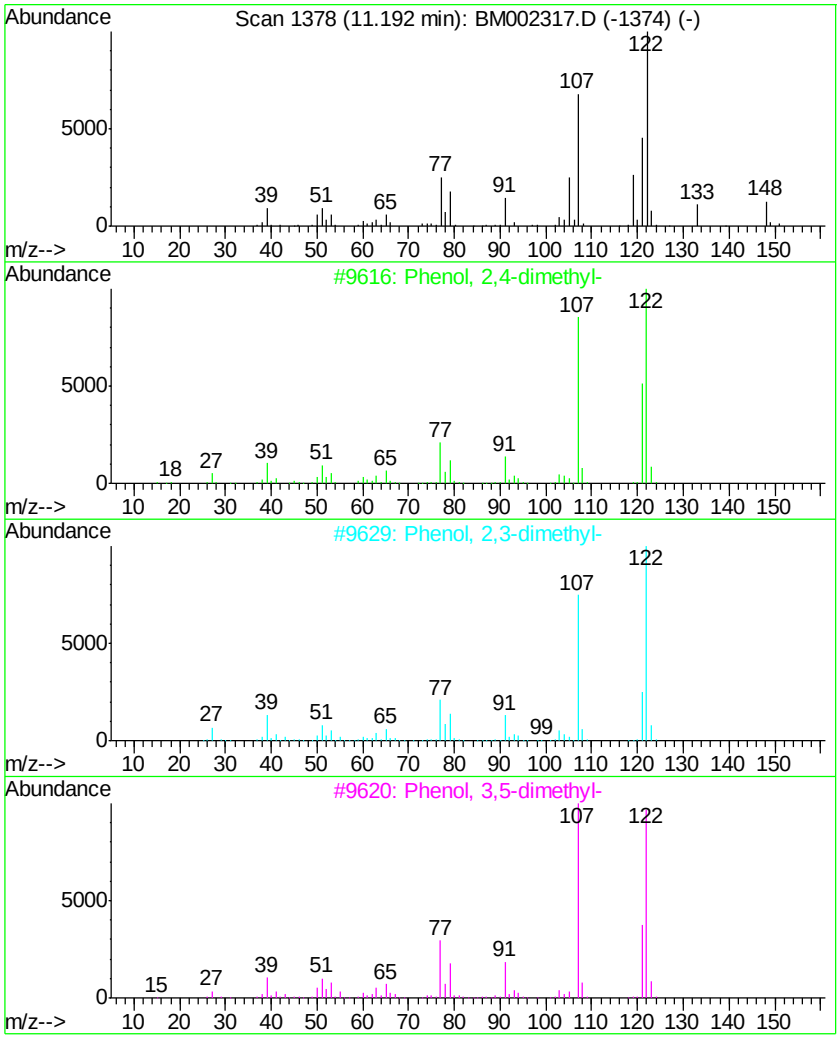
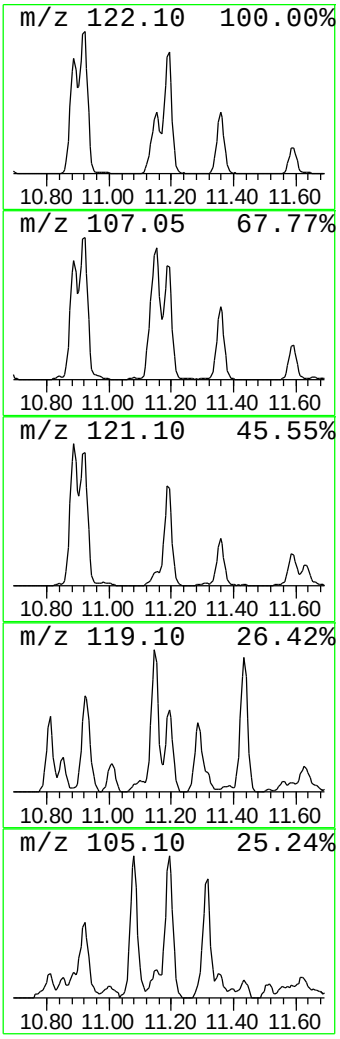
Peak Number 21 Phenol, 2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	6.72 ng/ul	721173	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	76
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	76
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	76
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	72
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	68





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Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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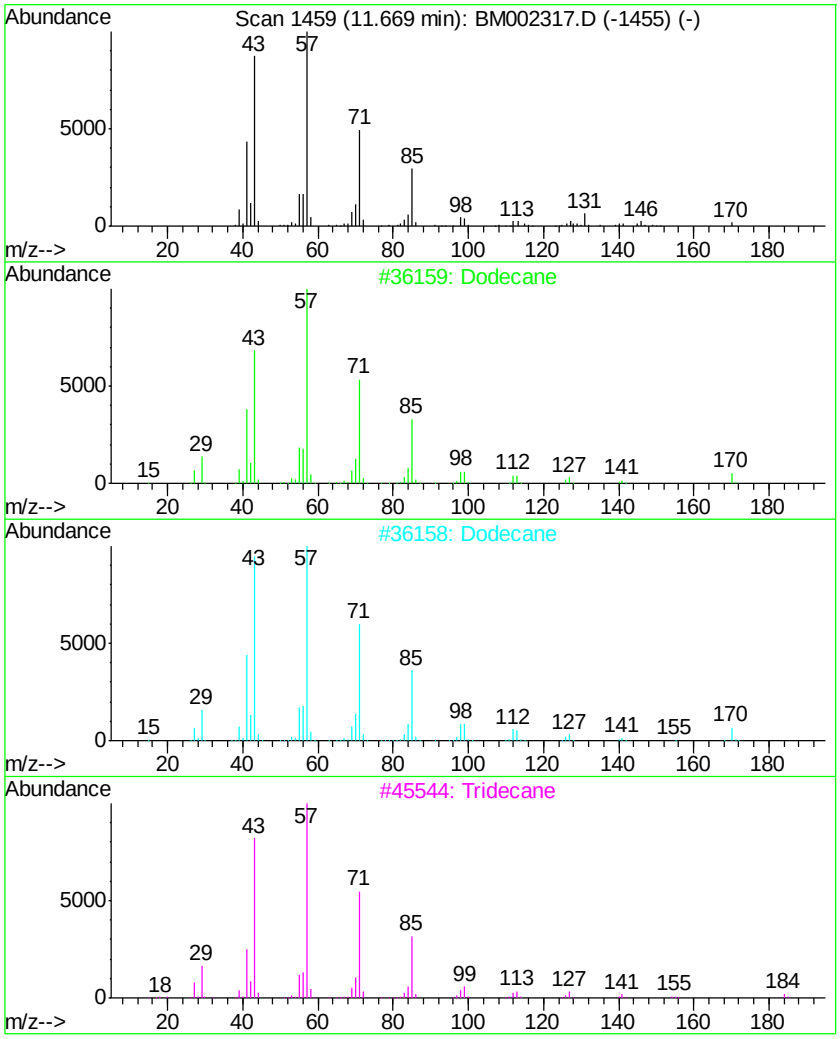
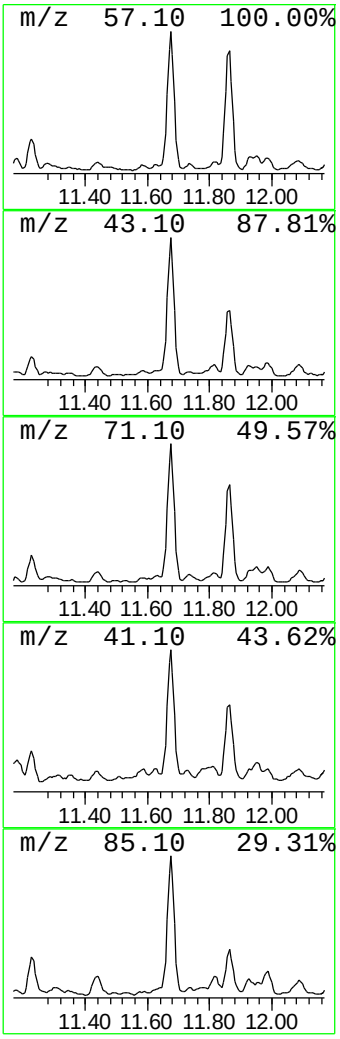
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	5.88 ng/ul	631269	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	95
2	Dodecane	170	C12H26	000112-40-3	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Undecane	156	C11H24	001120-21-4	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
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Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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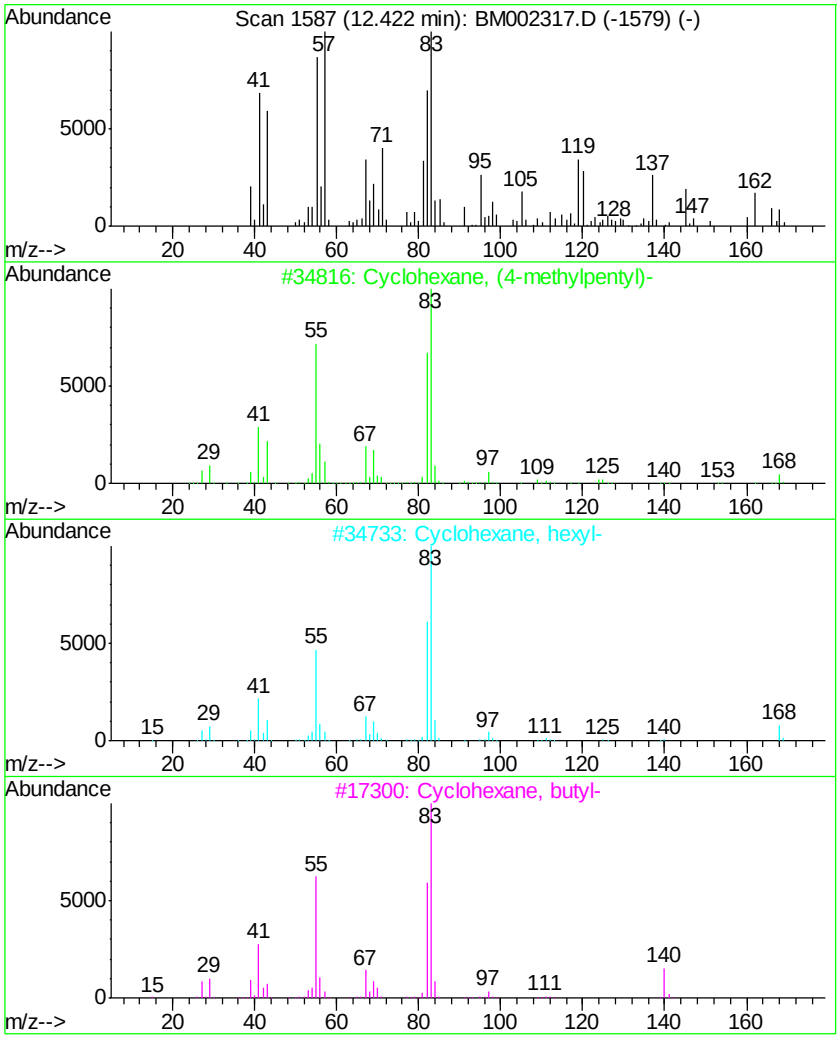
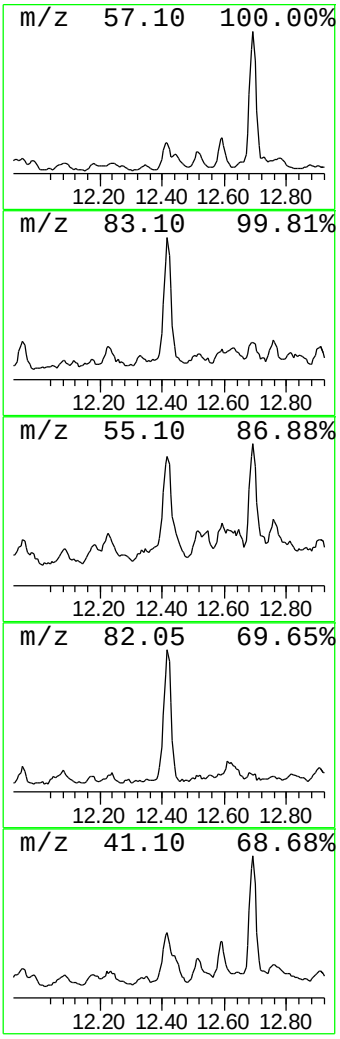
Peak Number 23 (DEL) Alkane: Cyclic12.42 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.57 ng/ul	597683	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	55
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	43
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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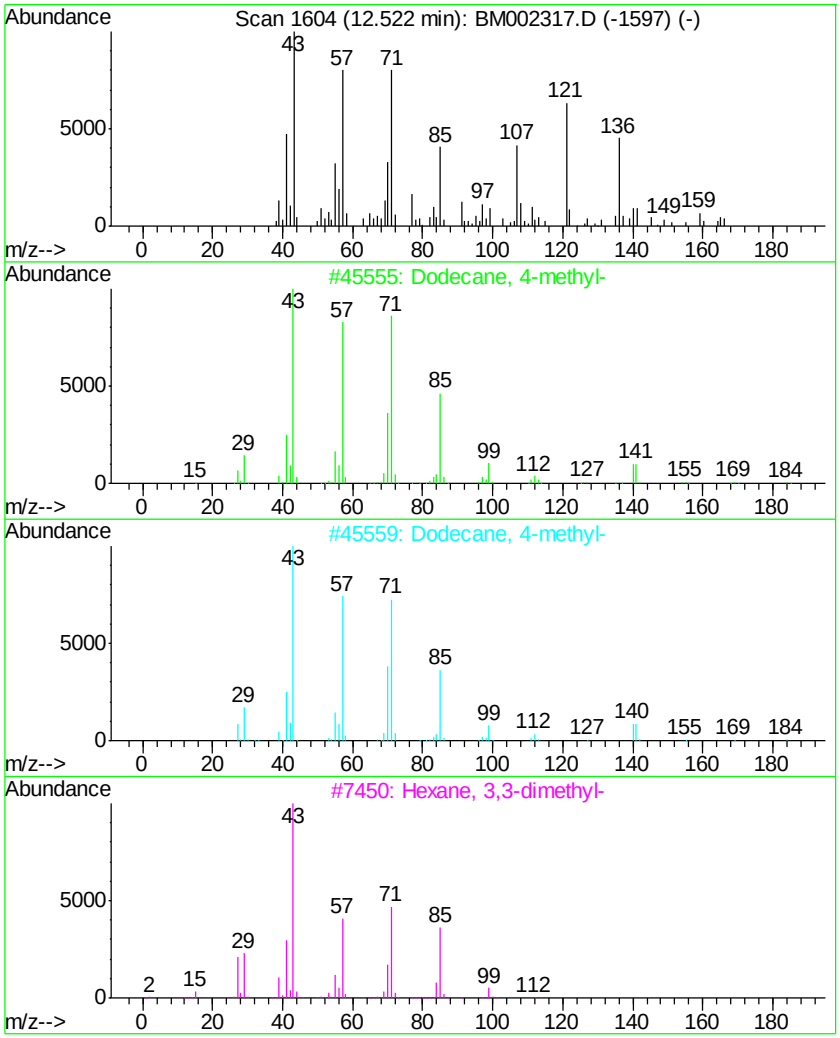
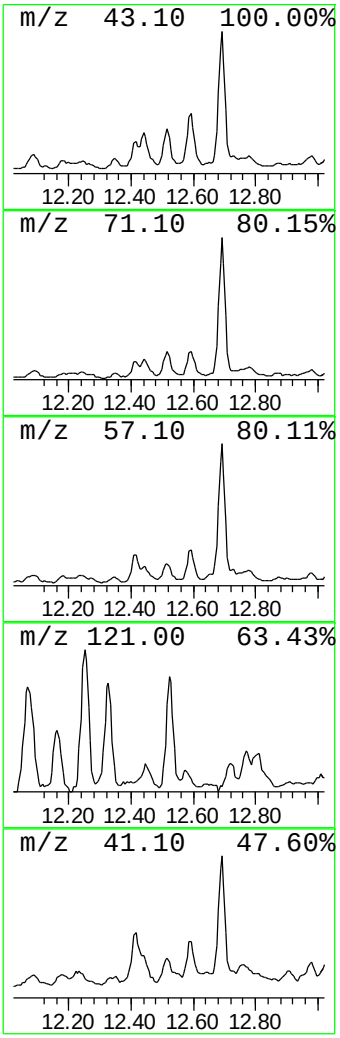
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.24 ng/ul	347561	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	52
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
4	Hexadecane	226	C16H34	000544-76-3	47
5	Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

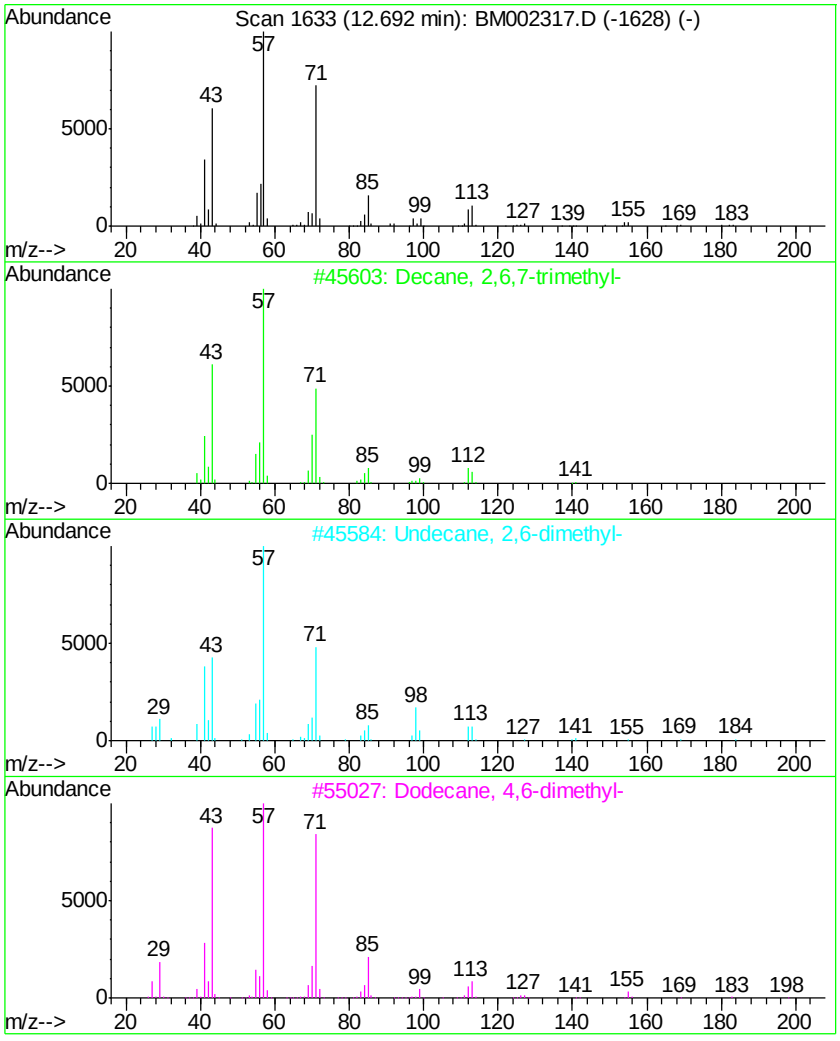
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

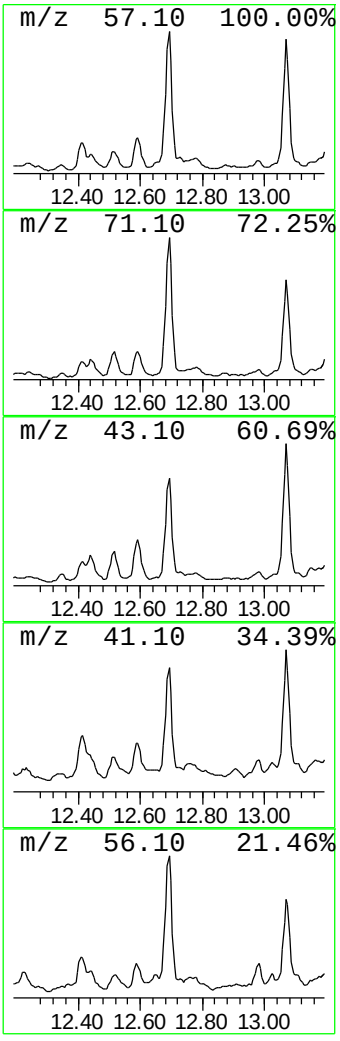
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.58 ng/ul	599456	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
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Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

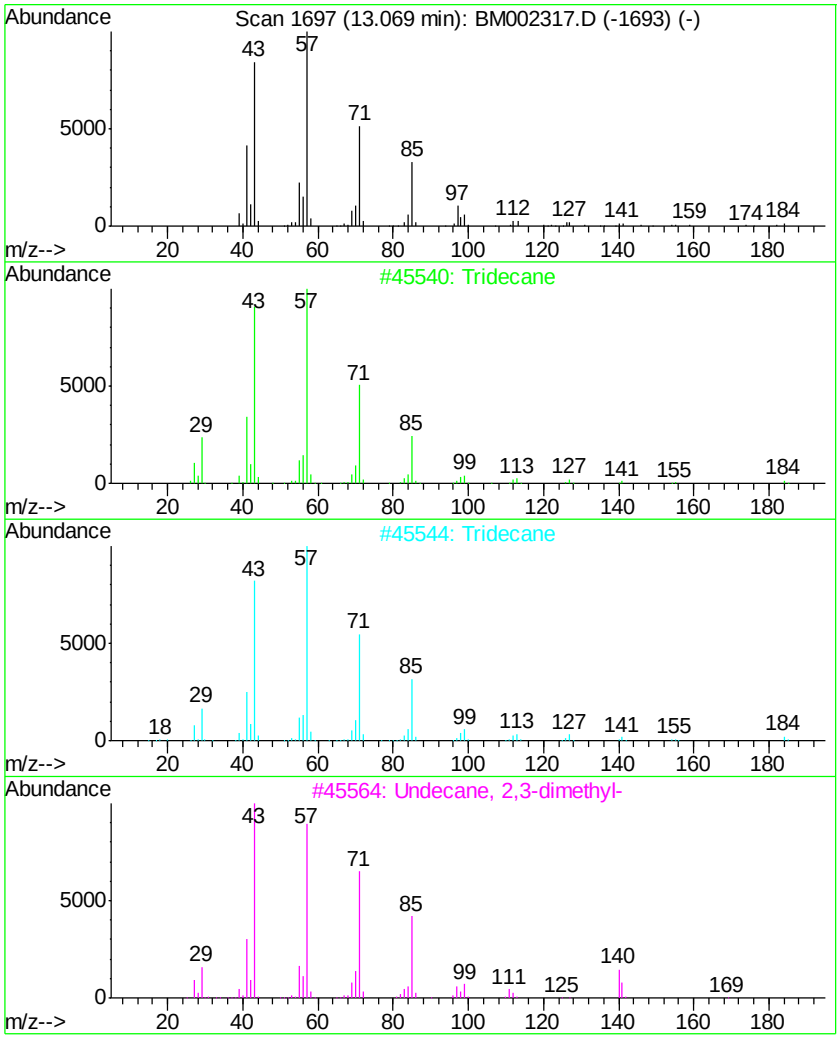
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

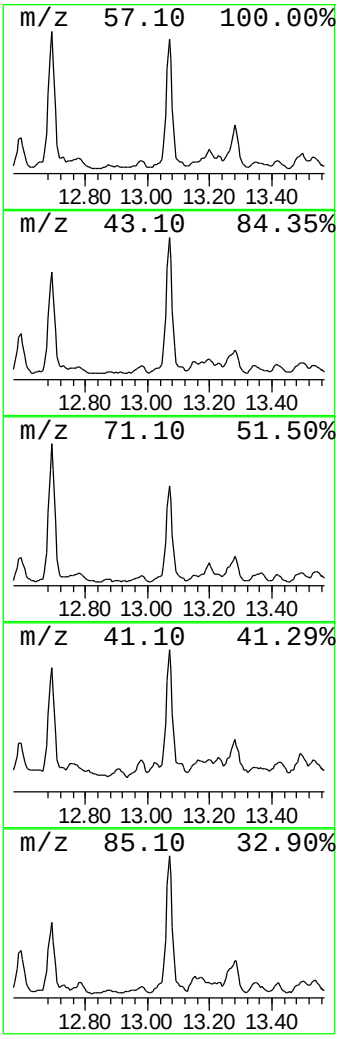
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	6.68 ng/ul	717062	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	95
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
4	Dodecane	170	C12H26	000112-40-3	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

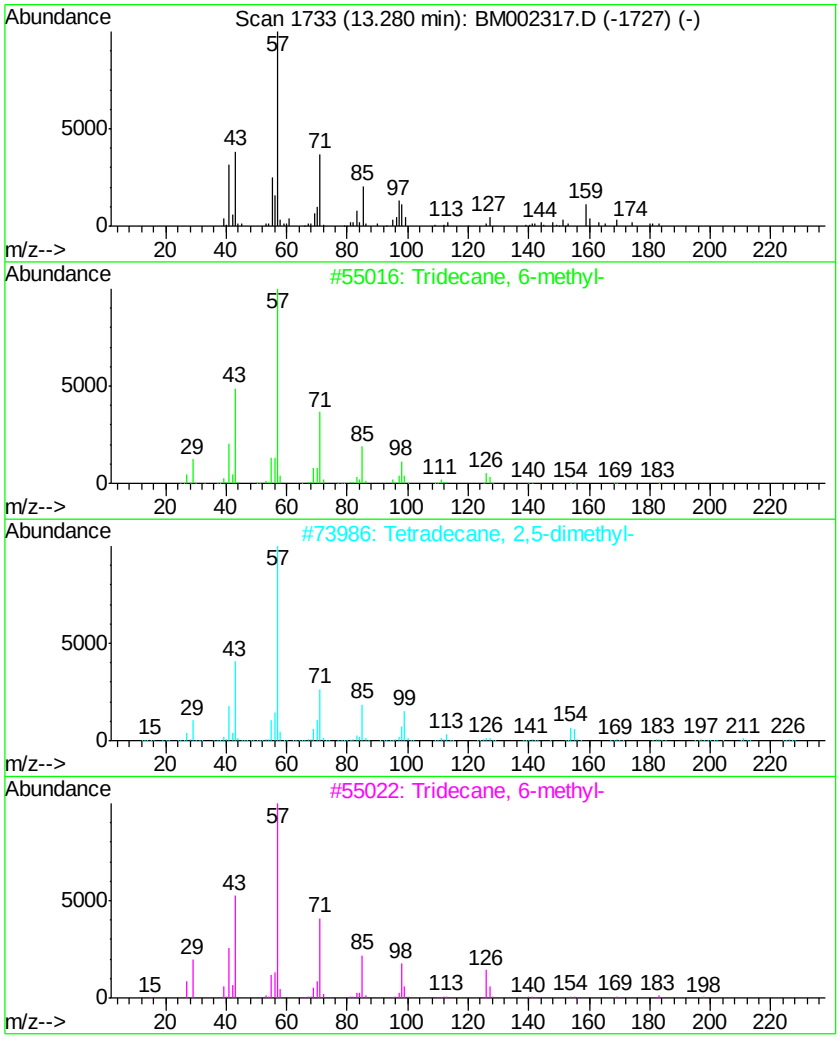
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

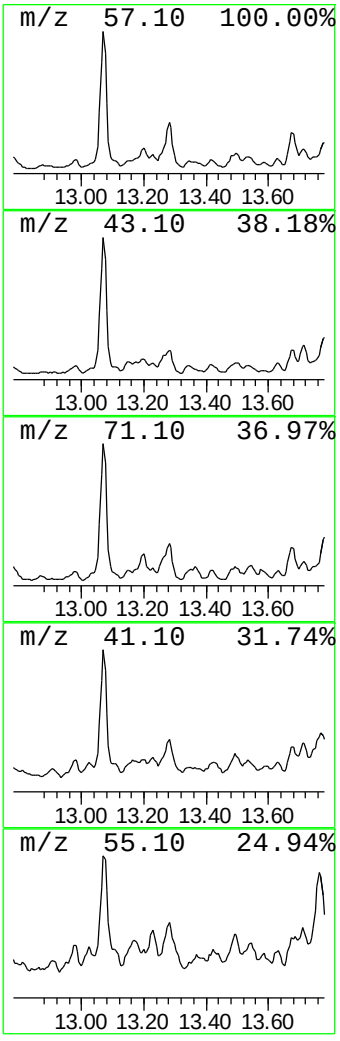
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.92 ng/ul	313751	Naphthalene-d8	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	50
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4	Heptacosane	380	C27H56	000593-49-7	47
5	Undecane	156	C11H24	001120-21-4	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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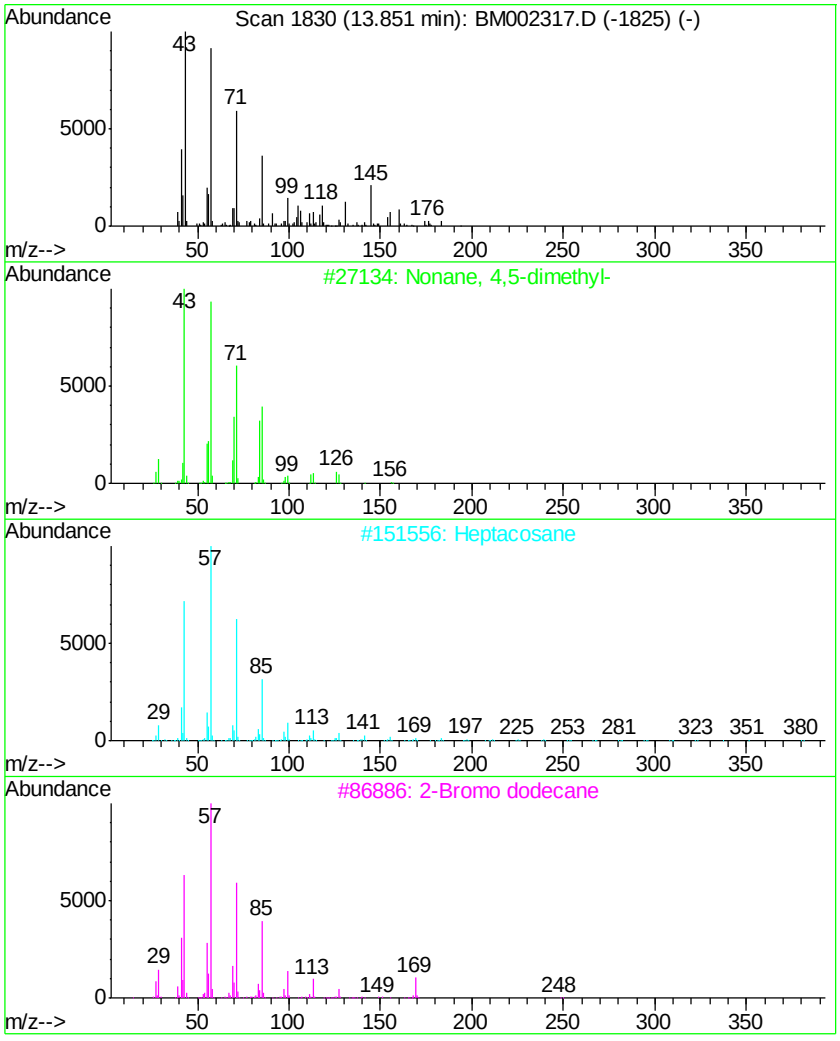
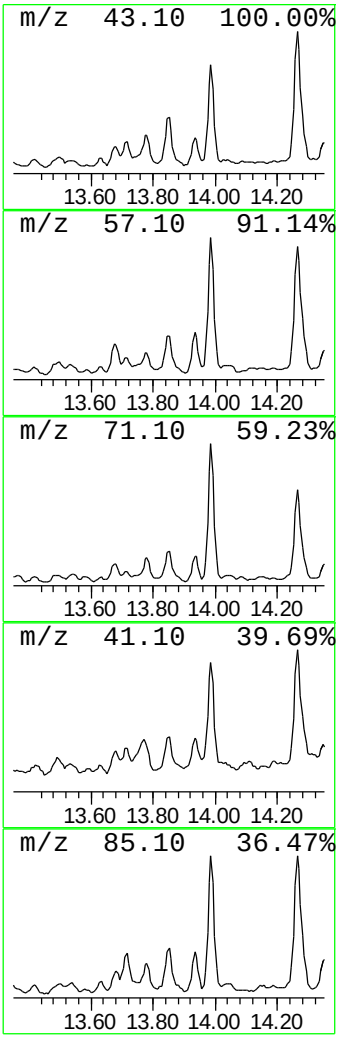
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.78 ng/ul	301447	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	42
2	Heptacosane	380	C27H56	000593-49-7	30
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	30
4	10-Methylnonadecane	282	C20H42	056862-62-5	30
5	Eicosane	282	C20H42	000112-95-8	30





Library Search Compound Report

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Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

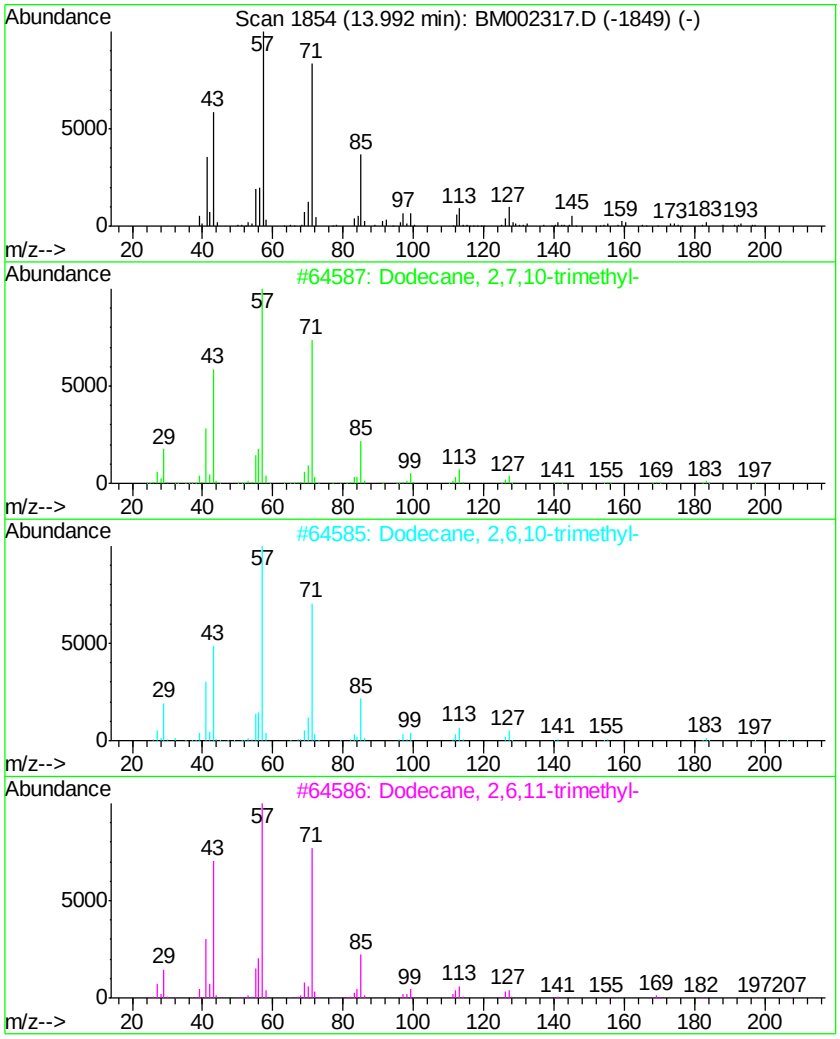
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

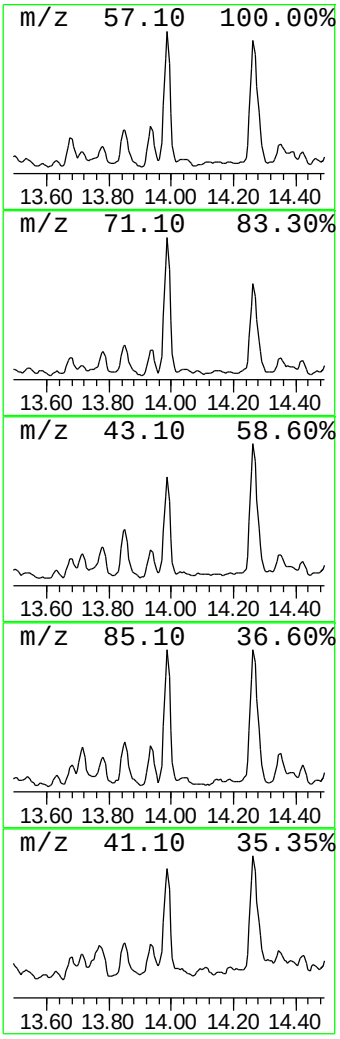
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	6.26 ng/ul	678297	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

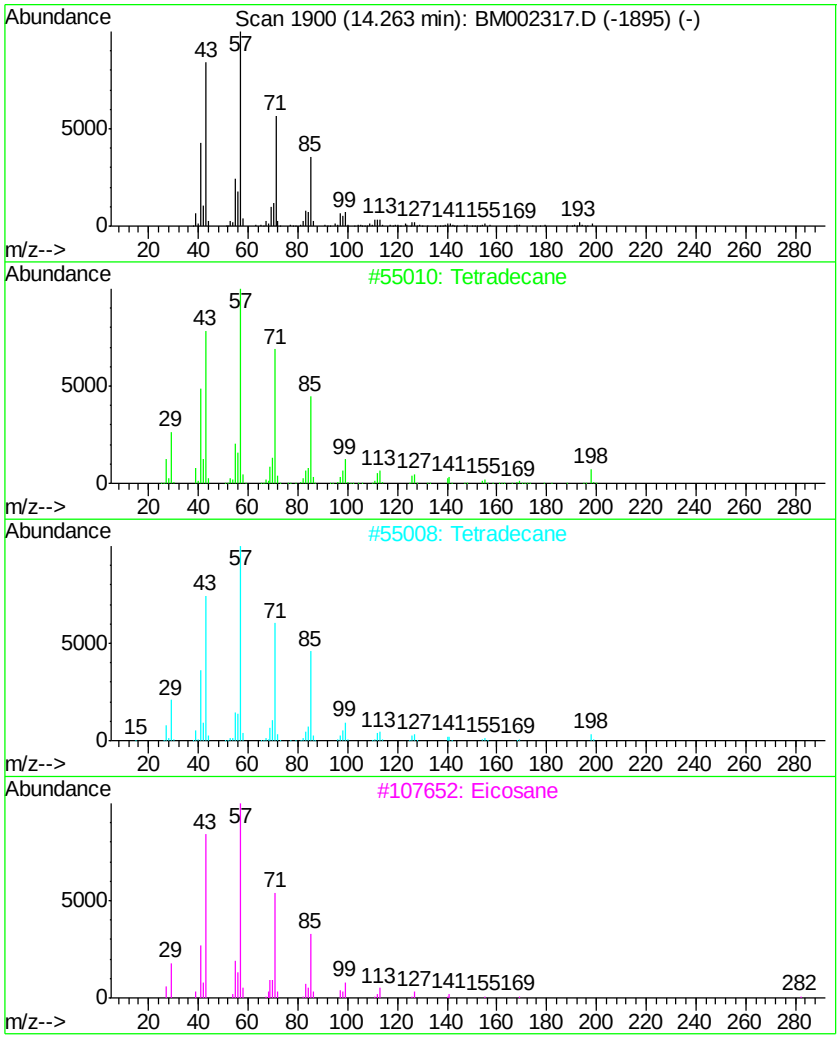
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

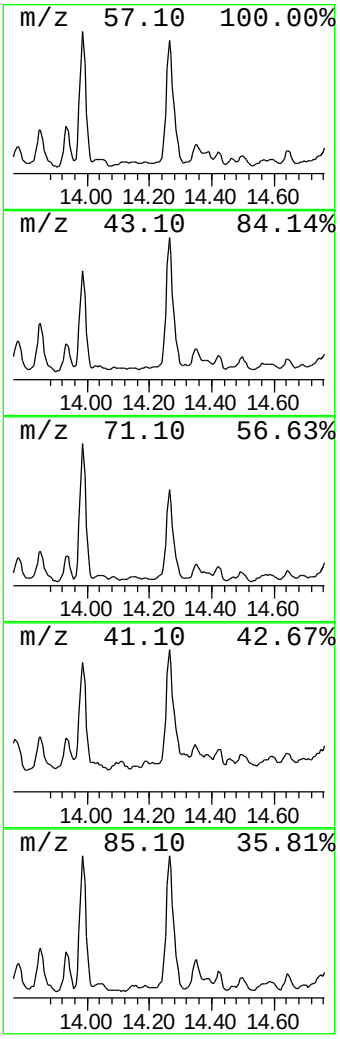
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	9.44 ng/ul	1022800	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane	198	C14H30	000629-59-4	94
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

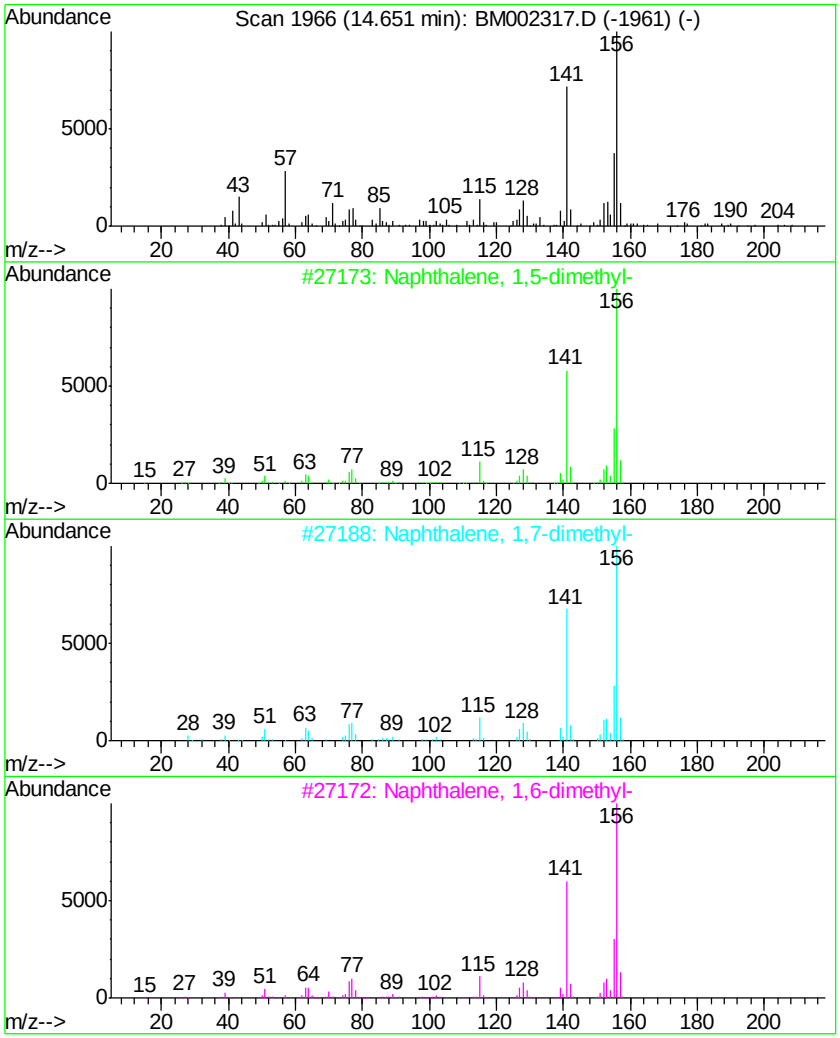
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

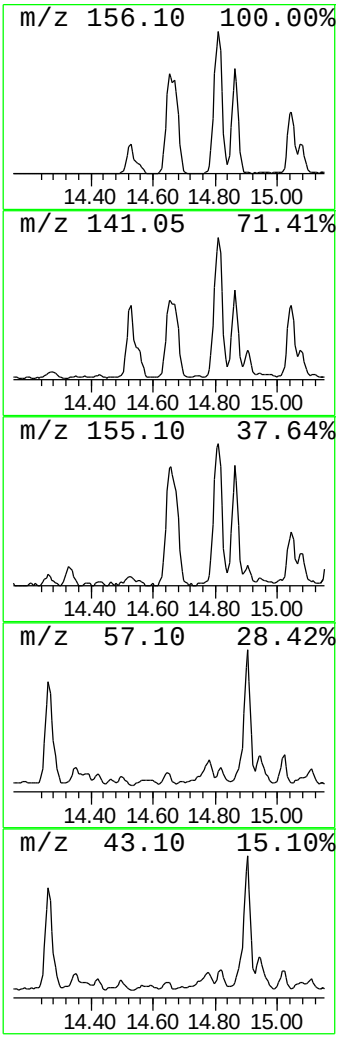
****

Peak Number 31 Naphthalene, 1,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	3.06 ng/ul	331019	Acenaphthene-d10	15.49

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

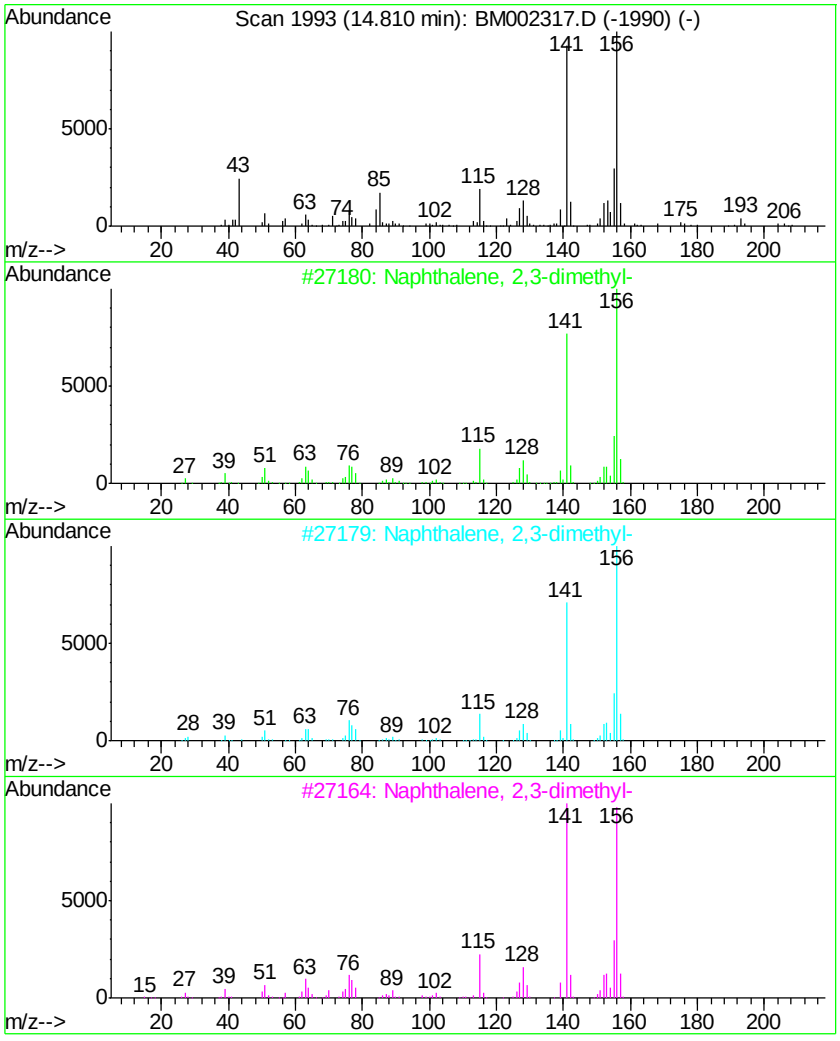
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

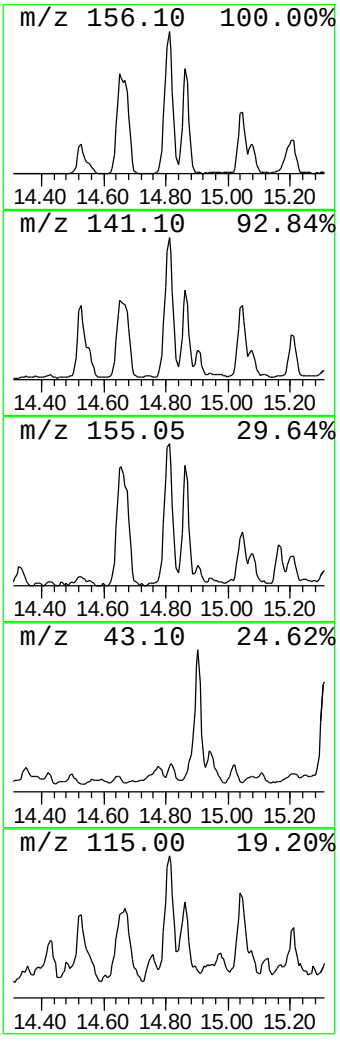
****

Peak Number 32 Naphthalene, 2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.95 ng/ul	319931	Acenaphthene-d10	15.49

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, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

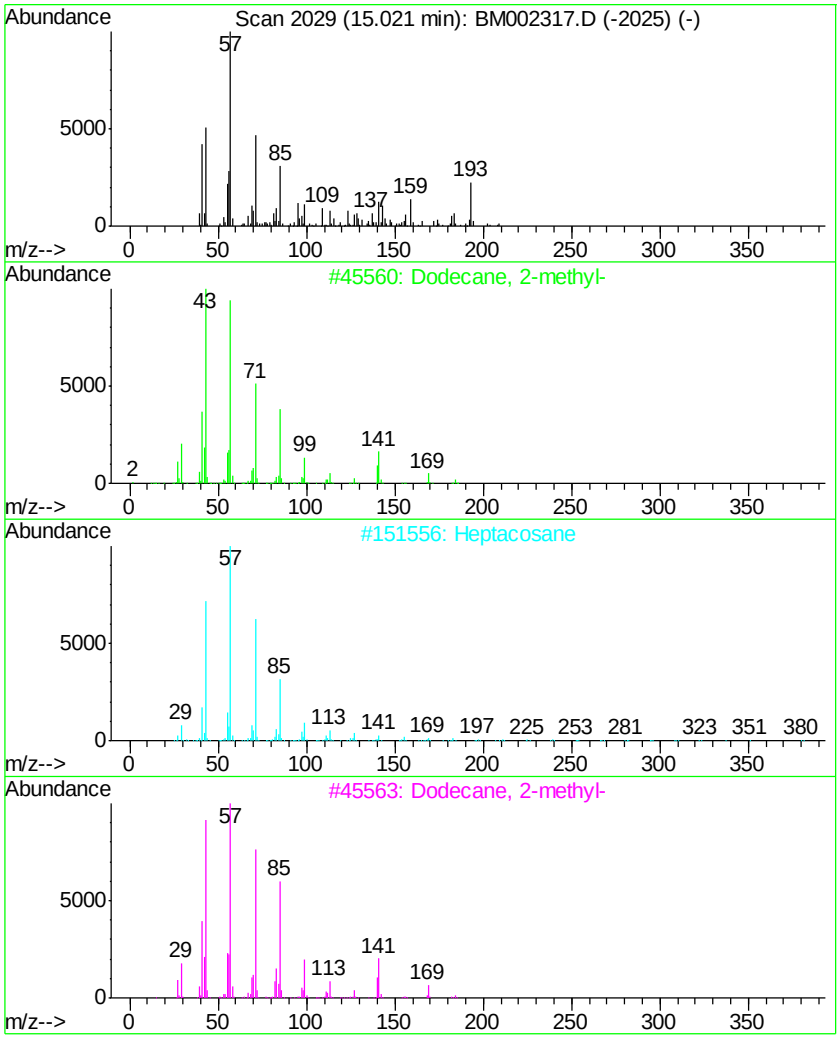
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

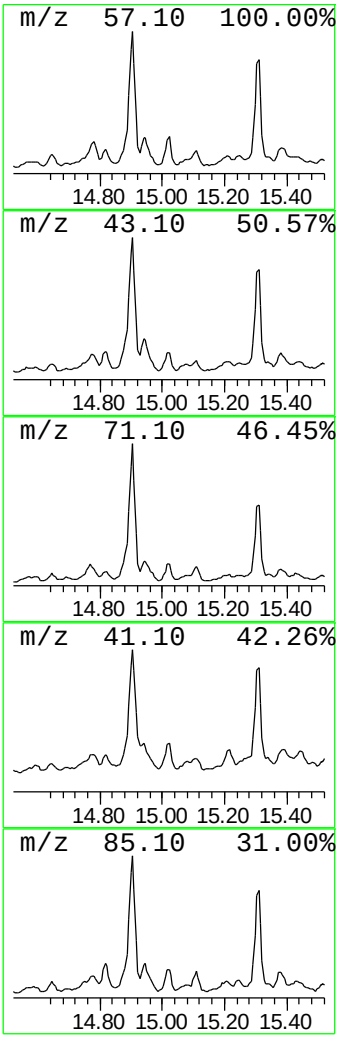
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.61 ng/ul	390953	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	46
2	Heptacosane	380	C27H56	000593-49-7	43
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	43
4	Undecane	156	C11H24	001120-21-4	43
5	Nonacosane	408	C29H60	000630-03-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

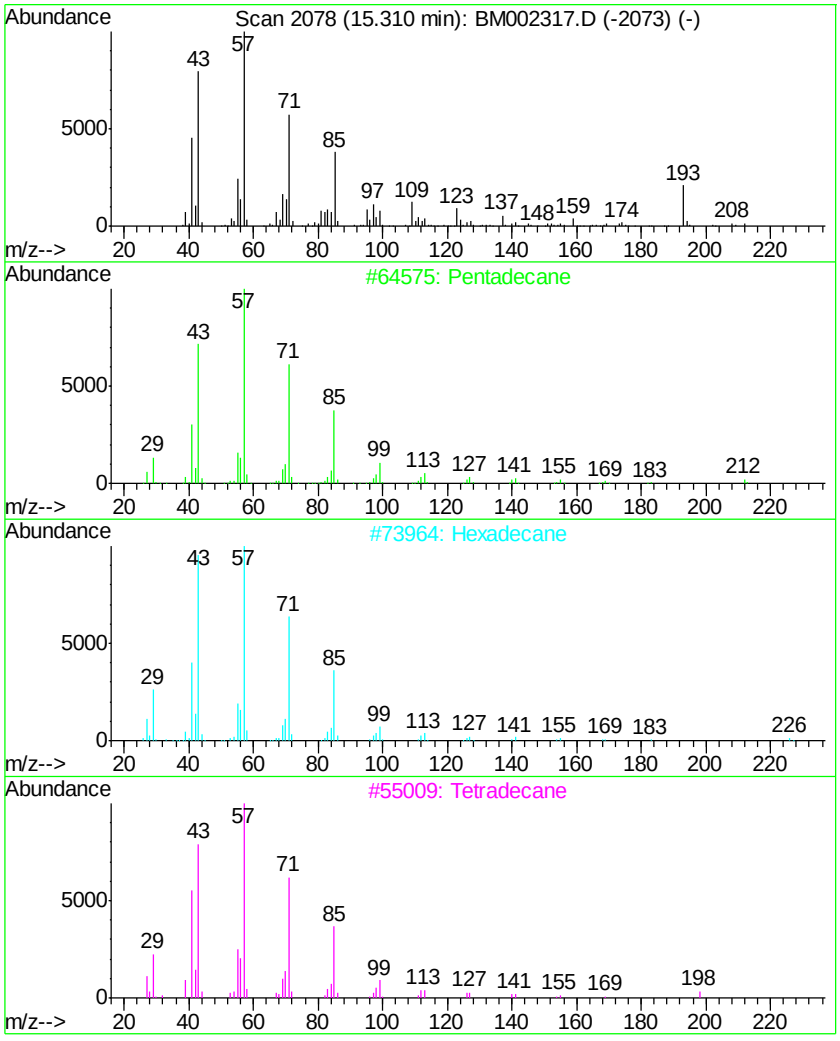
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

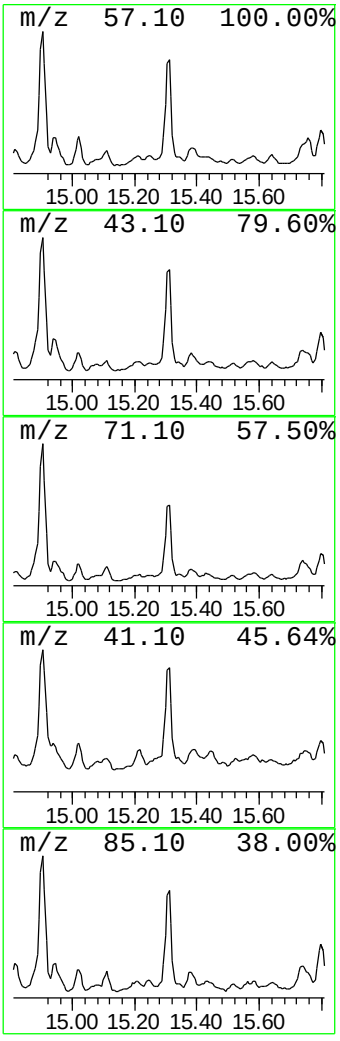
****

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	9.74 ng/ul	1054810	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	92
2	Hexadecane	226	C16H34	000544-76-3	49
3	Tetradecane	198	C14H30	000629-59-4	49
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	49
5	Tetradecane	198	C14H30	000629-59-4	49





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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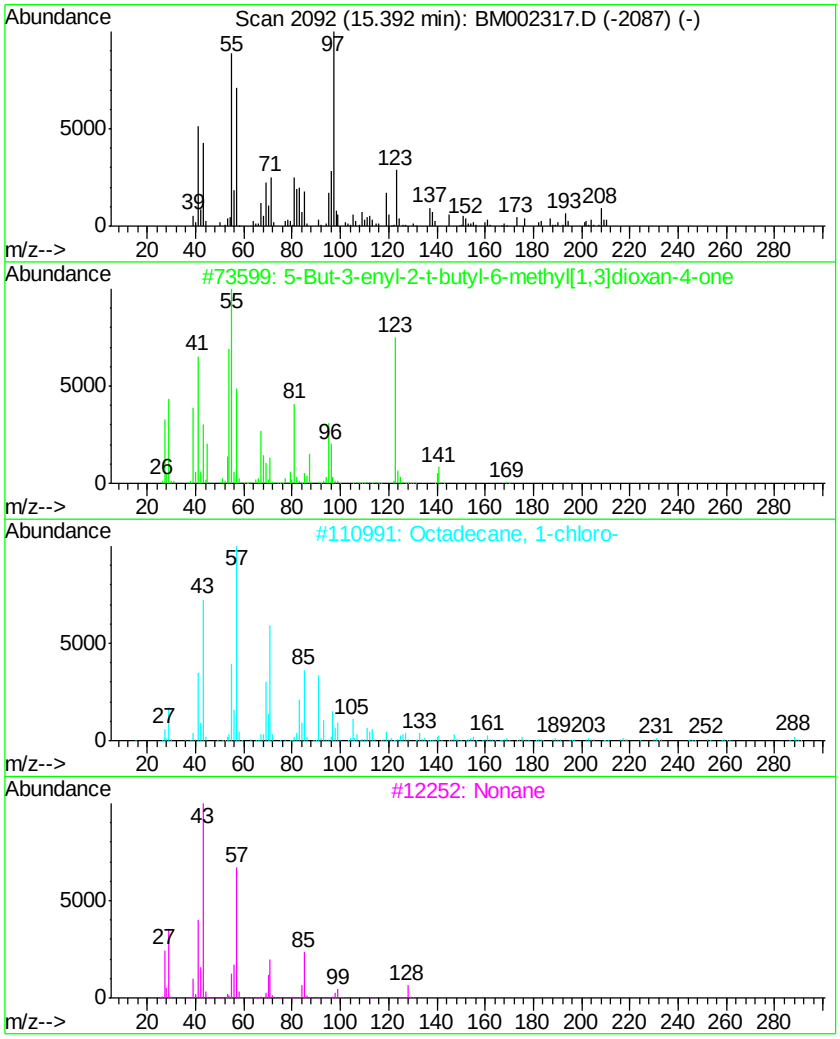
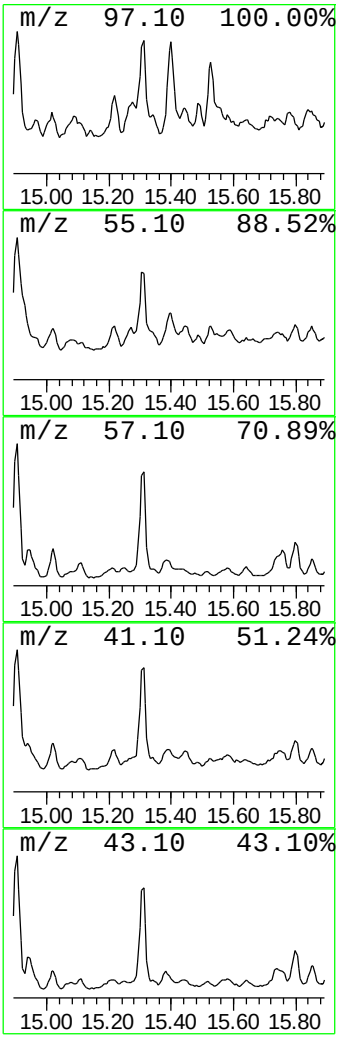
Peak Number 35 unknown-03 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	2.28 ng/ul	246962	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-But-3-enyl-2-t-butyl-6-methyl[...	226	C13H22O3	129287-75-8	22
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	18
3	Nonane	128	C9H20	000111-84-2	15
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	14
5	Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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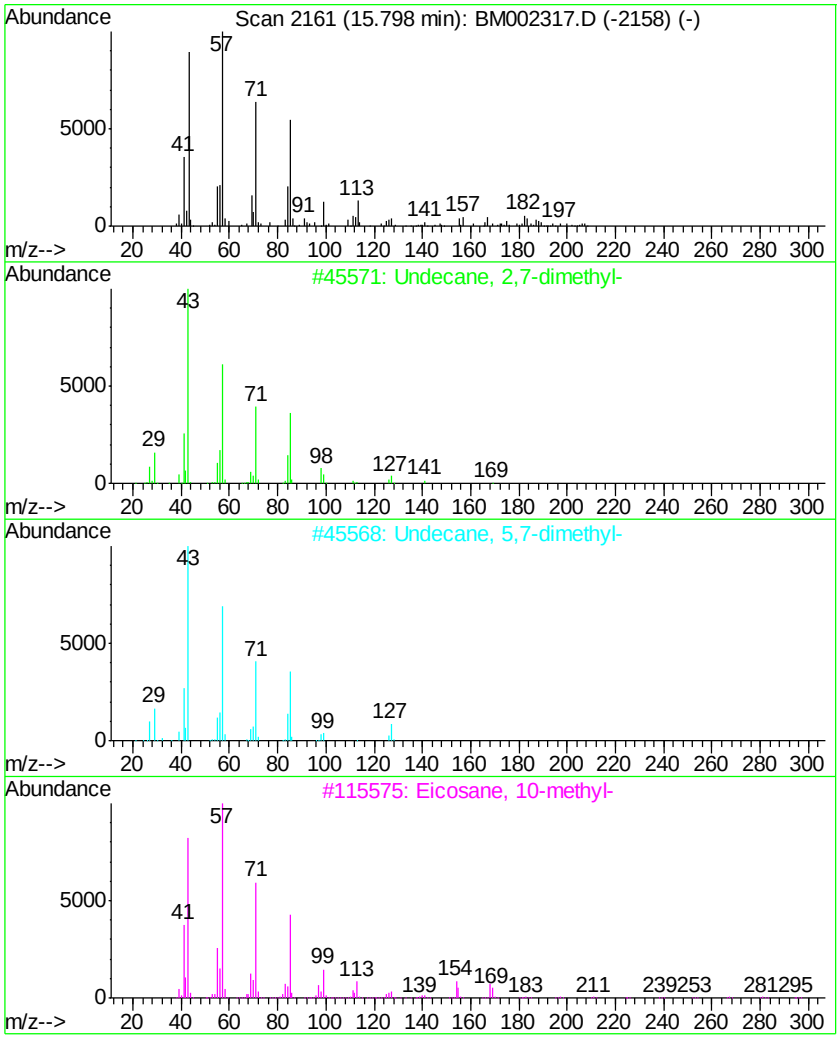
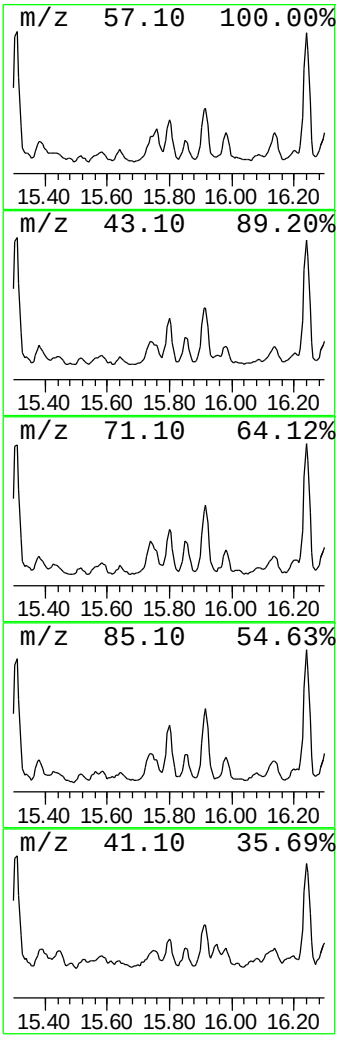
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.38 ng/ul	257611	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
2	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
4	Decane, 4-ethyl-	170	C12H26	001636-44-8	64
5	Hexadecane	226	C16H34	000544-76-3	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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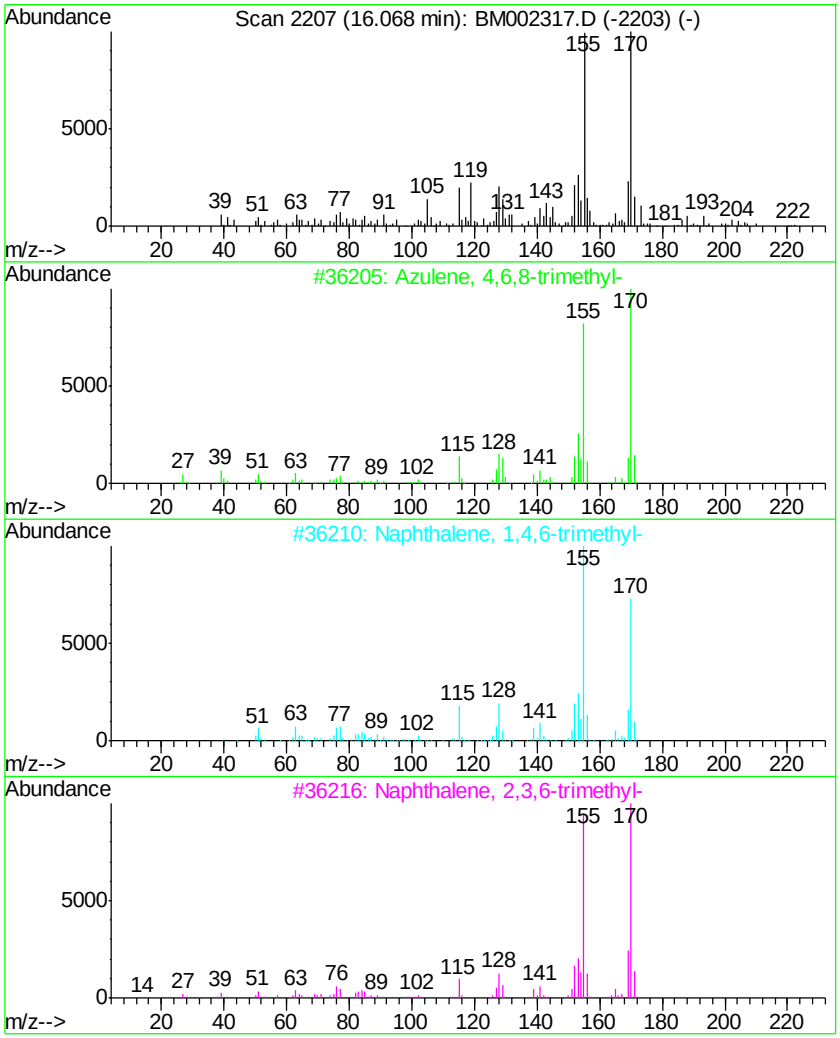
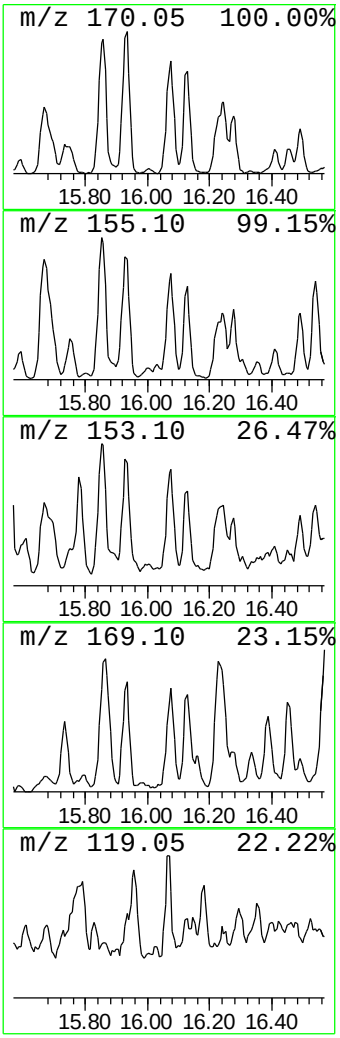
Peak Number 37 Azulene, 4,6,8-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.96 ng/ul	429205	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
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Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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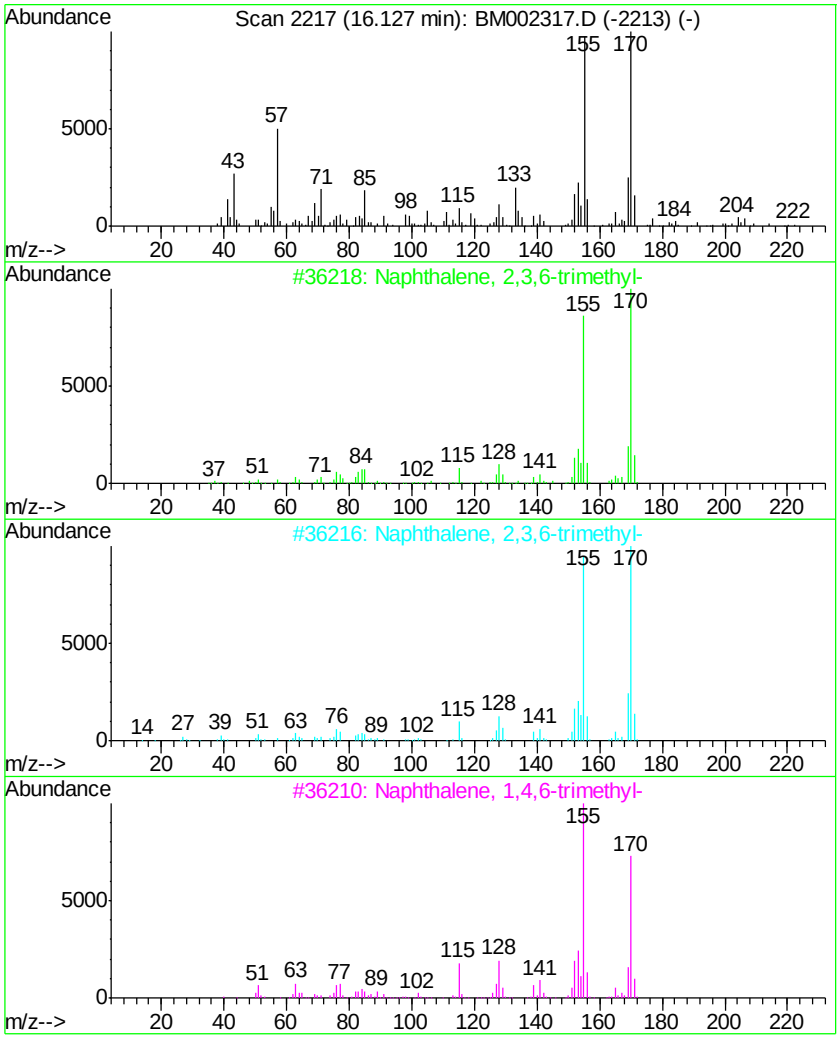
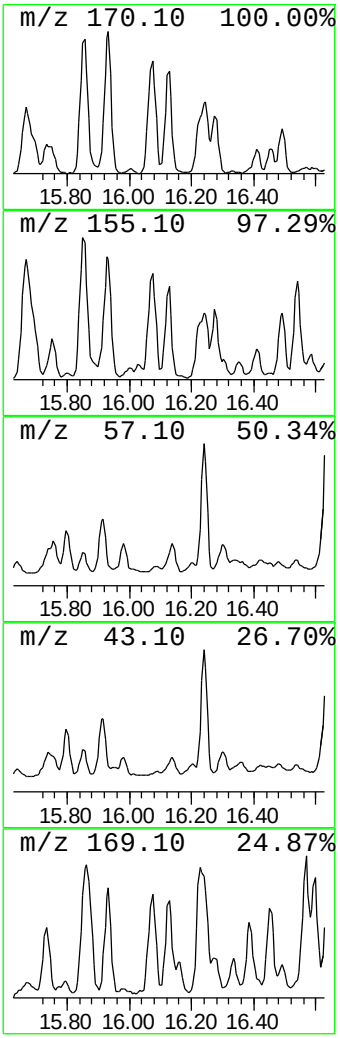
Peak Number 38 Naphthalene, 2,3,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	3.97 ng/ul	429697	Acenaphthene-d10	15.49

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

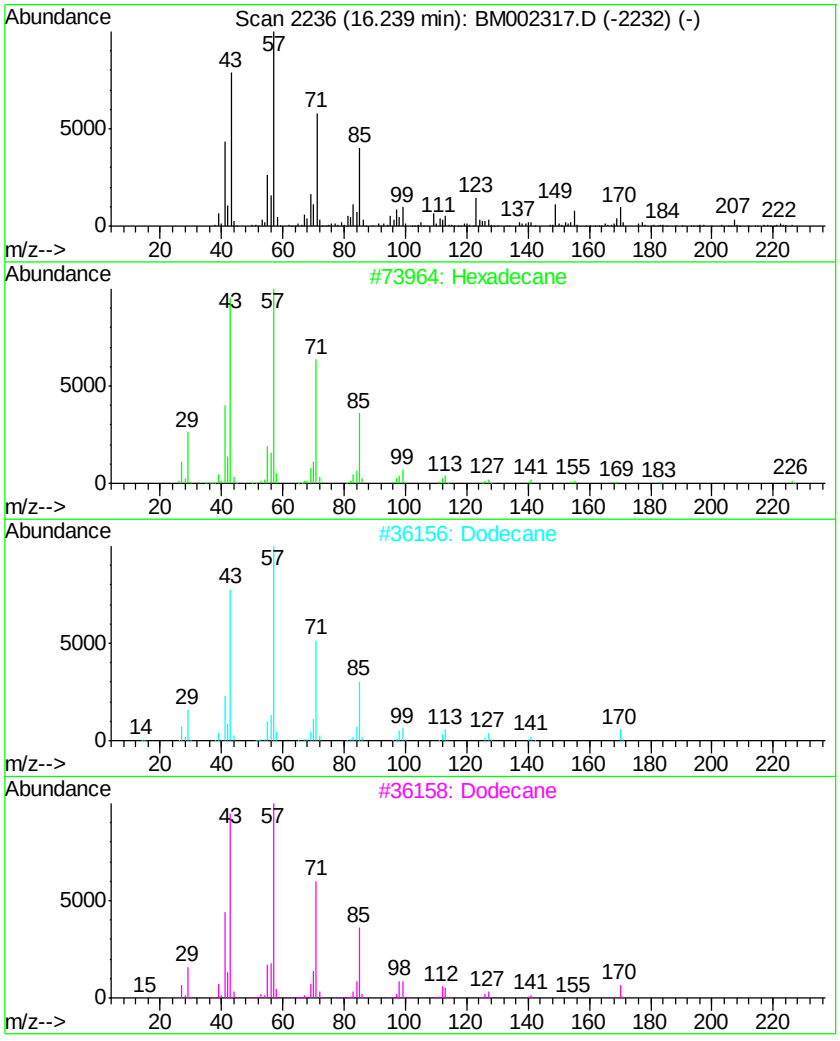
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

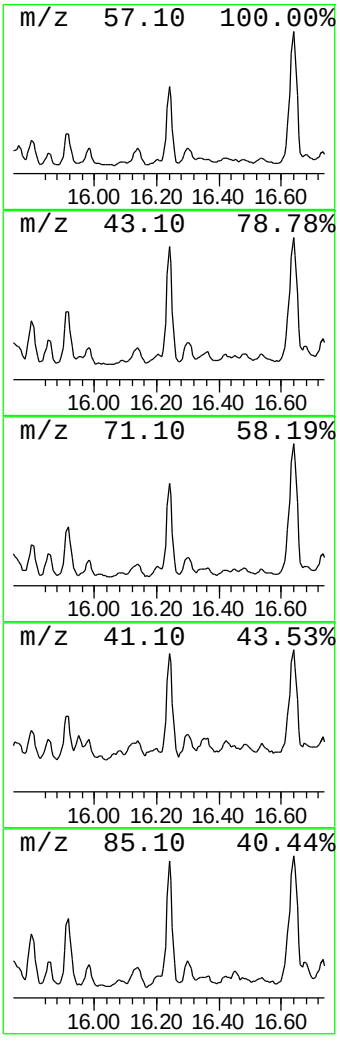
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	8.40 ng/ul	909875	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Dodecane	170	C12H26	000112-40-3	92
3	Dodecane	170	C12H26	000112-40-3	89
4	Dodecane	170	C12H26	000112-40-3	89
5	Nonadecane	268	C19H40	000629-92-5	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

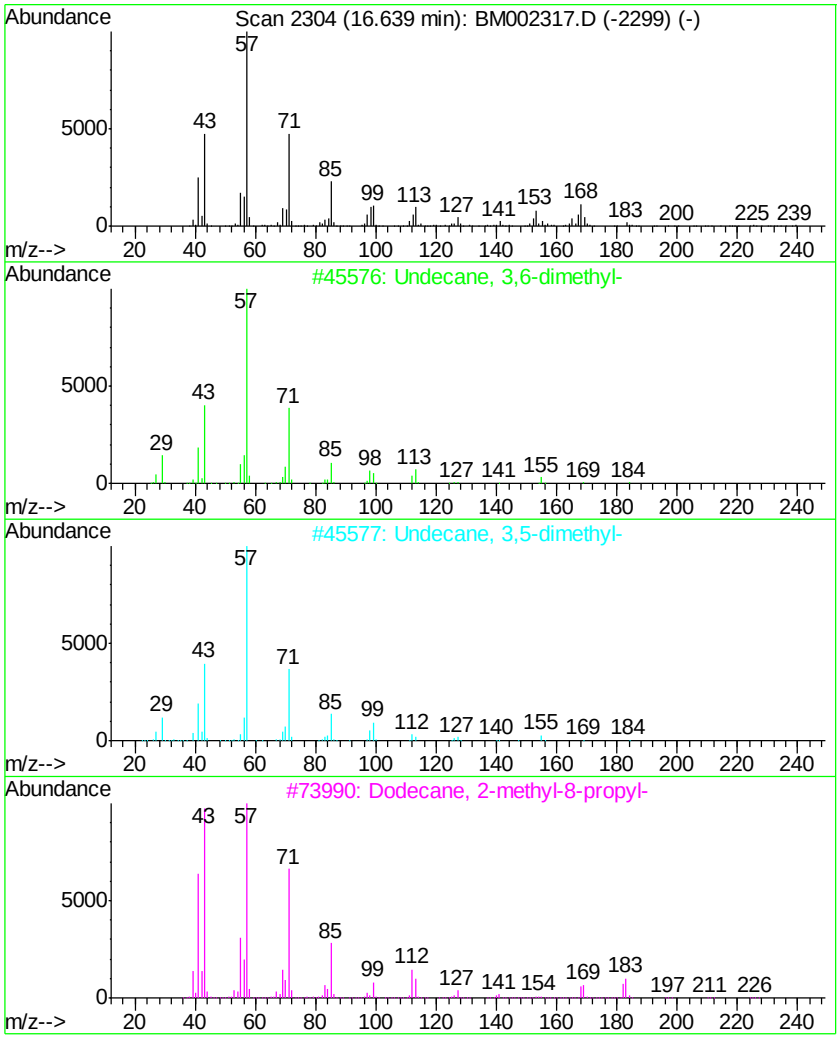
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

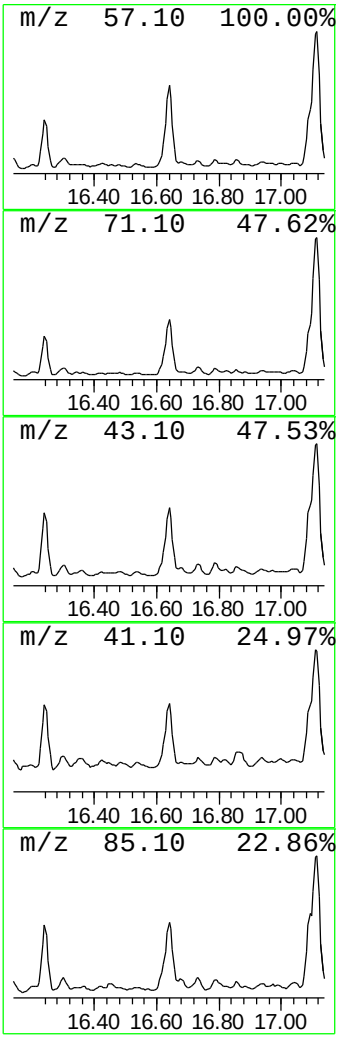
****

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	11.22 ng/ul	1215020	Acenaphthene-d10	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	70
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	68
4	Hexacosane	366	C26H54	000630-01-3	58
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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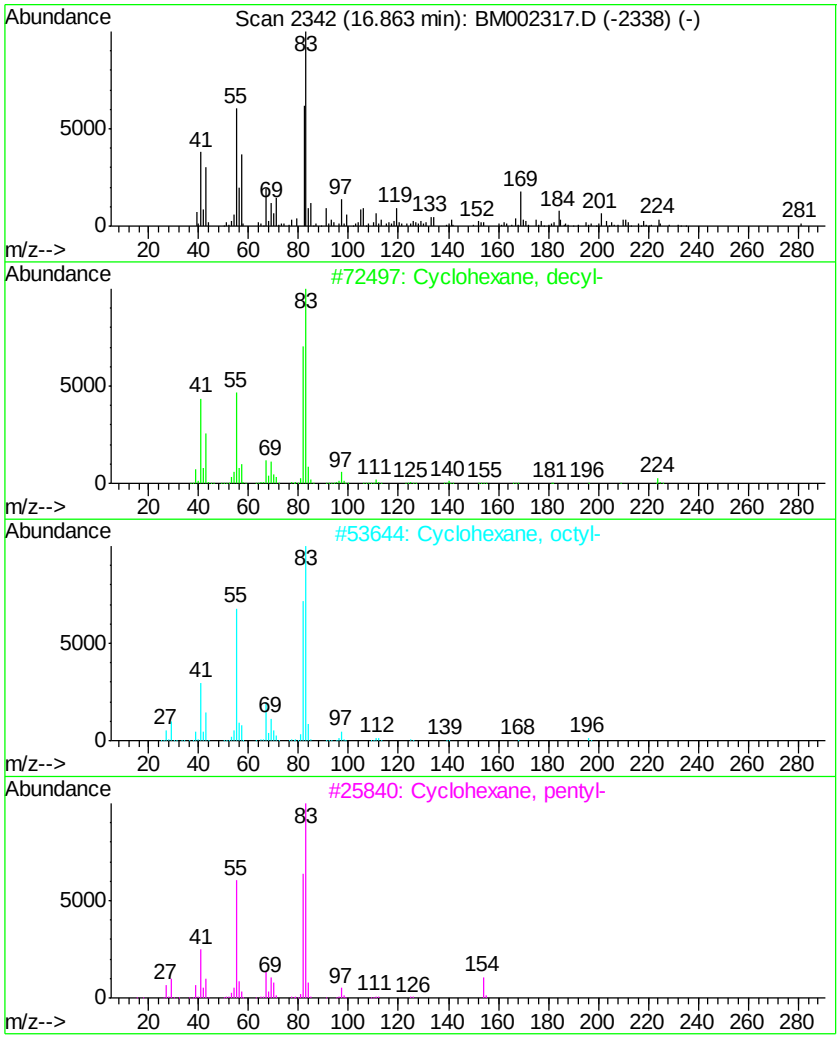
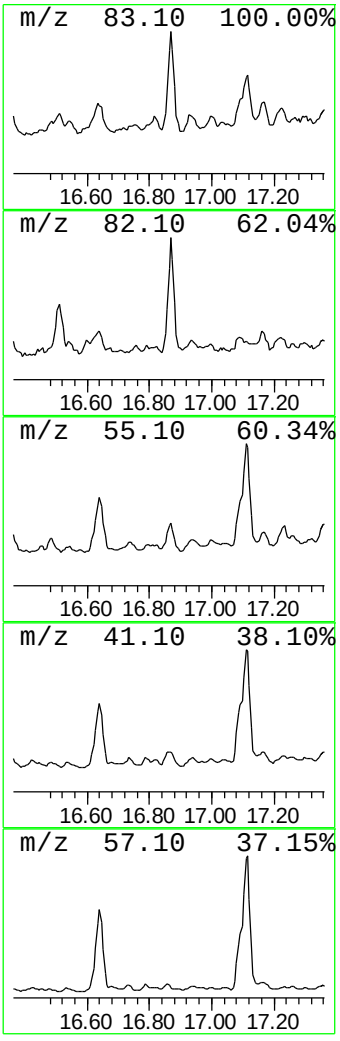
Peak Number 41 (DEL) Alkane: Cyclic16.86 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	2.67 ng/ul	306369	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, decyl-	224	C16H32	001795-16-0	70
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	52





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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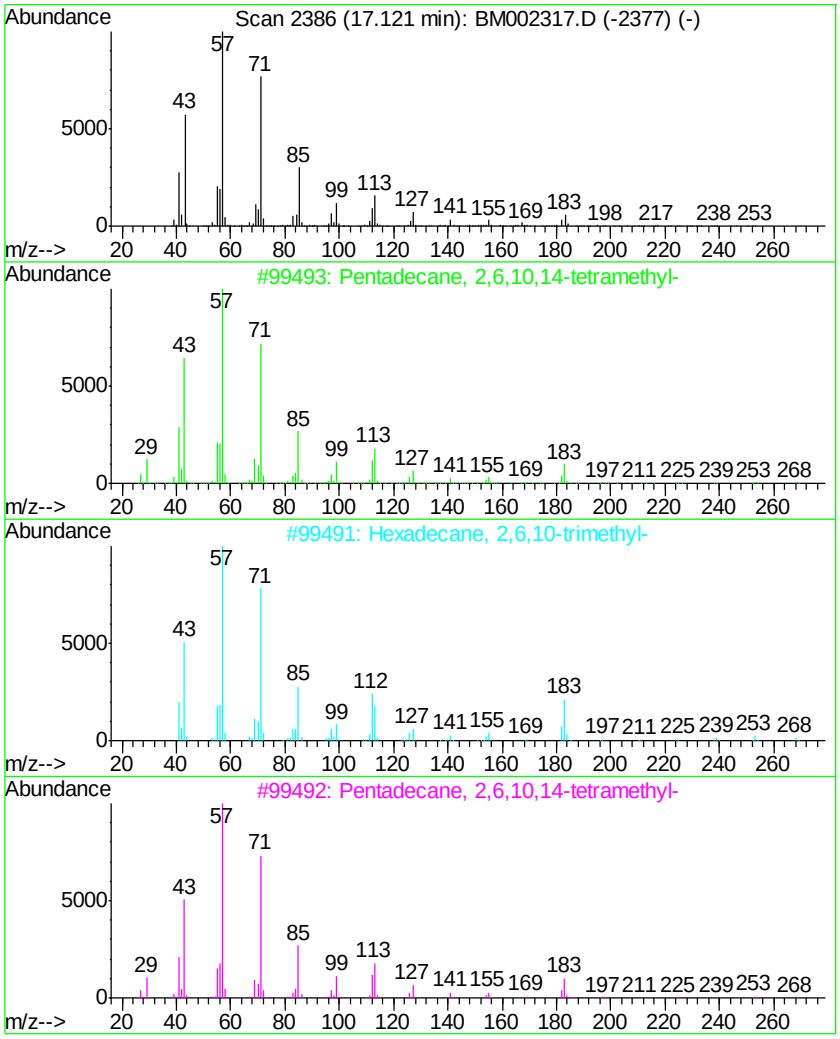
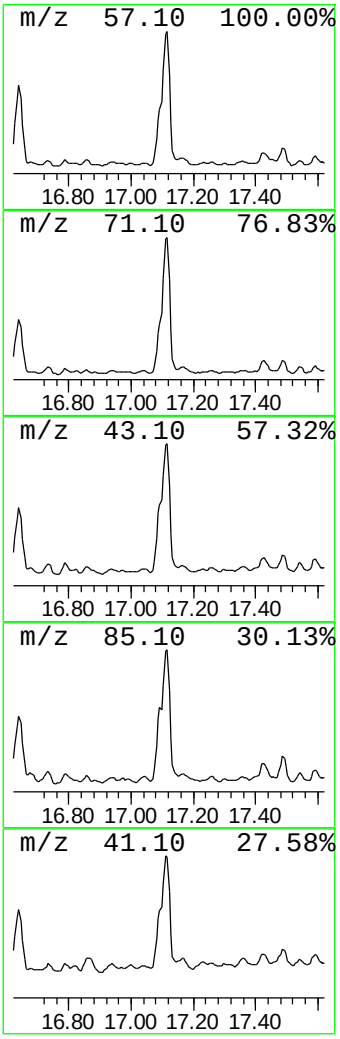
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	23.63 ng/ul	2711320	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	91
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

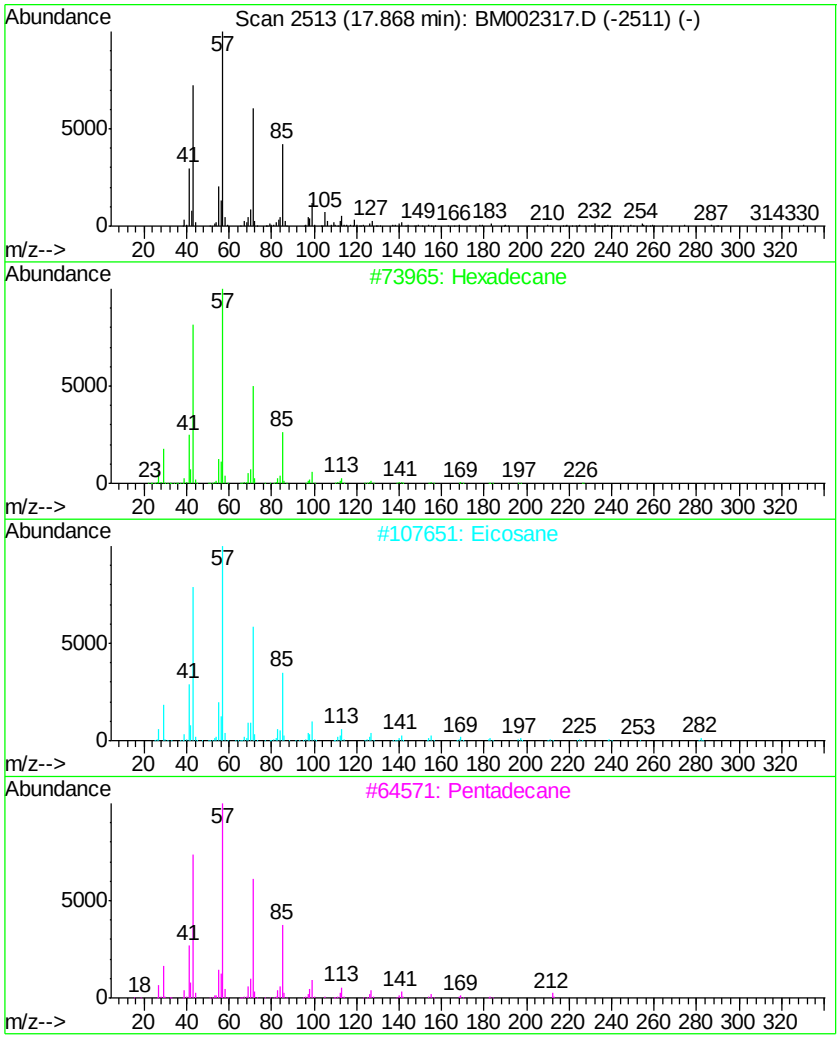
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

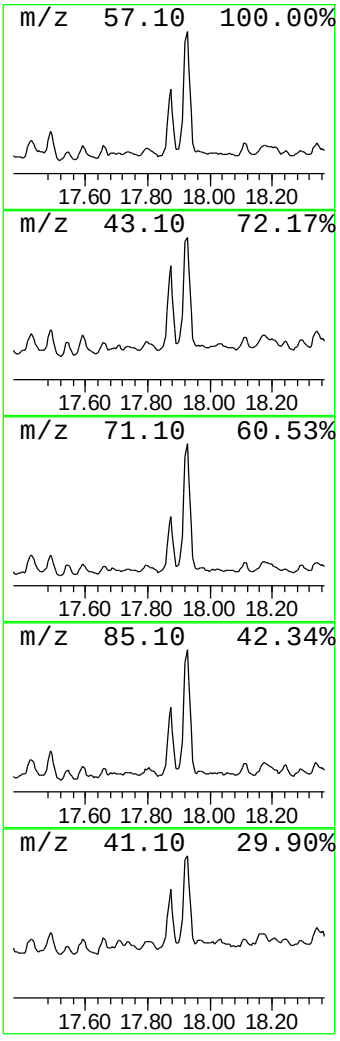
****

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.79 ng/ul	434322	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

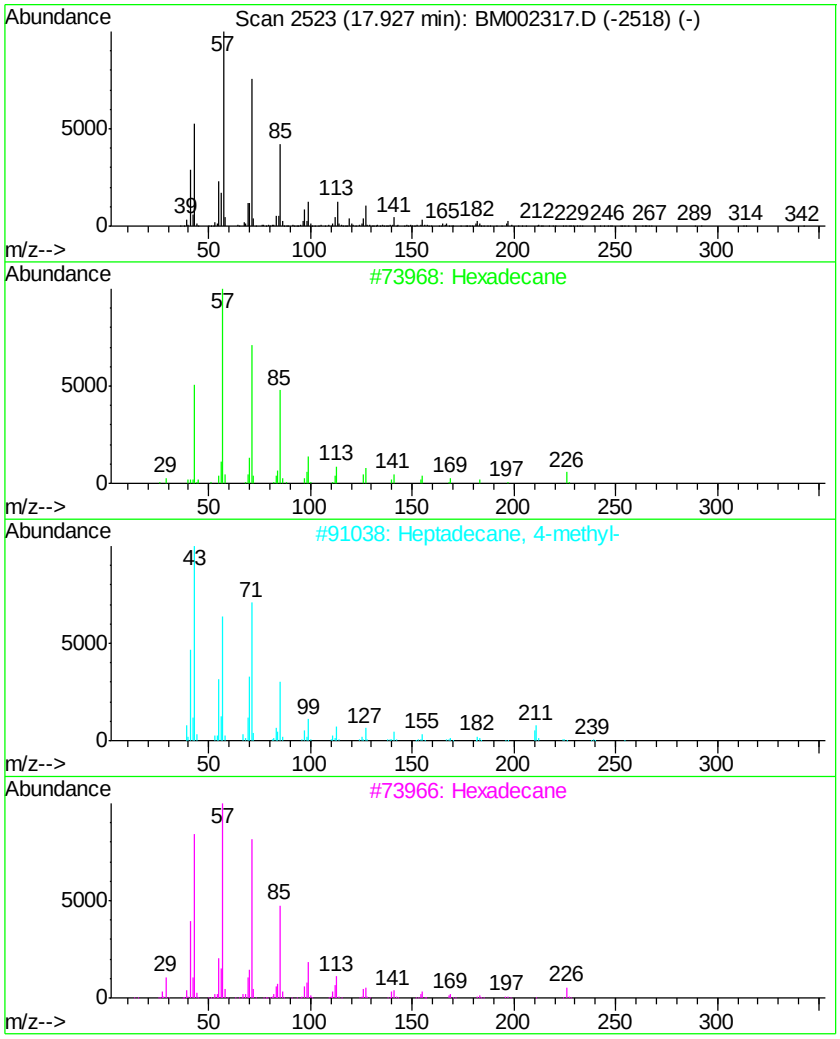
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

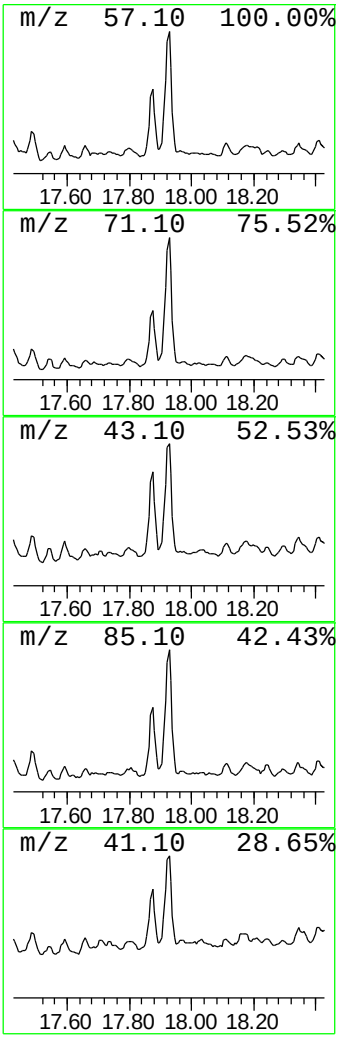
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	10.34 ng/ul	1186590	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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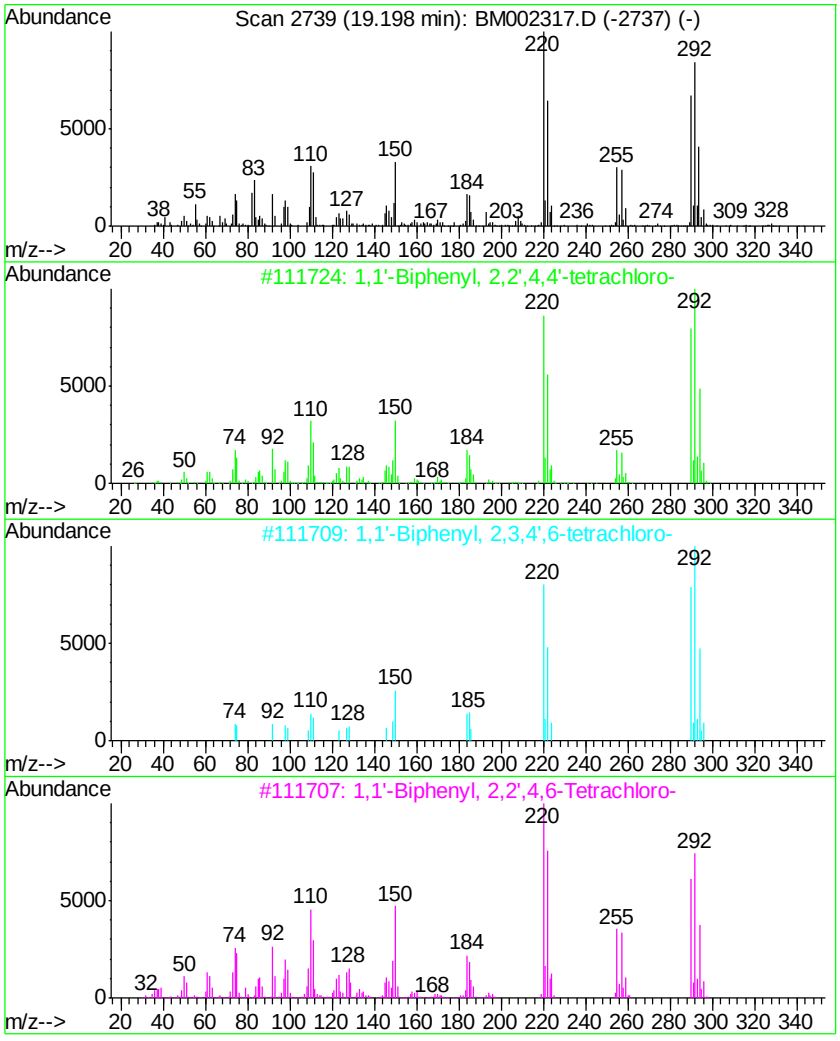
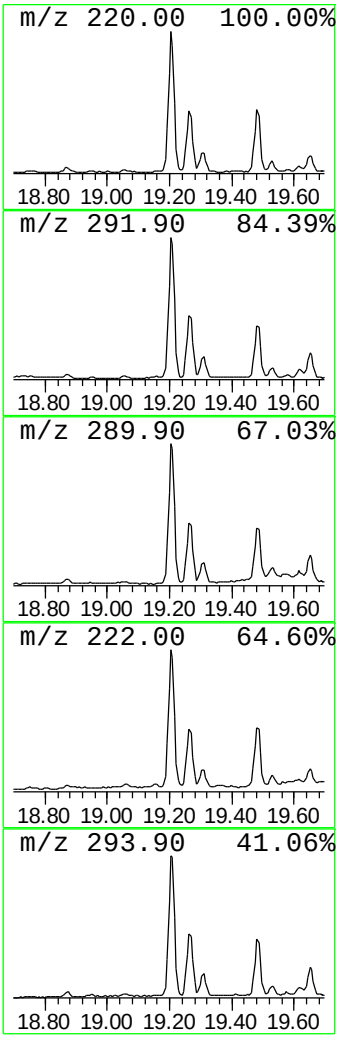
Peak Number 45 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	9.76 ng/ul	1120040	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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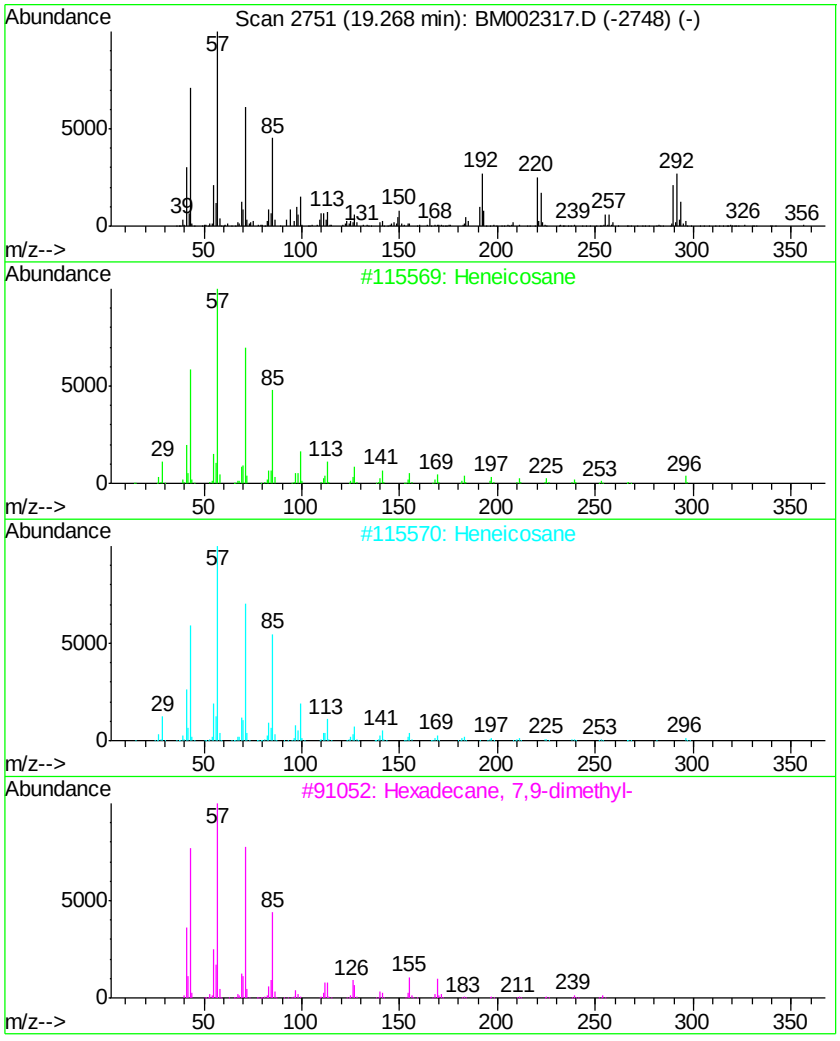
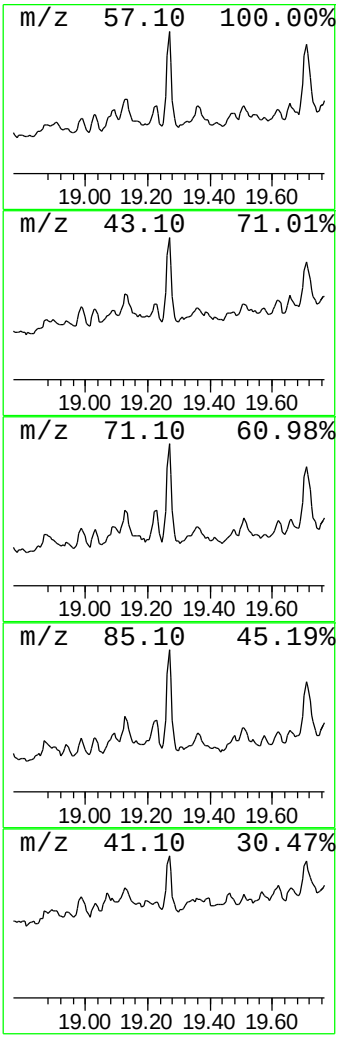
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	7.86 ng/ul	901685	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	59
2	Heneicosane	296	C21H44	000629-94-7	59
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	55
4	Pentadecane	212	C15H32	000629-62-9	38
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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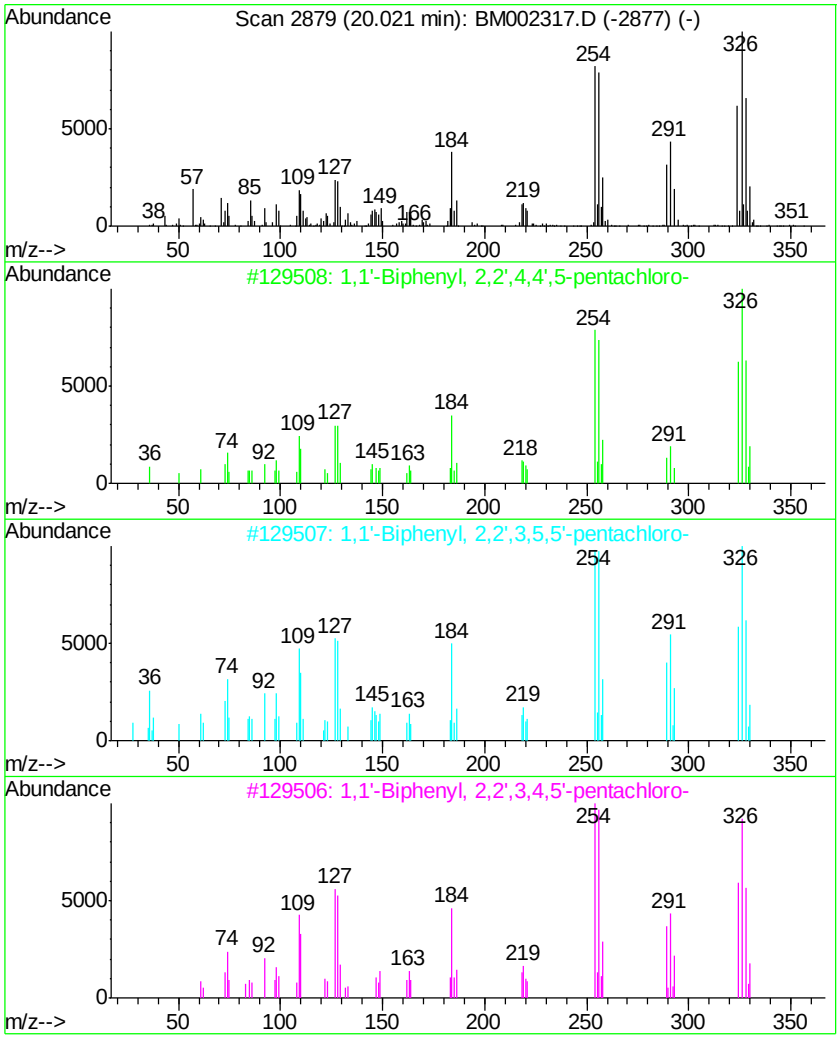
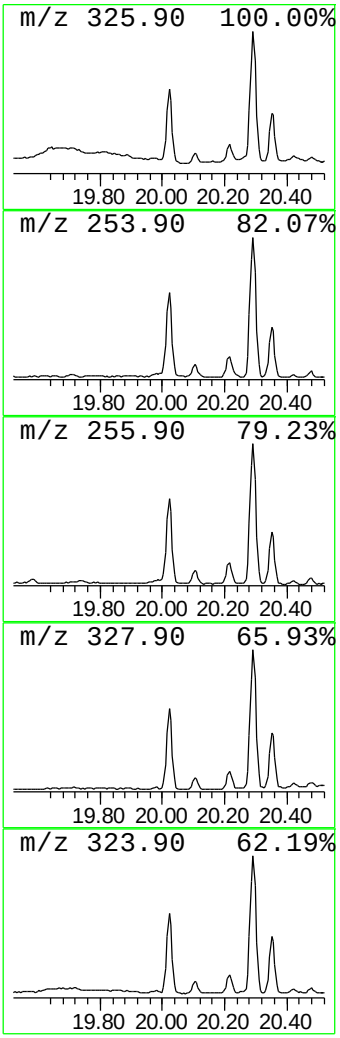
Peak Number 47 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	9.40 ng/ul	1078480	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
4	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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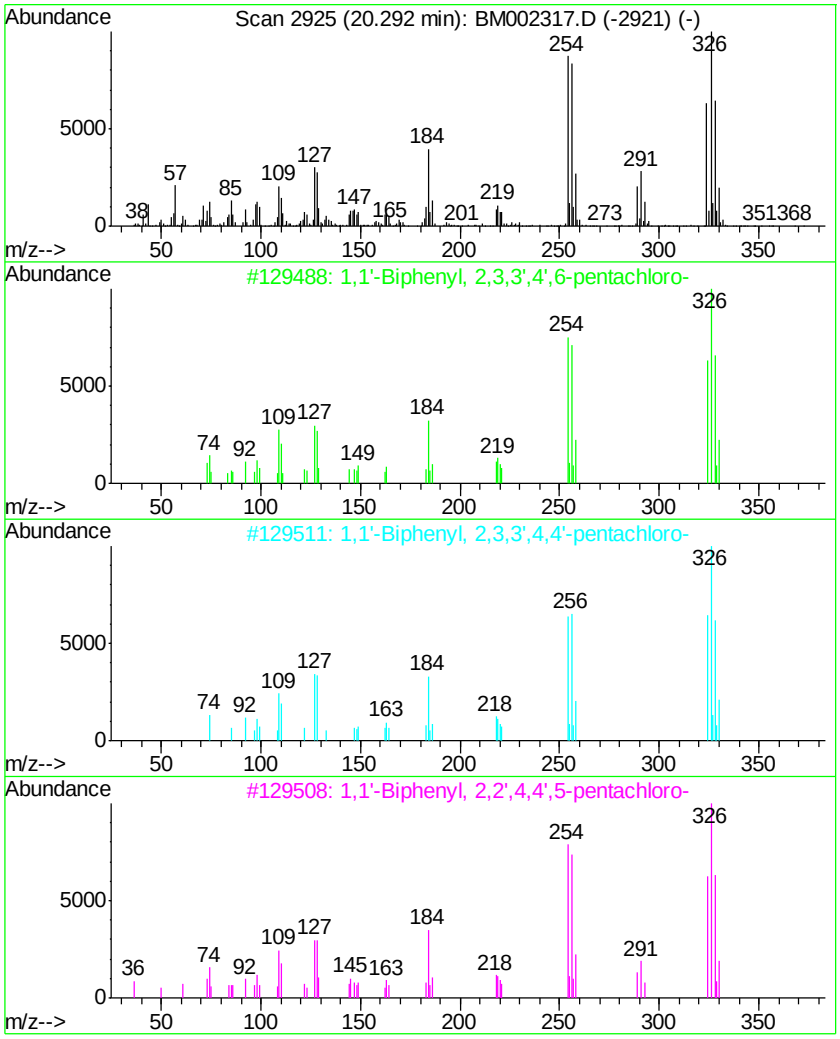
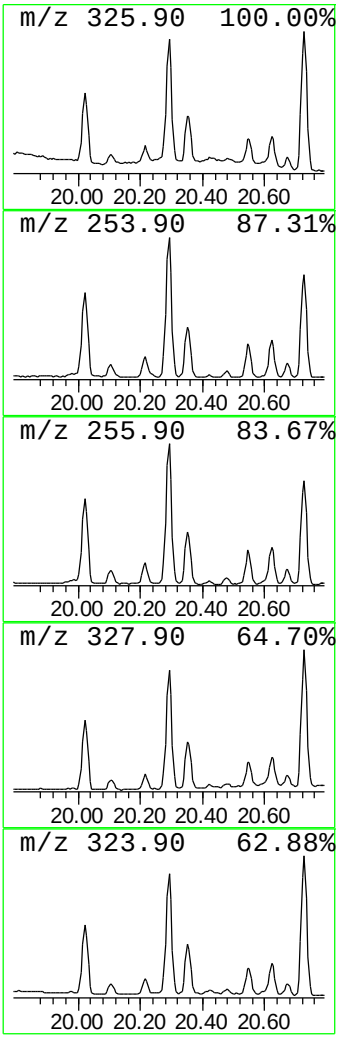
Peak Number 48 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	5.60 ng/ul	1595030	Chrysene-d12	22.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION

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

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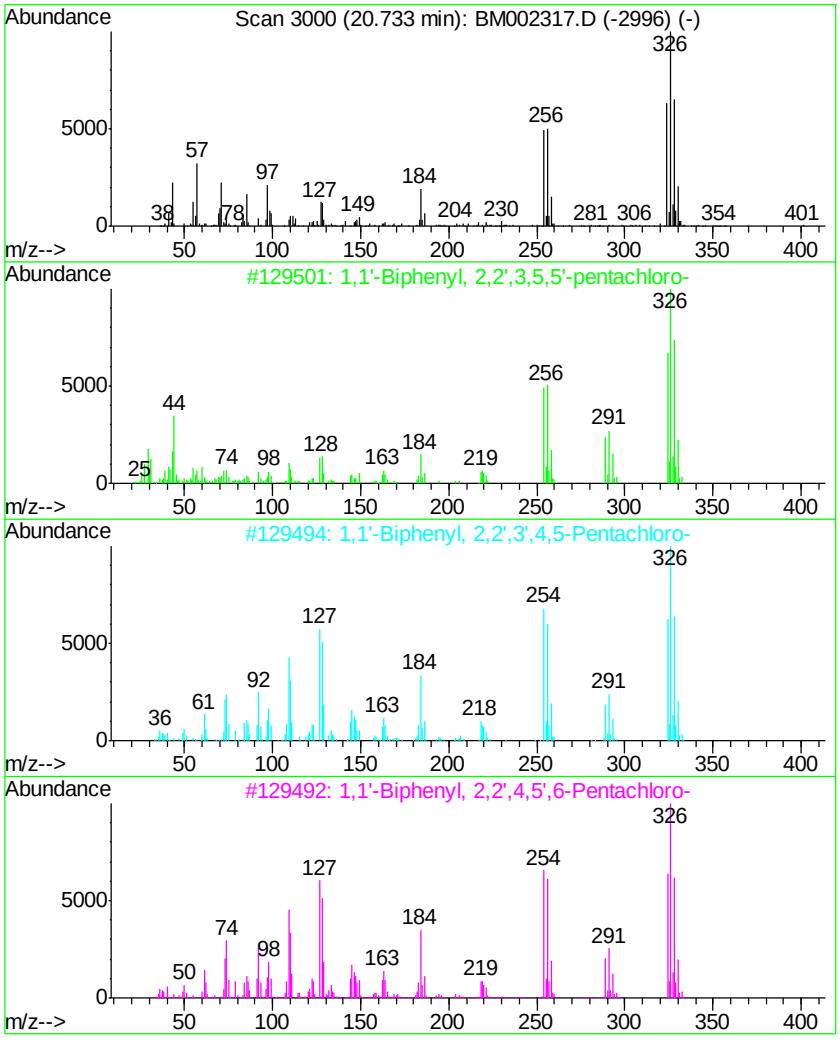
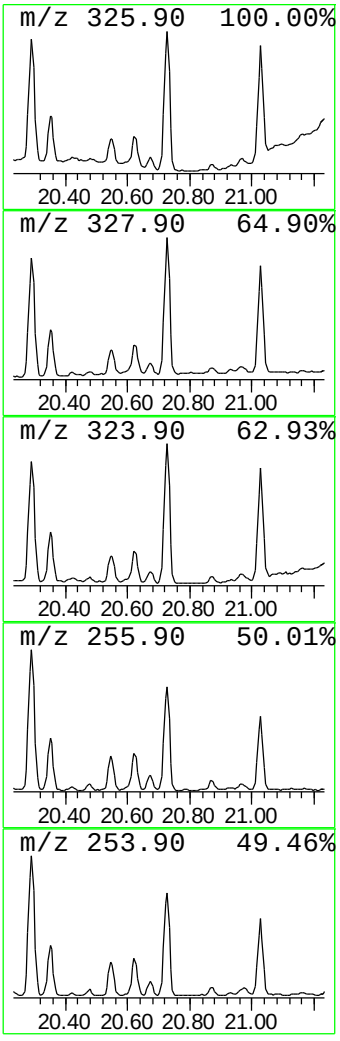
Peak Number 49 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.76 ng/ul	1070720	Chrysene-d12	22.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	98
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
Data File : BM002317.D
Acq On : 10 Aug 2015 17:50
Operator : UM/IZ
Sample : G3065-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02A2DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.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, 1,3-dime...	6.80	5.0	ng/ul	336949	1	8.90	1346520	20.0
Benzene, 1-ethyl-...	7.93	2.4	ng/ul	159064	1	8.90	1346520	20.0
(DEL) Alkane: Str...	8.47	6.0	ng/ul	403538	1	8.90	1346520	20.0
Benzene, 1,2,3-tr...	8.52	5.2	ng/ul	351049	1	8.90	1346520	20.0
(DEL) Alkane: Str...	8.83	3.1	ng/ul	210028	1	8.90	1346520	20.0
Benzene, 1-ethyl-...	9.01	2.9	ng/ul	196894	1	8.90	1346520	20.0
unknown-01	9.39	2.5	ng/ul	164933	1	8.90	1346520	20.0
Benzene, 1-methyl...	9.45	5.2	ng/ul	350995	1	8.90	1346520	20.0
Benzene, 2-ethyl-...	9.53	7.5	ng/ul	502703	1	8.90	1346520	20.0
Naphthalene, deca...	9.76	2.8	ng/ul	188885	1	8.90	1346520	20.0
Benzene, 1-methyl...	9.92	2.6	ng/ul	174914	1	8.90	1346520	20.0
Benzene, 1-methyl...	10.02	5.8	ng/ul	387706	1	8.90	1346520	20.0
unknown-02	10.27	2.1	ng/ul	144029	1	8.90	1346520	20.0
Benzene, 1-ethyl-...	10.36	2.3	ng/ul	249134	2	11.77	2147360	20.0
Benzene, 1,2,3,5-...	10.55	3.2	ng/ul	340881	2	11.77	2147360	20.0
Benzene, 1,2,3,4-...	10.62	2.6	ng/ul	276291	2	11.77	2147360	20.0
trans-Decalin, 2-...	10.67	2.5	ng/ul	273591	2	11.77	2147360	20.0
Phenol, 3-ethyl-	11.15	9.5	ng/ul	1020000	2	11.77	2147360	20.0
Phenol, 2,4-dimet...	11.19	6.7	ng/ul	721173	2	11.77	2147360	20.0
(DEL) Alkane: Str...	11.67	5.9	ng/ul	631269	2	11.77	2147360	20.0
(DEL) Alkane: Cyc...	12.42	5.6	ng/ul	597683	2	11.77	2147360	20.0
(DEL) Alkane: Str...	12.52	3.2	ng/ul	347561	2	11.77	2147360	20.0
(DEL) Alkane: Str...	12.69	5.6	ng/ul	599456	2	11.77	2147360	20.0
(DEL) Alkane: Str...	13.07	6.7	ng/ul	717062	2	11.77	2147360	20.0
(DEL) Alkane: Str...	13.28	2.9	ng/ul	313751	2	11.77	2147360	20.0
(DEL) Alkane: Str...	13.85	2.8	ng/ul	301447	3	15.49	2166660	20.0
(DEL) Alkane: Str...	13.99	6.3	ng/ul	678297	3	15.49	2166660	20.0
(DEL) Alkane: Str...	14.26	9.4	ng/ul	1022800	3	15.49	2166660	20.0
Naphthalene, 1,5-...	14.65	3.1	ng/ul	331019	3	15.49	2166660	20.0
Naphthalene, 2,3-...	14.81	3.0	ng/ul	319931	3	15.49	2166660	20.0
(DEL) Alkane: Str...	15.02	3.6	ng/ul	390953	3	15.49	2166660	20.0
(DEL) Alkane: Str...	15.31	9.7	ng/ul	1054810	3	15.49	2166660	20.0
unknown-03	15.39	2.3	ng/ul	246962	3	15.49	2166660	20.0
(DEL) Alkane: Str...	15.80	2.4	ng/ul	257611	3	15.49	2166660	20.0
Azulene, 4,6,8-tr...	16.07	4.0	ng/ul	429205	3	15.49	2166660	20.0
Naphthalene, 2,3,...	16.13	4.0	ng/ul	429697	3	15.49	2166660	20.0
(DEL) Alkane: Str...	16.24	8.4	ng/ul	909875	3	15.49	2166660	20.0
(DEL) Alkane: Str...	16.64	11.2	ng/ul	1215020	3	15.49	2166660	20.0
(DEL) Alkane: Cyc...	16.86	2.7	ng/ul	306369	4	18.20	2294780	20.0
(DEL) Alkane: Str...	17.12	23.6	ng/ul	2711320	4	18.20	2294780	20.0
(DEL) Alkane: Str...	17.87	3.8	ng/ul	434322	4	18.20	2294780	20.0
(DEL) Alkane: Str...	17.93	10.3	ng/ul	1186590	4	18.20	2294780	20.0
1,1'-Biphenyl, 2,...	19.20	9.8	ng/ul	1120040	4	18.20	2294780	20.0
(DEL) Alkane: Str...	19.27	7.9	ng/ul	901685	4	18.20	2294780	20.0
1,1'-Biphenyl, 2,...	20.02	9.4	ng/ul	1078480	4	18.20	2294780	20.0
1,1'-Biphenyl, 2,...	20.29	5.6	ng/ul	1595030	5	22.29	5694350	20.0
1,1'-Biphenyl, 2,...	20.73	3.8	ng/ul	1070720	5	22.29	5694350	20.0