LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

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-BM051619MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.946	158	163	177	rVB	2052571	2767146	3.43%	0.441%
2	5.381	400	407	423	rBV	2732954	5350514	6.62%	0.853%
3	5.734	460	467	478	rBV2	3017863	6559560	8.12%	1.046%
4	6.816	645	651	656	rBV	520147	777259	0.96%	0.124%
5	6.951	669	674	681	rVB	663911	1022773	1.27%	0.163%
6	7.381	741	747	756	rVV2	3773751	7242695	8.97%	1.155%
7	7.469	756	762	769	rVB	1015992	1490830	1.85%	0.238%
8	7.840	819	825	831	rVV	680577	1069104	1.32%	0.171%
9	8.275	891	899	907	rVV	9990571	16395717	20.30%	2.615%
10	8.910	998	1007	1015	rVV3	430693	1156673	1.43%	0.185%
11	8.992	1015	1021	1029	rVV	720297	1352674	1.67%	0.216%
12	9.404	1086	1091	1099	rBV2	487551	871768	1.08%	0.139%
13	9.492	1099	1106	1111	rBV	560378	874929	1.08%	0.140%
14	9.957	1173	1185	1191	rBV3	2093927	5089174	6.30%	0.812%
15	10.028	1191	1197	1201	rBV	1714088	3288507	4.07%	0.525%
16	10.481	1268	1274	1278	rBV	531125	773223	0.96%	0.123%
17	10.633	1278	1300	1304	rVV2	29463205	80768144	100.00%	12.884%
18	10.710	1309	1313	1322	rVB	686563	1220440	1.51%	0.195%
19	11.939	1514	1522	1528	rBV2	956160	1676982	2.08%	0.267%
20	12.233	1556	1572	1576	rBV	24859413	51669986	63.97%	8.242%
21	12.445	1595	1608	1613	rVV	16900692	30055530	37.21%	4.794%
22	13.216	1727	1739	1748	rBV2	3343508	6621606	8.20%	1.056%
23	13.410	1768	1772	1785	rVB	1323027	2774981	3.44%	0.443%
24	13.569	1788	1799	1805	rBV	4477489	11319114	14.01%	1.806%
25	13.716	1816	1824	1828	rBV	6639071	12234977	15.15%	1.952%
26	13.769	1828	1833	1836	rBV	4057702	5305695	6.57%	0.846%
27	13.845	1841	1846	1851	rVB	5487612	7756304	9.60%	1.237%
28	13.951	1858	1864	1868	rBV	3022897	5011229	6.20%	0.799%
29	14.127	1882	1894	1900	rVB	14943333	26796261	33.18%	4.274%
30	14.269	1912	1918	1926	rBV	1093737	1548848	1.92%	0.247%
31	14.363	1927	1934	1943	rBV2	2091427	3795343	4.70%	0.605%
32	14.457	1943	1950	1957	rBV3	1608105	3431072	4.25%	0.547%
33	14.598	1968	1974	1982	rVB	615428	1437977	1.78%	0.229%
34	14.786	1996	2006	2013	rBV2	2113262	3957493	4.90%	0.631%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

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-BM051619MA.M
Title : SVOA CALIBRATION

35	14.863	2014	2019	2023	rBV	1278137	1767866	2.19%	0.282%
36	14.992	2035	2041	2047	rBV3	2217502	4218013	5.22%	0.673%
37	15.057	2049	2052	2055	rVB	999541	1142525	1.41%	0.182%
38	15.157	2064	2069	2071	rBV	844036	1327356	1.64%	0.212%
39	15.221	2076	2080	2083	rVB2	906781	1177352	1.46%	0.188%
40	15.263	2083	2087	2092	rVB	2465959	3274119	4.05%	0.522%
41	15.386	2104	2108	2113	rVB	2584104	3549068	4.39%	0.566%
42	15.451	2113	2119	2129	rVB	9248330	16656587	20.62%	2.657%
43	15.645	2148	2152	2161	rVB2	875033	1472107	1.82%	0.235%
44	15.727	2162	2166	2171	rVV2	878271	1664424	2.06%	0.265%
45	15.780	2172	2175	2181	rVB3	931608	1463579	1.81%	0.233%
46	15.857	2182	2188	2200	rBV2	2933871	5491935	6.80%	0.876%
47	16.086	2222	2227	2229	rBV	1005133	1444920	1.79%	0.230%
48	16.445	2280	2288	2292	rBV2	2011338	4218621	5.22%	0.673%
49	16.492	2292	2296	2301	rVB	1414886	1890701	2.34%	0.302%
50	16.592	2308	2313	2318	rBV	1334850	1846091	2.29%	0.294%
51	16.798	2344	2348	2354	rVB2	833980	1204846	1.49%	0.192%
52	16.880	2357	2362	2366	rVV2	884881	1203288	1.49%	0.192%
53	16.962	2366	2376	2384	rVB	2569415	4695639	5.81%	0.749%
54	17.210	2409	2418	2422	rVV2	26201168	50169148	62.12%	8.003%
55	17.286	2426	2431	2436	rVB	7475494	9700788	12.01%	1.547%
56	17.657	2490	2494	2500	rVV	823795	1051680	1.30%	0.168%
57	17.721	2500	2505	2513	rVB2	1453330	2160241	2.67%	0.345%
58	17.862	2524	2529	2536	rVB	821929	1656111	2.05%	0.264%
59	18.021	2550	2556	2560	rBV	5806186	8660851	10.72%	1.382%
60	18.074	2560	2565	2570	rVV	6680766	8970754	11.11%	1.431%
61	18.151	2573	2578	2583	rVV	2230206	3177978	3.93%	0.507%
62	18.215	2583	2589	2593	rVV2	7463342	14092983	17.45%	2.248%
63	18.251	2593	2595	2601	rVB	4019441	4902289	6.07%	0.782%
64	18.521	2635	2641	2645	rBV	2718835	3852934	4.77%	0.615%
65	18.762	2679	2682	2687	rVV3	589802	803731	1.00%	0.128%
66	18.809	2687	2690	2694	rVB	673984	801175	0.99%	0.128%
67	18.851	2694	2697	2702	rVB2	586882	777748	0.96%	0.124%
68	18.939	2706	2712	2716	rBV	2982825	4905403	6.07%	0.782%
69	19.004	2717	2723	2725	rBV2	1231050	2123069	2.63%	0.339%
70	19.033	2725	2728	2732	rVB	1303636	1579741	1.96%	0.252%
71	19.215	2752	2759	2764	rBV	12491589	18020335	22.31%	2.874%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

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-BM051619MA.M
Title : SVOA CALIBRATION

72	19.362	2779	2784	2789	rVV	4674095	6070935	7.52%	0.968%
73	19.480	2801	2804	2809	rVB	708931	933863	1.16%	0.149%
74	19.586	2809	2822	2827	rBV	16405855	28109929	34.80%	4.484%
75	19.639	2827	2831	2837	rVB2	511118	787199	0.97%	0.126%
76	19.892	2869	2874	2882	rVB2	1340155	2995283	3.71%	0.478%
77	20.033	2892	2898	2900	rBV2	1344045	2415632	2.99%	0.385%
78	20.068	2900	2904	2910	rVB	3801379	5347270	6.62%	0.853%
79	20.168	2916	2921	2926	rBV	3142294	4043631	5.01%	0.645%
80	20.227	2927	2931	2935	rVV2	1939935	2290792	2.84%	0.365%
81	20.362	2950	2954	2958	rVV	1474819	2135681	2.64%	0.341%
82	20.415	2958	2963	2971	rVB	2498621	3927288	4.86%	0.626%
83	20.980	3056	3059	3062	rVV	1078363	1306268	1.62%	0.208%
84	21.021	3062	3066	3069	rVV	1532914	1943927	2.41%	0.310%
85	21.056	3069	3072	3076	rVB	774777	892572	1.11%	0.142%
86	21.327	3112	3118	3123	rBV	8467655	13333252	16.51%	2.127%
87	21.380	3123	3127	3132	rVB	6118273	7748652	9.59%	1.236%
88	21.545	3152	3155	3160	rVV2	874210	1034206	1.28%	0.165%
89	21.892	3211	3214	3219	rVV2	1718271	2692314	3.33%	0.429%
90	21.939	3220	3222	3227	rVB	782877	954893	1.18%	0.152%
91	22.045	3237	3240	3244	rVB3	617570	823880	1.02%	0.131%
92	22.092	3244	3248	3250	rVV2	765167	1069653	1.32%	0.171%
93	22.127	3251	3254	3260	rVB2	1119266	1566919	1.94%	0.250%
94	22.933	3385	3391	3396	rBV	2175400	5667628	7.02%	0.904%
95	23.103	3415	3420	3428	rVB	1068912	1881738	2.33%	0.300%
96	23.421	3468	3474	3479	rBV	1790879	3429959	4.25%	0.547%
97	23.527	3486	3492	3498	rVB	4048309	7003488	8.67%	1.117%
98	23.662	3512	3515	3522	rVB2	692056	1287539	1.59%	0.205%
99	24.497	3653	3657	3671	rVB2	604240	1387392	1.72%	0.221%
100	25.927	3892	3900	3910	rVB	1095998	3248851	4.02%	0.518%

Sum of corrected areas: 626911158

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
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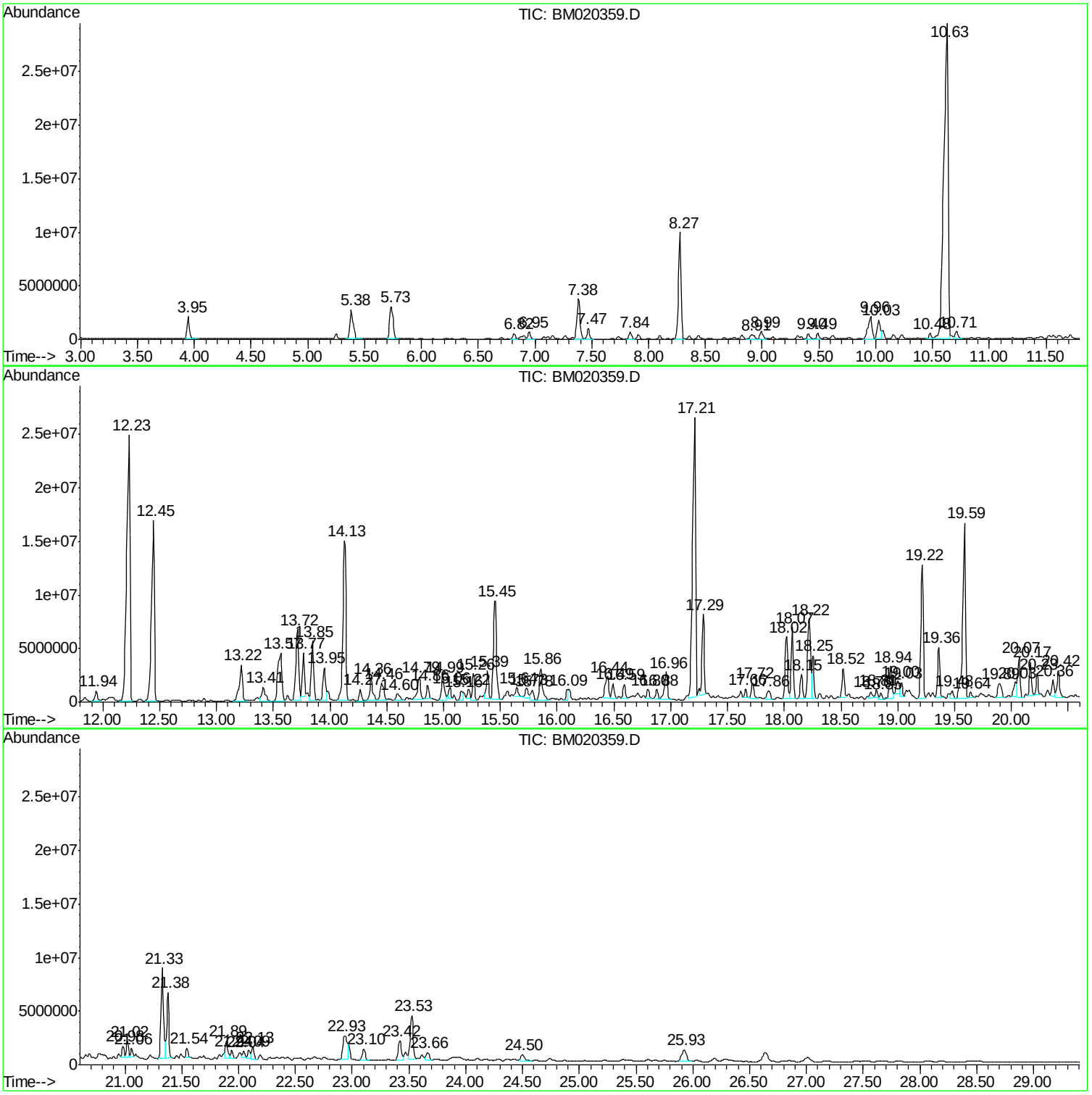
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

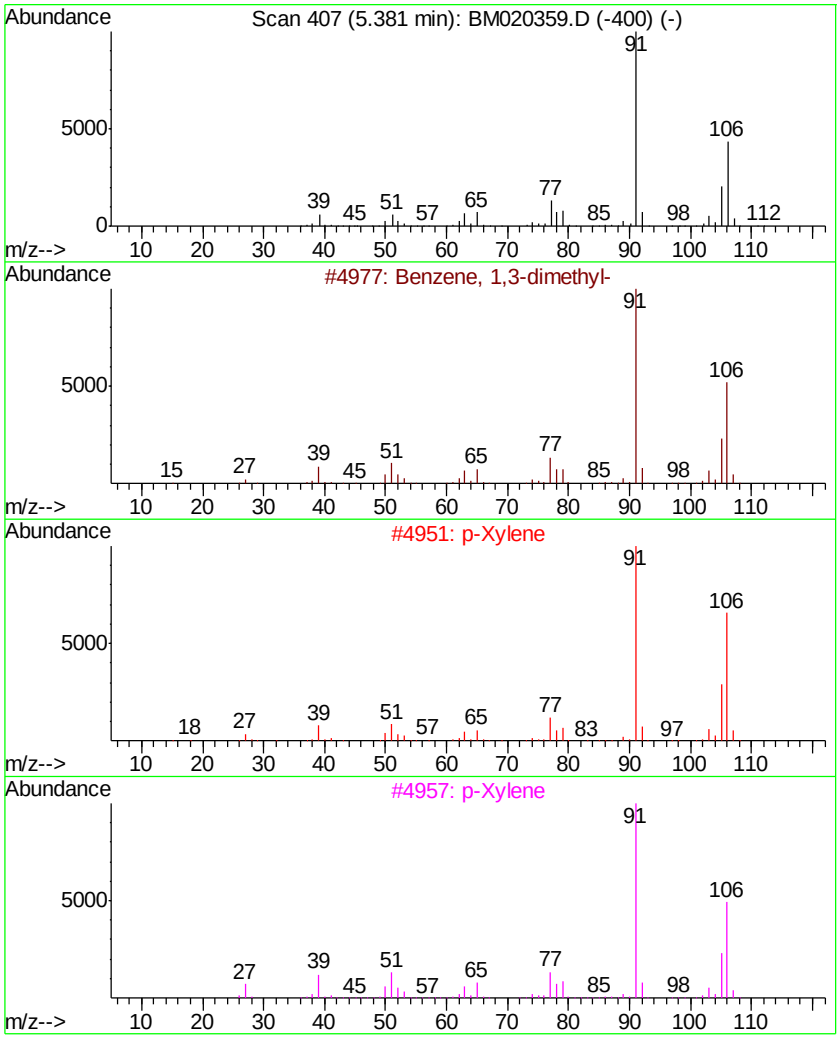
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

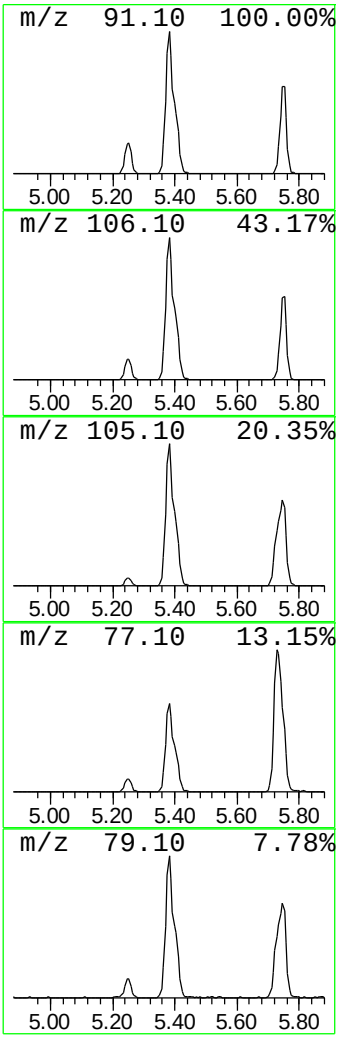
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	100.09 ng/ul	5350510	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	o-Xylene	106	C8H10	000095-47-6	94
5	o-Xylene	106	C8H10	000095-47-6	94





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

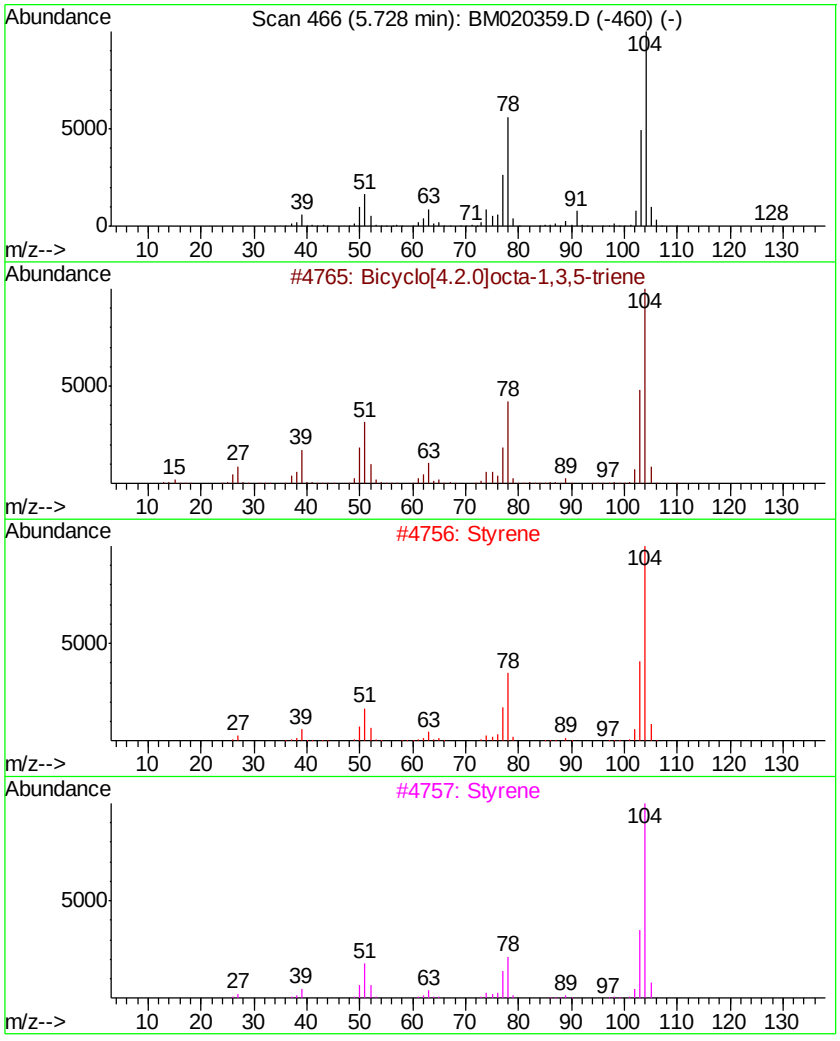
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

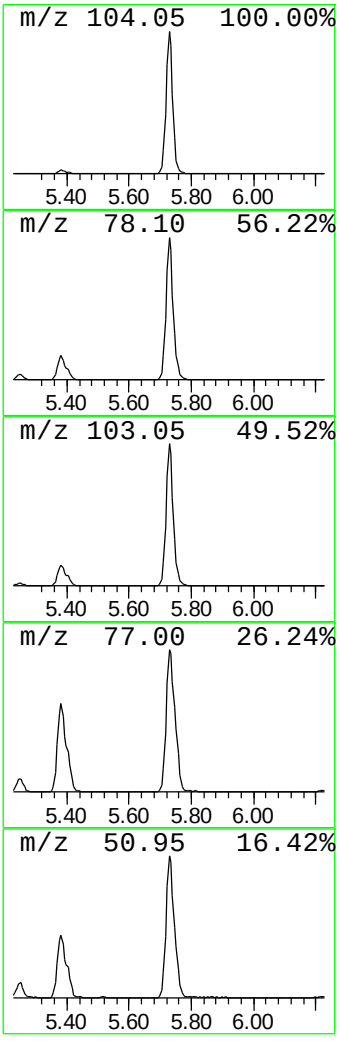
****

Peak Number 3 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	122.71 ng/ul	6559560	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	Styrene	104	C8H8	000100-42-5	95
3	Styrene	104	C8H8	000100-42-5	95
4	Styrene	104	C8H8	000100-42-5	95
5	Styrene	104	C8H8	000100-42-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
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Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

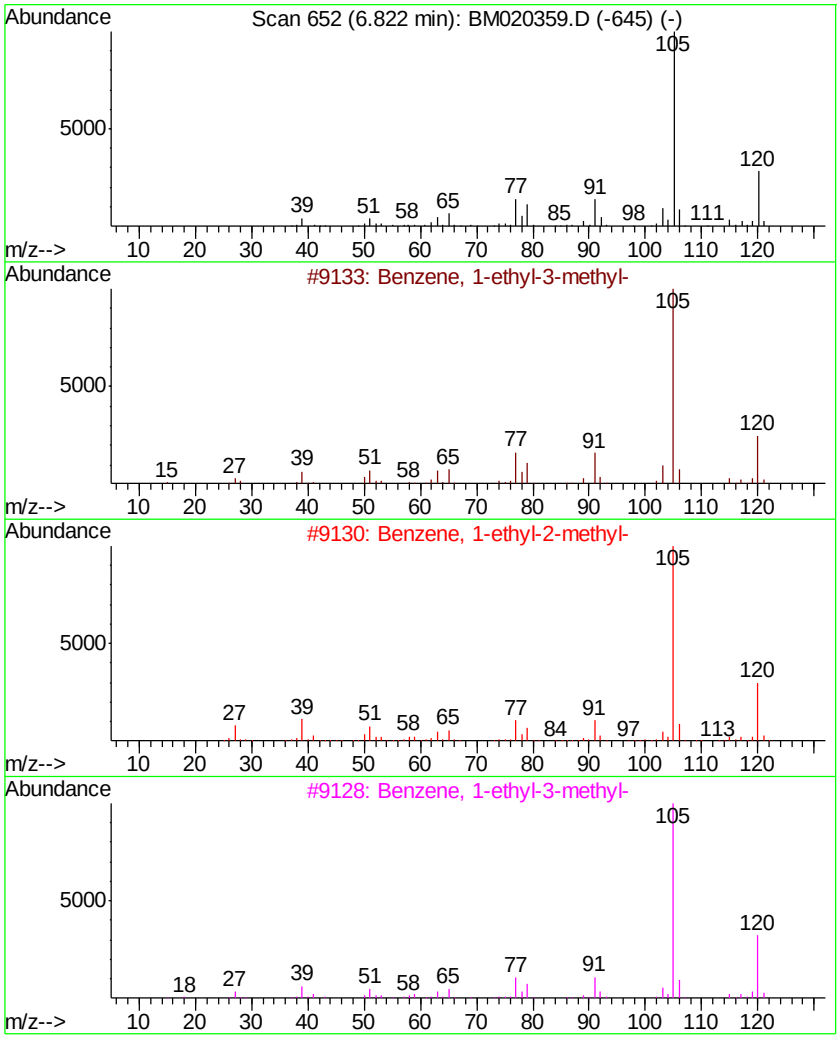
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

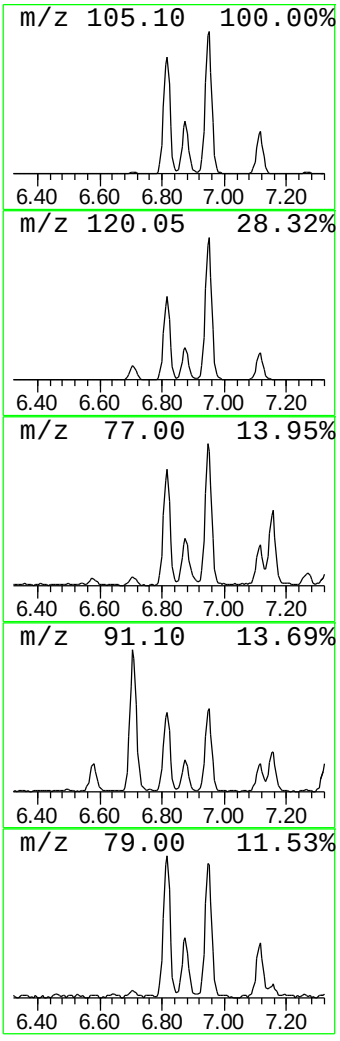
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	14.54 ng/ul	777259	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

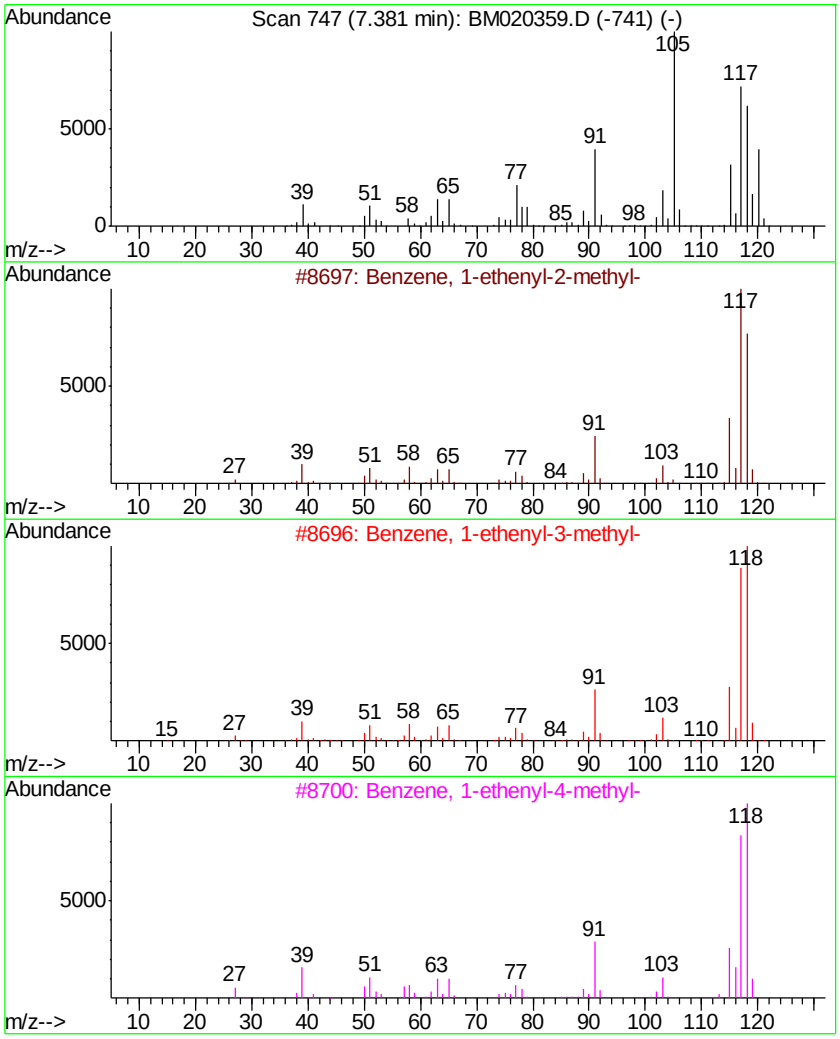
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

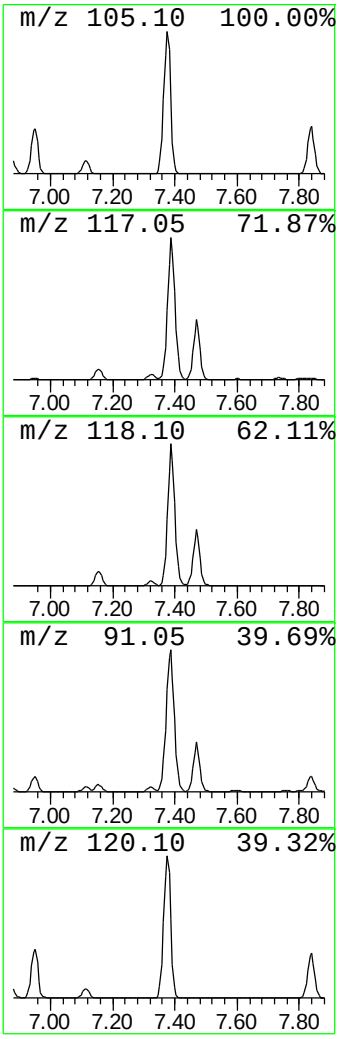
****

Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	135.49 ng/ul	7242700	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	50
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	46
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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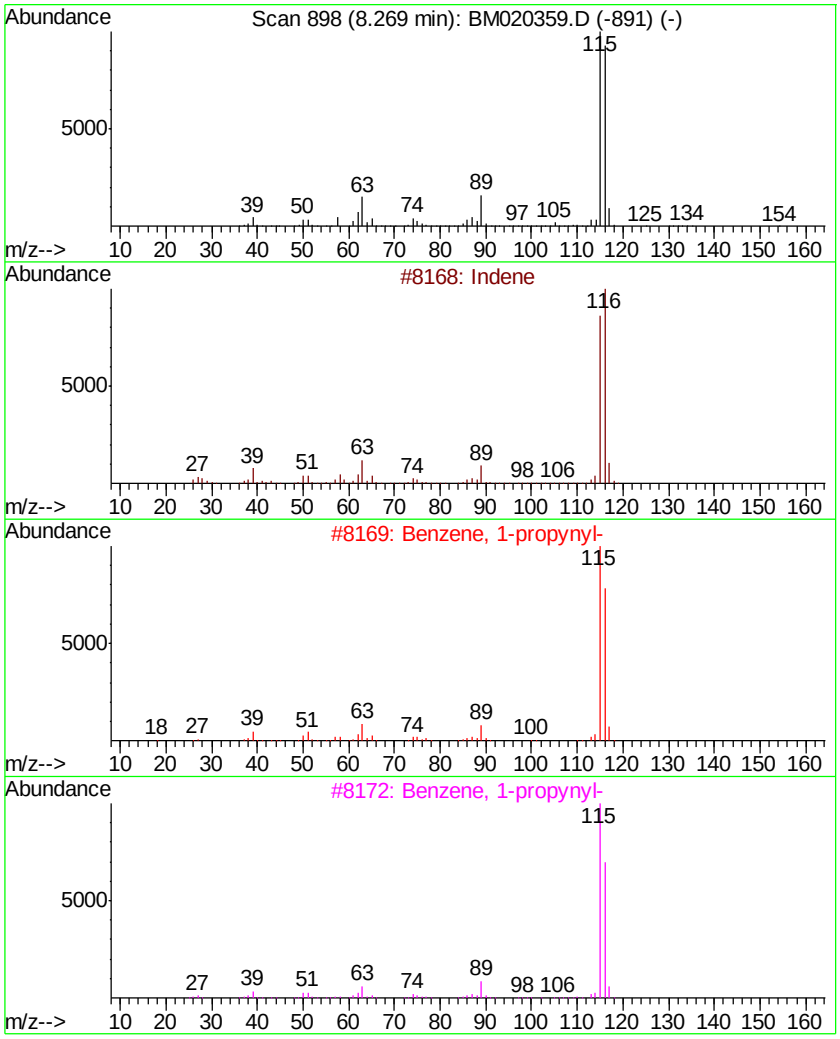
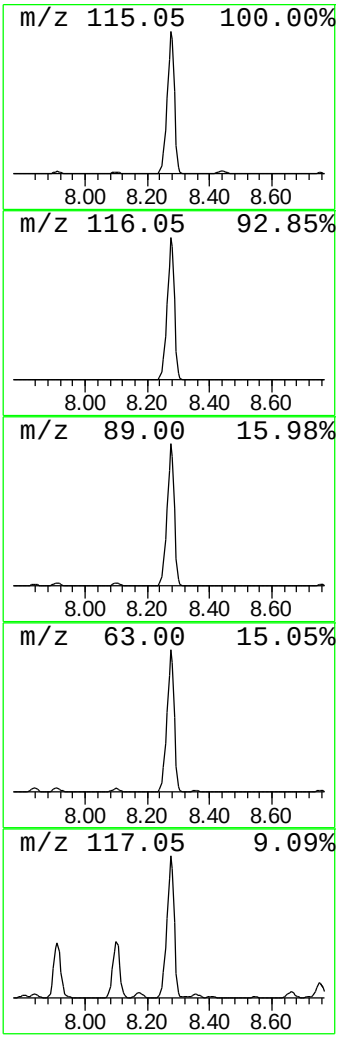
Peak Number 8 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	306.72 ng/ul	16395700	1,4-Dichlorobenzene-d4	7.73

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





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Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

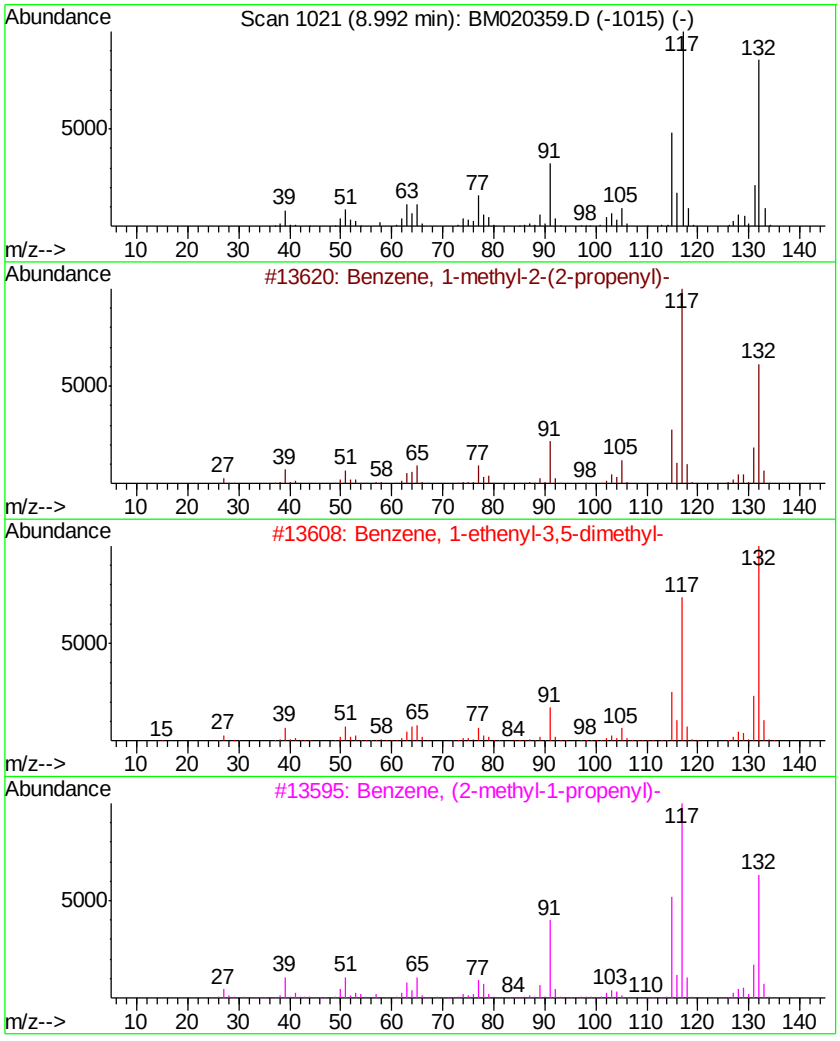
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

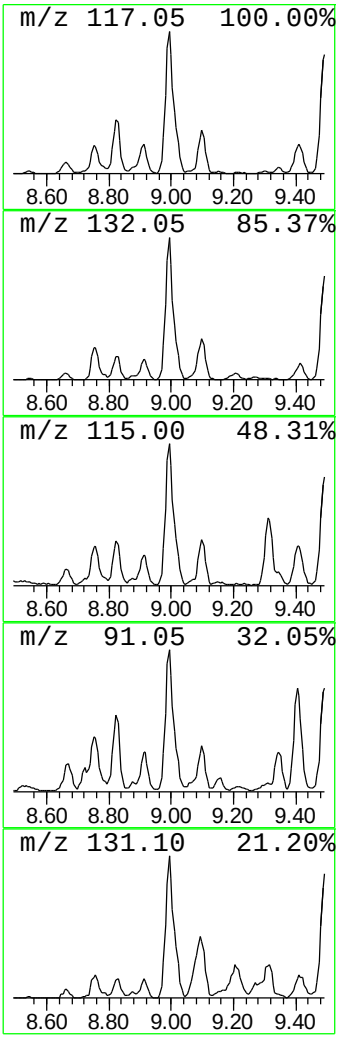
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-2-(2-prop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	25.30 ng/ul	1352670	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	94
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94





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Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

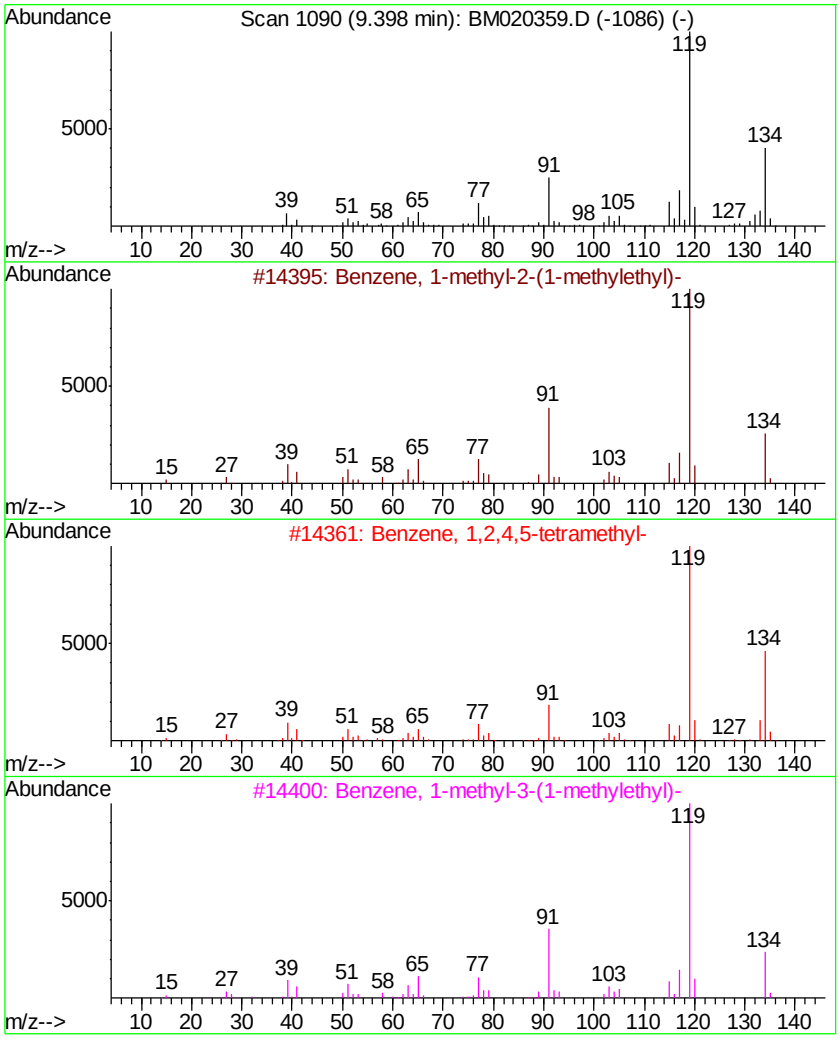
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

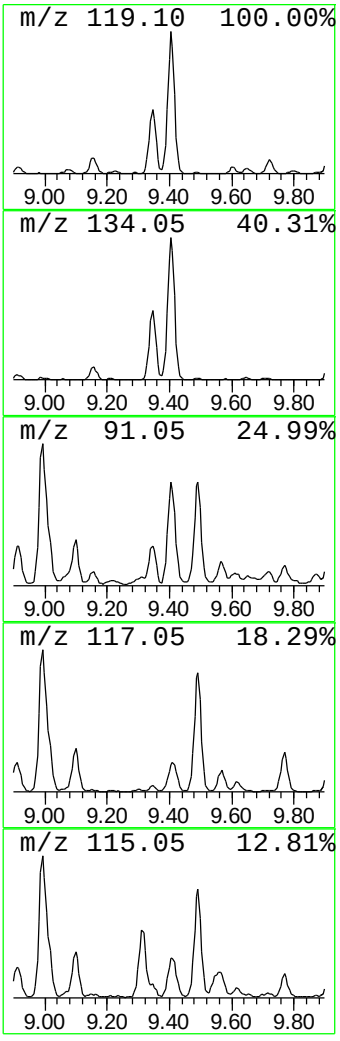
****

Peak Number 10 Benzene, 1-methyl-2-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	22.55 ng/ul	871768	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

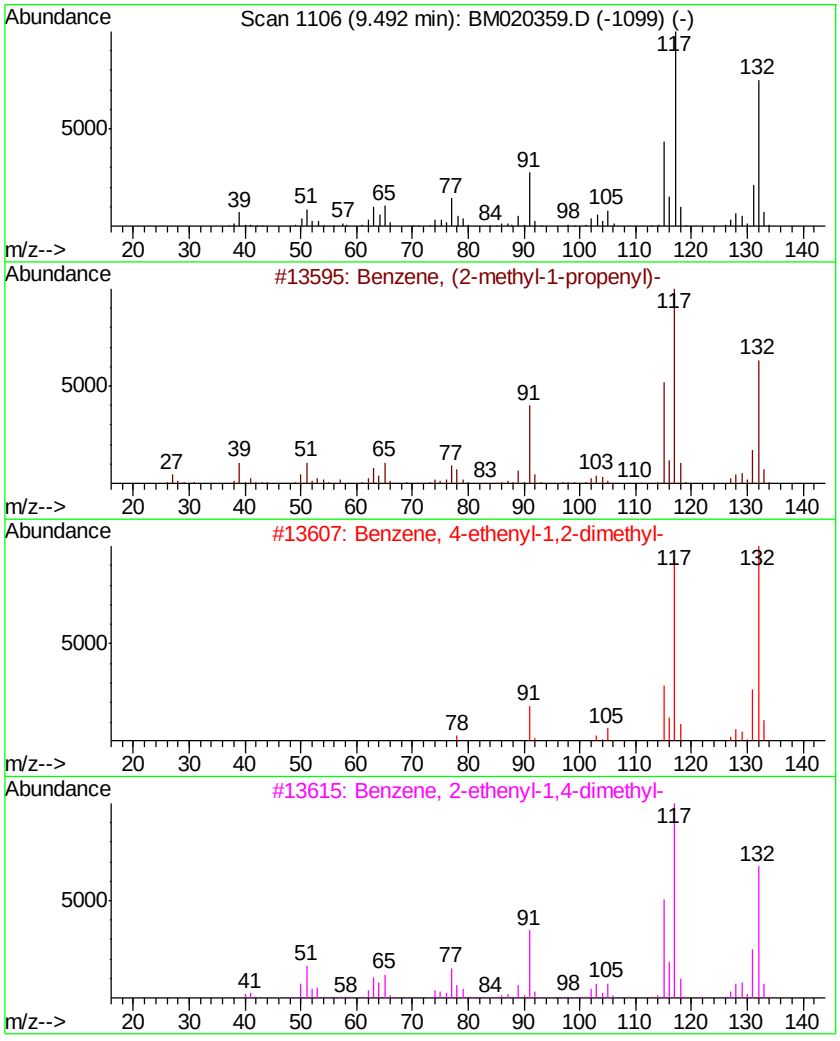
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

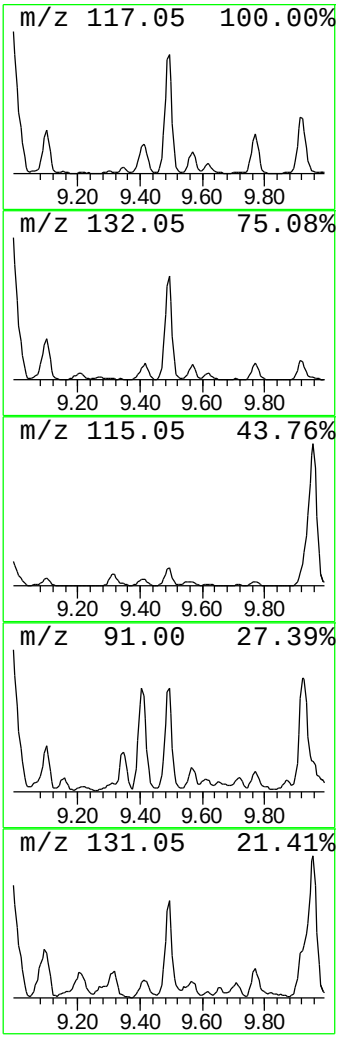
****

Peak Number 11 Benzene, (2-methyl-1-propen... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	22.63 ng/ul	874929	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
4	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	94
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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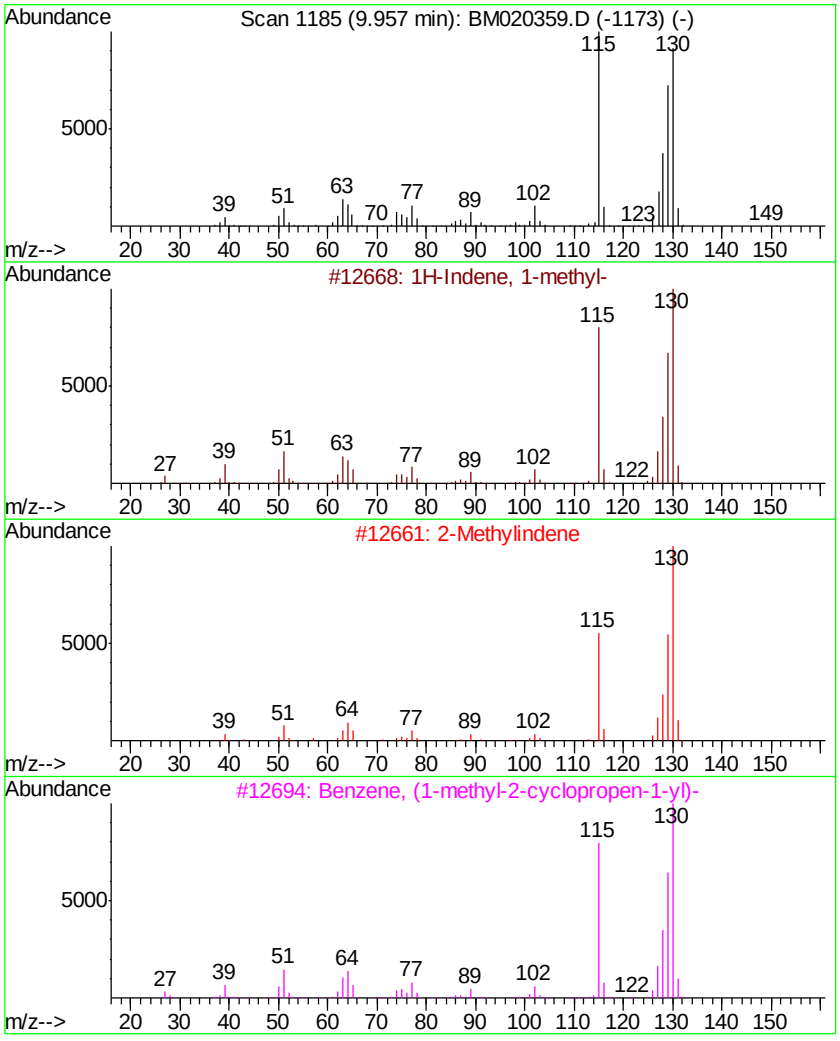
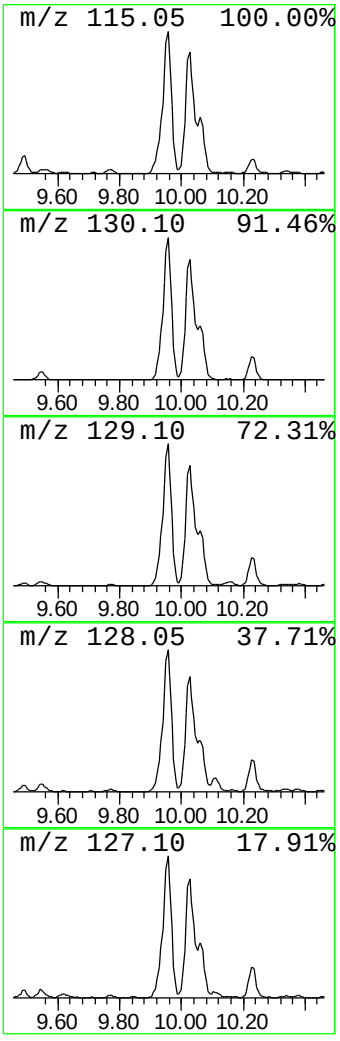
Peak Number 12 1H-Indene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	131.64 ng/ul	5089170	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	2-Methylindene	130	C10H10	002177-47-1	93
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

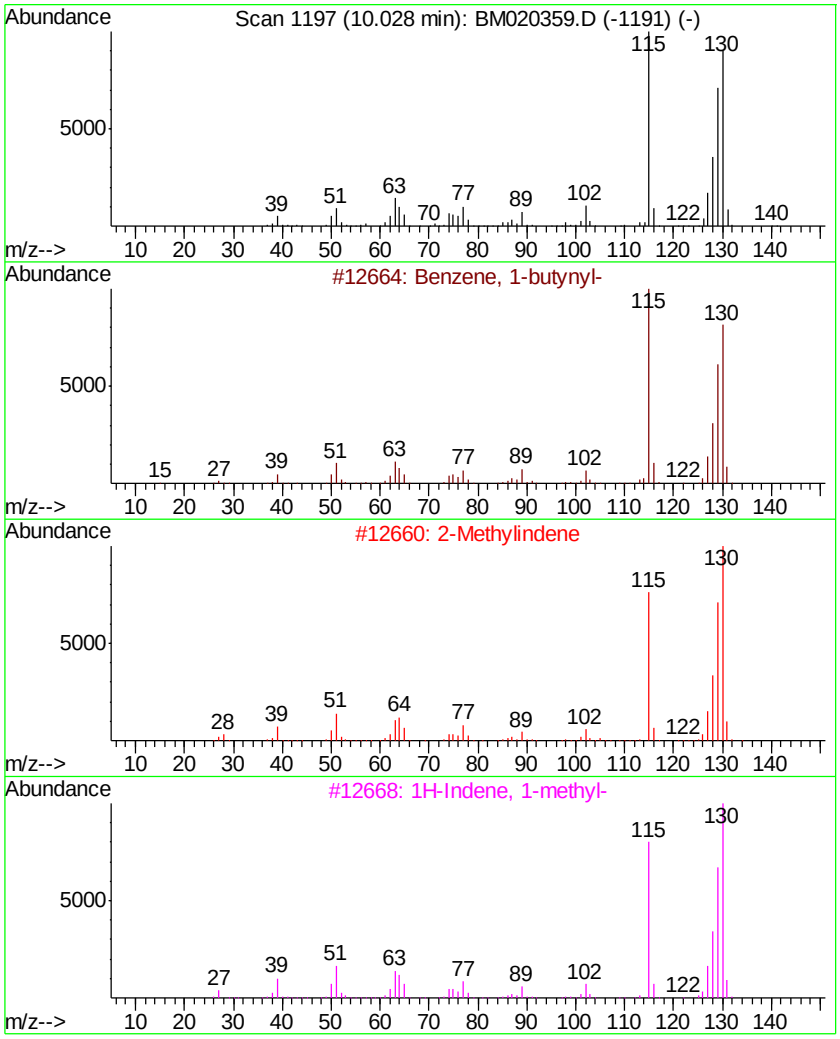
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

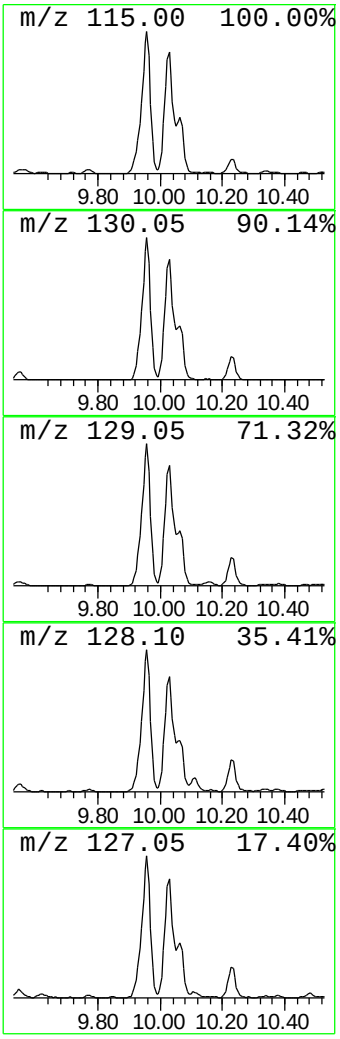
****

Peak Number 13 Benzene, 1-butynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	85.06 ng/ul	3288510	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	2-Methylindene	130	C10H10	002177-47-1	95
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

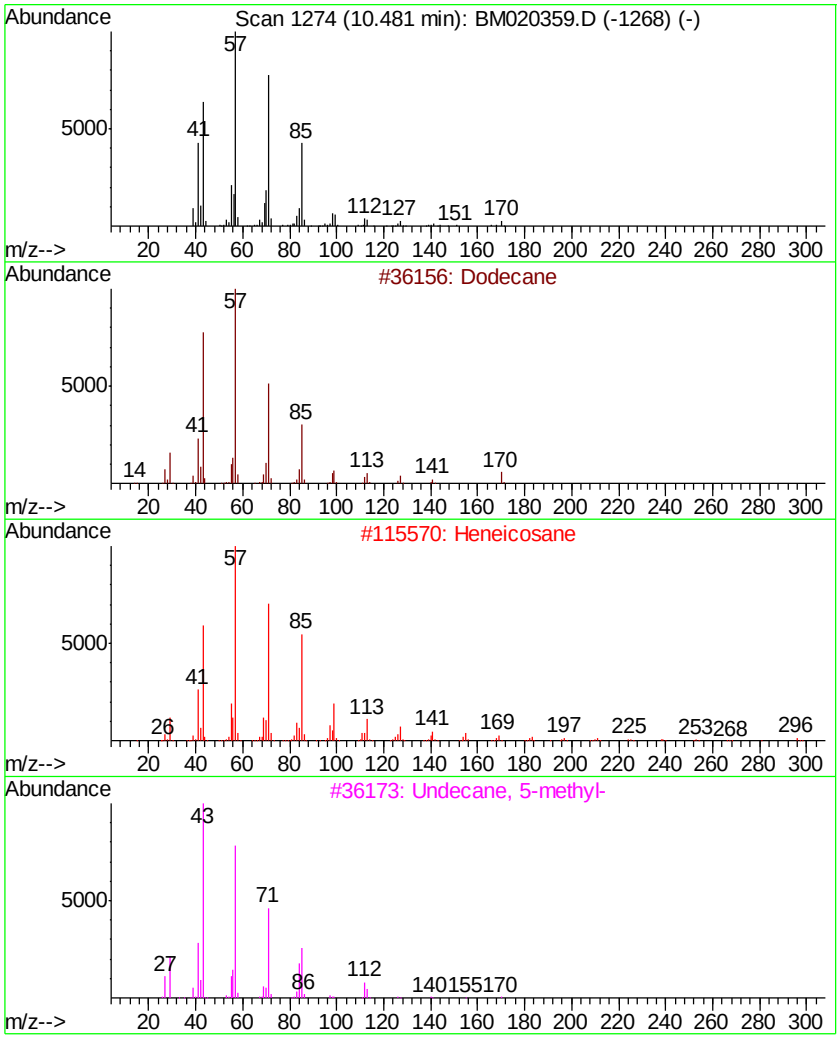
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

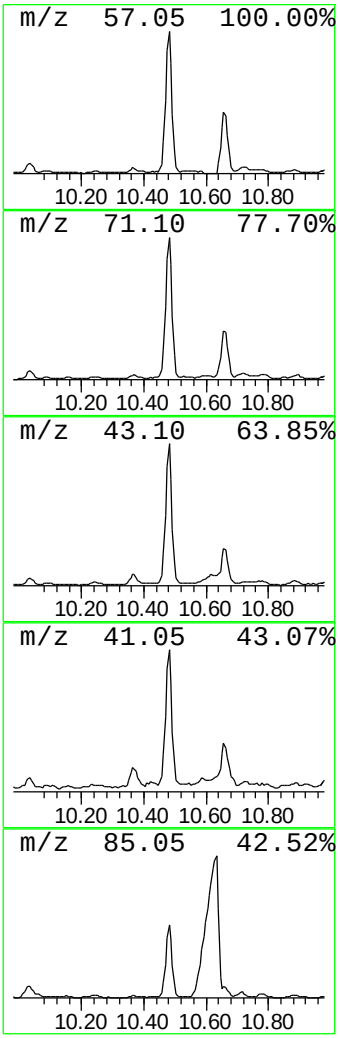
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	20.00 ng/ul	773223	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Heneicosane	296	C21H44	000629-94-7	83
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	53





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

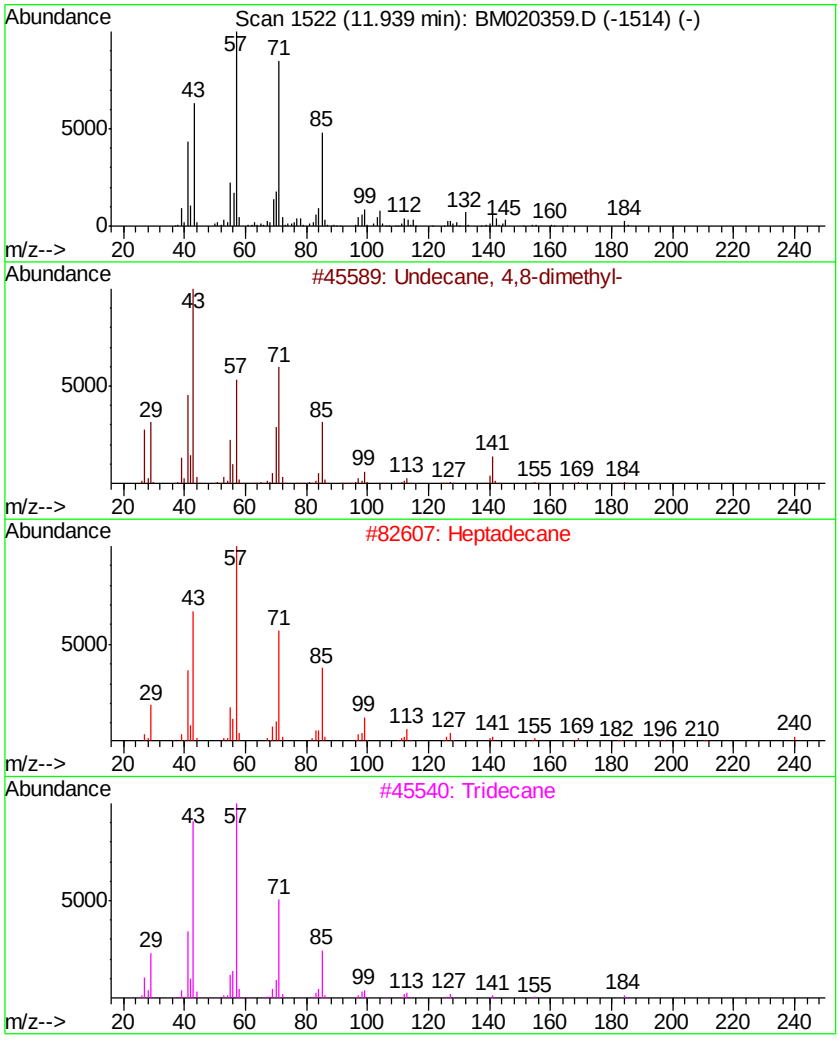
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

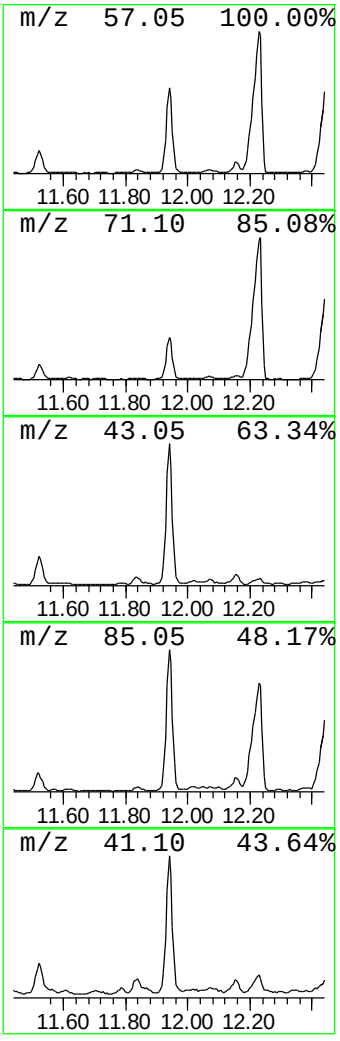
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	43.38 ng/ul	1676980	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	86
2	Heptadecane	240	C17H36	000629-78-7	78
3	Tridecane	184	C13H28	000629-50-5	72
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
5	Pentacosane	352	C25H52	000629-99-2	72





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Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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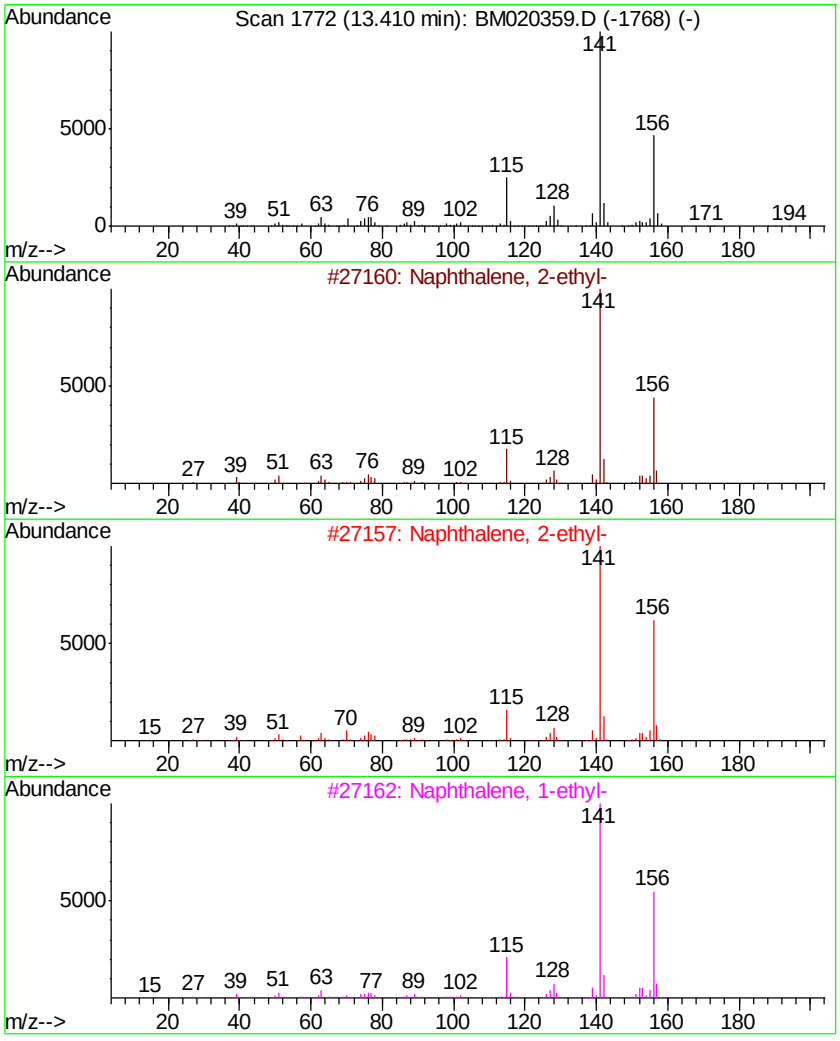
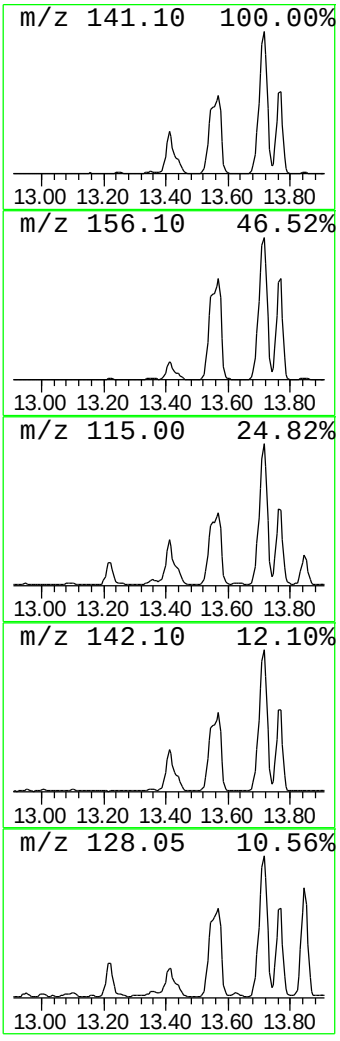
Peak Number 17 Naphthalene, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	14.62 ng/ul	2774980	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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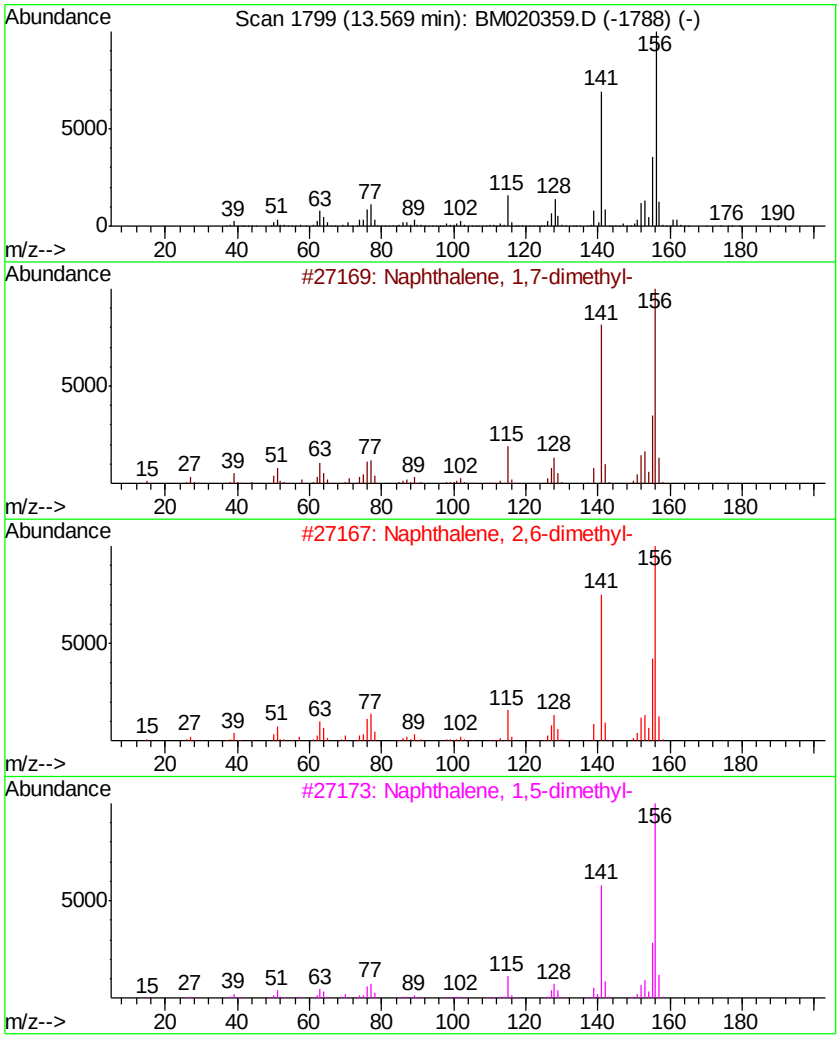
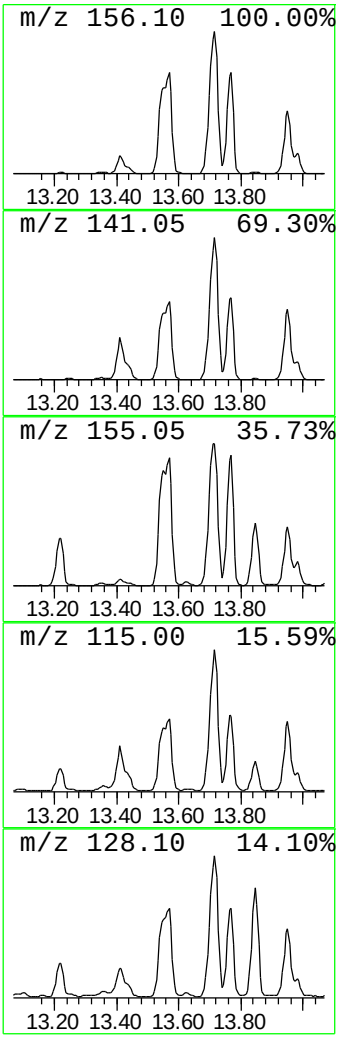
Peak Number 18 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	59.65 ng/ul	11319100	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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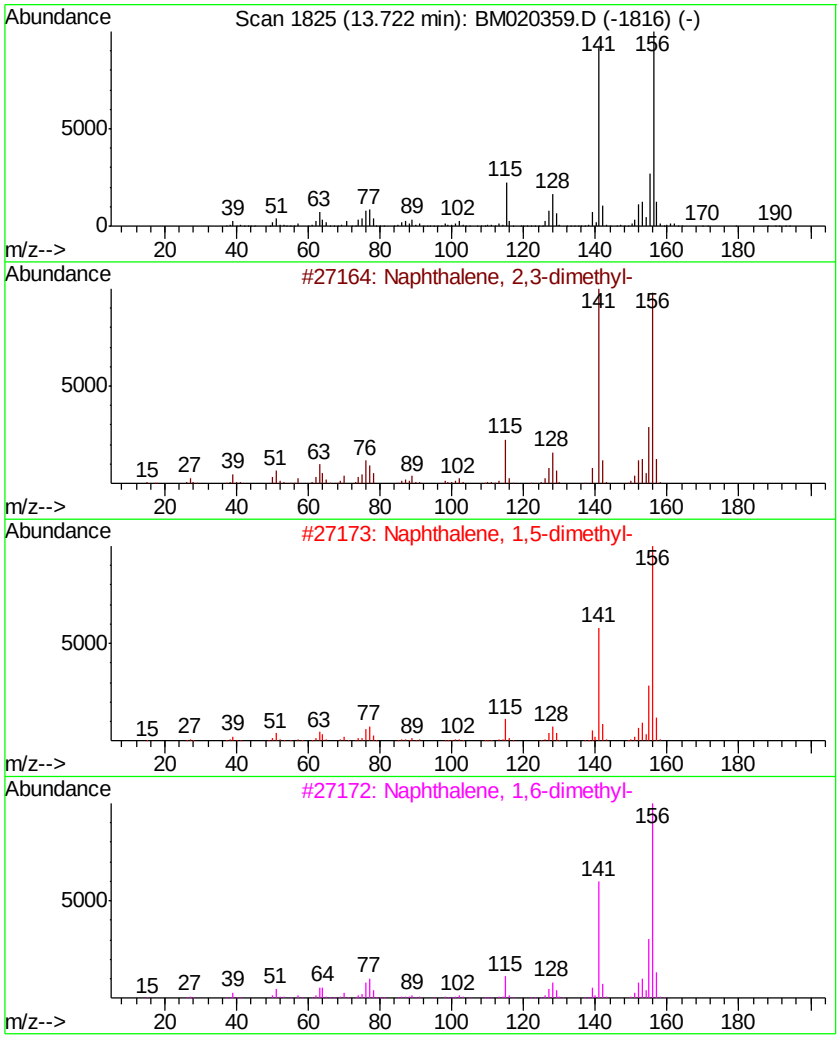
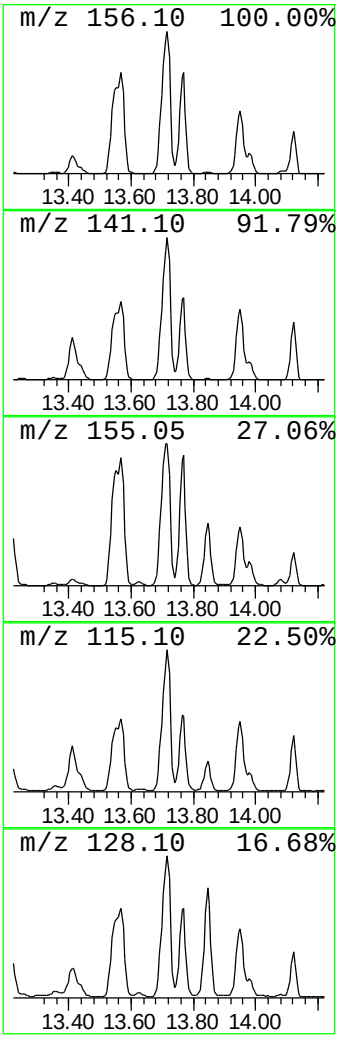
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	64.47 ng/ul	12235000	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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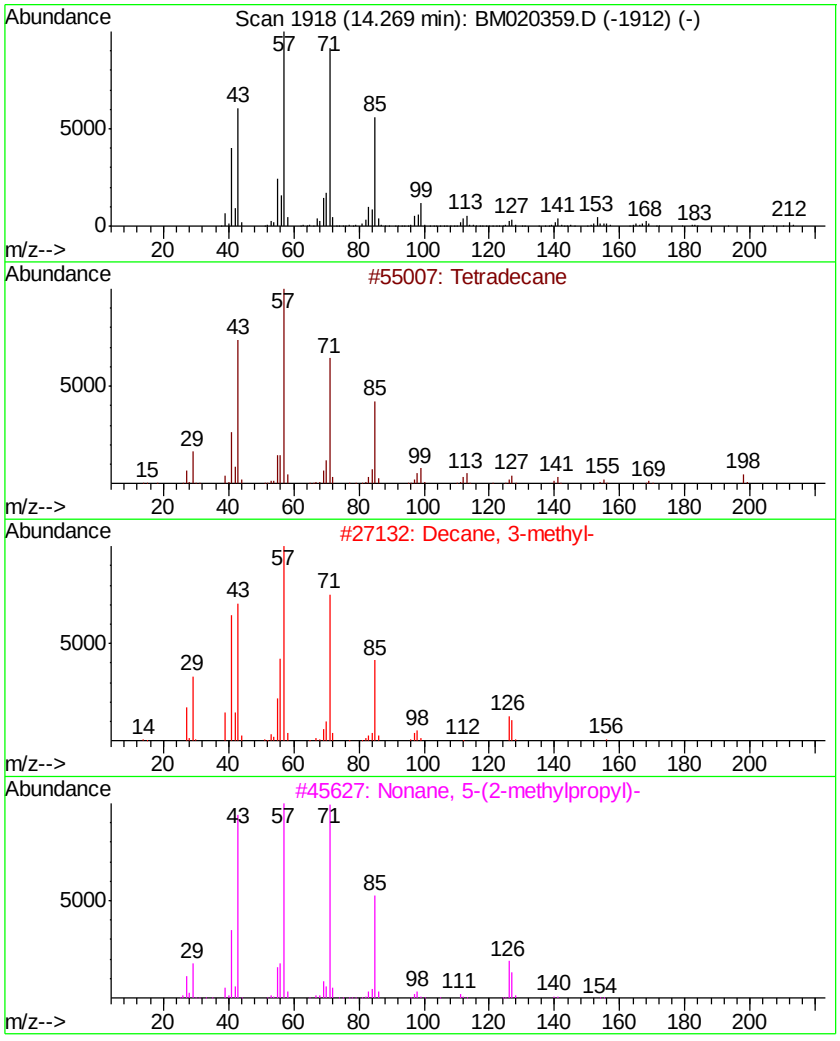
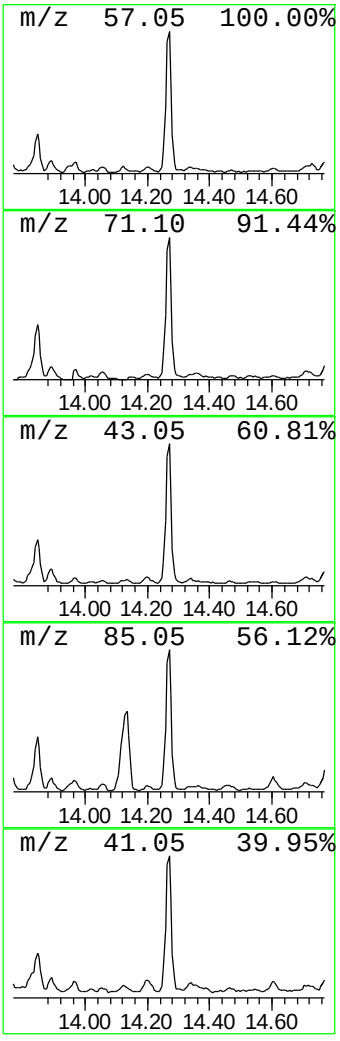
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	8.16 ng/ul	1548850	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Decane, 3-methyl-	156	C11H24	013151-34-3	72
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
4	Pentadecane	212	C15H32	000629-62-9	60
5	Undecane	156	C11H24	001120-21-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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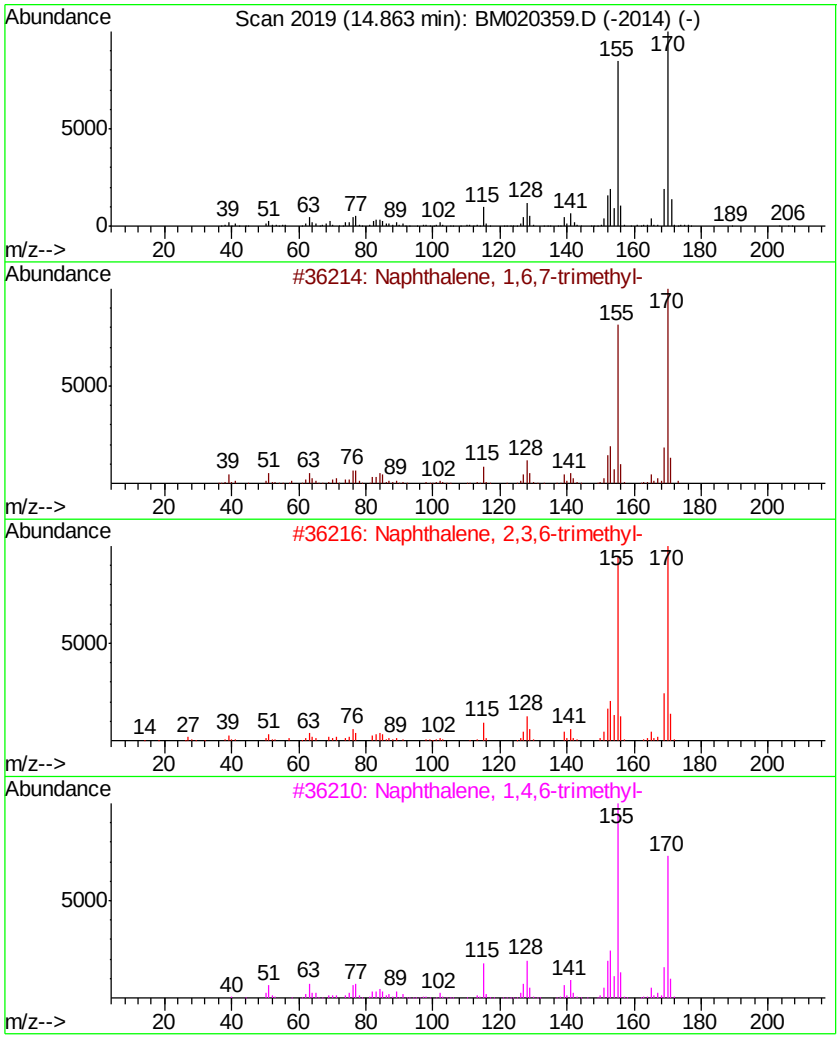
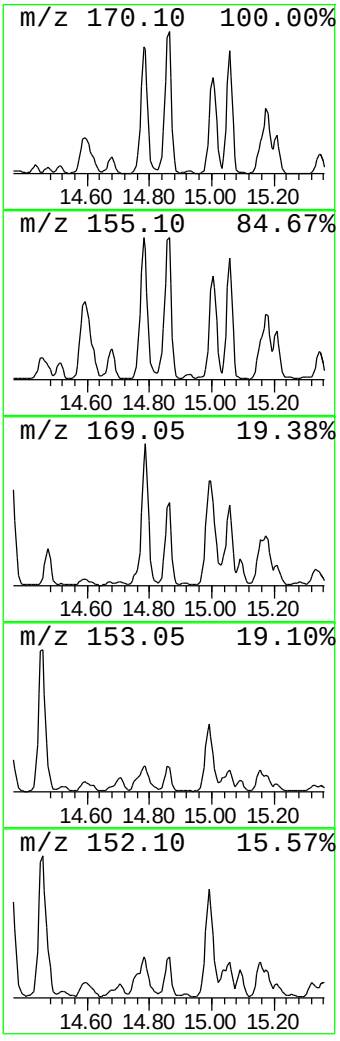
Peak Number 22 Naphthalene, 1,6,7-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	9.32 ng/ul	1767870	Acenaphthene-d10	14.39

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





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Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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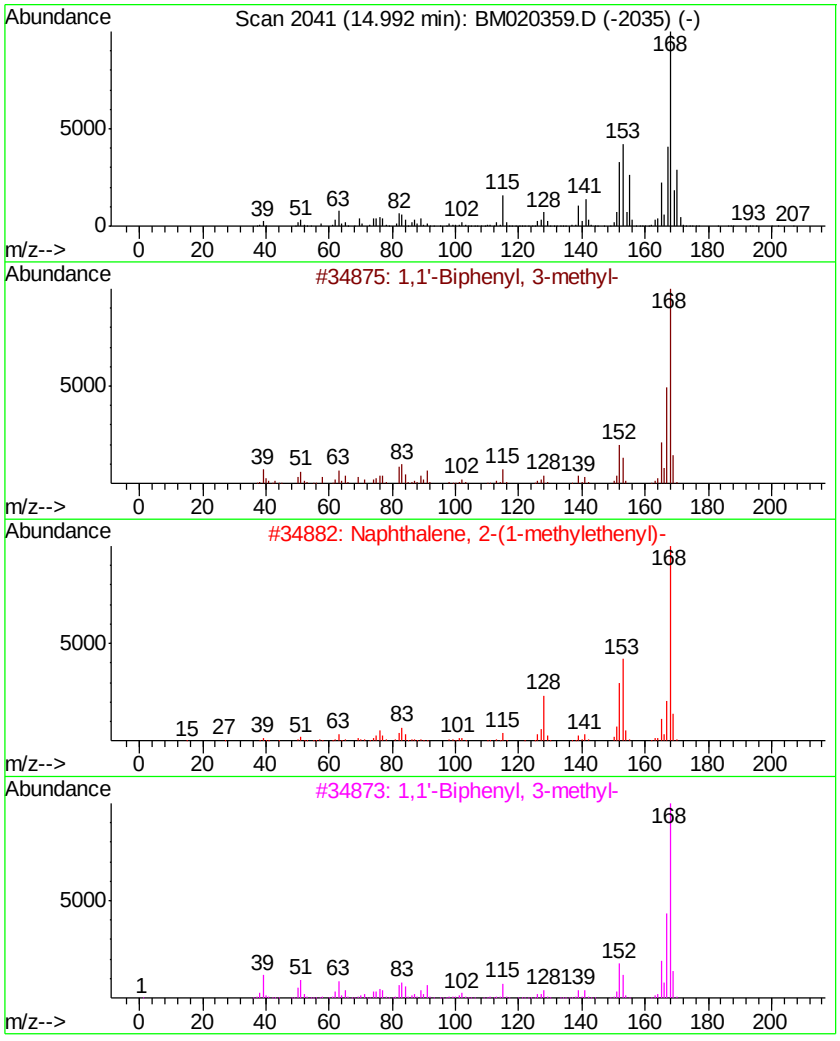
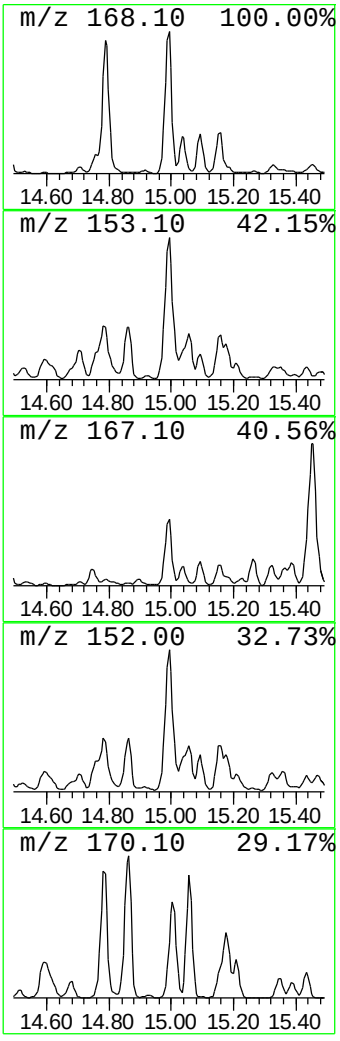
Peak Number 23 1,1'-Biphenyl, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	22.23 ng/ul	4218010	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	52
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43





Library Search Compound Report

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Data File : BM020359.D
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Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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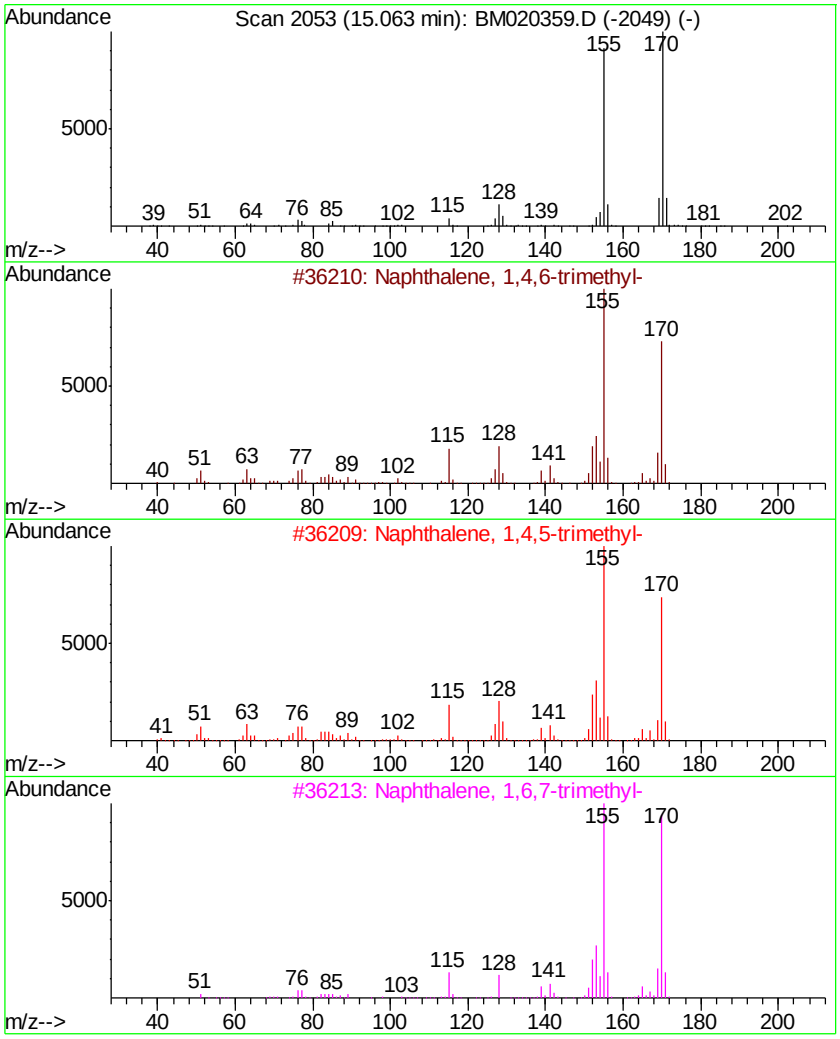
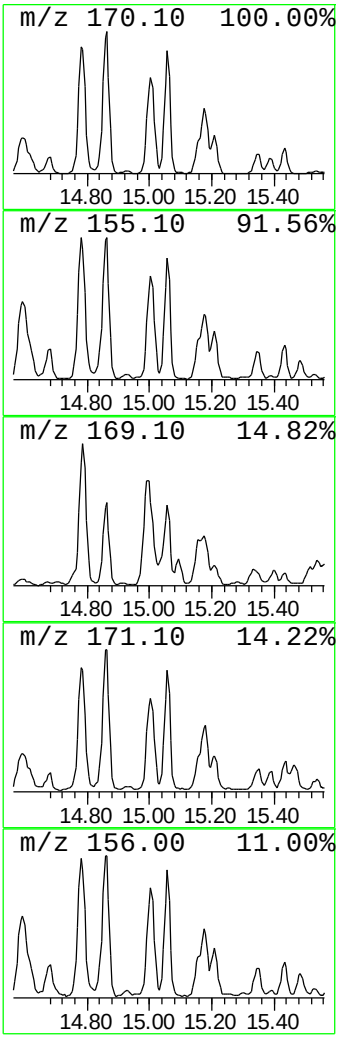
Peak Number 24 Naphthalene, 1,4,6-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	6.02 ng/ul	1142530	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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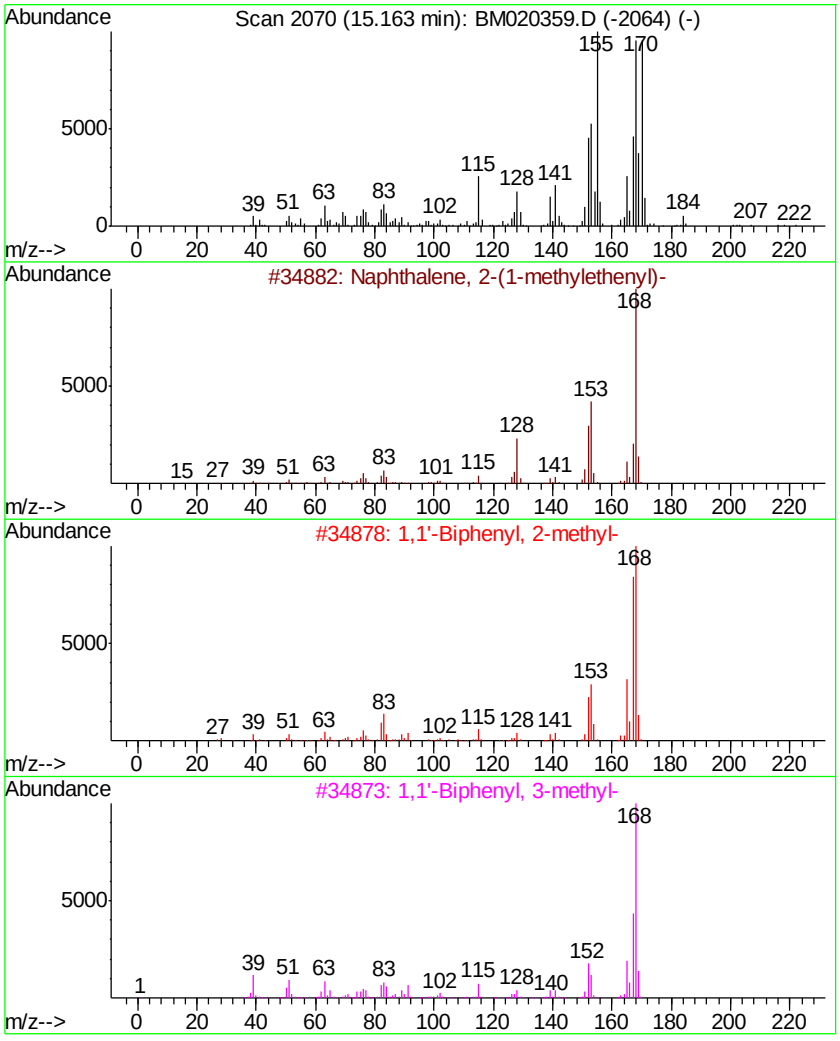
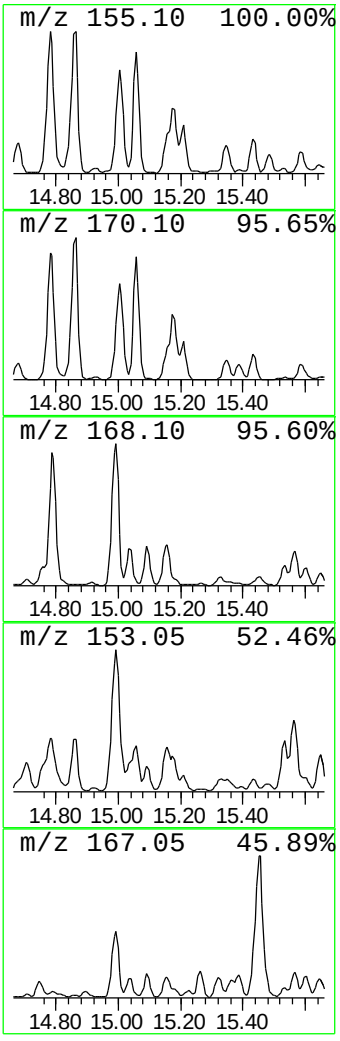
Peak Number 25 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	6.99 ng/ul	1327360	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	41
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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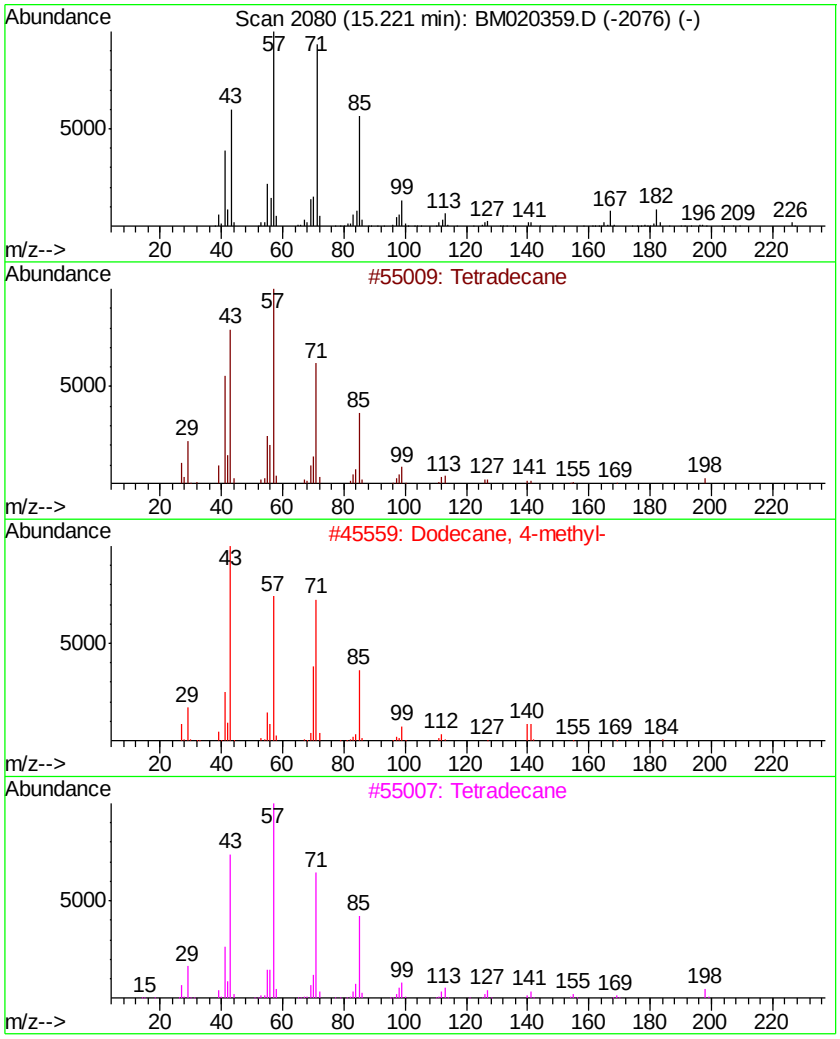
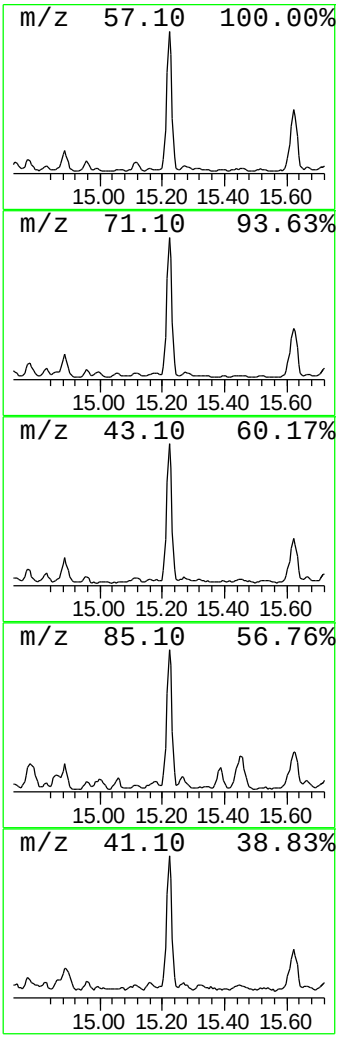
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	6.20 ng/ul	1177350	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	78
3	Tetradecane	198	C14H30	000629-59-4	78
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
5	Decane, 5-propyl-	184	C13H28	017312-62-8	72





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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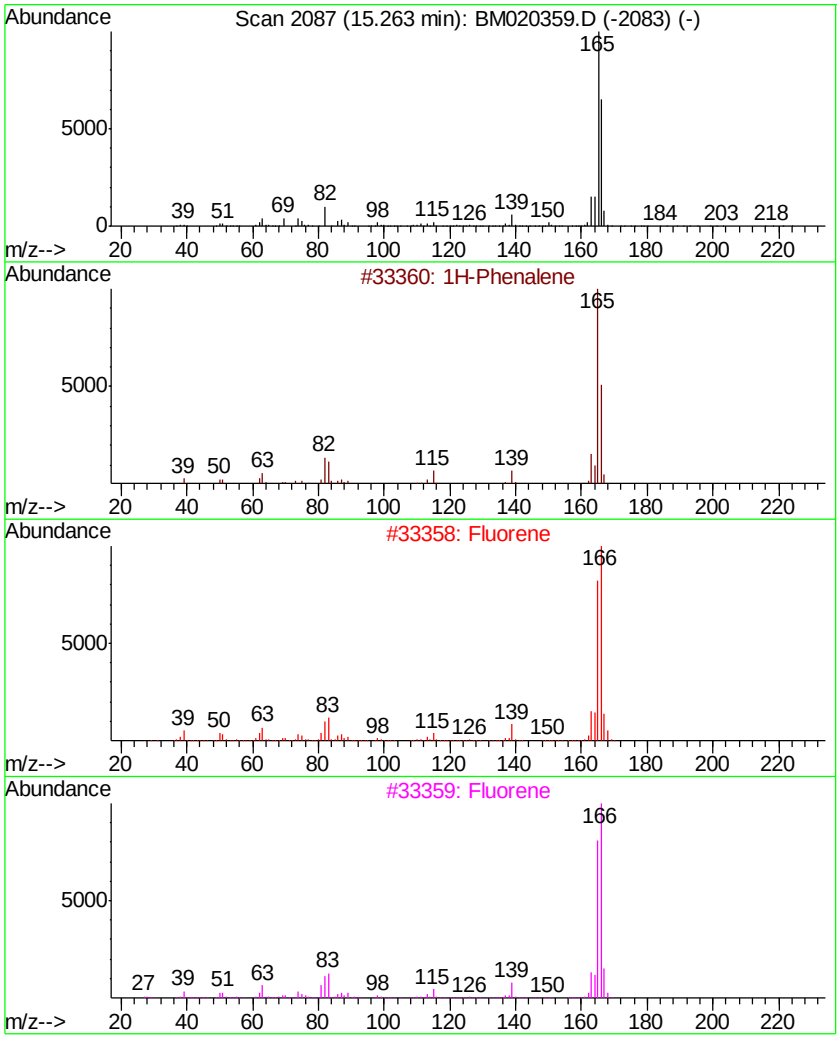
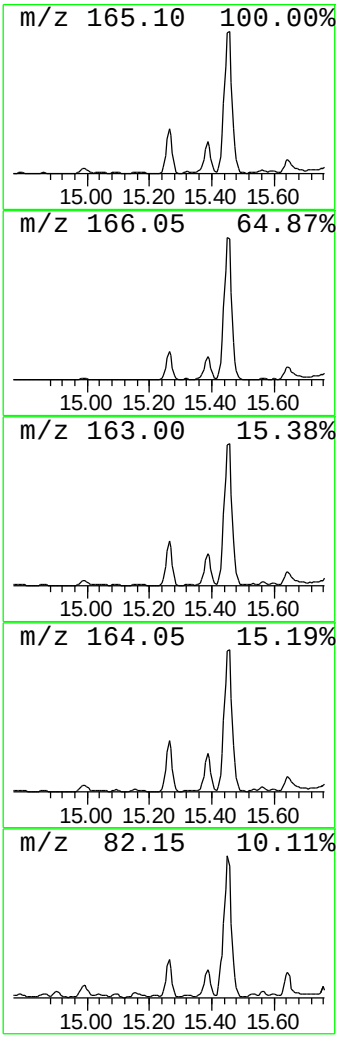
Peak Number 27 1H-Phenalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	17.25 ng/ul	3274120	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	Fluorene	166	C13H10	000086-73-7	76
3	Fluorene	166	C13H10	000086-73-7	52
4	Fluorene	166	C13H10	000086-73-7	50
5	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42





Library Search Compound Report

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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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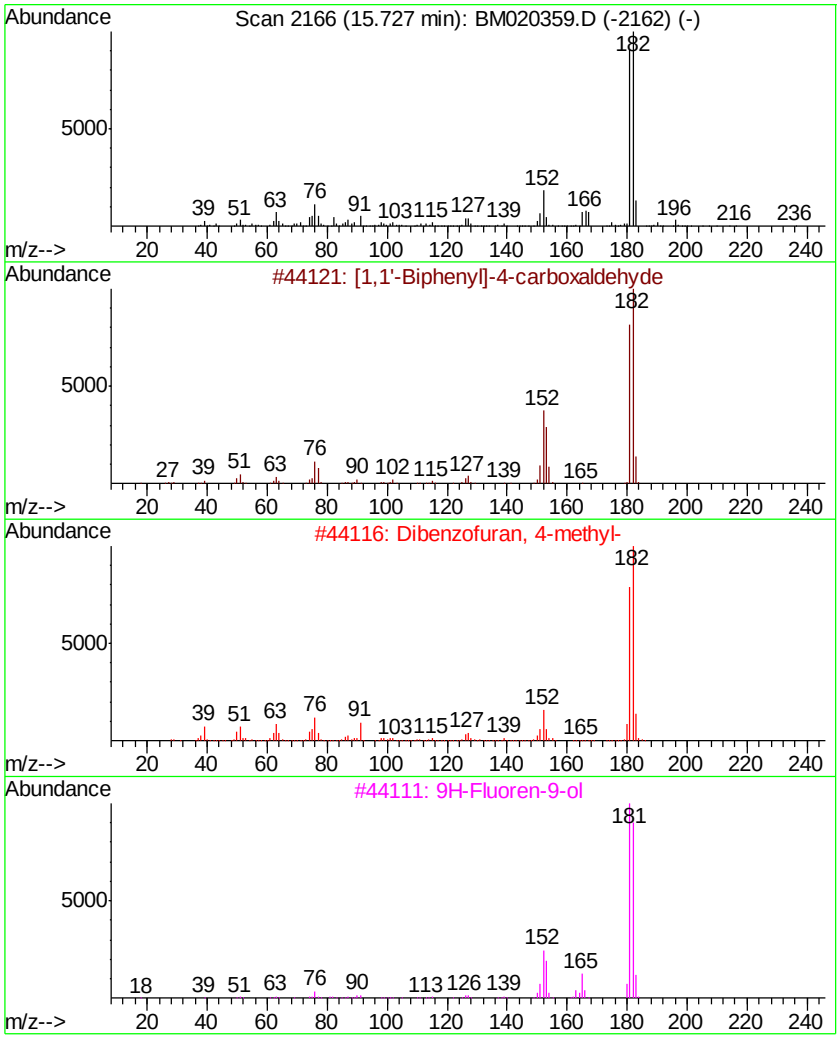
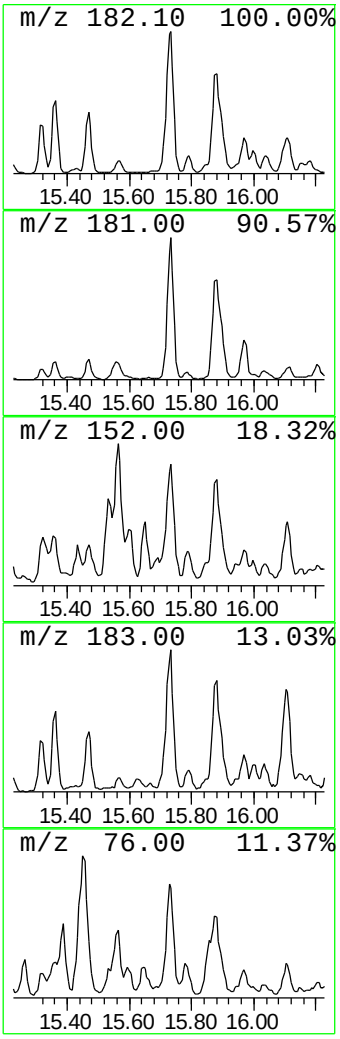
Peak Number 29 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	8.77 ng/ul	1664420	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	56





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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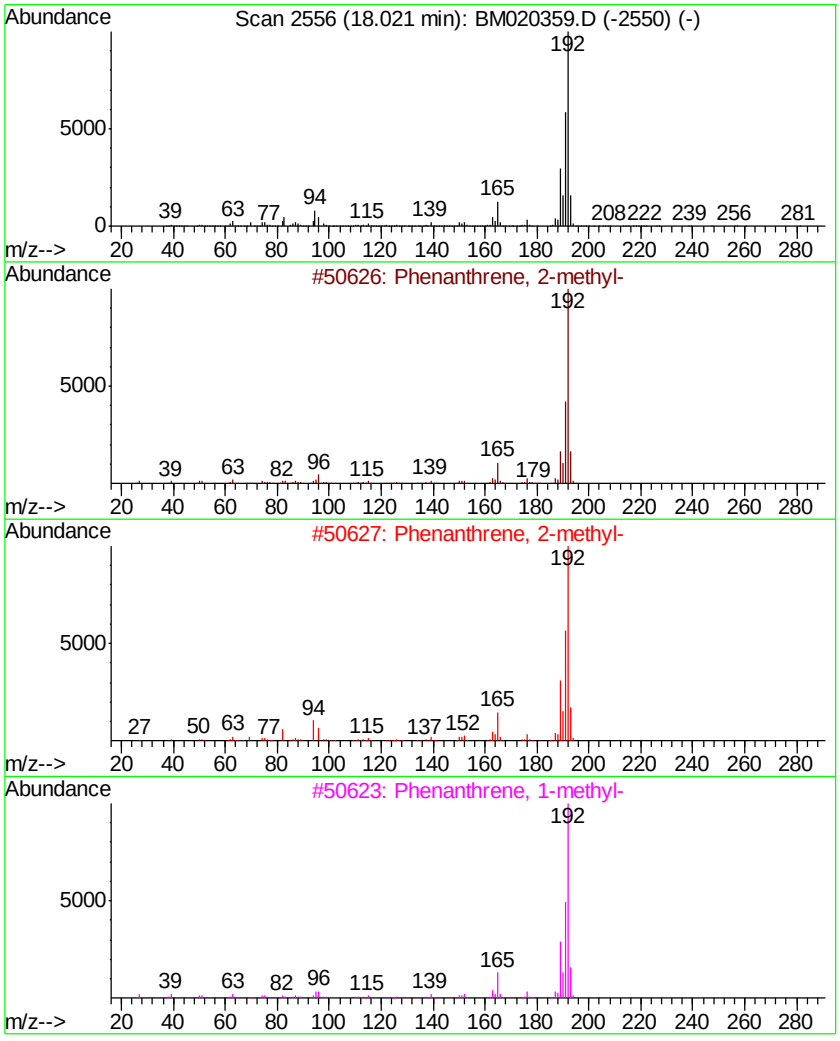
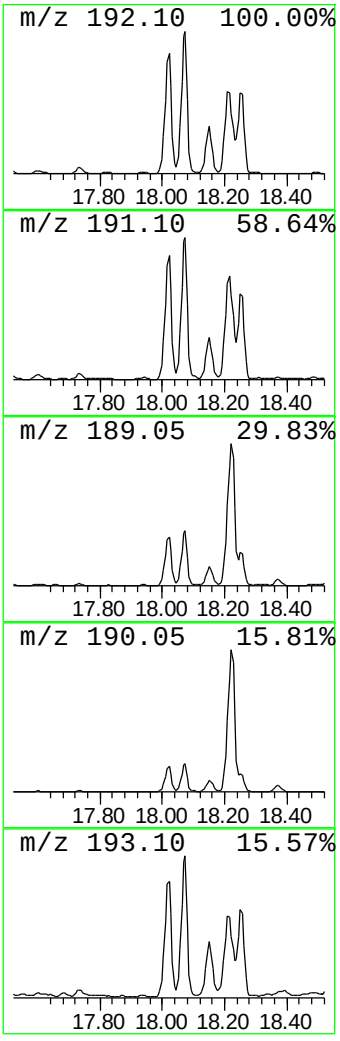
Peak Number 31 Phenanthrene, 2-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.45 ng/ul	8660850	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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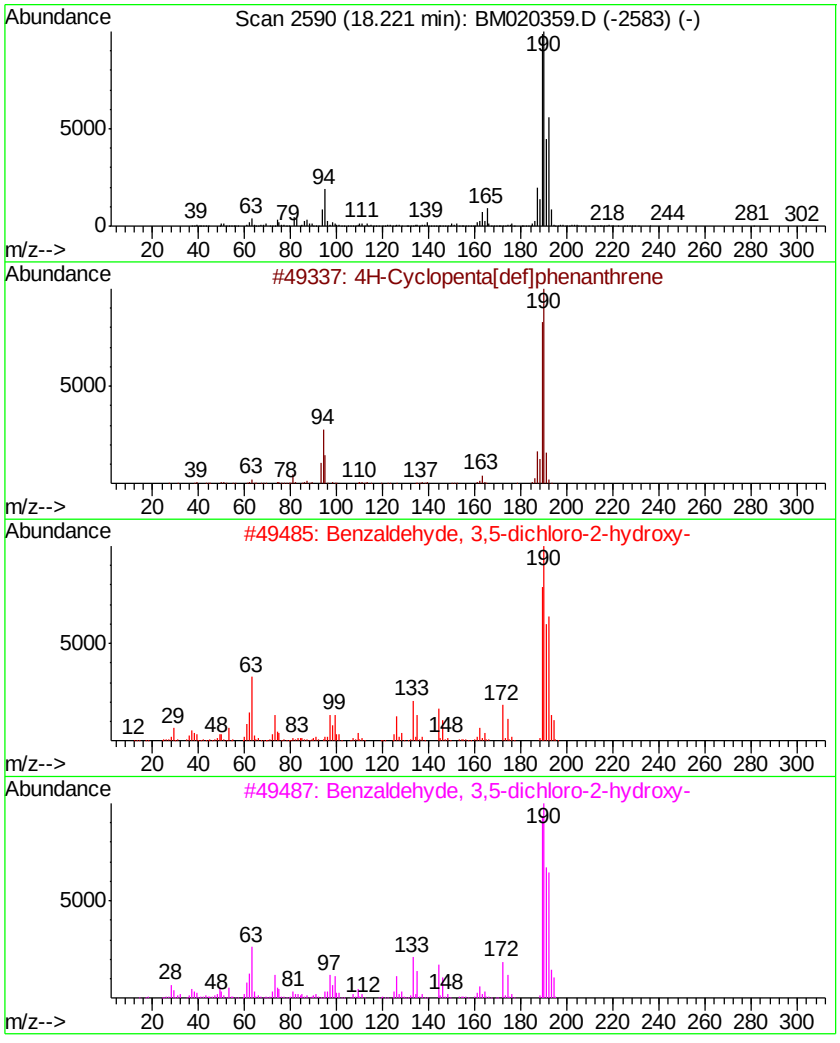
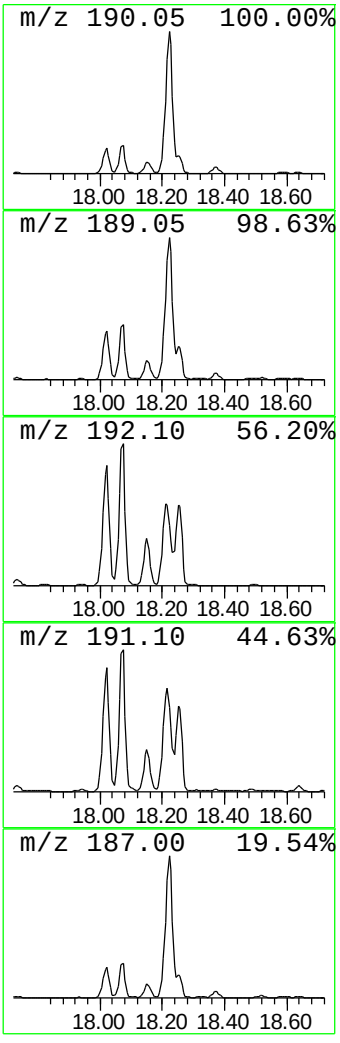
Peak Number 33 4H-Cyclopenta[def]phenanthrene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	5.62 ng/ul	14093000	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49





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Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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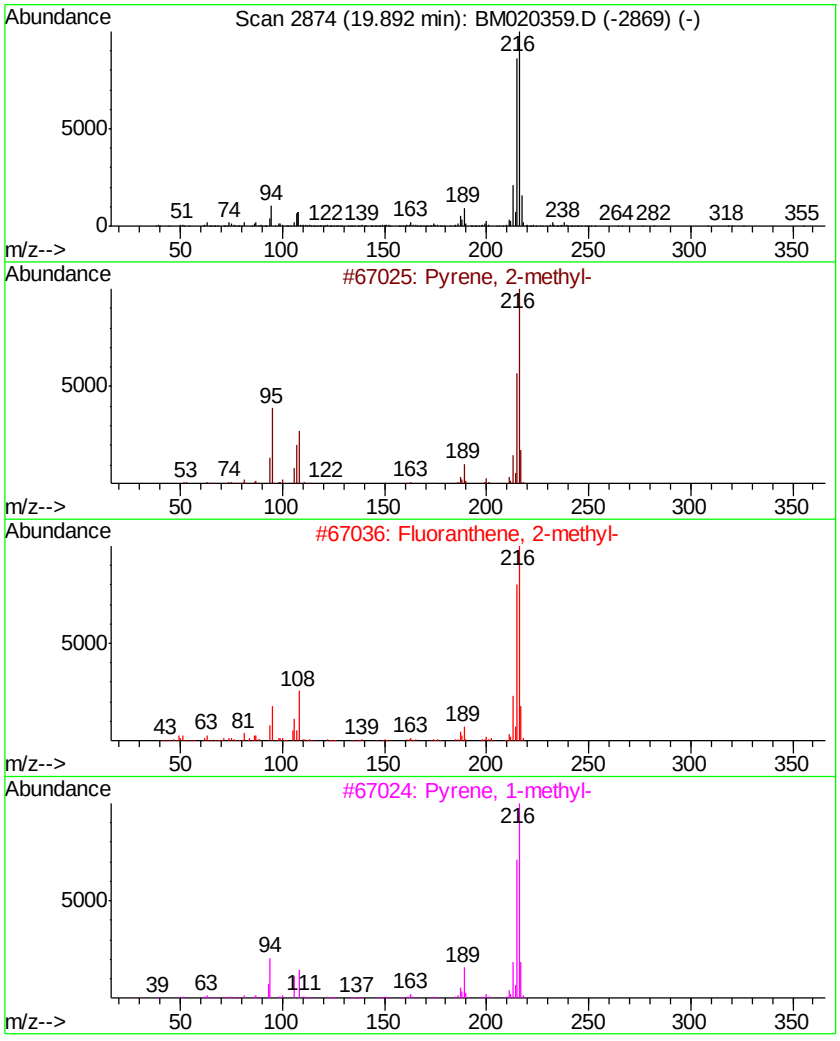
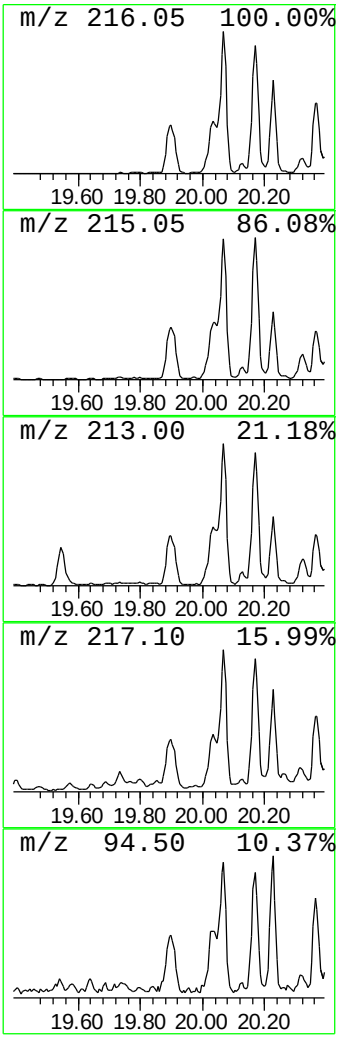
Peak Number 35 Pyrene, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	4.49 ng/ul	2995280	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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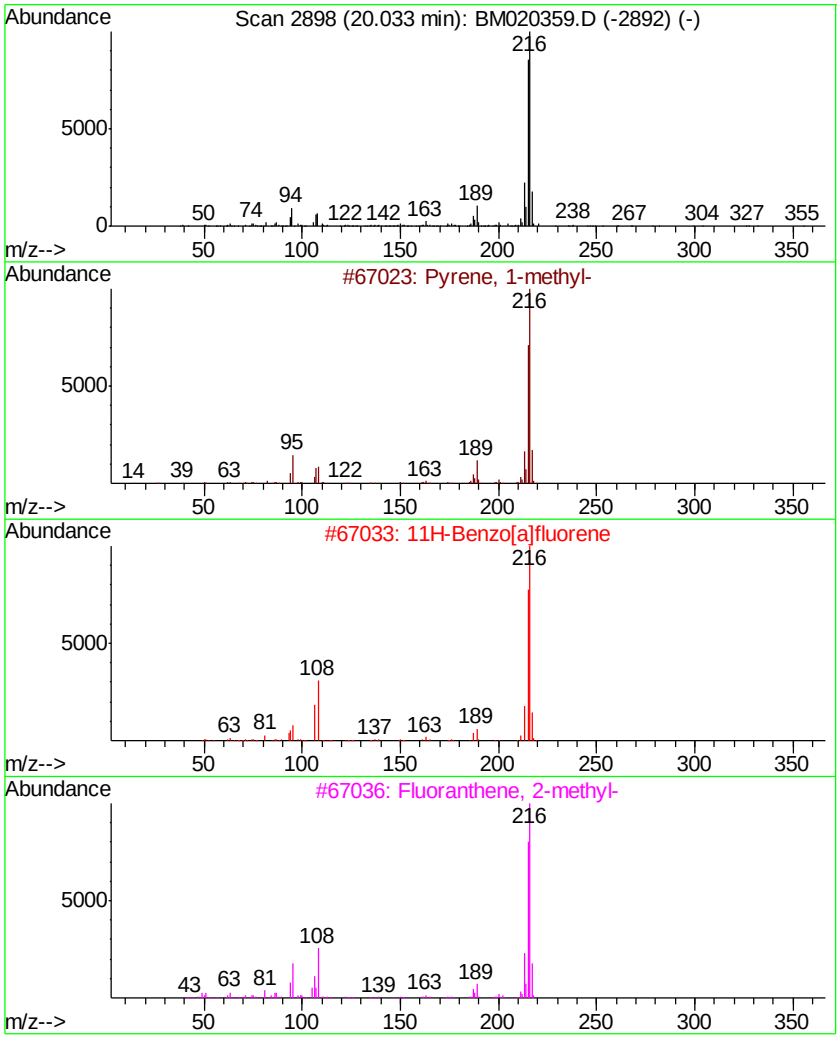
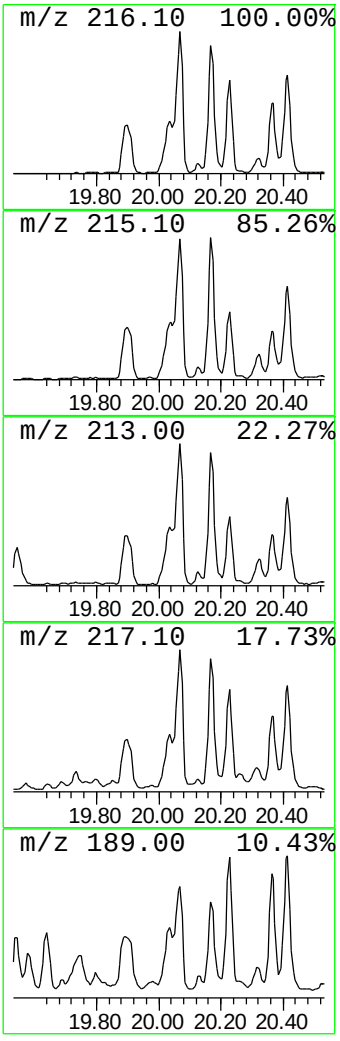
Peak Number 36 Pyrene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	3.62 ng/ul	2415630	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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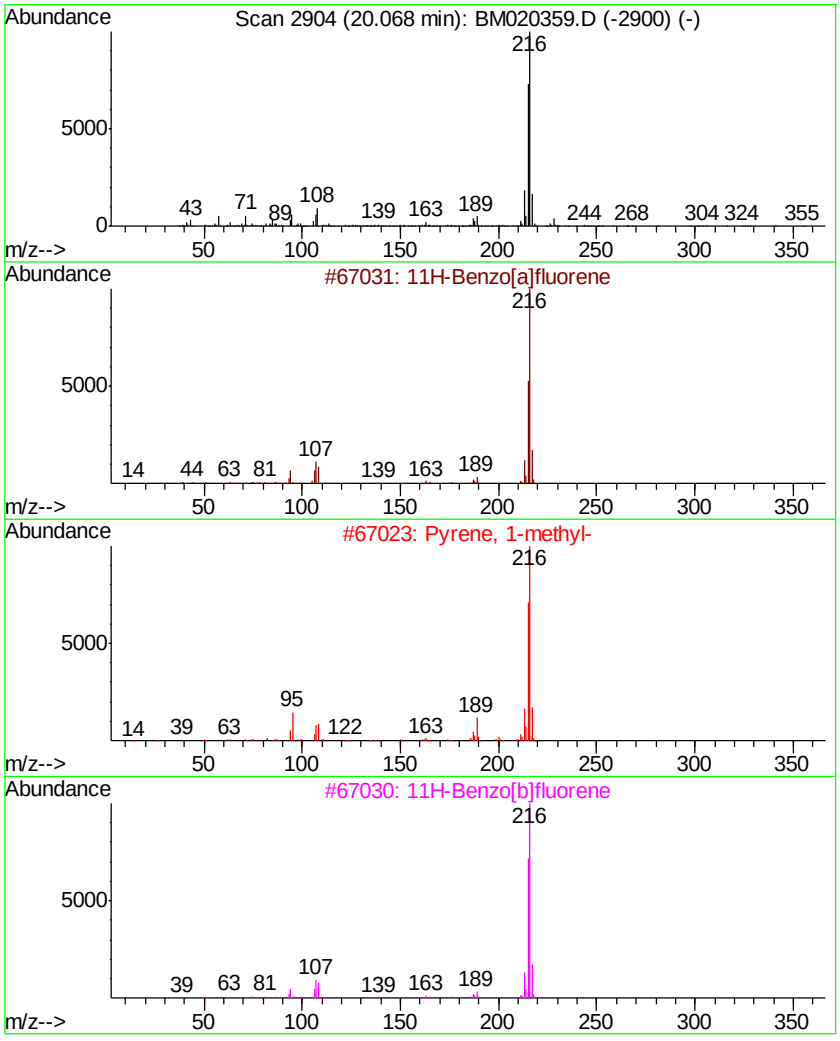
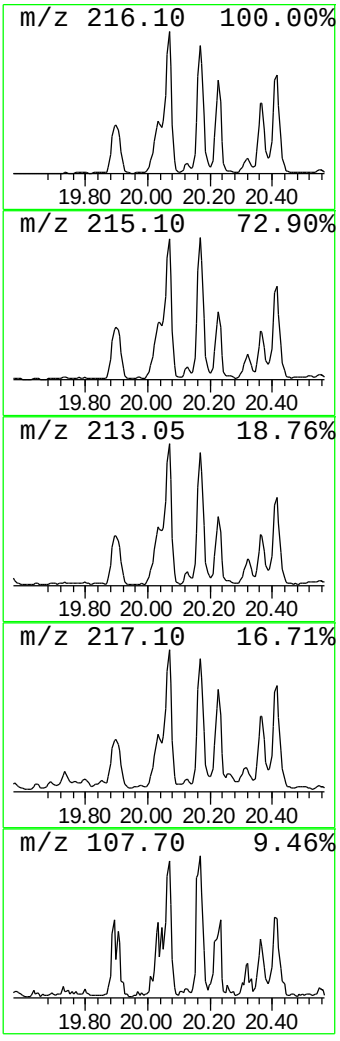
Peak Number 37 11H-Benzo[a]fluorene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	8.02 ng/ul	5347270	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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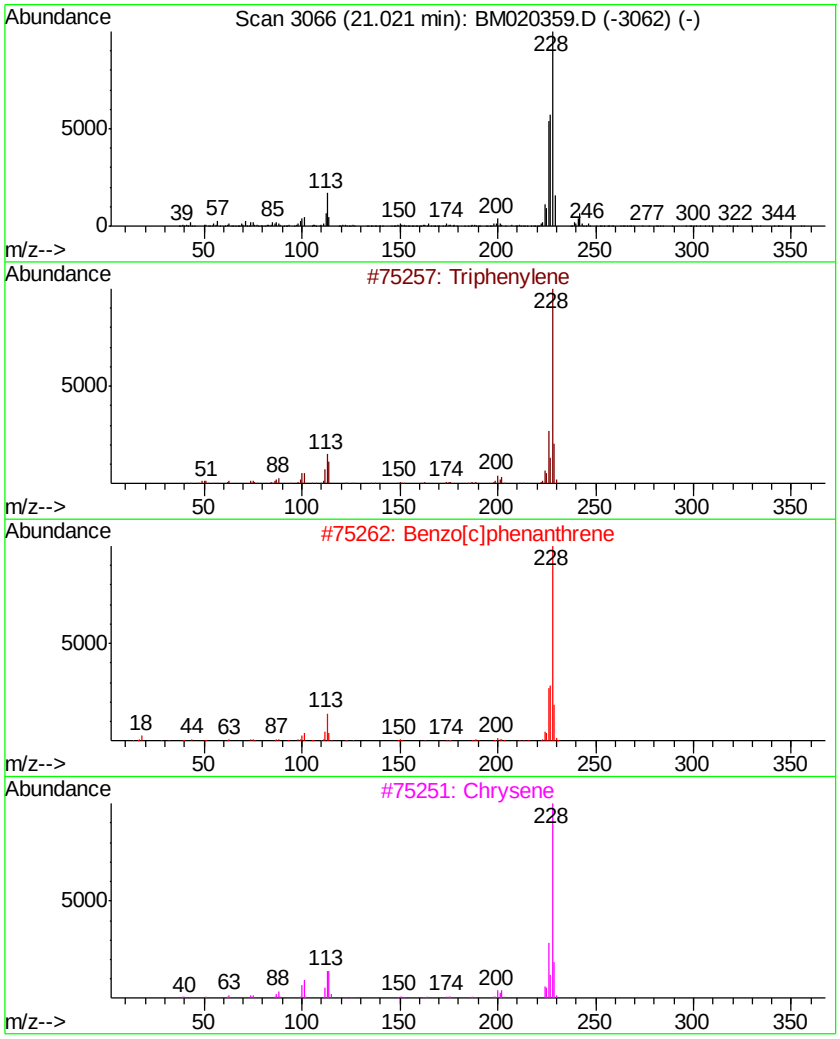
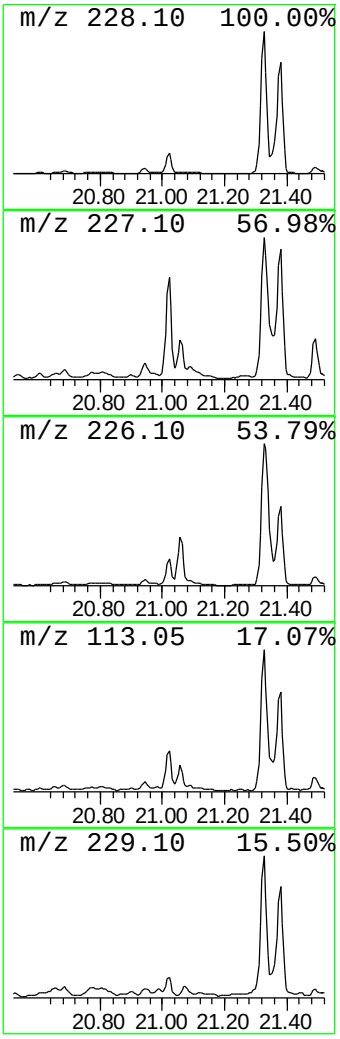
Peak Number 42 Triphenylene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.92 ng/ul	1943930	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene	228	C18H12	000217-59-4	55
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Chrysene	228	C18H12	000218-01-9	49
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
5	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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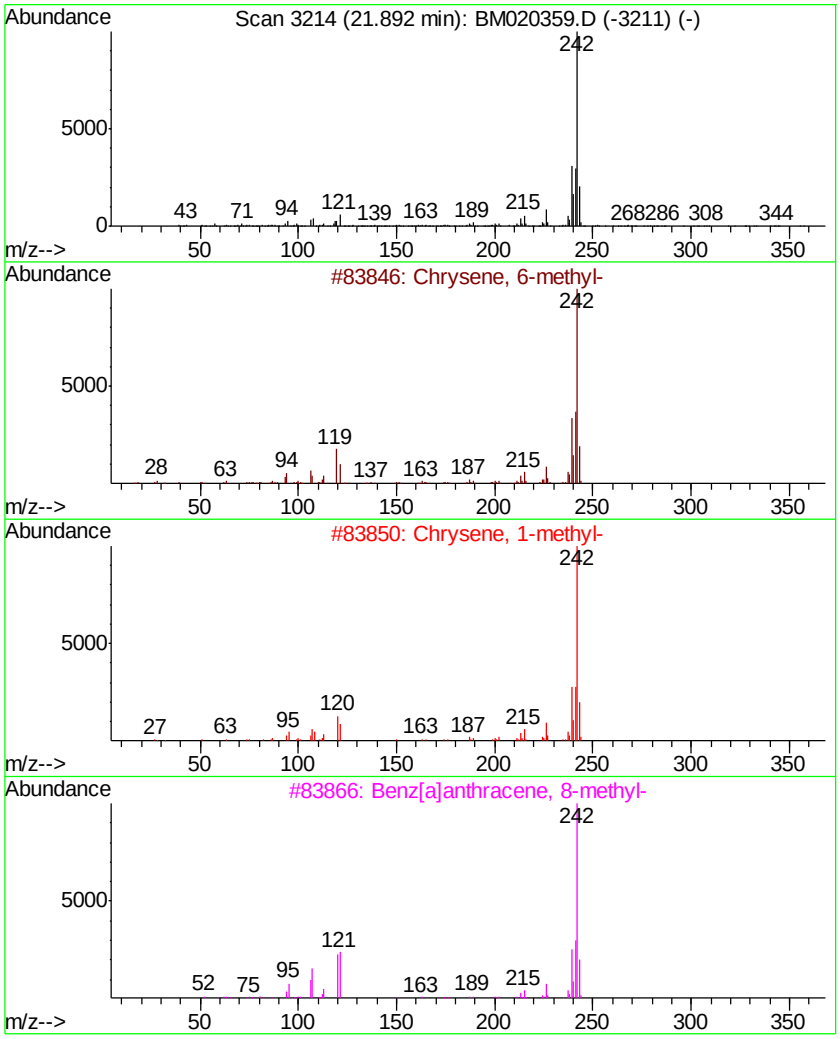
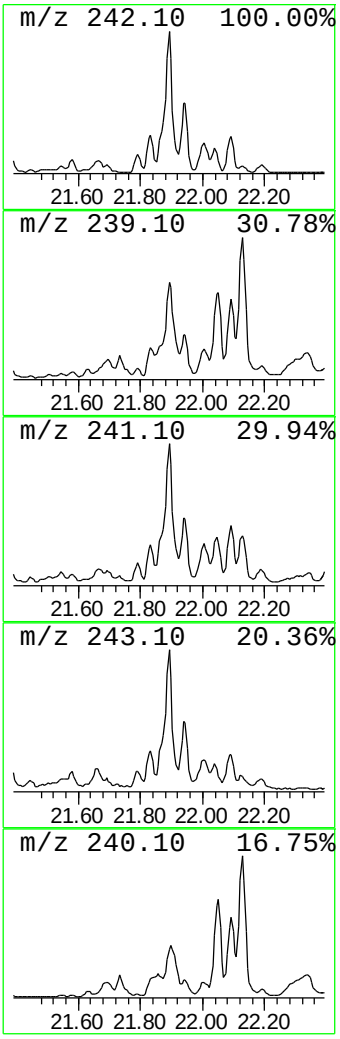
Peak Number 43 Chrysene, 6-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	4.04 ng/ul	2692310	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
4	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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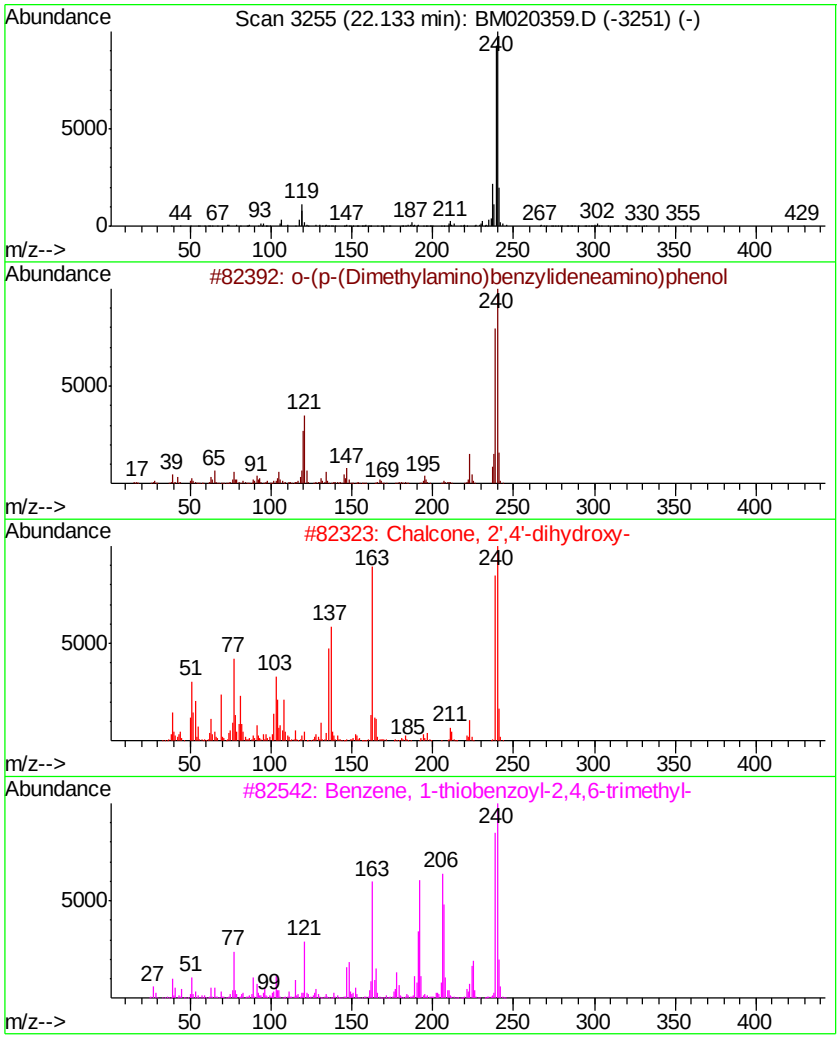
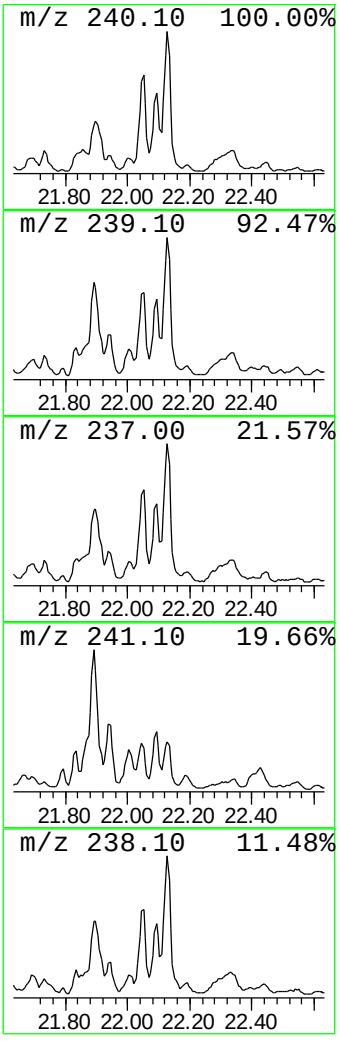
Peak Number 44 o-(p-(Dimethylamino)benzyli... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.35 ng/ul	1566920	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	64
2	Chalcone, 2',4'-dihydroxy-	240	C15H12O3	001776-30-3	58
3	Benzene, 1-thiobenzoyl-2,4,6-tri...	240	C16H16S	001143-29-9	50
4	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5	45
5	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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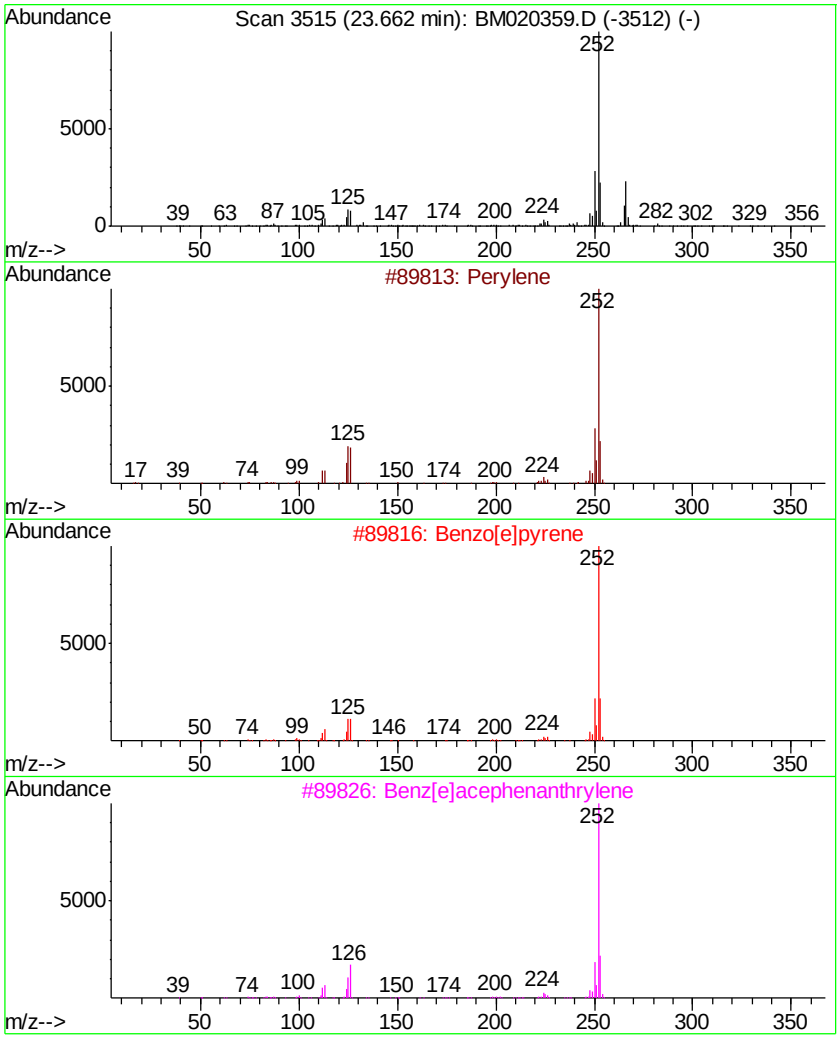
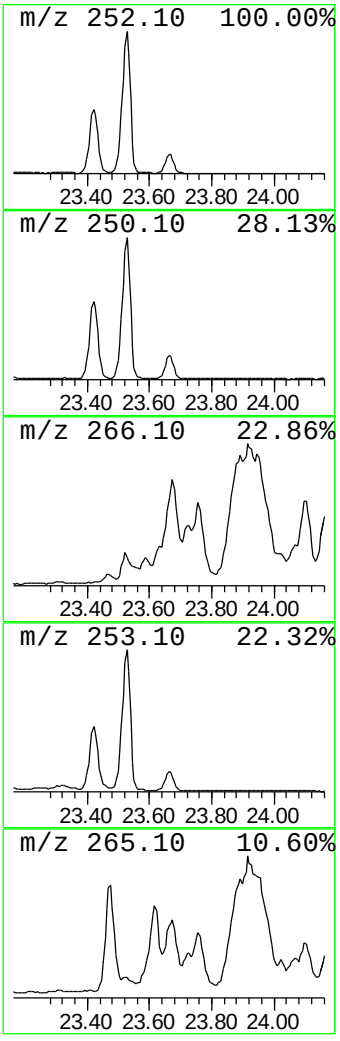
Peak Number 47 Perylene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	3.68 ng/ul	1287540	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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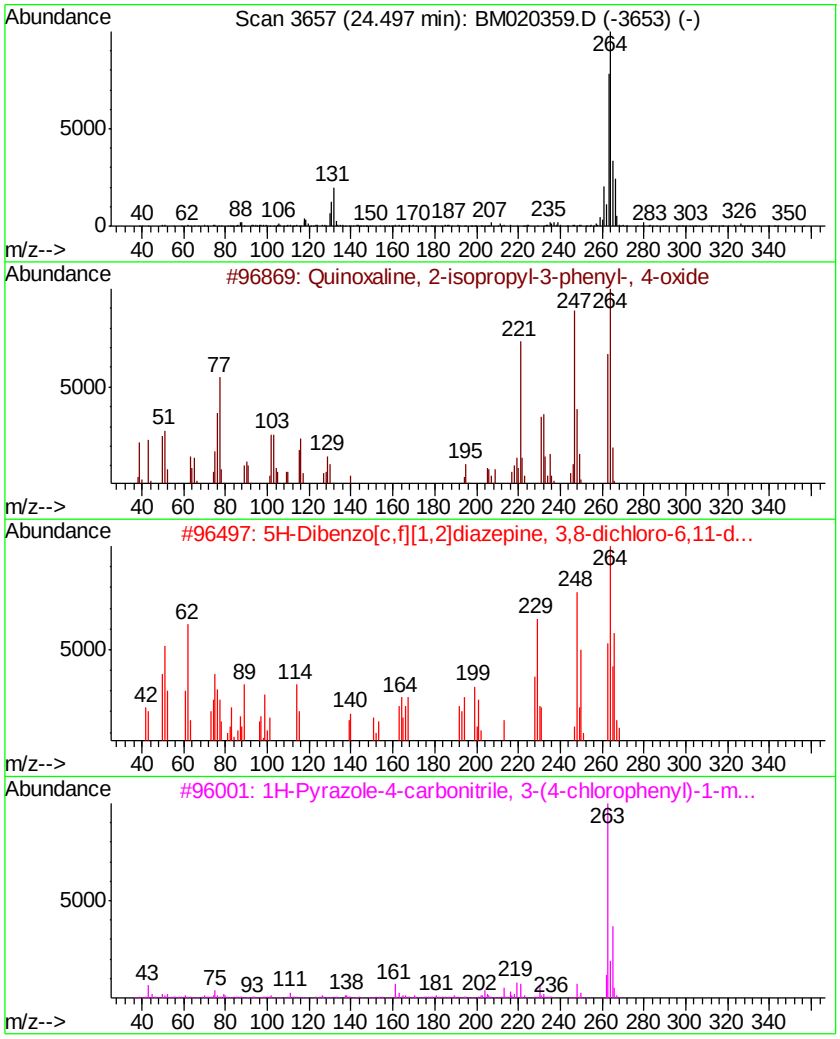
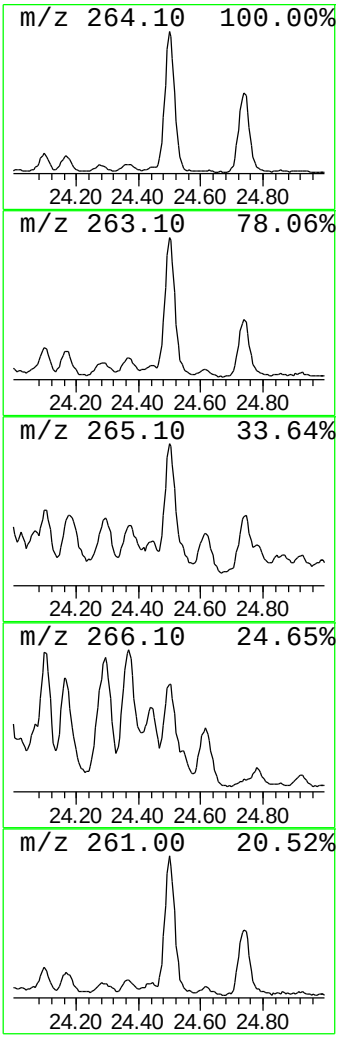
Peak Number 48 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	3.96 ng/ul	1387390	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	47
2	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	37
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	25
4	Sericic acid	504	C30H48O6	055306-03-1	22
5	7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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...	5.38	100.1	ng/ul	5350510	1	7.73	1069100	20.0
Bicyclo[4.2.0]oct...	5.73	122.7	ng/ul	6559560	1	7.73	1069100	20.0
Benzene, 1-ethyl-...	6.82	14.5	ng/ul	777259	1	7.73	1069100	20.0
Benzene, 1-etheny...	7.38	135.5	ng/ul	7242700	1	7.73	1069100	20.0
Indene	8.27	306.7	ng/ul	16395700	1	7.73	1069100	20.0
Benzene, 1-methyl...	8.99	25.3	ng/ul	1352670	1	7.73	1069100	20.0
Benzene, 1-methyl...	9.40	22.6	ng/ul	871768	2	10.54	773223	20.0
Benzene, (2-methy...	9.49	22.6	ng/ul	874929	2	10.54	773223	20.0
1H-Indene, 1-methyl-	9.96	131.6	ng/ul	5089170	2	10.54	773223	20.0
Benzene, 1-butynyl-	10.03	85.1	ng/ul	3288510	2	10.54	773223	20.0
(DEL) Alkane: Str...	10.48	20.0	ng/ul	773223	2	10.54	773223	20.0
(DEL) Alkane: Str...	11.94	43.4	ng/ul	1676980	2	10.54	773223	20.0
Naphthalene, 2-et...	13.41	14.6	ng/ul	2774980	3	14.39	3795340	20.0
Naphthalene, 1,7-...	13.57	59.6	ng/ul	11319100	3	14.39	3795340	20.0
Naphthalene, 2,3-...	13.72	64.5	ng/ul	12235000	3	14.39	3795340	20.0
(DEL) Alkane: Str...	14.27	8.2	ng/ul	1548850	3	14.39	3795340	20.0
Naphthalene, 1,6,...	14.86	9.3	ng/ul	1767870	3	14.39	3795340	20.0
1,1'-Biphenyl, 3-...	14.99	22.2	ng/ul	4218010	3	14.39	3795340	20.0
Naphthalene, 1,4,...	15.06	6.0	ng/ul	1142530	3	14.39	3795340	20.0
unknown-01	15.16	7.0	ng/ul	1327360	3	14.39	3795340	20.0
(DEL) Alkane: Str...	15.22	6.2	ng/ul	1177350	3	14.39	3795340	20.0
1H-Phenalene	15.26	17.3	ng/ul	3274120	3	14.39	3795340	20.0
[1,1'-Biphenyl]-4...	15.73	8.8	ng/ul	1664420	3	14.39	3795340	20.0
Phenanthrene, 2-m...	18.02	3.5	ng/ul	8660850	4	17.14	50169100	20.0
4H-Cyclopenta[def...	18.22	5.6	ng/ul	14093000	4	17.14	50169100	20.0
Pyrene, 2-methyl-	19.89	4.5	ng/ul	2995280	5	21.34	13333300	20.0
Pyrene, 1-methyl-	20.03	3.6	ng/ul	2415630	5	21.34	13333300	20.0
11H-Benzo[a]fluorene	20.07	8.0	ng/ul	5347270	5	21.34	13333300	20.0
Triphenylene	21.02	2.9	ng/ul	1943930	5	21.34	13333300	20.0
Chrysene, 6-methyl-	21.89	4.0	ng/ul	2692310	5	21.34	13333300	20.0
o-(p-(Dimethylami...	22.13	2.4	ng/ul	1566920	5	21.34	13333300	20.0
Perylene	23.66	3.7	ng/ul	1287540	6	23.47	7003490	20.0
unknown-02	24.50	4.0	ng/ul	1387390	6	23.47	7003490	20.0