LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022325.D
Acq On : 26 Aug 2019 11:39
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	5.087	349	357	366	rBV	570577	841649	0.70%	0.173%
2	5.216	371	379	389	rBV	376847	797744	0.66%	0.164%
3	7.181	708	713	722	rVV	362168	583467	0.48%	0.120%
4	7.269	722	728	736	rVB	358660	562791	0.47%	0.116%
5	7.916	828	838	846	rBV	7294591	10141241	8.38%	2.088%
6	8.004	846	853	859	rVV3	958607	1555768	1.29%	0.320%
7	8.069	859	864	875	rVB	355368	569673	0.47%	0.117%
8	8.975	1009	1018	1021	rVV	789314	1420315	1.17%	0.292%
9	9.010	1021	1024	1030	rVV	402061	703317	0.58%	0.145%
10	9.551	1104	1116	1129	rVB2	1949489	5860870	4.84%	1.207%
11	9.716	1137	1144	1153	rVV3	407962	1124952	0.93%	0.232%
12	9.810	1153	1160	1165	rVV3	333719	1000547	0.83%	0.206%
13	9.886	1165	1173	1179	rVV	2695589	5104024	4.22%	1.051%
14	9.986	1179	1190	1192	rVV3	254531	720114	0.60%	0.148%
15	10.022	1192	1196	1207	rVB3	547881	1159408	0.96%	0.239%
16	10.251	1224	1235	1245	rBV2	1737852	4390185	3.63%	0.904%
17	10.463	1245	1271	1275	rVV2	27544067	121017954	100.00%	24.912%
18	10.492	1275	1276	1279	rVV	1412803	1291734	1.07%	0.266%
19	10.533	1279	1283	1289	rVB	3968398	5456295	4.51%	1.123%
20	10.698	1303	1311	1316	rBV	395379	757241	0.63%	0.156%
21	10.880	1332	1342	1346	rBV	914525	1601362	1.32%	0.330%
22	11.186	1382	1394	1403	rBV2	1435239	2844514	2.35%	0.586%
23	11.375	1418	1426	1430	rBV	543626	1083021	0.89%	0.223%
24	11.427	1430	1435	1440	rVV2	919898	1685363	1.39%	0.347%
25	11.775	1486	1494	1501	rBV2	1625195	3220661	2.66%	0.663%
26	11.886	1506	1513	1522	rVV4	422962	1229393	1.02%	0.253%
27	12.010	1527	1534	1539	rVV	5028352	7307102	6.04%	1.504%
28	12.127	1547	1554	1562	rVV2	842385	1713595	1.42%	0.353%
29	12.251	1562	1575	1581	rVV	14141942	23753356	19.63%	4.890%
30	12.351	1589	1592	1596	rVV2	325733	531998	0.44%	0.110%
31	12.422	1596	1604	1614	rVV3	943415	2551986	2.11%	0.525%
32	12.621	1631	1638	1644	rVV4	467558	1236839	1.02%	0.255%
33	12.680	1644	1648	1652	rVV	372180	667569	0.55%	0.137%
34	13.033	1698	1708	1719	rVB2	2680603	5443464	4.50%	1.121%

LSC Area Percent Report

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Acq On : 26 Aug 2019 11:39
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

35	13.221	1734	1740	1743	rBV	448557	718216	0.59%	0.148%
36	13.251	1743	1745	1753	rVB2	346972	576686	0.48%	0.119%
37	13.357	1753	1763	1770	rBV3	1186757	3009808	2.49%	0.620%
38	13.521	1781	1791	1796	rBV2	1277684	3069424	2.54%	0.632%
39	13.574	1796	1800	1810	rVB	944742	1522344	1.26%	0.313%
40	13.663	1810	1815	1820	rVB	517685	758584	0.63%	0.156%
41	13.721	1820	1825	1828	rBV2	611248	926052	0.77%	0.191%
42	13.763	1828	1832	1840	rVB2	489334	942907	0.78%	0.194%
43	13.898	1847	1855	1858	rBV	742671	1353278	1.12%	0.279%
44	13.968	1864	1867	1872	rVB2	338928	554685	0.46%	0.114%
45	14.092	1880	1888	1892	rBV2	467911	862997	0.71%	0.178%
46	14.204	1898	1907	1913	rBV5	734895	1775826	1.47%	0.366%
47	14.310	1913	1925	1928	rVV	22984268	42510953	35.13%	8.751%
48	14.386	1928	1938	1942	rVV	2376955	3716779	3.07%	0.765%
49	14.445	1942	1948	1954	rVV	5421414	8241686	6.81%	1.697%
50	14.510	1954	1959	1968	rVB3	1944811	4214144	3.48%	0.868%
51	14.639	1972	1981	1989	rBV	12707465	18634338	15.40%	3.836%
52	14.774	1999	2004	2007	rBV	655802	1046838	0.87%	0.215%
53	14.863	2007	2019	2024	rVB	1023606	3381871	2.79%	0.696%
54	14.915	2024	2028	2032	rBV3	281936	517453	0.43%	0.107%
55	15.010	2041	2044	2053	rVB4	324306	633969	0.52%	0.131%
56	15.098	2054	2059	2066	rVB4	327978	603107	0.50%	0.124%
57	15.215	2074	2079	2083	rBV	891094	1611620	1.33%	0.332%
58	15.286	2083	2091	2100	rVV	14009345	22406735	18.52%	4.613%
59	15.398	2106	2110	2112	rVV3	699560	1090923	0.90%	0.225%
60	15.433	2112	2116	2123	rVV2	1978915	4195591	3.47%	0.864%
61	15.539	2123	2134	2142	rVV4	1159508	3750779	3.10%	0.772%
62	15.686	2153	2159	2161	rBV	703960	1138951	0.94%	0.234%
63	15.727	2162	2166	2170	rVV3	926777	1567810	1.30%	0.323%
64	15.792	2170	2177	2182	rVB5	260193	767323	0.63%	0.158%
65	15.986	2203	2210	2213	rBV	1500990	2530531	2.09%	0.521%
66	16.115	2214	2232	2238	rVV3	3500971	12640411	10.45%	2.602%
67	16.192	2239	2245	2247	rBV2	1519252	2529984	2.09%	0.521%
68	16.274	2253	2259	2261	rBV3	2867650	4977229	4.11%	1.025%
69	16.398	2270	2280	2283	rVB4	892637	2022313	1.67%	0.416%
70	16.645	2317	2322	2331	rVB4	505473	792681	0.66%	0.163%
71	16.786	2335	2346	2351	rBV	1308978	2947988	2.44%	0.607%

LSC Area Percent Report

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Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

72	16.857	2351	2358	2361	rVB2	904682	1435583	1.19%	0.296%
73	16.927	2361	2370	2372	rBV5	821347	1770961	1.46%	0.365%
74	16.968	2372	2377	2382	rVB3	1100287	1911177	1.58%	0.393%
75	17.039	2382	2389	2392	rBV	15653964	21572360	17.83%	4.441%
76	17.074	2392	2395	2399	rVB3	2063122	2742842	2.27%	0.565%
77	17.115	2399	2402	2405	rBV	577974	749195	0.62%	0.154%
78	17.427	2442	2455	2459	rBV	13038561	22341232	18.46%	4.599%
79	17.521	2466	2471	2477	rBV	1280455	2052739	1.70%	0.423%
80	17.592	2477	2483	2488	rVV	1492258	2946697	2.43%	0.607%
81	17.686	2490	2499	2506	rVV3	1289841	4000853	3.31%	0.824%
82	17.756	2506	2511	2520	rVB5	662411	1705198	1.41%	0.351%
83	17.851	2522	2527	2531	rBV	965828	1383477	1.14%	0.285%
84	17.921	2531	2539	2544	rVV4	1400632	2803399	2.32%	0.577%
85	18.027	2549	2557	2570	rVB2	2201088	6769026	5.59%	1.393%
86	18.174	2576	2582	2587	rBV2	1908693	2973021	2.46%	0.612%
87	18.221	2587	2590	2595	rVB2	513047	684049	0.57%	0.141%
88	18.456	2625	2630	2637	rVB6	674854	1153887	0.95%	0.238%
89	18.880	2695	2702	2706	rBV	1922089	2843313	2.35%	0.585%
90	19.056	2723	2732	2736	rBV2	1303586	2256655	1.86%	0.465%
91	19.386	2783	2788	2791	rVV	1179674	1703476	1.41%	0.351%
92	19.415	2791	2793	2798	rVB	841155	951203	0.79%	0.196%
93	19.480	2799	2804	2811	rVB3	309072	575551	0.48%	0.118%
94	19.803	2854	2859	2867	rVB2	731871	1520582	1.26%	0.313%
95	19.980	2880	2889	2898	rBV	1857048	4665955	3.86%	0.961%
96	20.603	2983	2995	3000	rBV	2304980	4201114	3.47%	0.865%
97	20.874	3037	3041	3056	rVB5	374119	787177	0.65%	0.162%
98	21.186	3090	3094	3099	rVB2	537100	705333	0.58%	0.145%
99	21.733	3182	3187	3197	rVB	730106	1065760	0.88%	0.219%
100	23.244	3440	3444	3456	rVB	588918	1030406	0.85%	0.212%

Sum of corrected areas: 485774547

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022325.D
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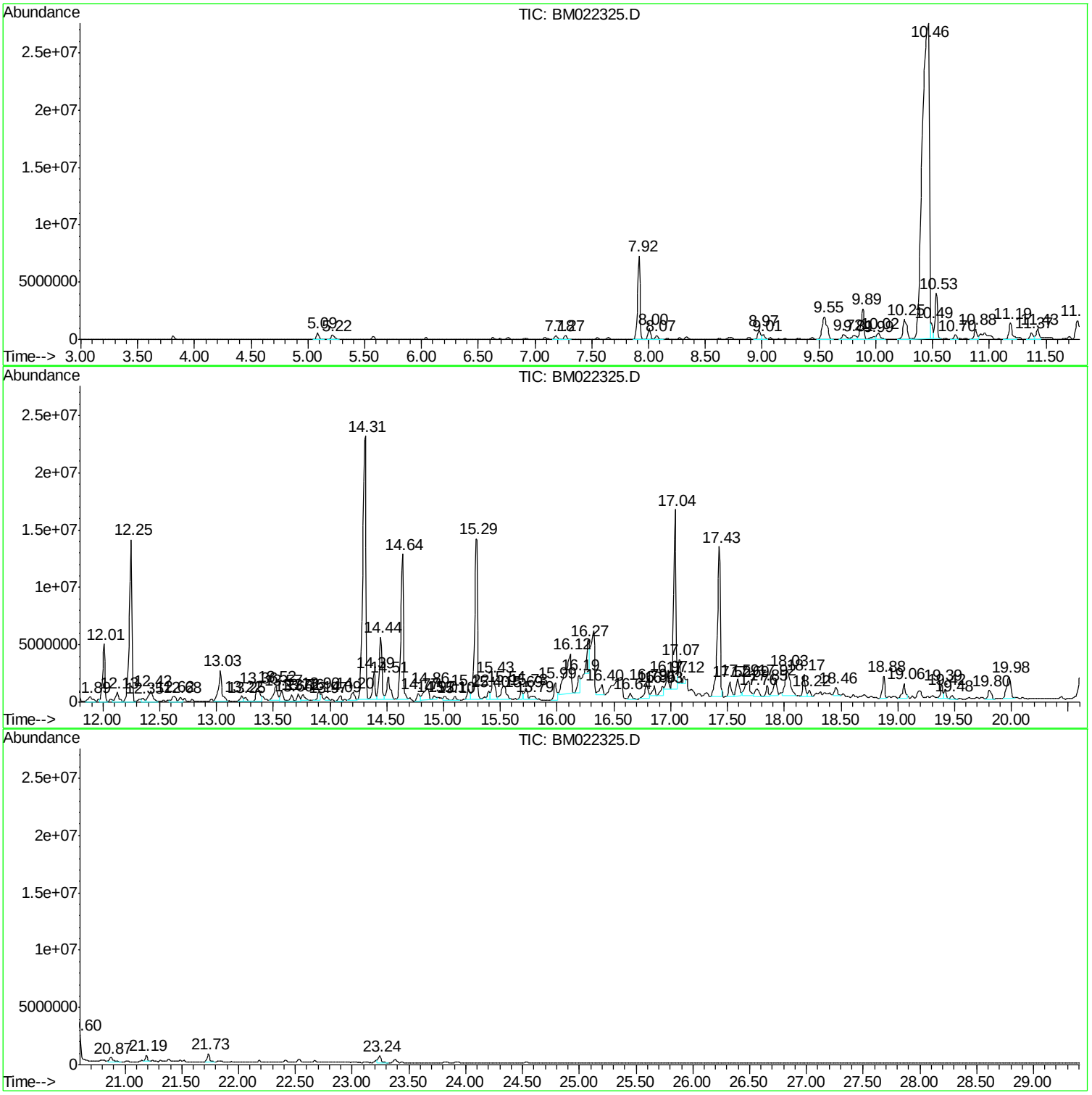
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022325.D
Acq On : 26 Aug 2019 11:39
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

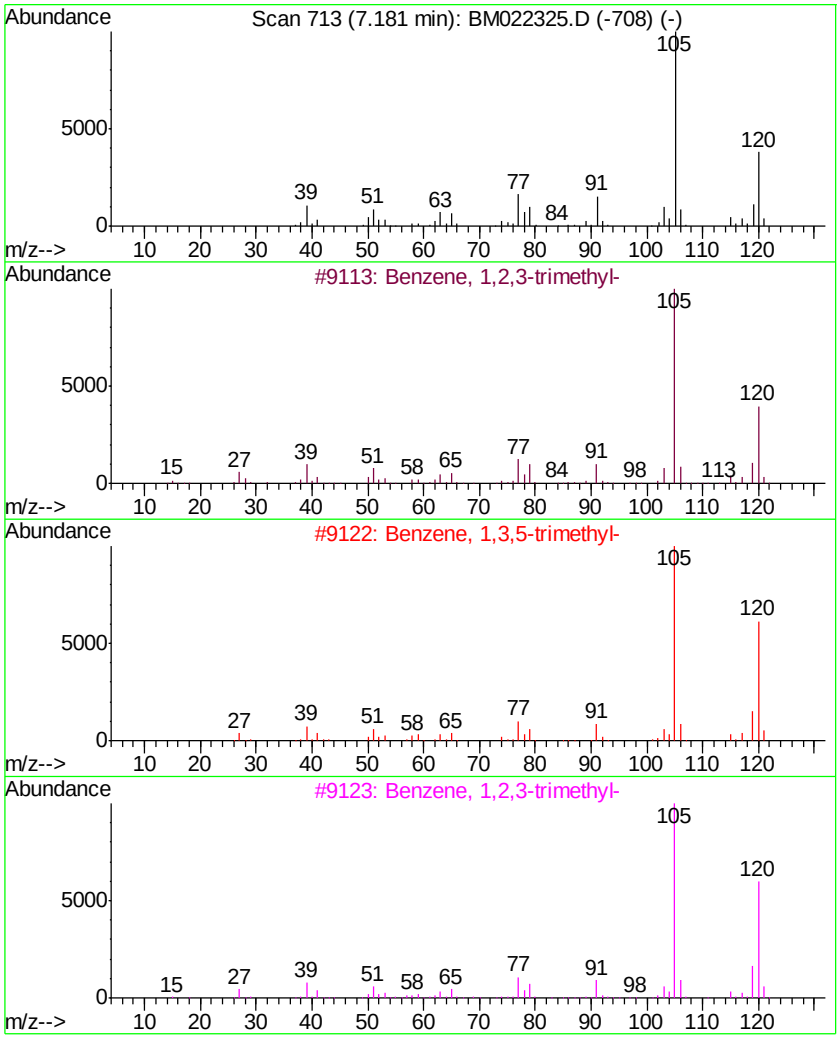
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

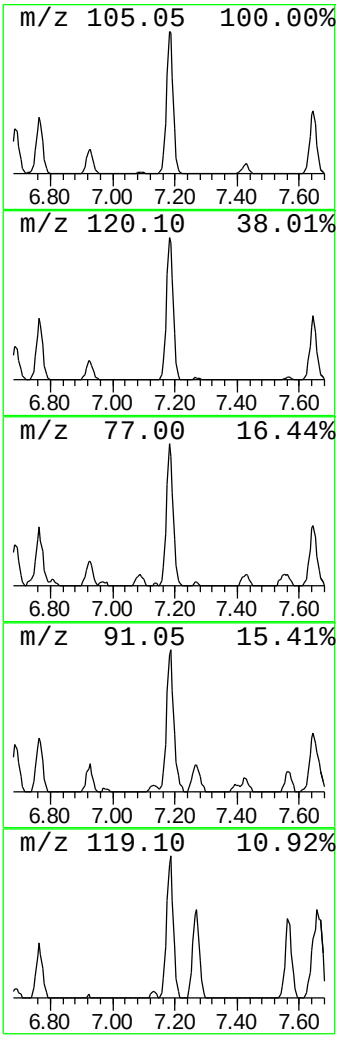
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	20.73 ng/ul	583467	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022325.D
Acq On : 26 Aug 2019 11:39
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

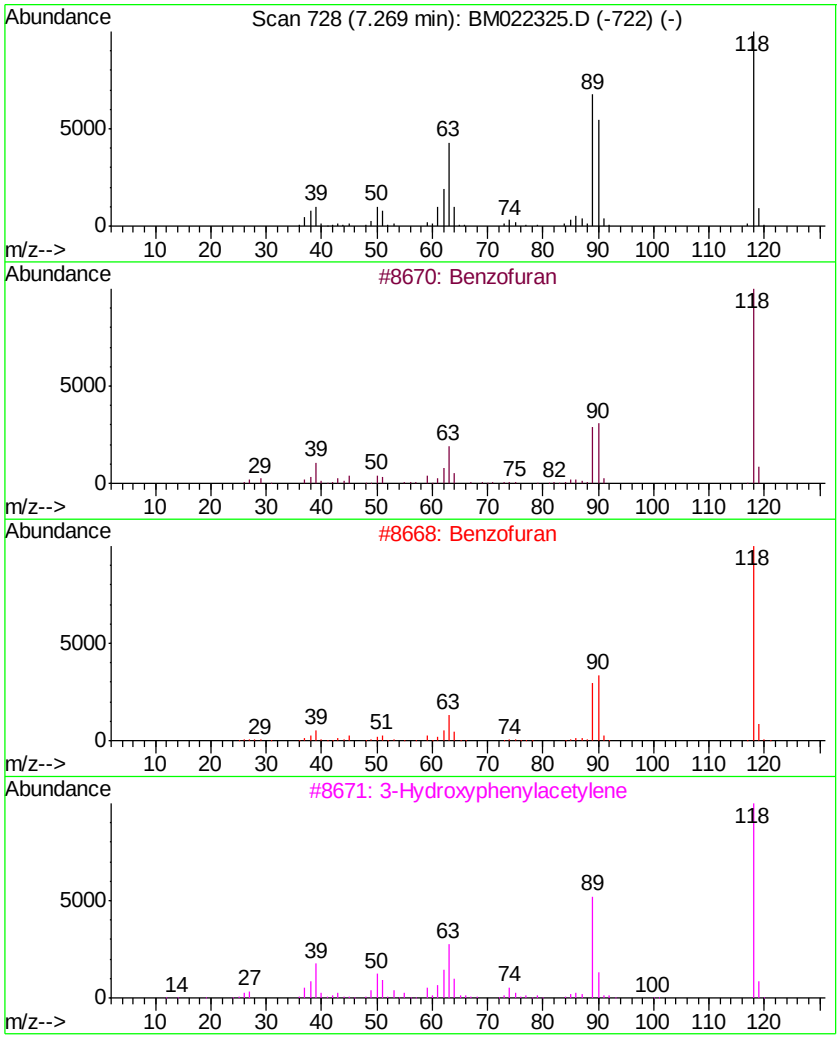
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

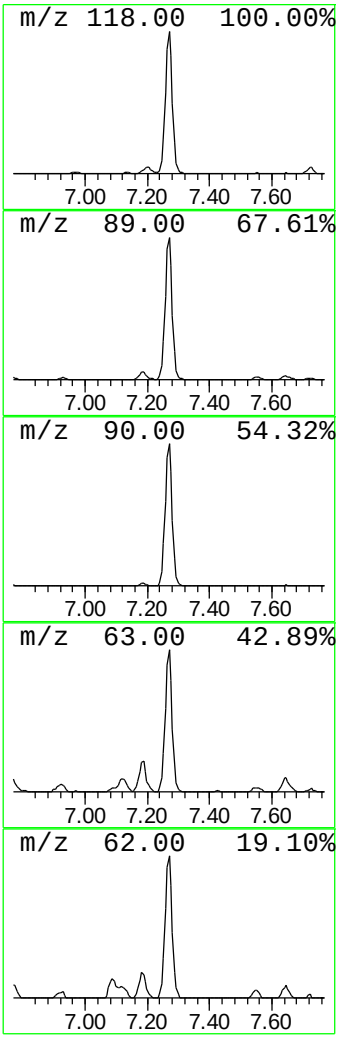
****

Peak Number 4 Benzofuran Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	20.00 ng/ul	562791	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	78
4	1,3,5-Norcaratriene	90	C7H6	004646-69-9	47
5	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	22





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Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

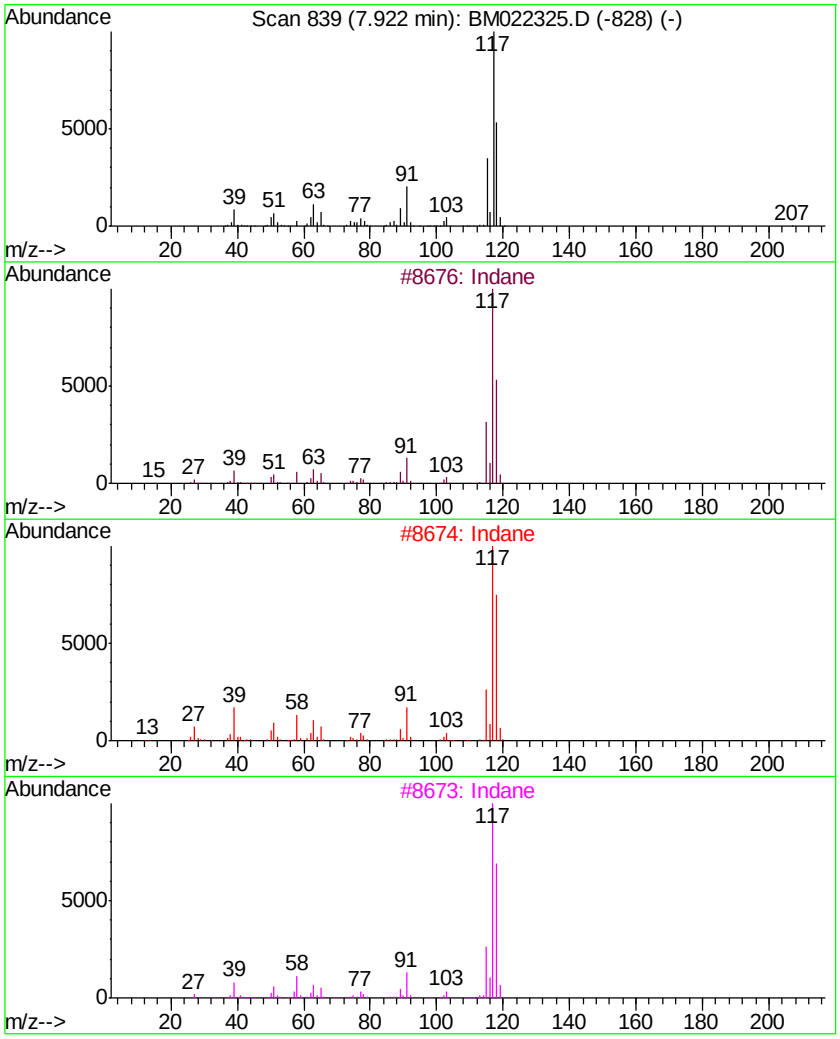
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

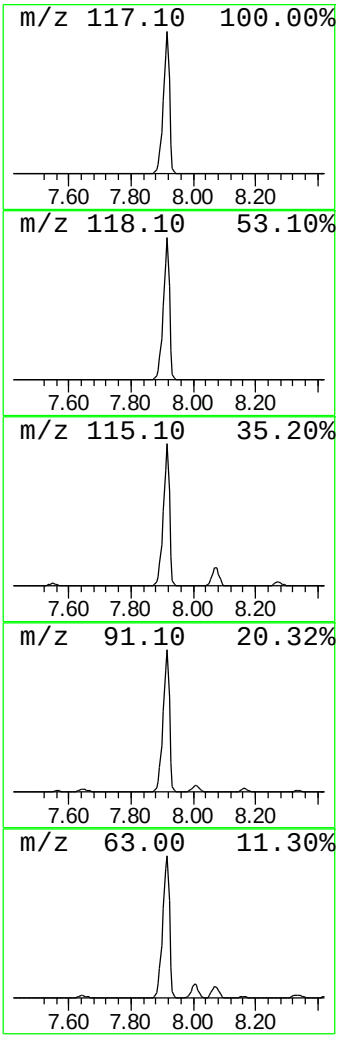
****

Peak Number 5 Benzene, cyclopropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	360.39 ng/ul	10141200	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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Data File : BM022325.D
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Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

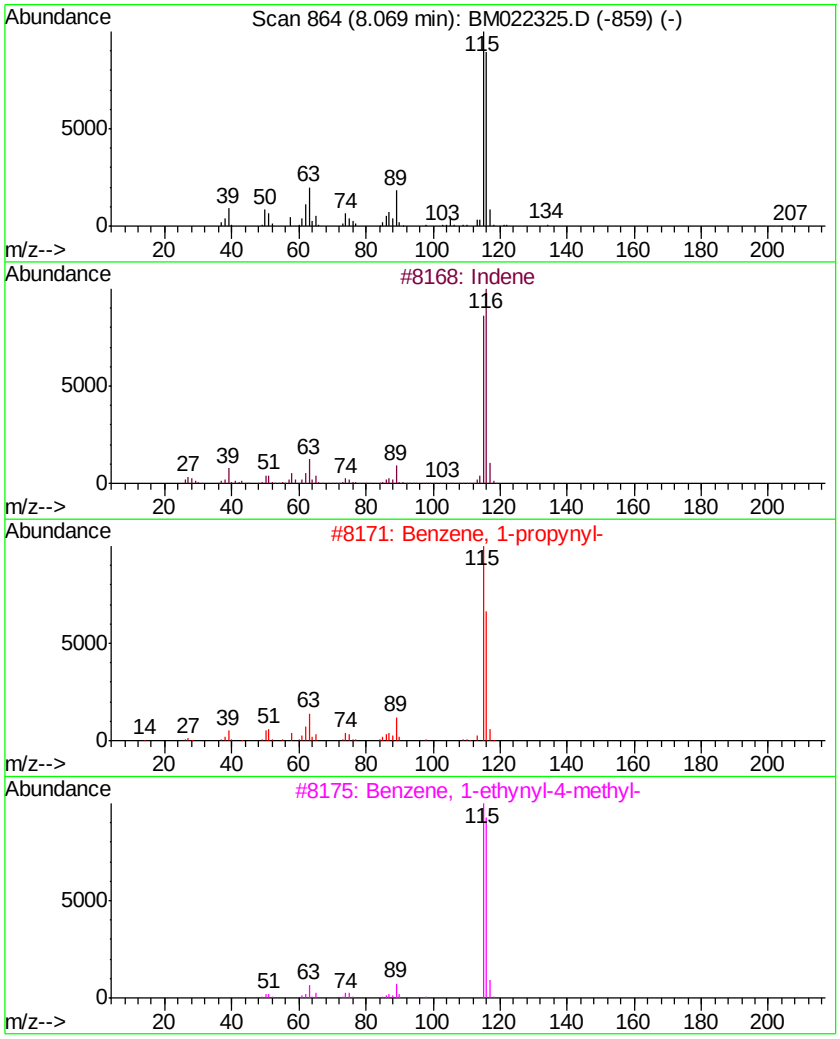
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

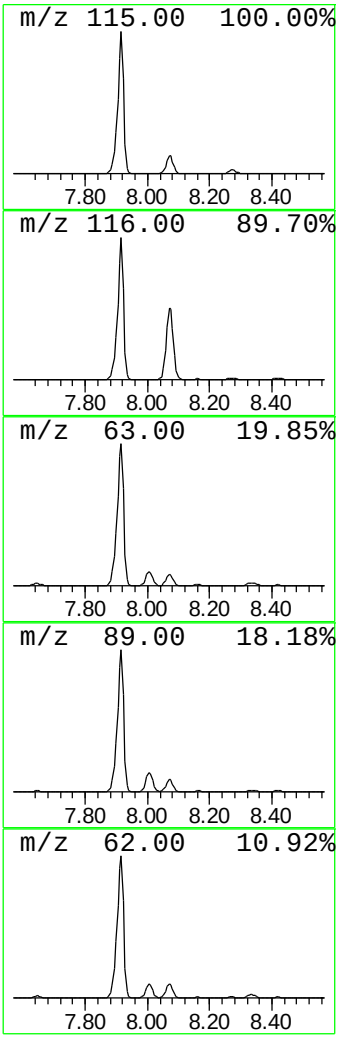
****

Peak Number 6 Indene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	20.24 ng/ul	569673	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Library Search Compound Report

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Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

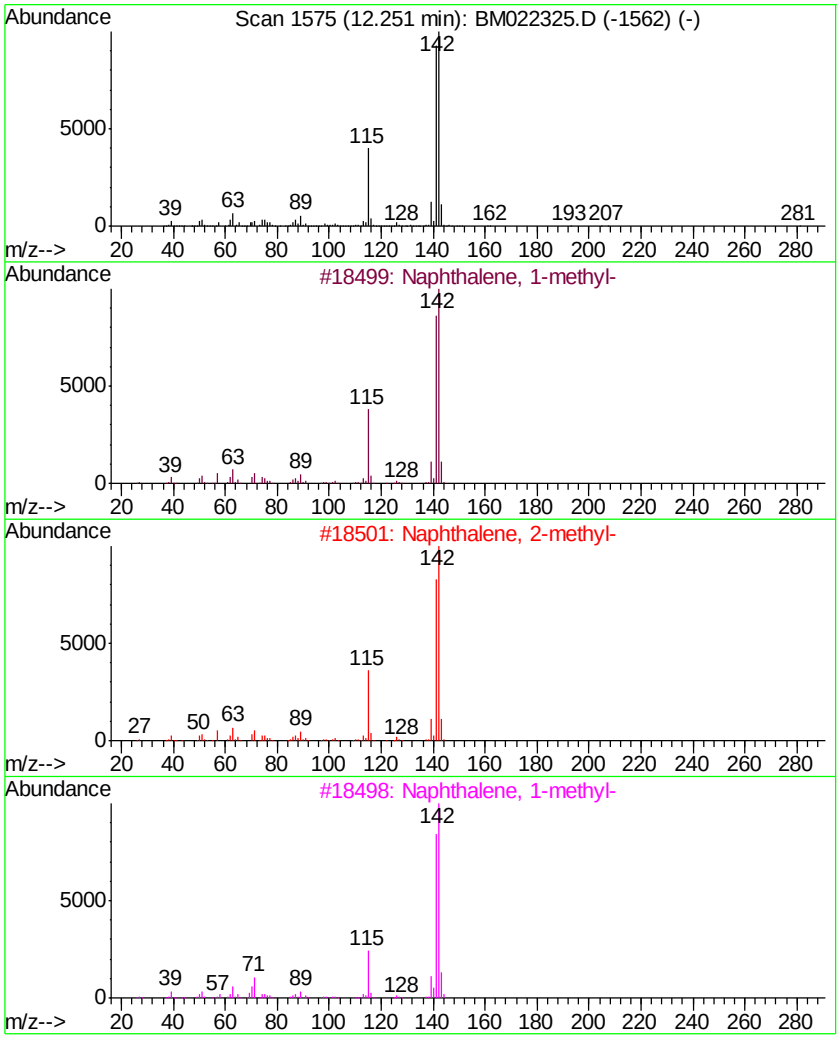
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

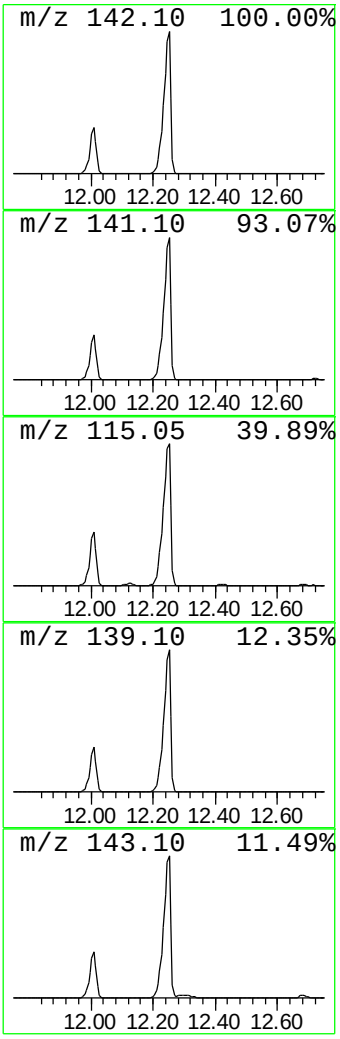
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.93 ng/ul	23753400	Naphthalene-d8	10.36

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





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Acq On : 26 Aug 2019 11:39
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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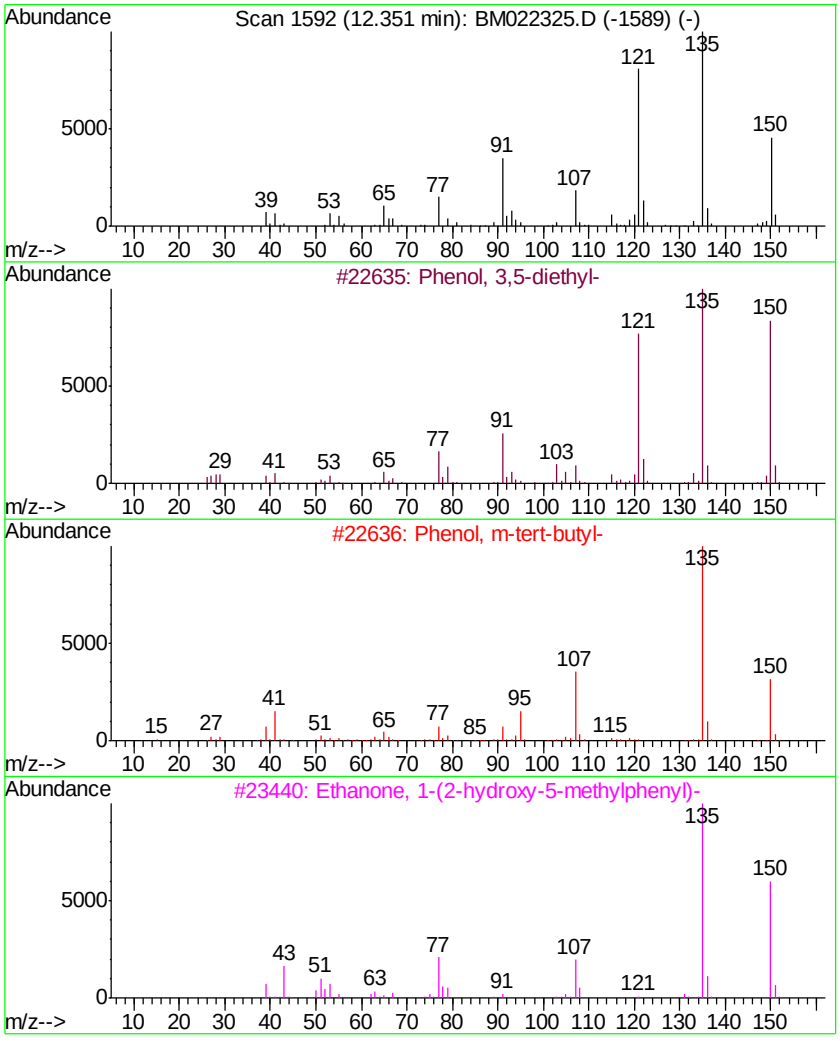
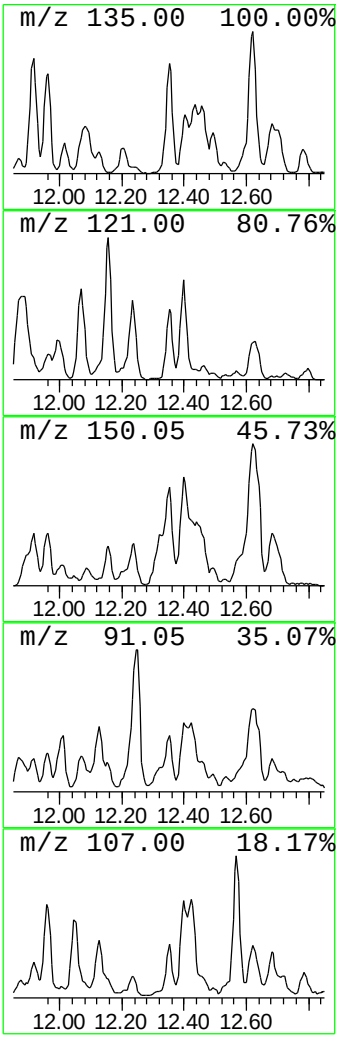
Peak Number 8 Phenol, 3,5-diethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.99 ng/ul	531998	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	91
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	53
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
5	3,4-Diethylphenol	150	C10H14O	000875-85-4	52





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Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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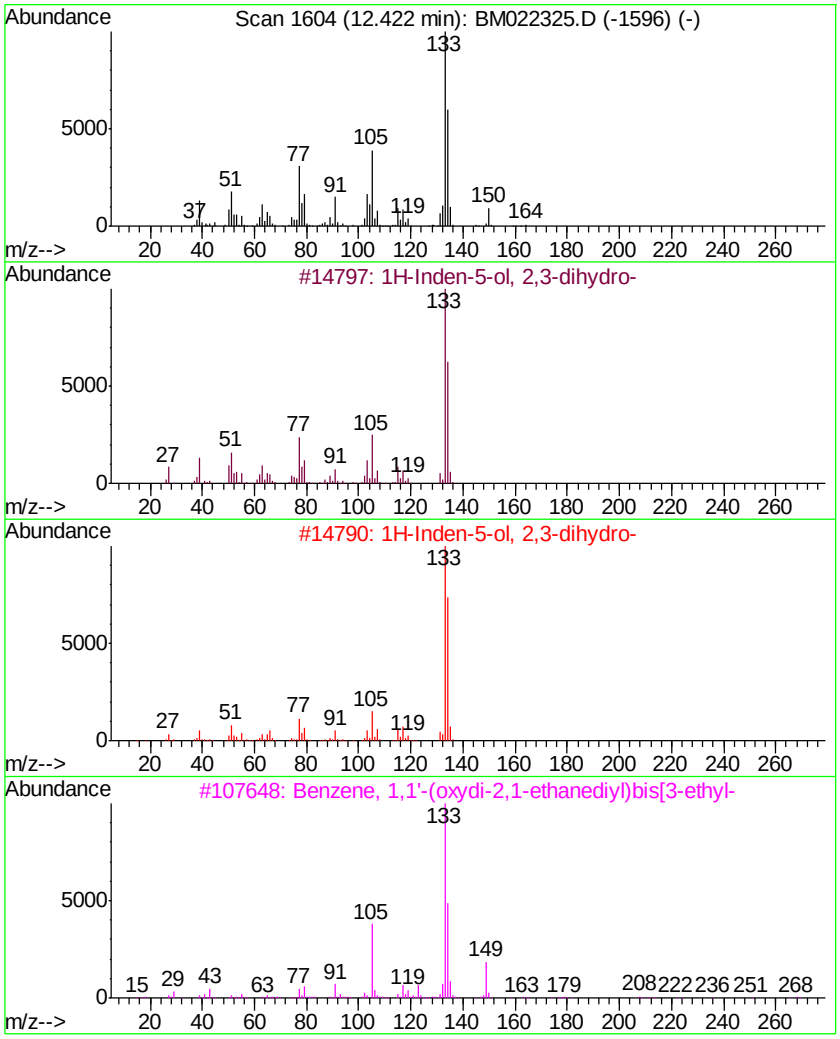
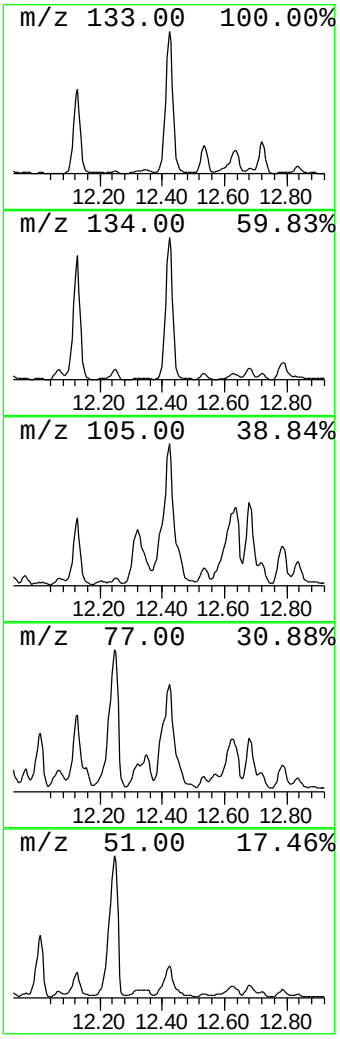
Peak Number 9 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	28.74 ng/ul	2551990	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	96
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	76
3	Benzene, 1,1'-(oxydi-2,1-ethaned...	282	C20H26O	055044-09-2	59
4	Pyrazine, 2-methyl-5-(1-propenyl...	134	C8H10N2	018217-82-8	53
5	1,4-Benzenedicarboxaldehyde	134	C8H6O2	000623-27-8	50





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Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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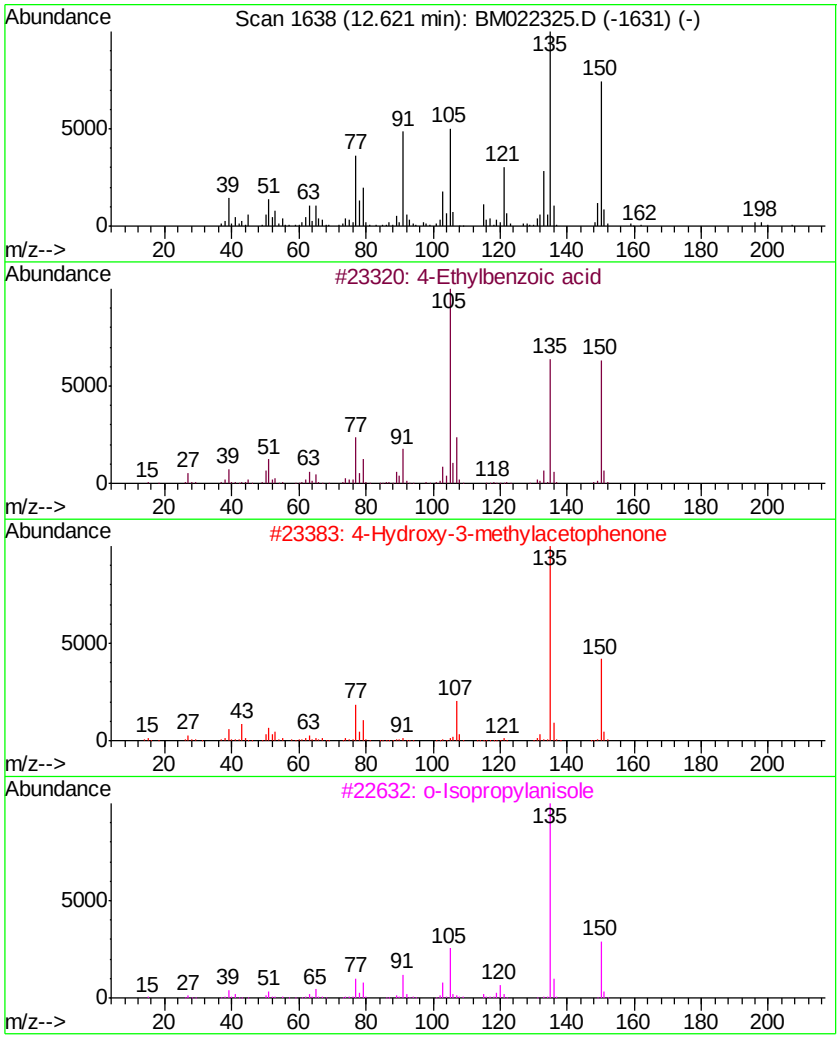
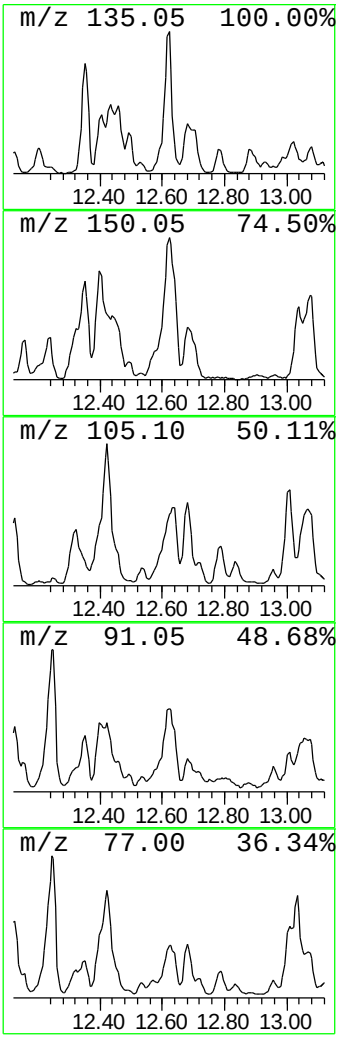
Peak Number 10 4-Ethylbenzoic acid Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	13.93 ng/ul	1236840	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid	150	C9H10O2	000619-64-7	80
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	72
3	o-Isopropylanisole	150	C10H14O	002944-47-0	70
4	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	70
5	Phenol, 2,3,4,6-tetramethyl-	150	C10H14O	003238-38-8	68





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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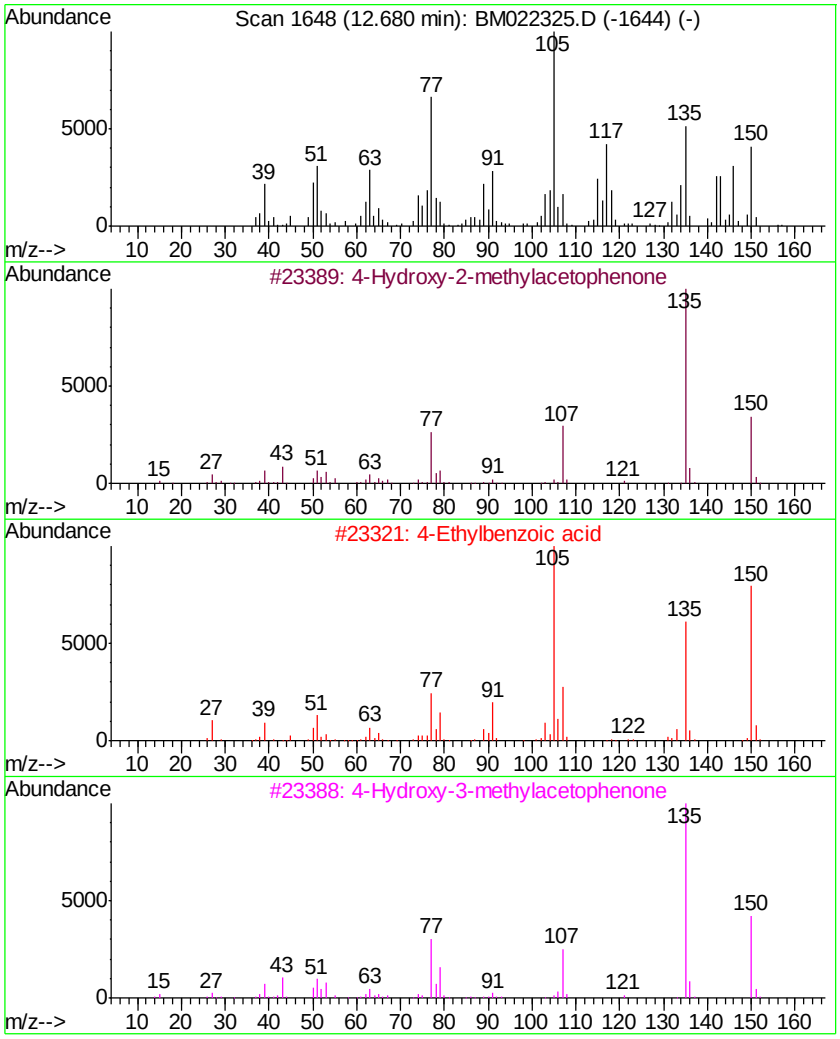
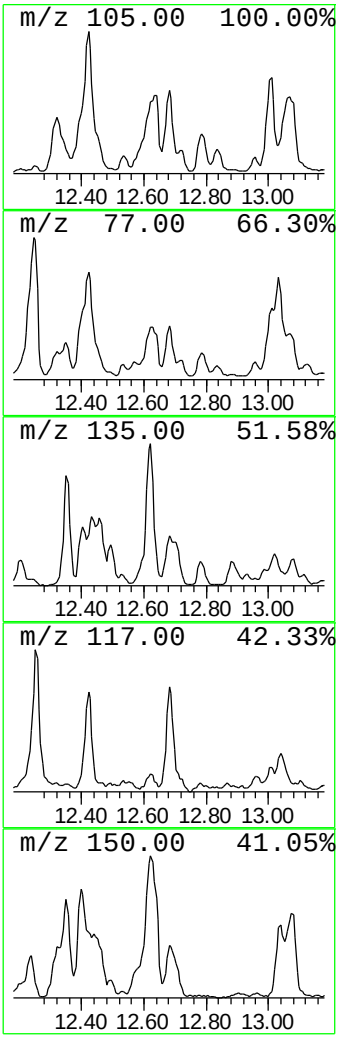
Peak Number 11 unknown-01 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	7.52 ng/ul	667569	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	38
2	4-Ethylbenzoic acid	150	C9H10O2	000619-64-7	30
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	27
4	1-(4-Hydroxymethylphenyl)ethanone	150	C9H10O2	075633-63-5	27
5	ortho-Methoxyacetophenone	150	C9H10O2	000579-74-8	27





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ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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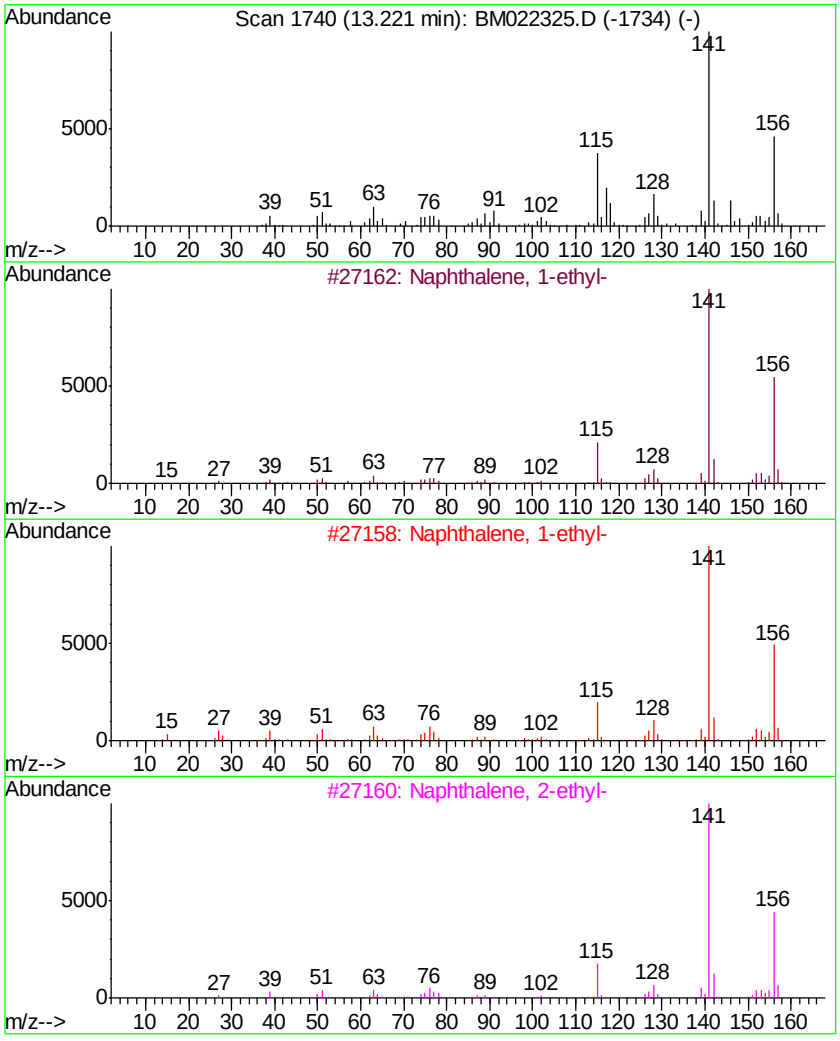
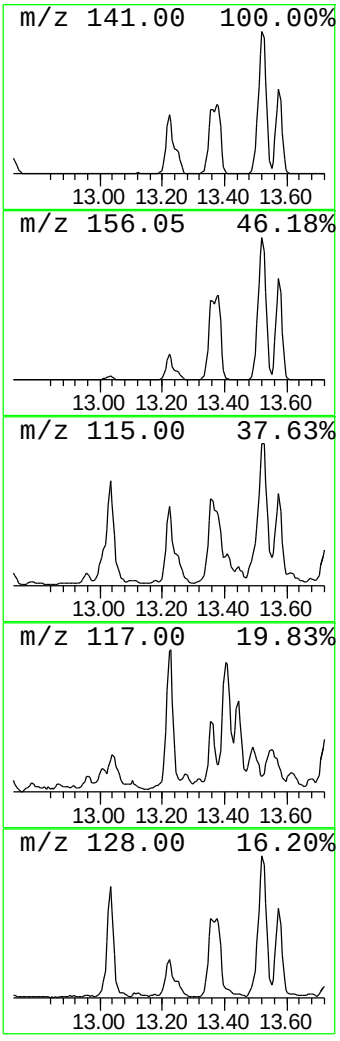
Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	8.09 ng/ul	718216	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	92
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81





Library Search Compound Report

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Acq On : 26 Aug 2019 11:39
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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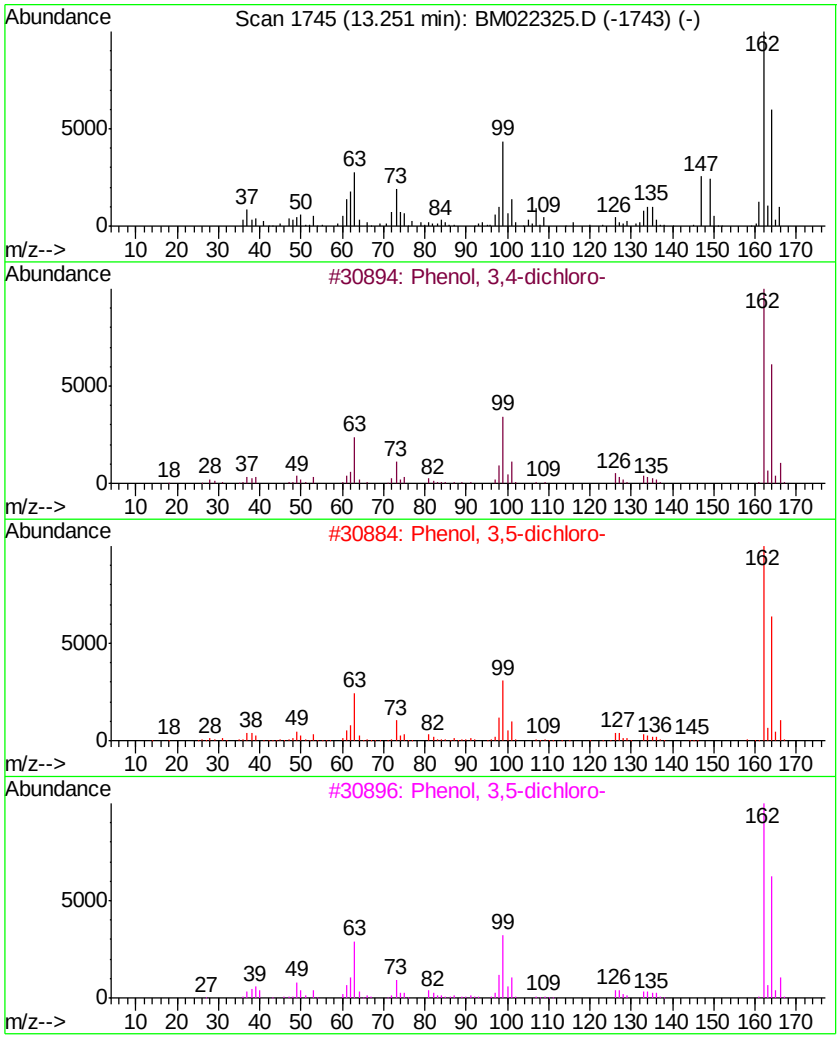
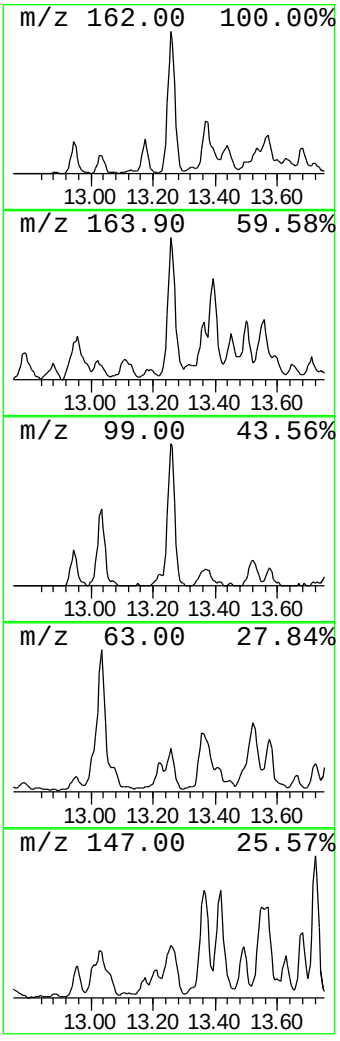
Peak Number 13 Phenol, 3,4-dichloro- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.49 ng/ul	576686	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	92
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	78
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	76
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	76
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	64





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Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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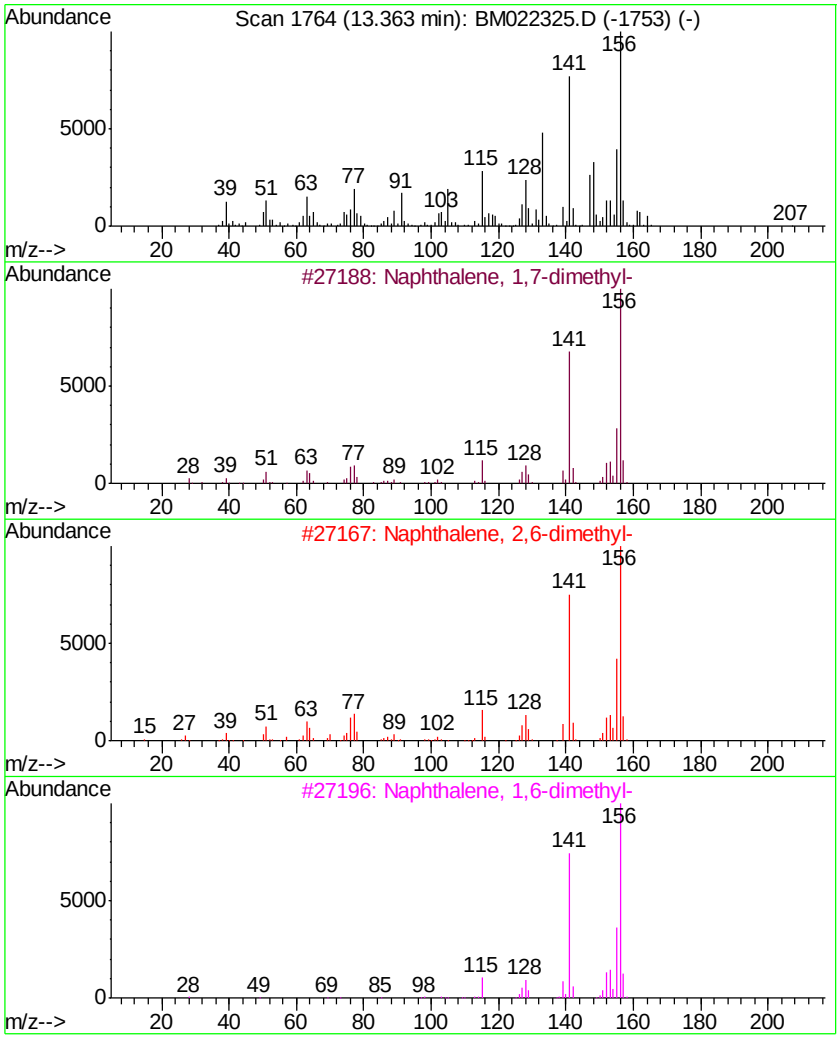
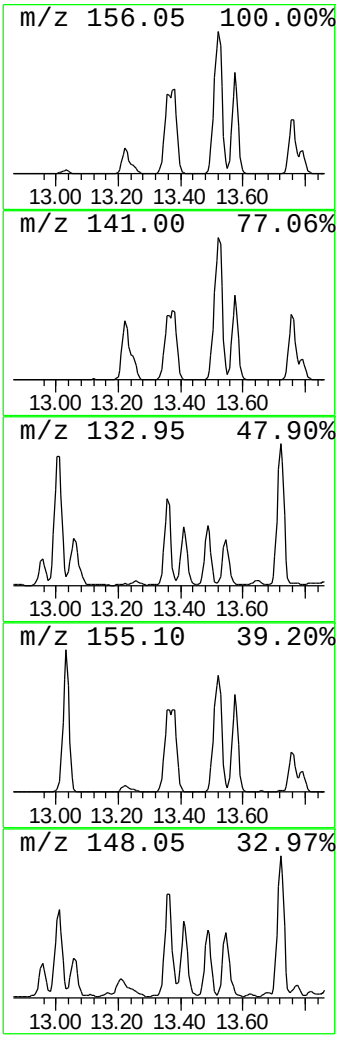
Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	33.90 ng/ul	3009810	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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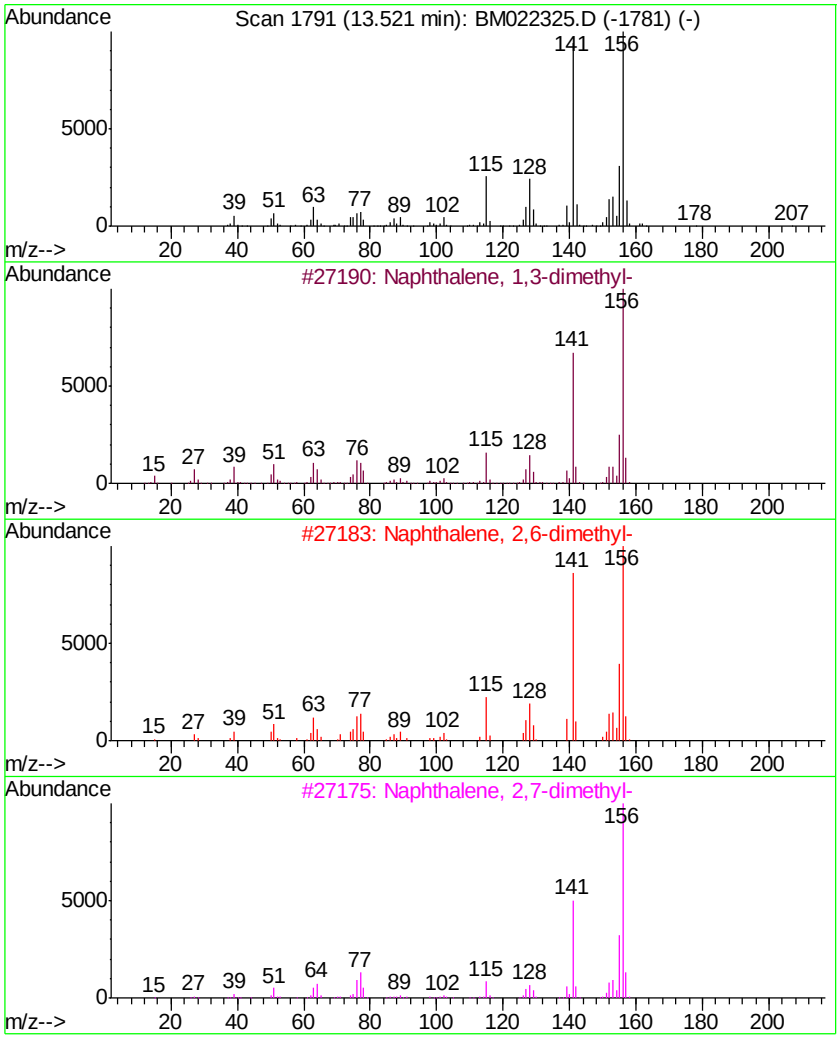
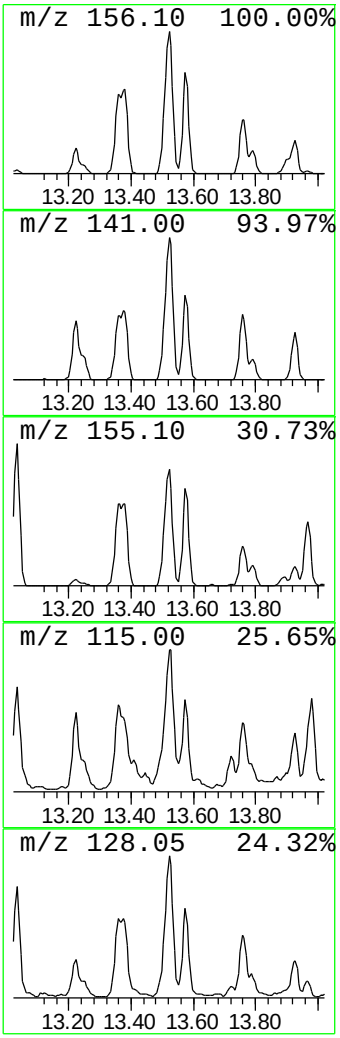
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	34.57 ng/ul	3069420	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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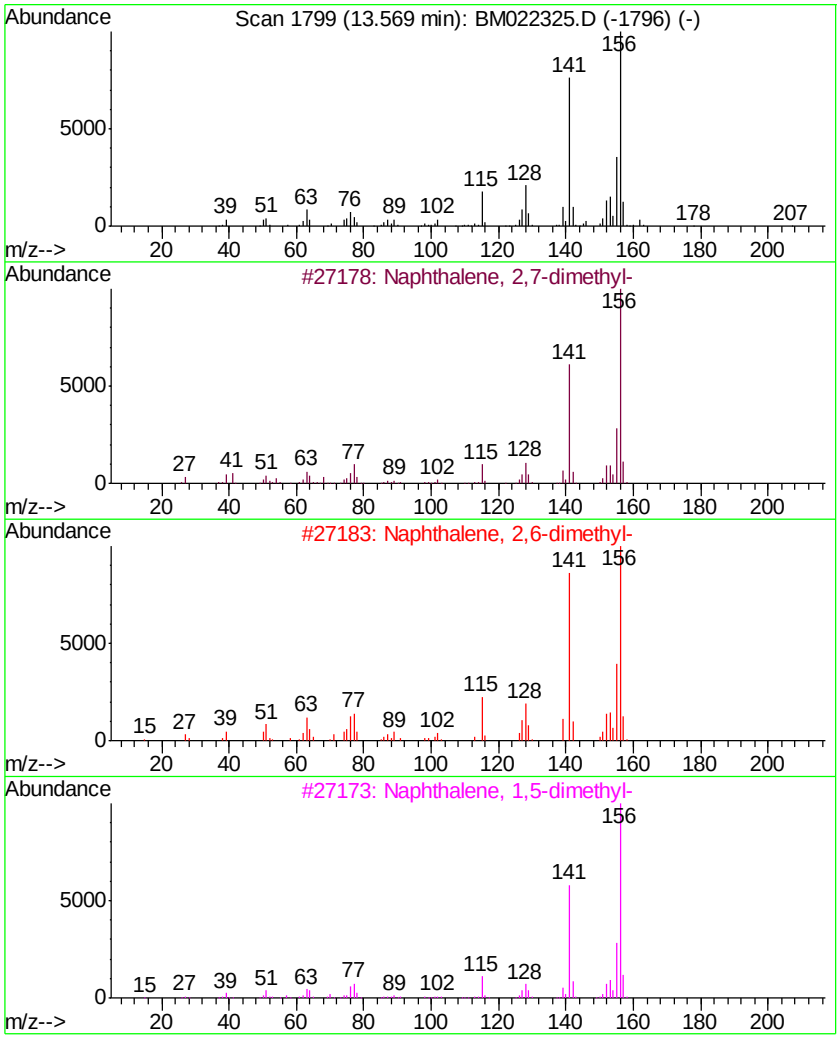
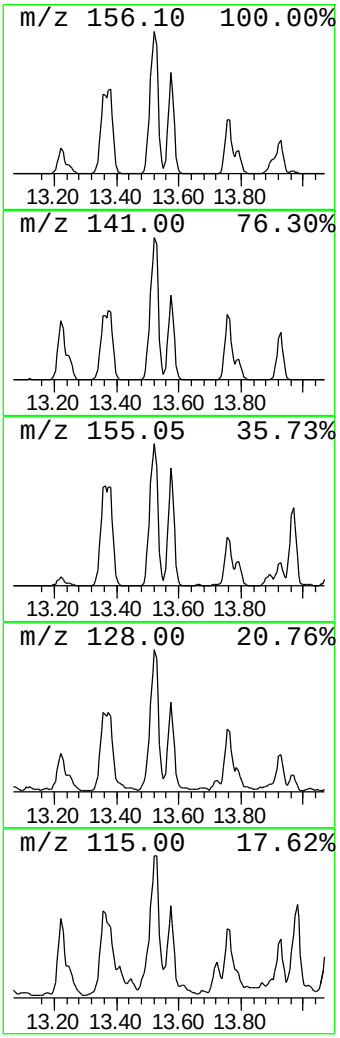
Peak Number 16 Naphthalene, 2,7-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	17.15 ng/ul	1522340	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Library Search Compound Report

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Misc :
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Quant Title : SVOA CALIBRATION

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

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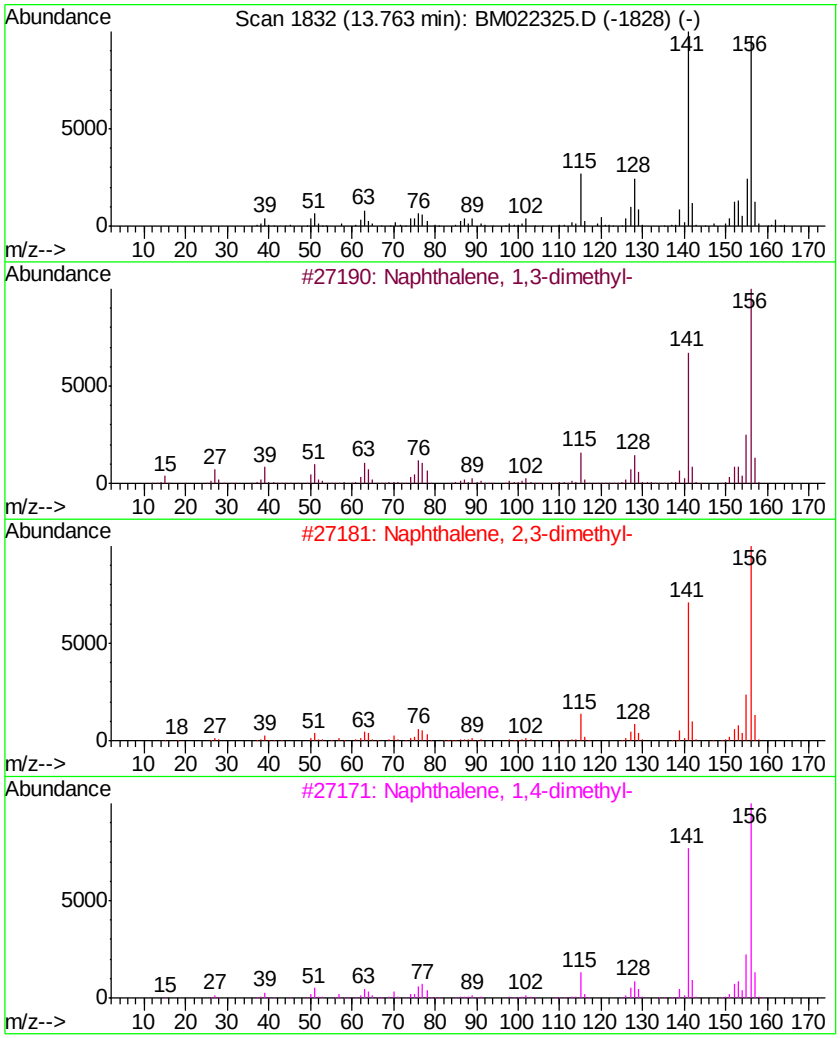
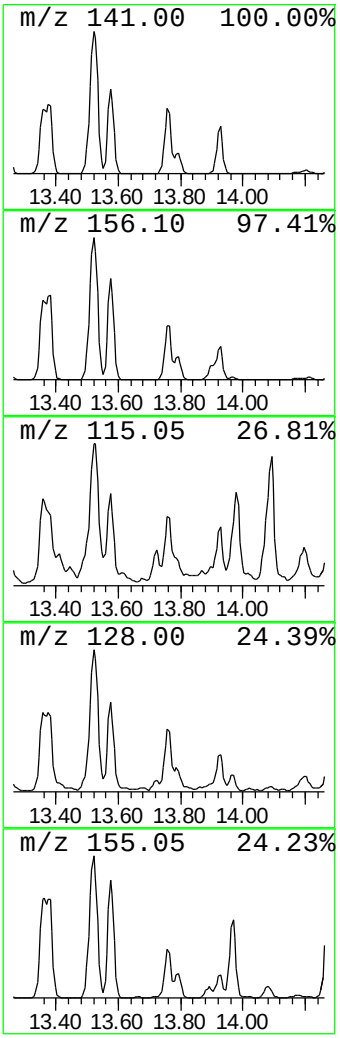
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	10.62 ng/ul	942907	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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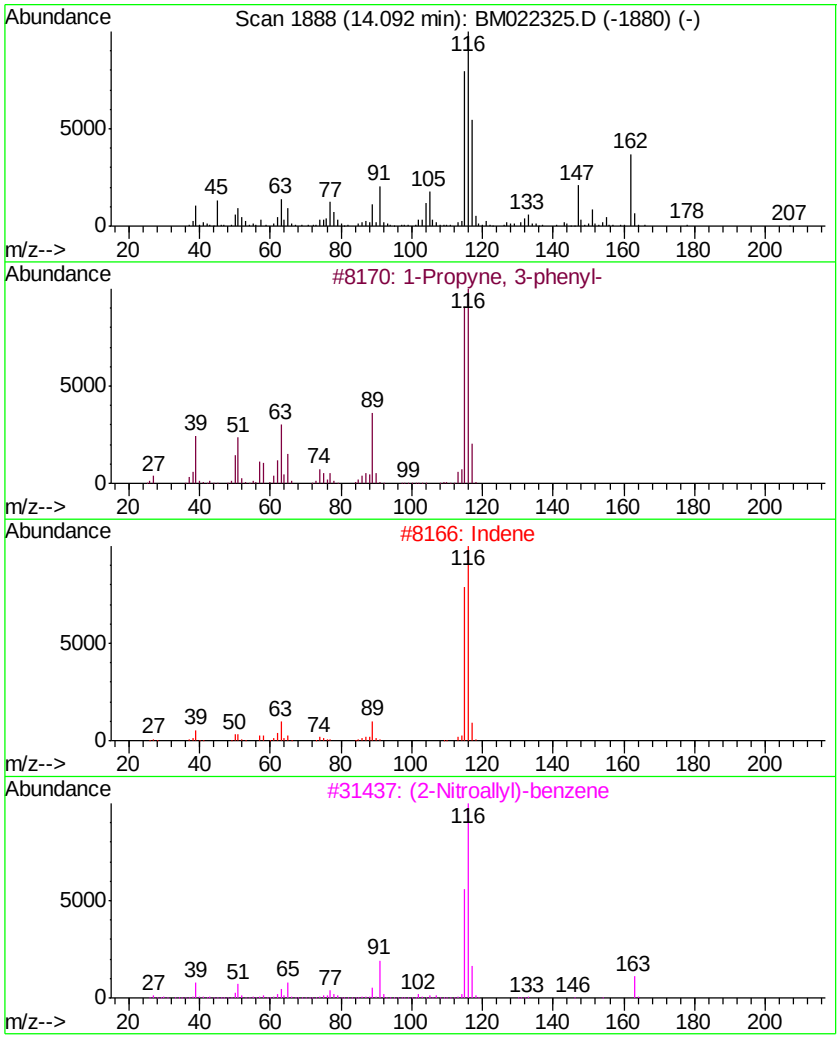
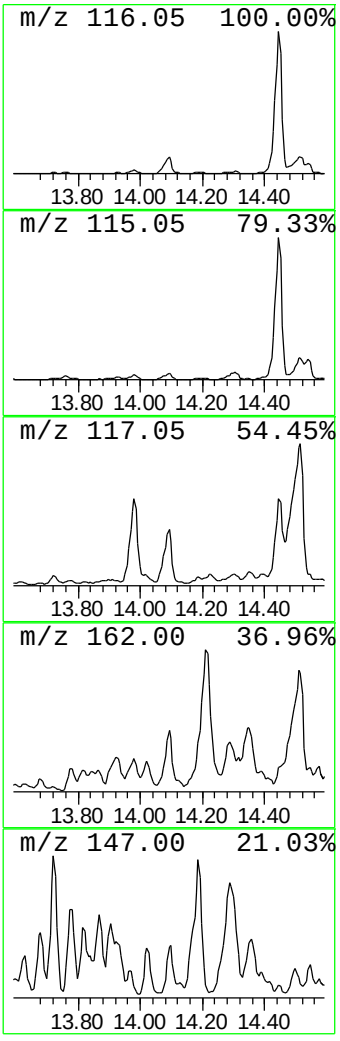
Peak Number 18 1-Propyne, 3-phenyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	9.72 ng/ul	862997	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	64
2	Indene	116	C9H8	000095-13-6	60
3	(2-Nitroallyl)-benzene	163	C9H9NO2	062811-39-6	50
4	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	38
5	Indene	116	C9H8	000095-13-6	38





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Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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Peak Number 19 2-Naphthalenecarbonitrile Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	41.86 ng/ul	3716780	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
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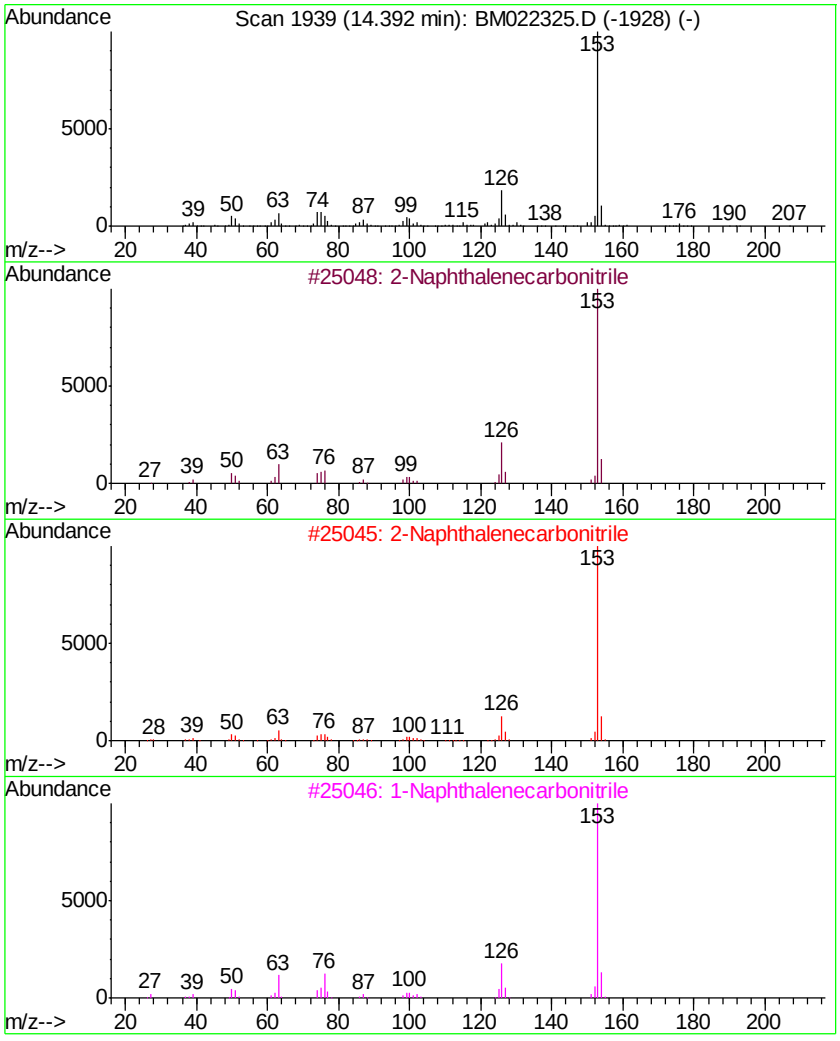

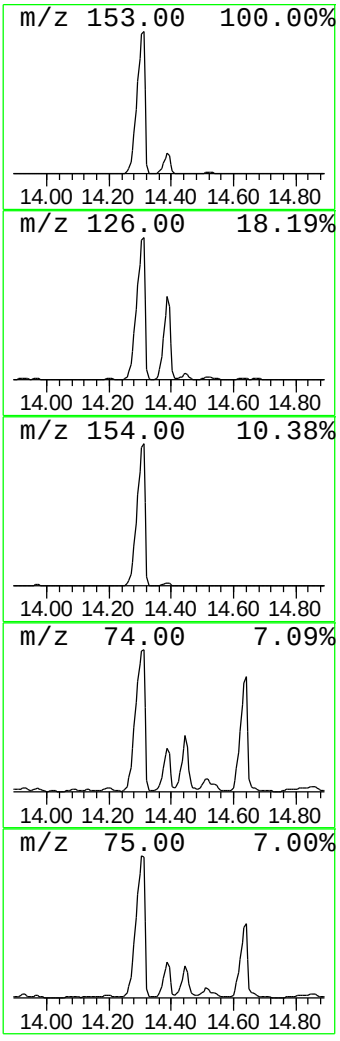

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Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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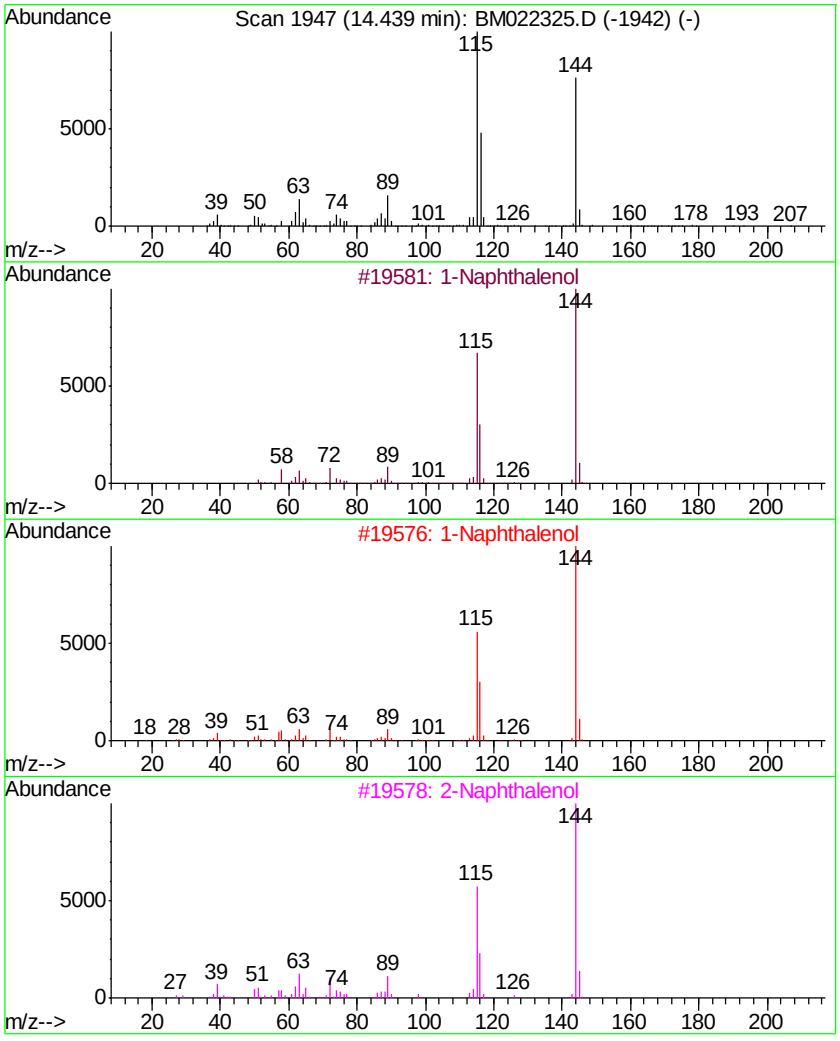
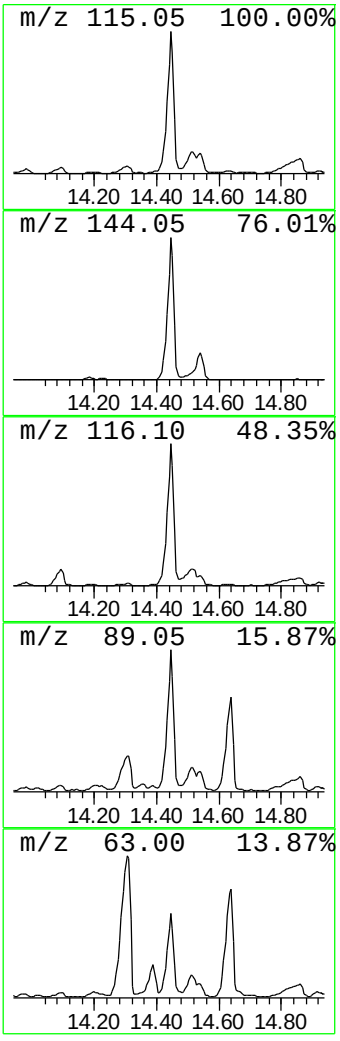
Peak Number 20 1-Naphthalenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	92.82 ng/ul	8241690	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	94
2	1-Naphthalenol	144	C10H8O	000090-15-3	91
3	2-Naphthalenol	144	C10H8O	000135-19-3	91
4	2-Naphthalenol	144	C10H8O	000135-19-3	90
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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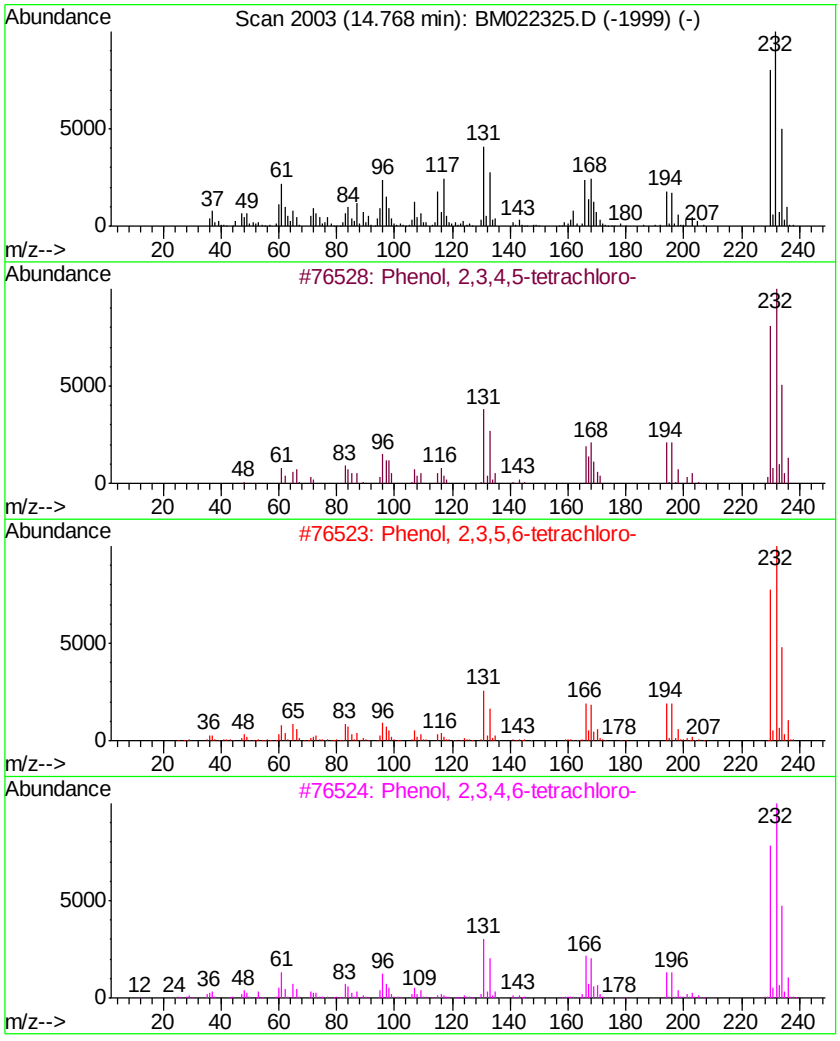
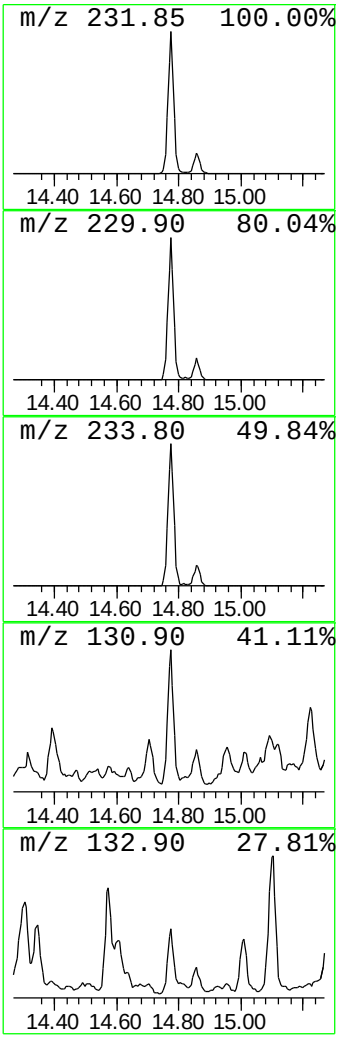
Peak Number 21 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	11.79 ng/ul	1046840	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
2	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
4	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	94
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	93





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Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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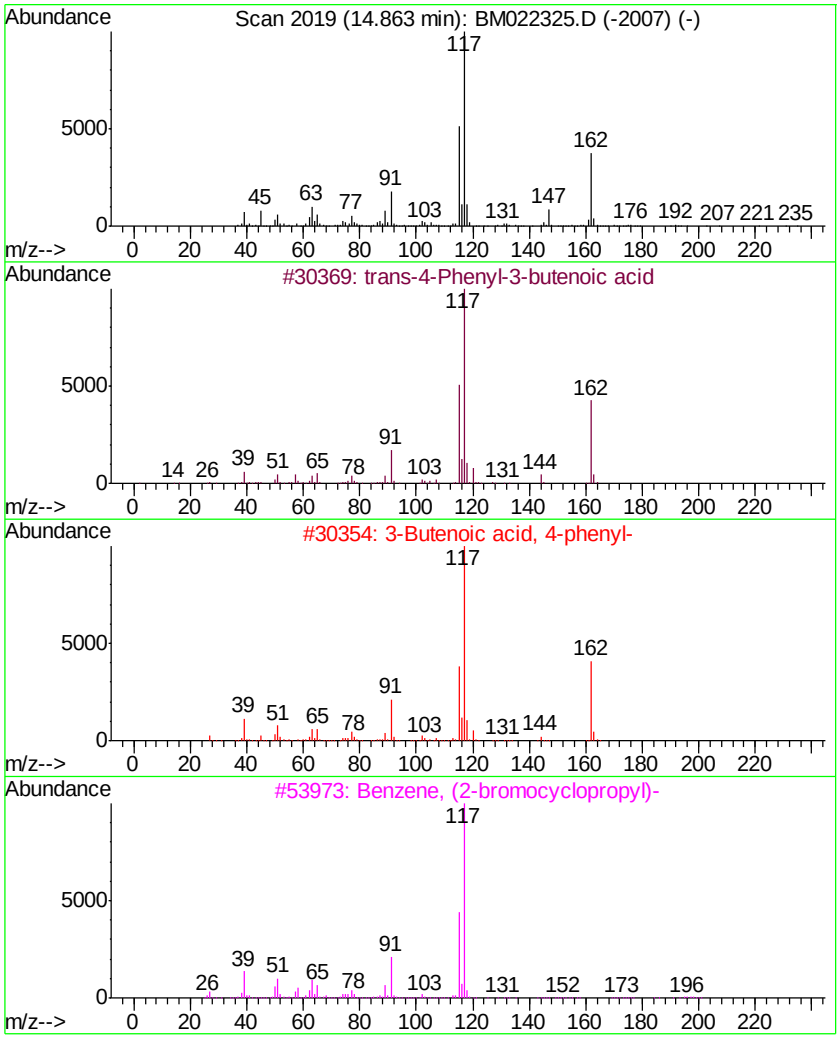
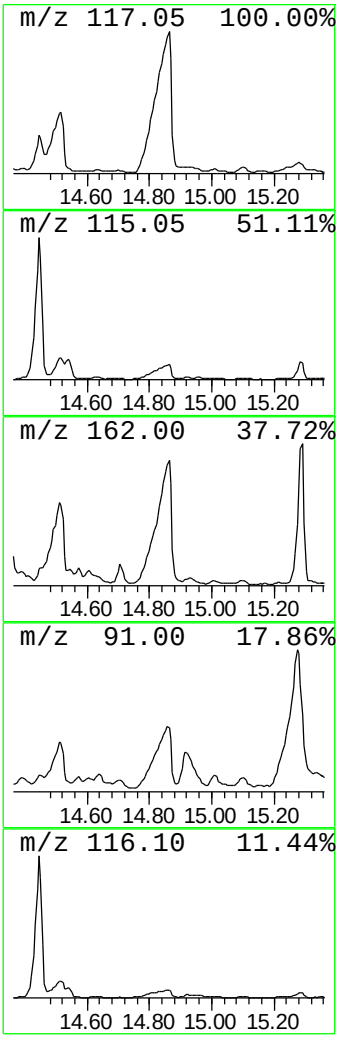
Peak Number 22 trans-4-Phenyl-3-butenoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	38.09 ng/ul	3381870	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	91
2	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	81
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
4	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	62
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53





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Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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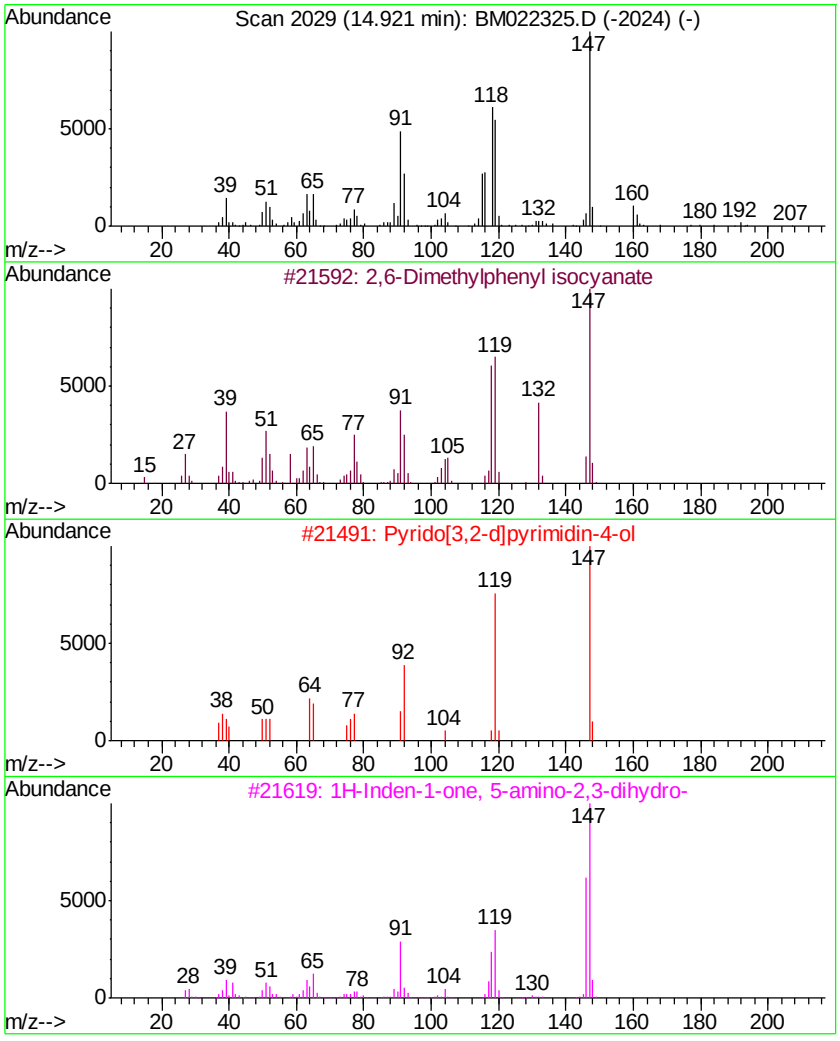
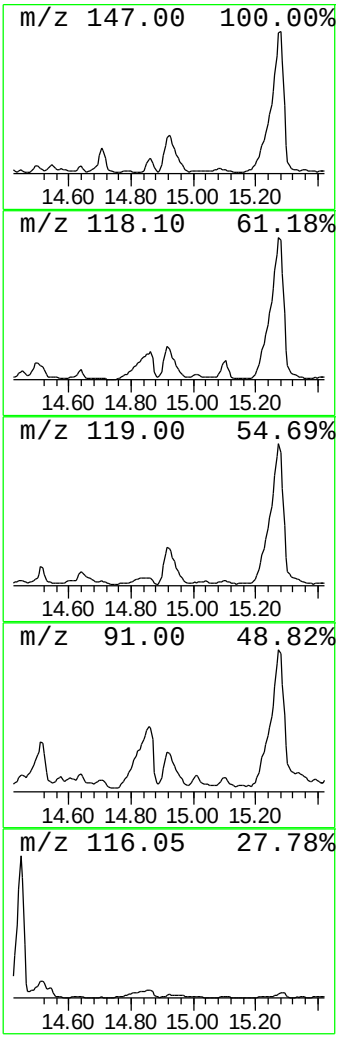
Peak Number 23 2,6-Dimethylphenyl isocyanate Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.83 ng/ul	517453	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	64
2	Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	60
3	1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	46
4	1H-Imidazo[4,5-b]pyridine-2-carb...	147	C7H5N3O	056805-24-4	43
5	5-Cyanotropolone	147	C8H5NO2	003266-92-0	43





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Quant Title : SVOA CALIBRATION

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

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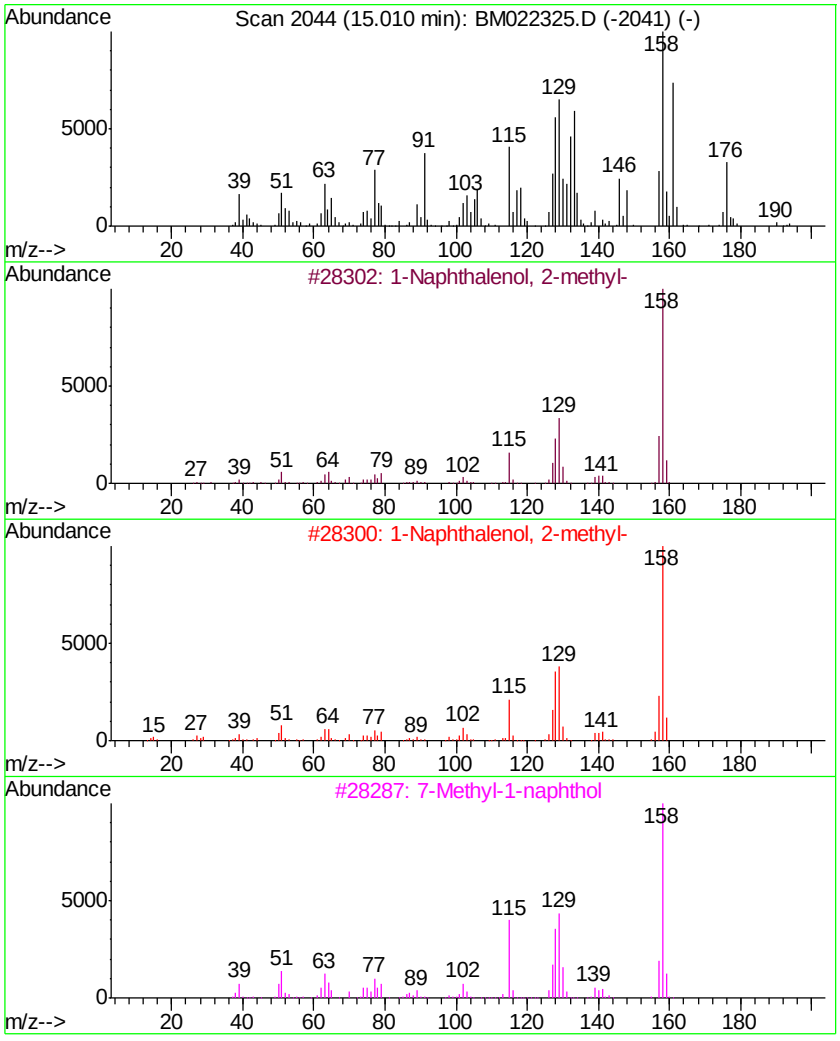
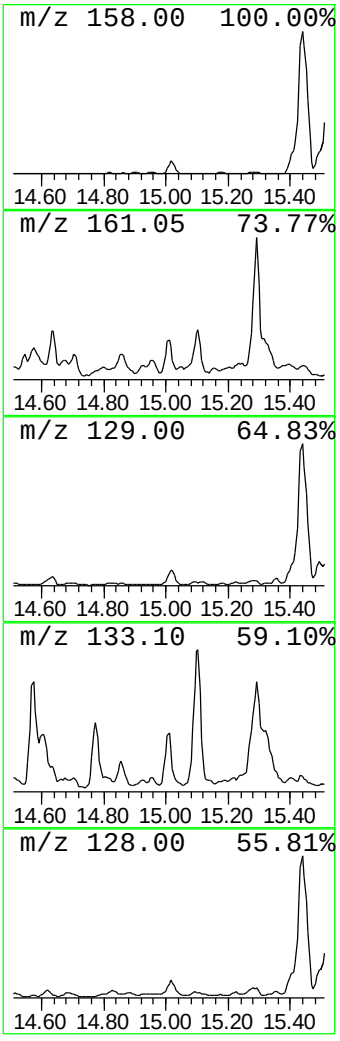
Peak Number 24 1-Naphthalenol, 2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	7.14 ng/ul	633969	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	52
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	46
3	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	42
4	2-Naphthalenemethanol	158	C11H10O	001592-38-7	38
5	1H-Isoindole, 3-ethoxy-	161	C10H11NO	049619-49-0	38





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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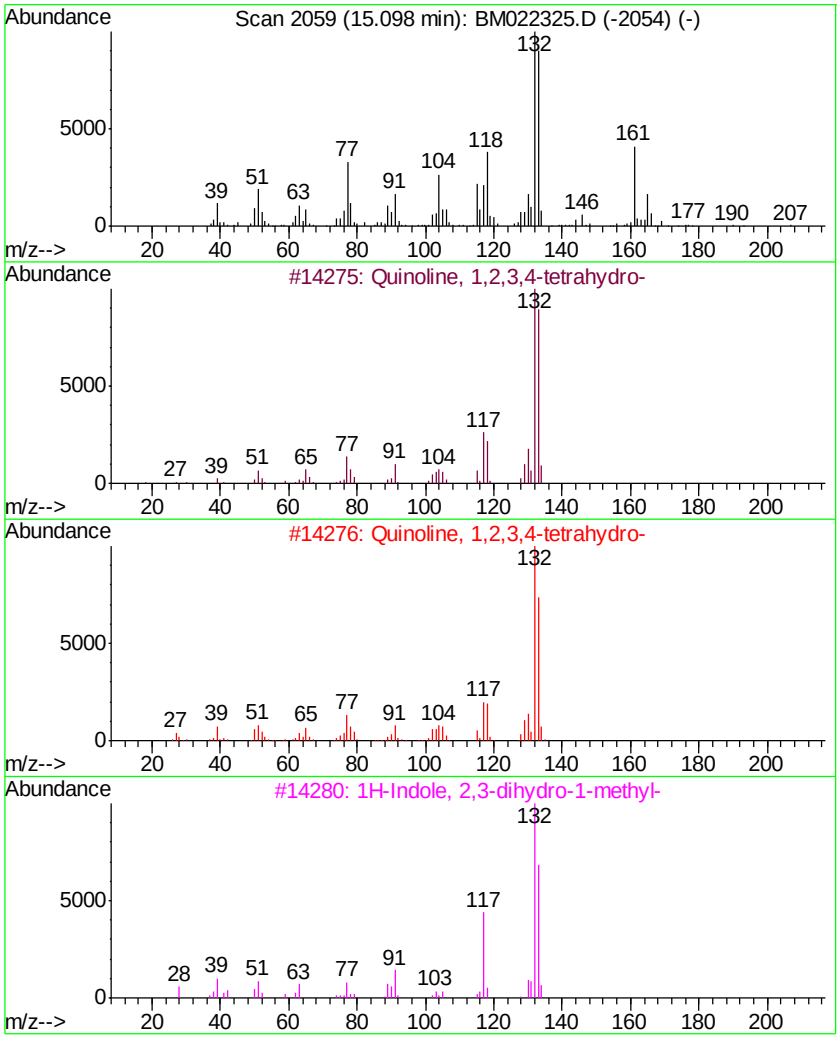
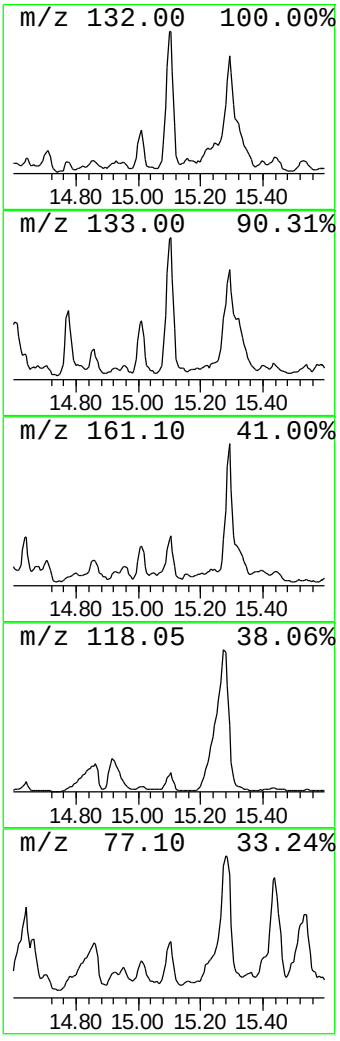
Peak Number 25 Quinoline, 1,2,3,4-tetrahydro- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	6.79 ng/ul	603107	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	64
2	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	58
3	1H-Indole, 2,3-dihydro-1-methyl-	133	C9H11N	000824-21-5	53
4	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	53
5	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	53





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Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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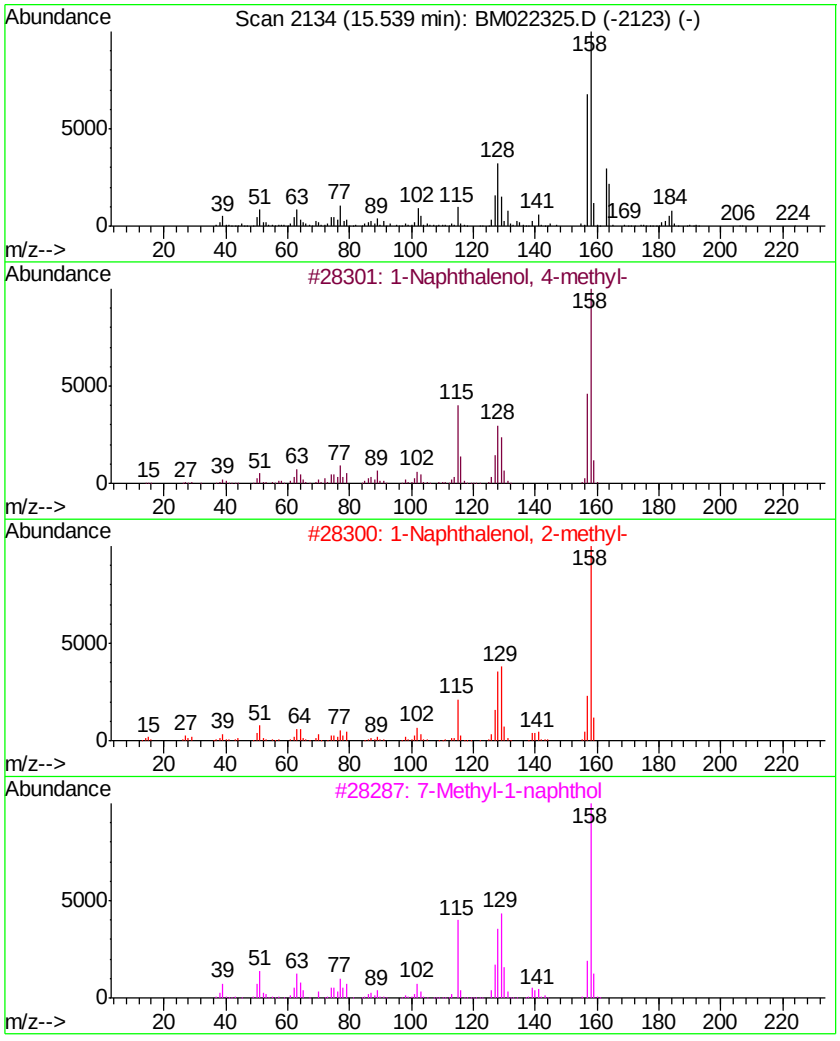
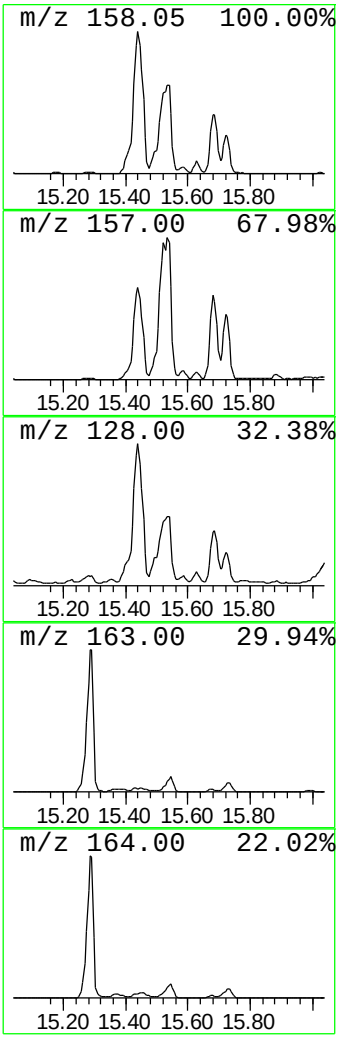
Peak Number 26 1-Naphthalenol, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	42.24 ng/ul	3750780	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	64
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	52
3	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	49
4	Benzaldehyde, 2,6-difluoro-3-hyd...	158	C7H4F2O2	152434-88-3	47
5	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	47





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Instrument : BNA_M
ClientSampleId : C0AF8

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Quant Title : SVOA CALIBRATION

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

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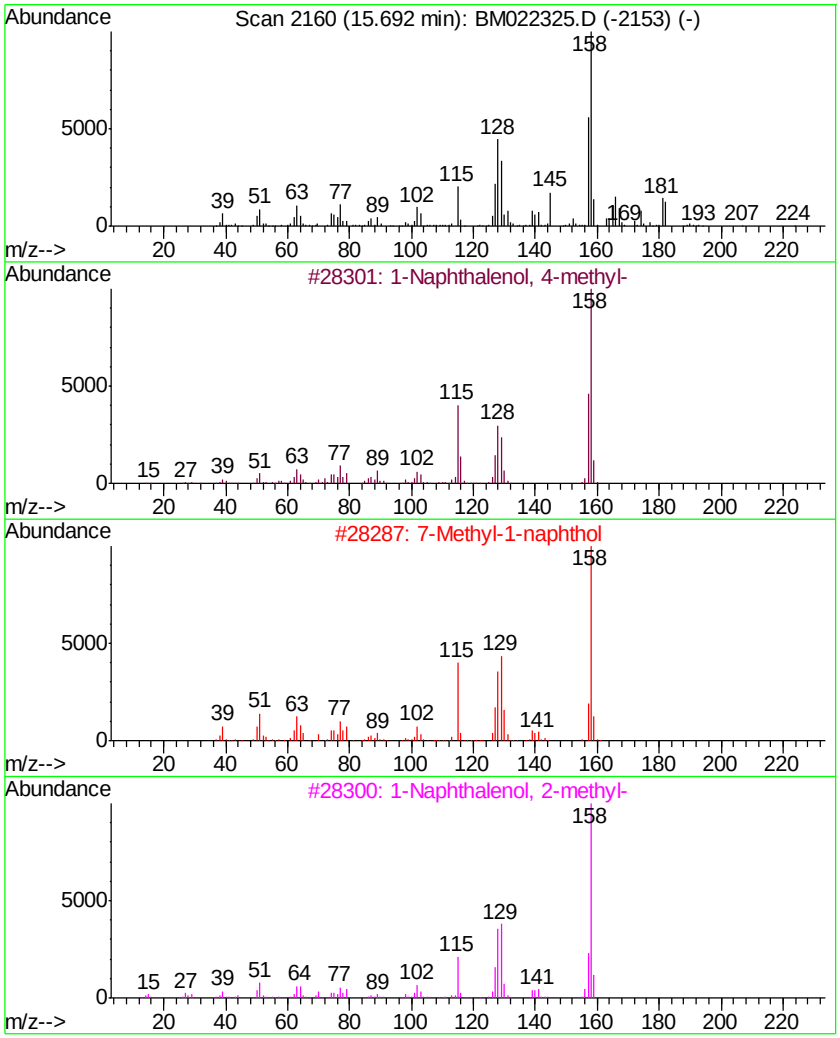
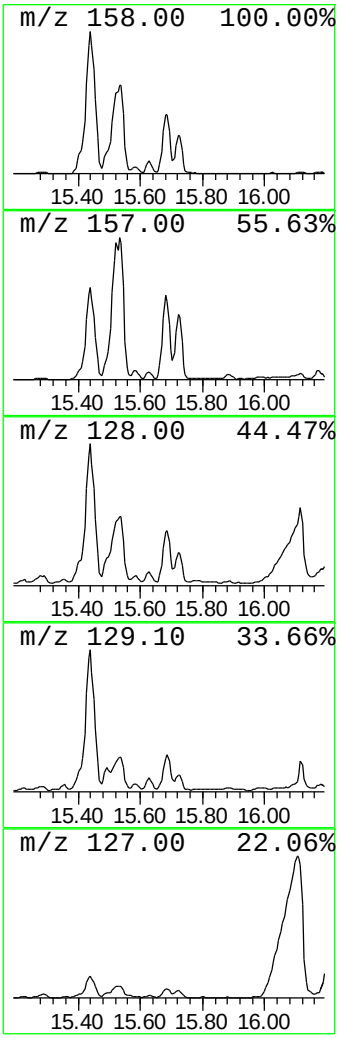
Peak Number 27 7-Methyl-1-naphthol Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	11.92 ng/ul	1138950	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	87
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	62
3	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	58
4	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	52
5	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	49





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Quant Title : SVOA CALIBRATION

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

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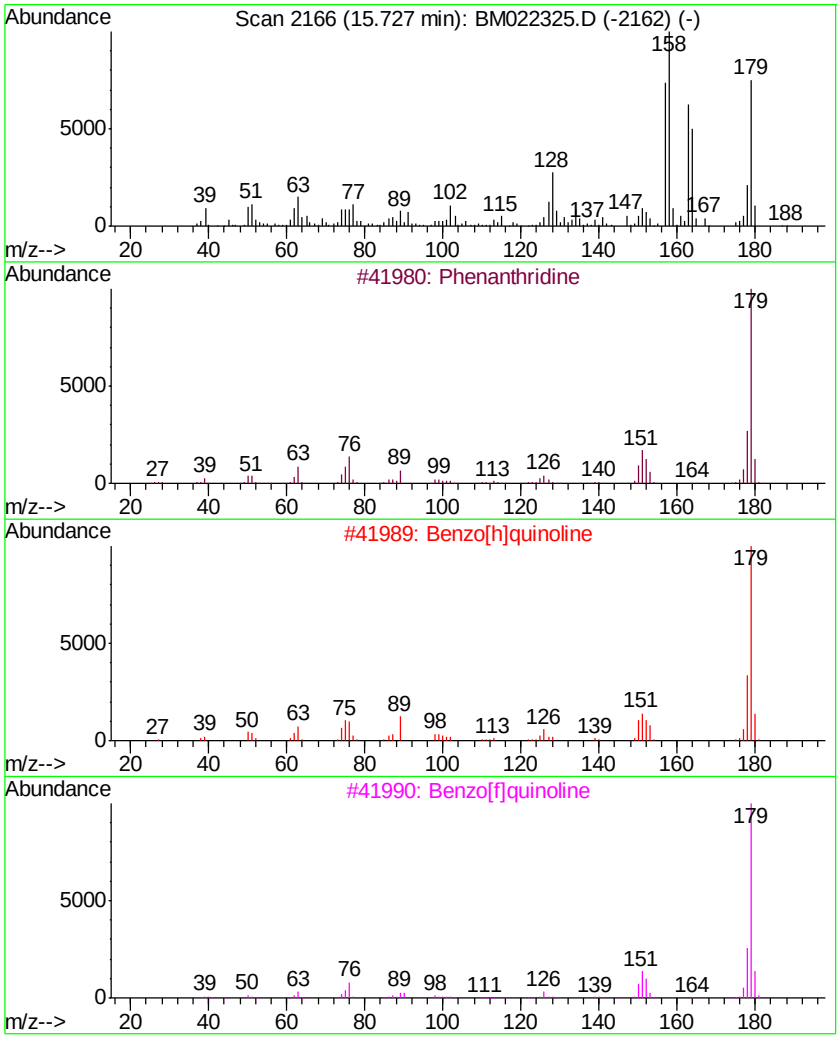
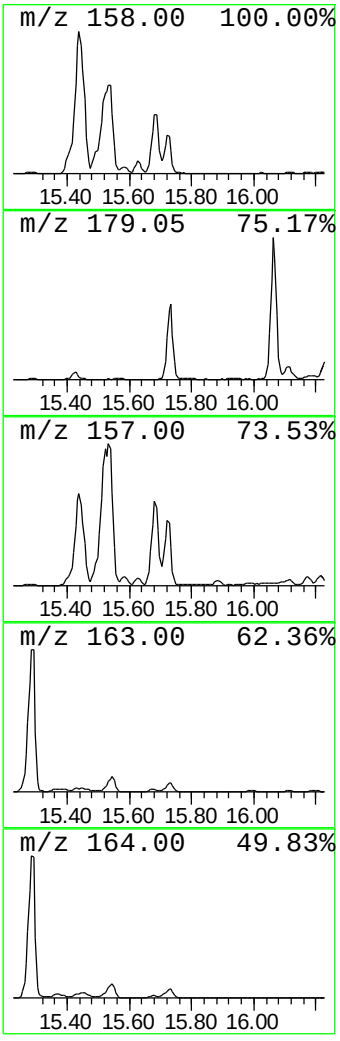
Peak Number 28 Phenanthridine Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	16.41 ng/ul	1567810	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	56
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	55
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	25
4	Pyridine, 2-(phenylethynyl)-	179	C13H9N	013141-42-9	25
5	Acridine	179	C13H9N	000260-94-6	25





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Quant Title : SVOA CALIBRATION

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

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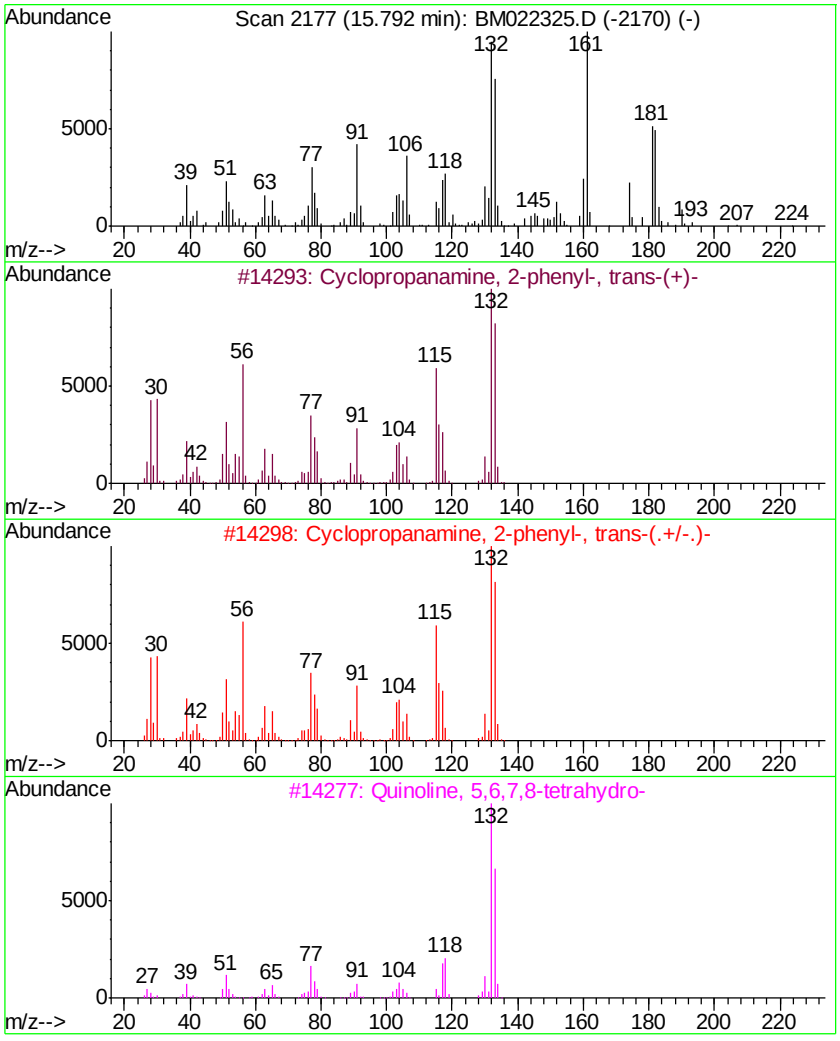
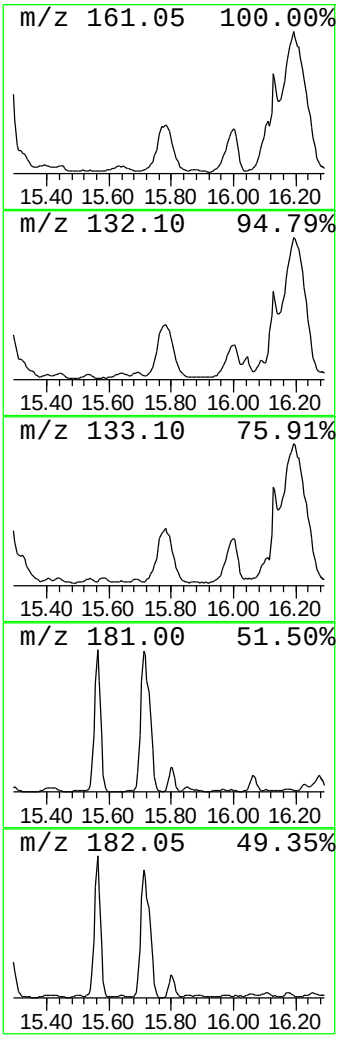
Peak Number 29 Cyclopropanamine, 2-phenyl-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	8.03 ng/ul	767323	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	62
2	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	62
3	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	50
4	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50
5	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50





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Quant Title : SVOA CALIBRATION

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

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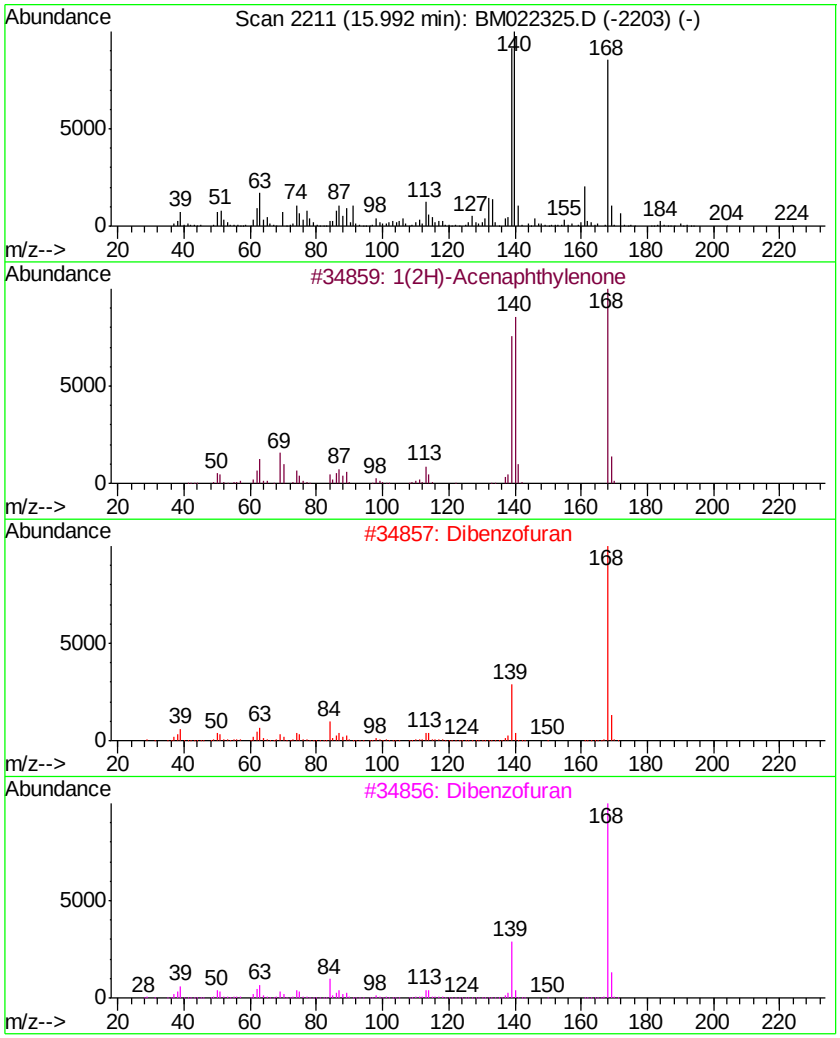
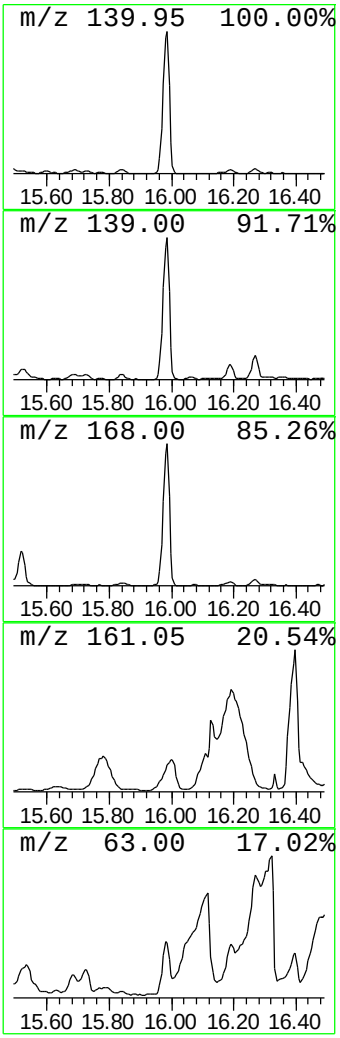
Peak Number 30 1(2H)-Acenaphthylenone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	26.48 ng/ul	2530530	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	86
2	Dibenzofuran	168	C12H8O	000132-64-9	53
3	Dibenzofuran	168	C12H8O	000132-64-9	53
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
5	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022325.D
Acq On : 26 Aug 2019 11:39
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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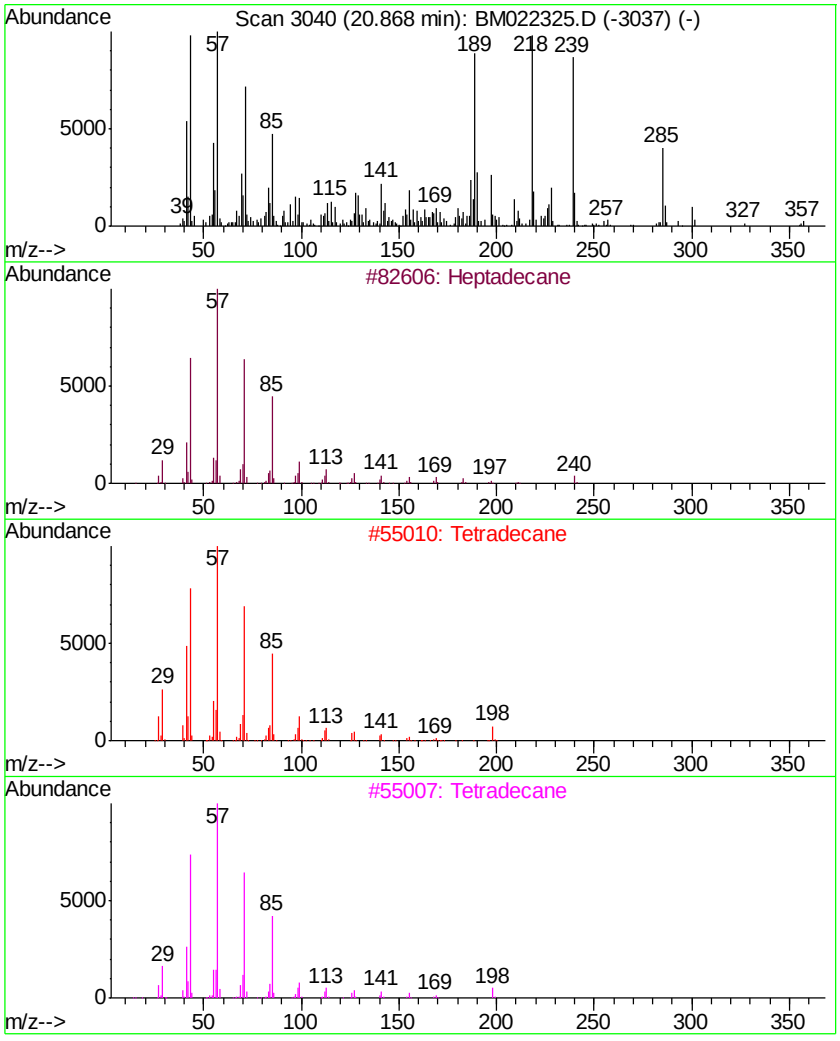
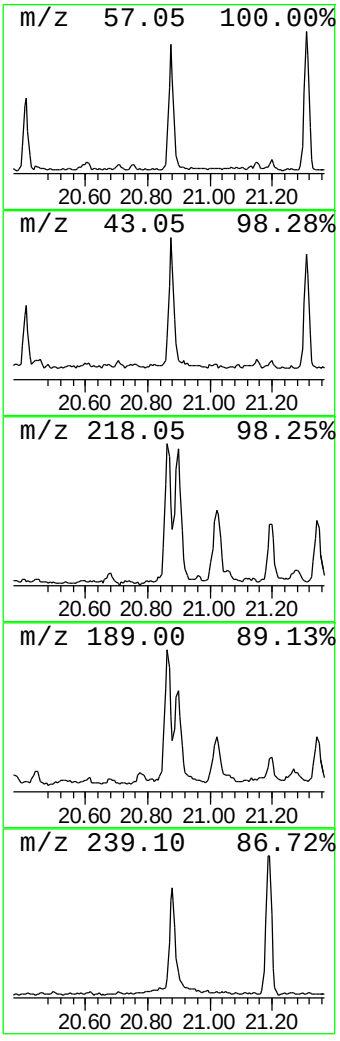
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	22.32 ng/ul	787177	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	78
2	Tetradecane	198	C14H30	000629-59-4	59
3	Tetradecane	198	C14H30	000629-59-4	59
4	Hexadecane	226	C16H34	000544-76-3	59
5	Hexadecane	226	C16H34	000544-76-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022325.D
Acq On : 26 Aug 2019 11:39
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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, 1,2,3-tr...	7.18	20.7	ng/ul	583467	1	7.55	562791	20.0
Benzofuran	7.27	20.0	ng/ul	562791	1	7.55	562791	20.0
Benzene, cyclopro...	7.92	360.4	ng/ul	10141200	1	7.55	562791	20.0
Indene	8.07	20.2	ng/ul	569673	1	7.55	562791	20.0
Naphthalene, 1-me...	12.25	3.9	ng/ul	23753400	2	10.36	121018000	20.0
Phenol, 3,5-diethyl-	12.35	6.0	ng/ul	531998	3	14.21	1775830	20.0
1H-Inden-5-ol, 2,...	12.42	28.7	ng/ul	2551990	3	14.21	1775830	20.0
4-Ethylbenzoic acid	12.62	13.9	ng/ul	1236840	3	14.21	1775830	20.0
unknown-01	12.68	7.5	ng/ul	667569	3	14.21	1775830	20.0
Naphthalene, 1-et...	13.22	8.1	ng/ul	718216	3	14.21	1775830	20.0
Phenol, 3,4-dichl...	13.25	6.5	ng/ul	576686	3	14.21	1775830	20.0
Naphthalene, 1,7-...	13.36	33.9	ng/ul	3009810	3	14.21	1775830	20.0
Naphthalene, 1,3-...	13.52	34.6	ng/ul	3069420	3	14.21	1775830	20.0
Naphthalene, 2,7-...	13.57	17.1	ng/ul	1522340	3	14.21	1775830	20.0
Naphthalene, 2,3-...	13.76	10.6	ng/ul	942907	3	14.21	1775830	20.0
1-Propyne, 3-phenyl-	14.09	9.7	ng/ul	862997	3	14.21	1775830	20.0
2-Naphthalenecarb...	14.39	41.9	ng/ul	3716780	3	14.21	1775830	20.0
1-Naphthalenol	14.44	92.8	ng/ul	8241690	3	14.21	1775830	20.0
Phenol, 2,3,4,5-t...	14.77	11.8	ng/ul	1046840	3	14.21	1775830	20.0
trans-4-Phenyl-3-...	14.86	38.1	ng/ul	3381870	3	14.21	1775830	20.0
2,6-Dimethylpheny...	14.92	5.8	ng/ul	517453	3	14.21	1775830	20.0
1-Naphthalenol, 2...	15.01	7.1	ng/ul	633969	3	14.21	1775830	20.0
Quinoline, 1,2,3,...	15.10	6.8	ng/ul	603107	3	14.21	1775830	20.0
1-Naphthalenol, 4...	15.54	42.2	ng/ul	3750780	3	14.21	1775830	20.0
7-Methyl-1-naphthol	15.69	11.9	ng/ul	1138950	4	16.98	1911180	20.0
Phenanthridine	15.73	16.4	ng/ul	1567810	4	16.98	1911180	20.0
Cyclopropanamine,...	15.79	8.0	ng/ul	767323	4	16.98	1911180	20.0
1(2H)-Acenaphthyl...	15.99	26.5	ng/ul	2530530	4	16.98	1911180	20.0
(DEL) Alkane: Str...	20.87	22.3	ng/ul	787177	5	21.19	705333	20.0