LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

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-BM011520MA.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	5.493	435	443	459	rBV2	827728	2051259	3.74%	0.312%
2	6.646	631	639	644	rVV2	1155082	2055145	3.75%	0.313%
3	6.993	691	698	706	rVB	1193882	1975794	3.60%	0.301%
4	7.122	713	720	727	rBV2	2321860	3820772	6.96%	0.582%
5	7.981	857	866	878	rVB2	901244	1831564	3.34%	0.279%
6	8.163	891	897	905	rVV	1445882	2344018	4.27%	0.357%
7	8.592	966	970	975	rVV	1118200	1970448	3.59%	0.300%
8	9.304	1085	1091	1101	rVV	1018052	1864867	3.40%	0.284%
9	9.639	1138	1148	1156	rBV4	1191476	2827893	5.15%	0.431%
10	9.722	1156	1162	1167	rVV	1137578	2205736	4.02%	0.336%
11	9.839	1177	1182	1191	rVB	1639136	2886480	5.26%	0.440%
12	10.216	1238	1246	1248	rBV	1386485	2466403	4.50%	0.376%
13	10.351	1264	1269	1276	rBV	1349944	2229316	4.06%	0.340%
14	11.692	1492	1497	1502	rBV	1365170	1939596	3.54%	0.295%
15	11.892	1523	1531	1539	rVB	6370444	10020936	18.26%	1.527%
16	12.122	1556	1570	1580	rVB	14012518	22914992	41.76%	3.491%
17	12.927	1701	1707	1711	rBV	3993799	5621962	10.25%	0.856%
18	13.263	1753	1764	1766	rBV	4298645	7188876	13.10%	1.095%
19	13.427	1782	1792	1797	rBV	7471149	13116794	23.91%	1.998%
20	13.480	1797	1801	1805	rVV	5442048	7858154	14.32%	1.197%
21	13.527	1805	1809	1818	rVB2	2642698	4489356	8.18%	0.684%
22	13.663	1825	1832	1836	rBV	3468483	5431634	9.90%	0.827%
23	13.792	1849	1854	1856	rVV	3054187	4685542	8.54%	0.714%
24	13.822	1856	1859	1866	rVB2	6993832	10147294	18.49%	1.546%
25	14.057	1894	1899	1901	rVV	1475175	2022361	3.69%	0.308%
26	14.092	1901	1905	1913	rVV2	3277783	6036695	11.00%	0.920%
27	14.169	1913	1918	1921	rVV	2427305	3513944	6.40%	0.535%
28	14.321	1938	1944	1953	rBV3	1995883	3865640	7.05%	0.589%
29	14.510	1965	1976	1983	rVV2	9664179	15235789	27.77%	2.321%
30	14.592	1985	1990	1996	rVV	2102843	3041845	5.54%	0.463%
31	14.739	2007	2015	2019	rVV2	1758408	3481771	6.35%	0.530%
32	14.792	2019	2024	2029	rVB	2081395	2750948	5.01%	0.419%
33	15.104	2072	2077	2082	rVB2	4748005	6972982	12.71%	1.062%
34	15.163	2082	2087	2093	rBV2	12534312	18383229	33.50%	2.800%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

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-BM011520MA.M
Title : SVOA CALIBRATION

35	15.463	2133	2138	2142	rBV	3482609	4642849	8.46%	0.707%
36	15.610	2158	2163	2171	rVB	4183803	8560356	15.60%	1.304%
37	16.168	2249	2258	2263	rVV4	2840743	6849222	12.48%	1.043%
38	16.215	2263	2266	2272	rVV	1722615	2796428	5.10%	0.426%
39	16.315	2279	2283	2290	rVV	1242323	2167144	3.95%	0.330%
40	16.404	2290	2298	2302	rVV2	1956152	3814193	6.95%	0.581%
41	16.445	2302	2305	2308	rVV2	1578580	2355935	4.29%	0.359%
42	16.515	2313	2317	2325	rVV2	2379720	4127998	7.52%	0.629%
43	16.598	2326	2331	2338	rVV	1906379	3692110	6.73%	0.562%
44	16.674	2338	2344	2349	rVV	4377516	6636797	12.10%	1.011%
45	16.857	2368	2375	2378	rBV	2111420	3516239	6.41%	0.536%
46	16.915	2378	2385	2389	rVB2	34654461	54867433	100.00%	8.358%
47	16.962	2389	2393	2395	rBV2	4249138	5662933	10.32%	0.863%
48	16.998	2395	2399	2404	rVB	12552627	16558101	30.18%	2.522%
49	17.057	2404	2409	2415	rBV2	1079153	2147351	3.91%	0.327%
50	17.262	2440	2444	2448	rVB	2784668	3403653	6.20%	0.519%
51	17.410	2462	2469	2472	rBV4	1895358	2841712	5.18%	0.433%
52	17.733	2519	2524	2528	rVV	6842989	9929608	18.10%	1.513%
53	17.786	2528	2533	2541	rVB	10281093	14957403	27.26%	2.279%
54	17.862	2541	2546	2551	rBV	4969032	7182606	13.09%	1.094%
55	17.927	2551	2557	2561	rBV2	8992542	15857839	28.90%	2.416%
56	17.968	2561	2564	2571	rVB	4880752	6254985	11.40%	0.953%
57	18.239	2606	2610	2614	rBV	3670861	5014647	9.14%	0.764%
58	18.492	2645	2653	2658	rBV3	1383849	2626952	4.79%	0.400%
59	18.545	2658	2662	2665	rVV	1458937	1987842	3.62%	0.303%
60	18.580	2665	2668	2672	rVB	1616101	2061345	3.76%	0.314%
61	18.668	2676	2683	2687	rVV	4322565	7826862	14.27%	1.192%
62	18.733	2687	2694	2702	rVV4	3112181	9169417	16.71%	1.397%
63	18.804	2702	2706	2714	rVB2	2047525	4686710	8.54%	0.714%
64	18.933	2721	2728	2733	rBV	24452592	34209570	62.35%	5.211%
65	19.074	2749	2752	2757	rVB	2826764	3696911	6.74%	0.563%
66	19.268	2779	2785	2787	rBV3	8969739	14893570	27.14%	2.269%
67	19.298	2787	2790	2794	rVV	22025086	28670534	52.25%	4.368%
68	19.368	2798	2802	2810	rVB2	1930367	4159269	7.58%	0.634%
69	19.474	2811	2820	2824	rBV	2615087	4067553	7.41%	0.620%
70	19.533	2827	2830	2837	rVB4	964101	1785338	3.25%	0.272%
71	19.627	2838	2846	2851	rBV2	2834633	7074879	12.89%	1.078%

LSC Area Percent Report

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Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

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-BM011520MA.M
Title : SVOA CALIBRATION

72	19.762	2864	2869	2871	rVV3	2530766	4349452	7.93%	0.663%
73	19.798	2871	2875	2880	rVB	6035298	8078415	14.72%	1.231%
74	19.868	2880	2887	2889	rBV4	1220316	2224486	4.05%	0.339%
75	19.898	2889	2892	2896	rVV	3566532	4374923	7.97%	0.666%
76	19.951	2896	2901	2907	rVV2	4642548	7482712	13.64%	1.140%
77	20.092	2921	2925	2929	rVB	2189325	2630339	4.79%	0.401%
78	20.139	2929	2933	2938	rBV	2331896	3309189	6.03%	0.504%
79	20.362	2966	2971	2973	rBV2	1175727	2001415	3.65%	0.305%
80	20.545	2999	3002	3009	rVB	2562062	3914205	7.13%	0.596%
81	20.703	3024	3029	3034	rBV3	1937225	4337255	7.90%	0.661%
82	20.750	3034	3037	3040	rVV	2502462	3059126	5.58%	0.466%
83	20.786	3040	3043	3048	rVV2	1277606	2679848	4.88%	0.408%
84	20.845	3048	3053	3060	rVB2	2844837	5252662	9.57%	0.800%
85	21.056	3083	3089	3094	rBV3	15366523	24167102	44.05%	3.682%
86	21.103	3094	3097	3104	rVV	10161407	13715442	25.00%	2.089%
87	21.268	3122	3125	3131	rVV3	1200732	2464272	4.49%	0.375%
88	21.374	3139	3143	3148	rBV3	1284817	2157745	3.93%	0.329%
89	21.603	3177	3182	3187	rVV	3527529	5282144	9.63%	0.805%
90	21.656	3187	3191	3195	rVB	1823422	2219617	4.05%	0.338%
91	21.792	3210	3214	3216	rVV	1516913	1880192	3.43%	0.286%
92	22.568	3339	3346	3350	rBV2	4864263	10695881	19.49%	1.629%
93	22.721	3367	3372	3378	rVB	1443890	2232371	4.07%	0.340%
94	23.009	3415	3421	3425	rBV	2281909	4033813	7.35%	0.615%
95	23.056	3425	3429	3432	rVV	2456217	4031526	7.35%	0.614%
96	23.097	3432	3436	3442	rVB	4748305	7542005	13.75%	1.149%
97	23.186	3446	3451	3455	rVV	1558702	2658418	4.85%	0.405%
98	23.233	3455	3459	3467	rVB3	947373	2197371	4.00%	0.335%
99	25.256	3796	3803	3813	rVB2	1720384	4652761	8.48%	0.709%
100	25.885	3903	3910	3924	rVB	940543	2806942	5.12%	0.428%

Sum of corrected areas: 656435958

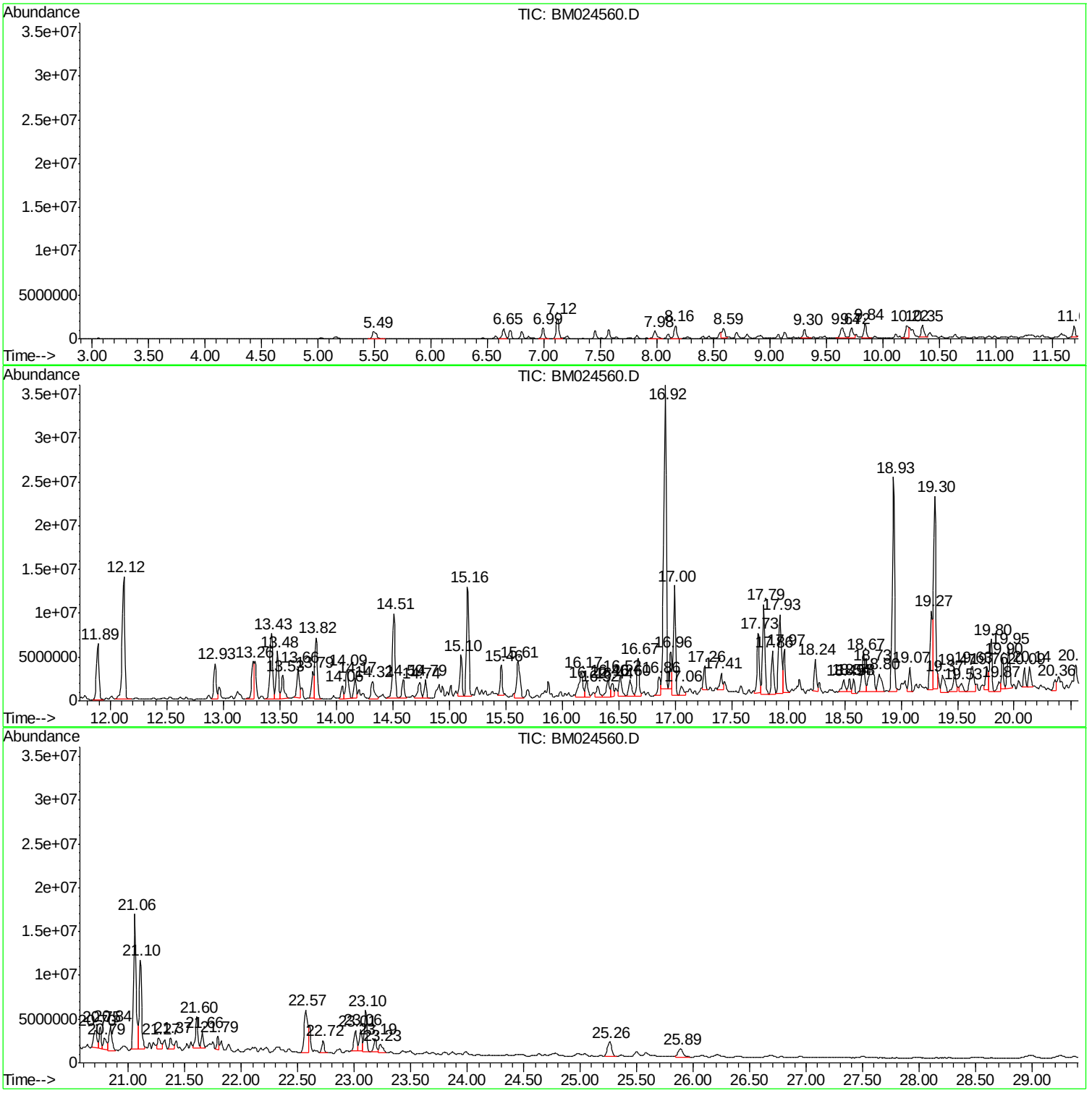
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
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Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

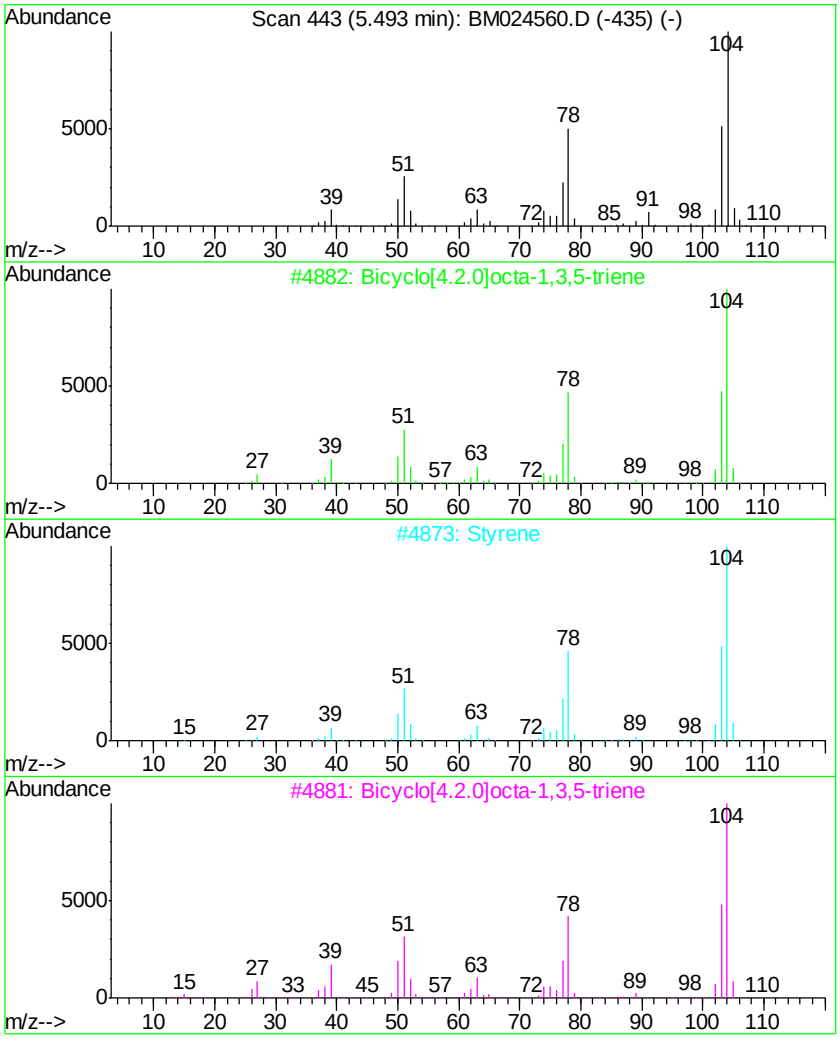
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

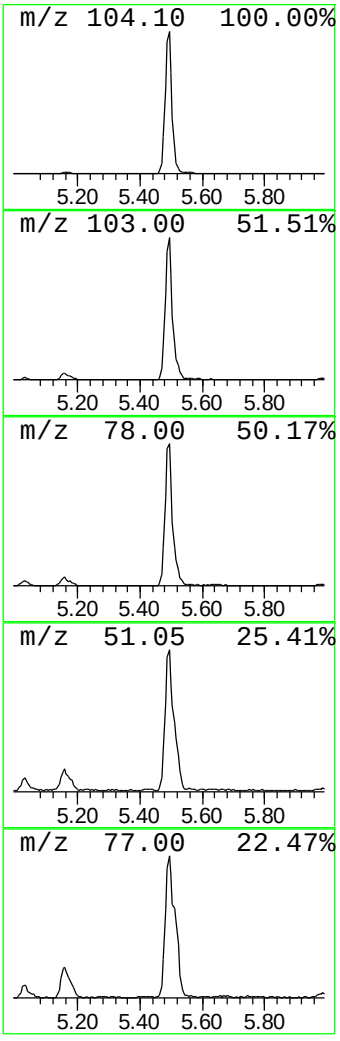
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	10.74 ng/ul	2051260	1,4-Dichlorobenzene-d4	7.45

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	96
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
5	Styrene	104	C8H8	000100-42-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

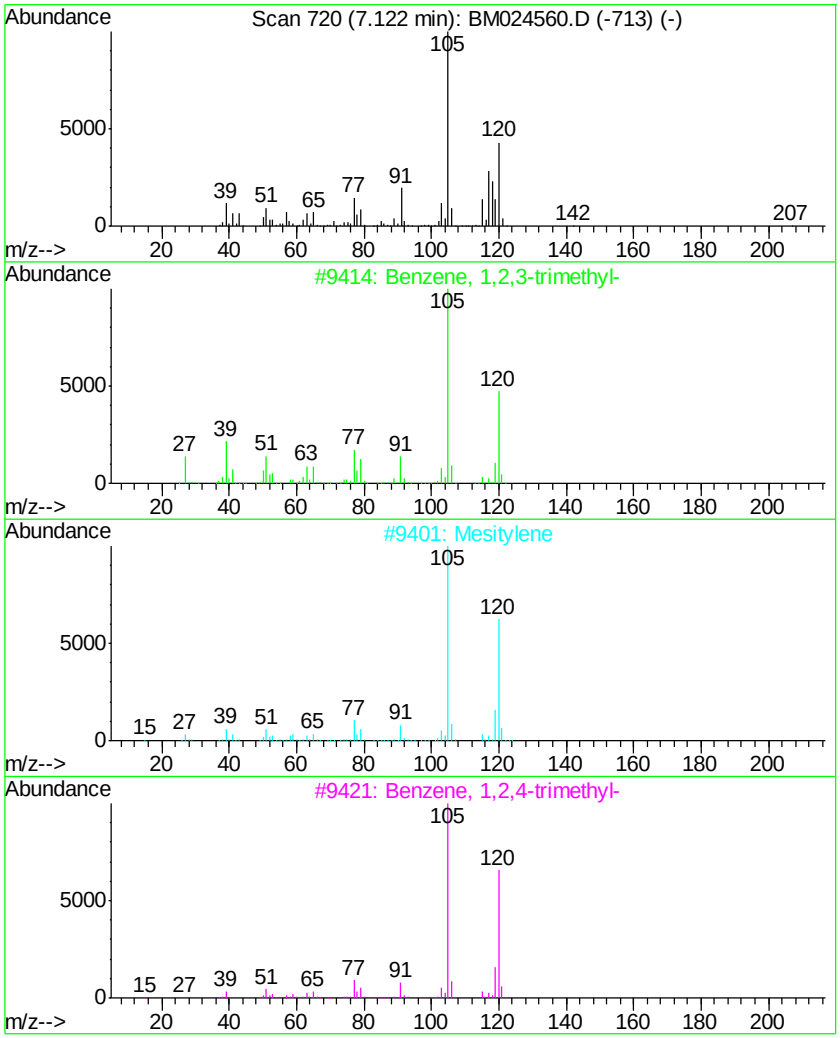
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

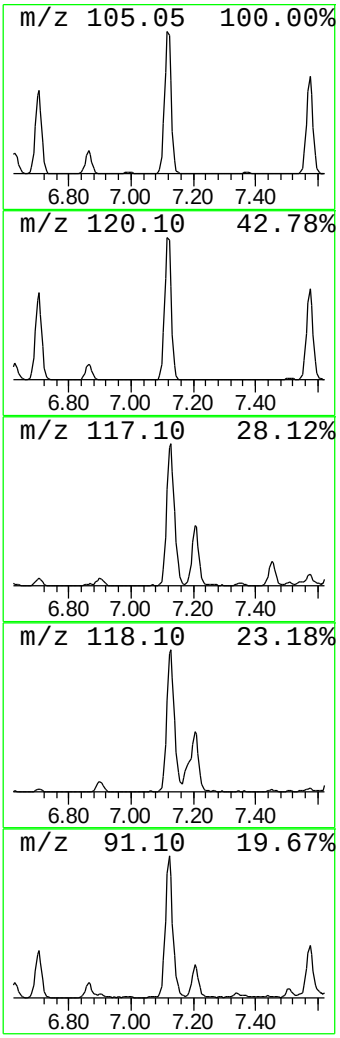
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	20.00 ng/ul	3820770	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2	Mesitylene	120	C9H12	000108-67-8	64
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60





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Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

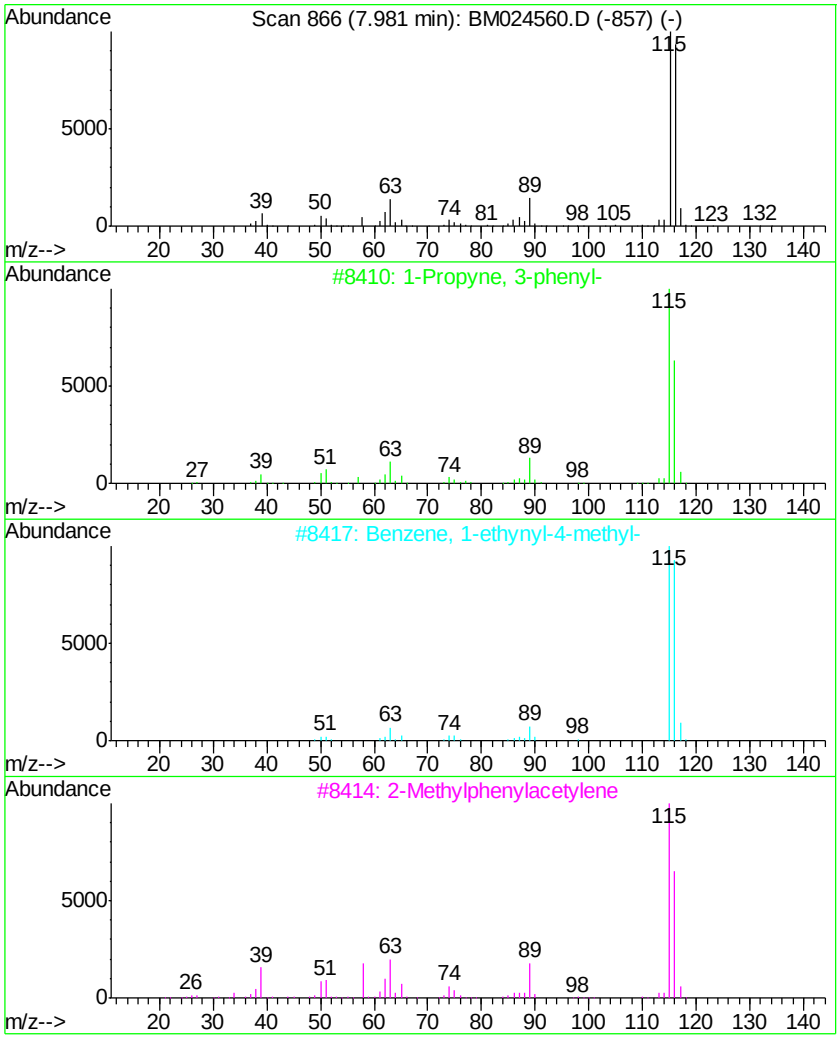
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

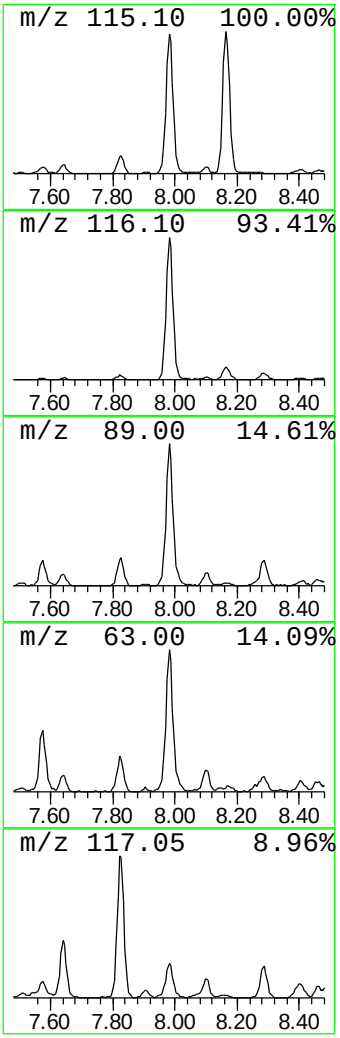
****

Peak Number 3 1-Propyne, 3-phenyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	9.59 ng/ul	1831560	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

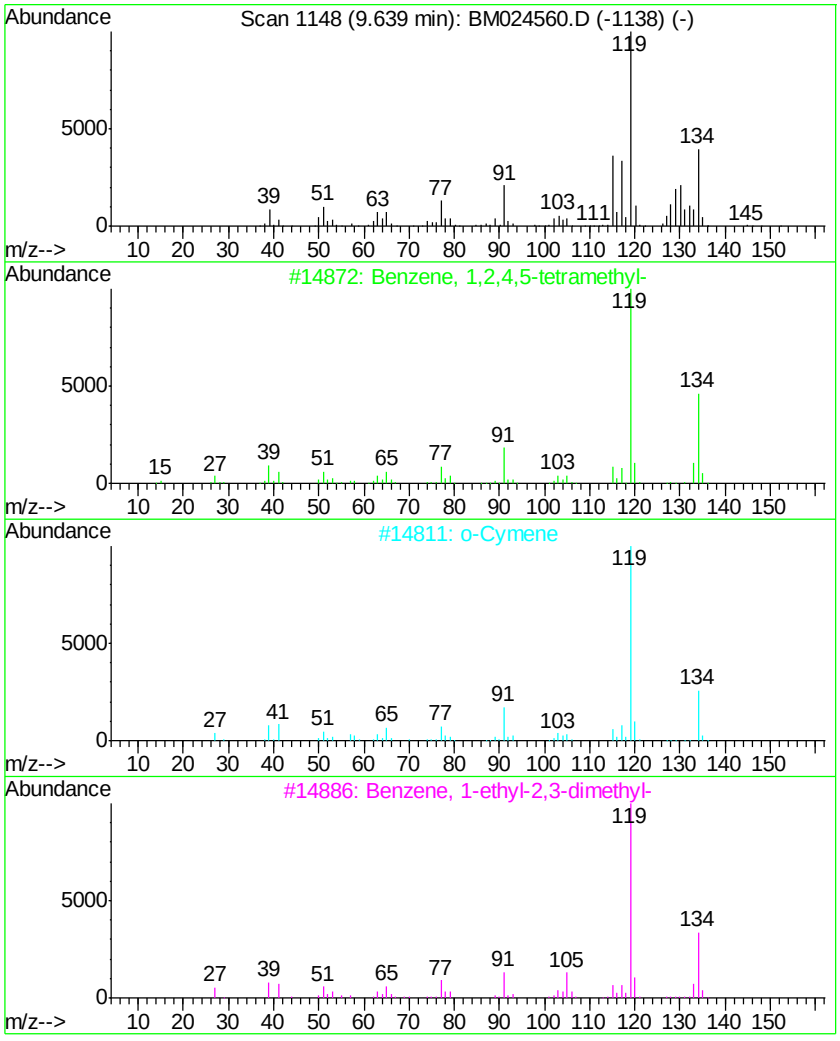
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

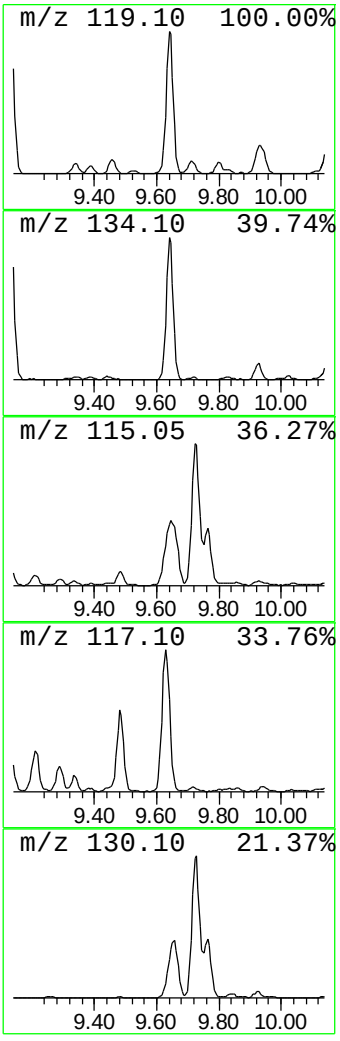
****

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	22.93 ng/ul	2827890	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2	o-Cymene	134	C10H14	000527-84-4	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	p-Cymene	134	C10H14	000099-87-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

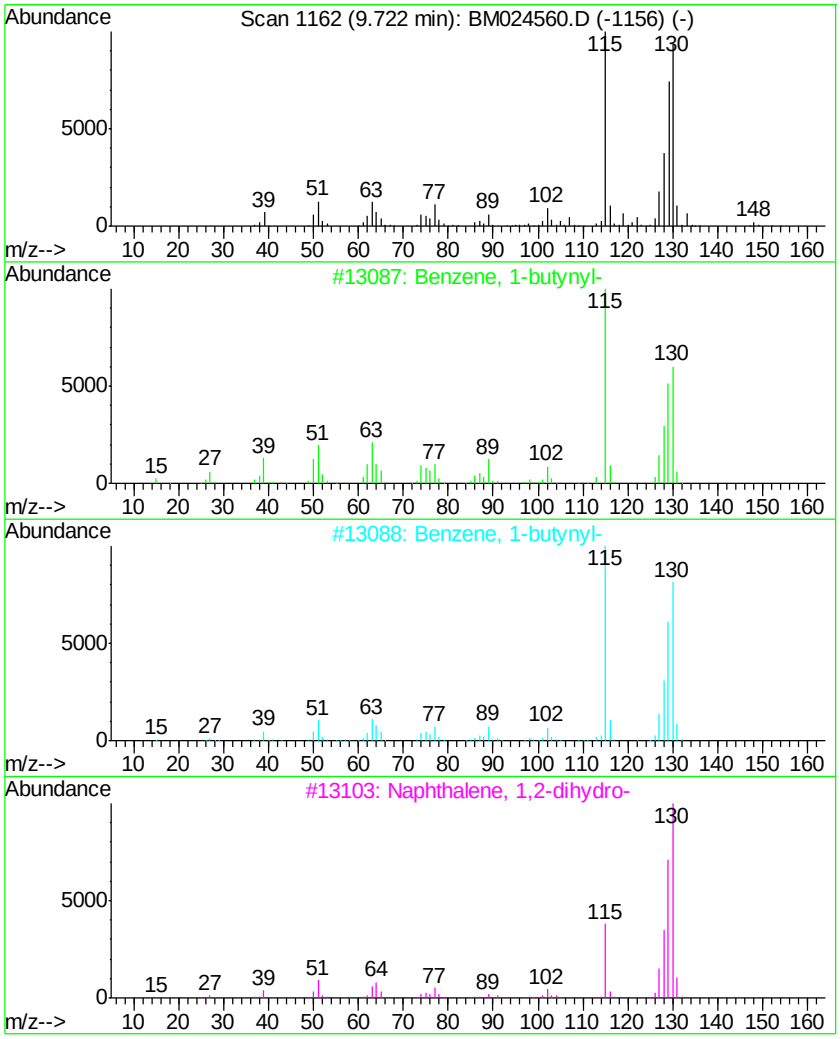
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

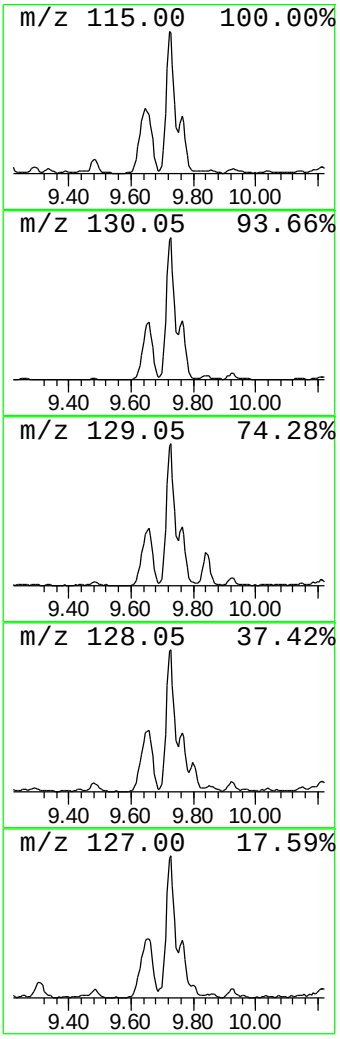
****

Peak Number 5 Benzene, 1-butynyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	17.89 ng/ul	2205740	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
4	2-Methylindene	130	C10H10	002177-47-1	93
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93





Library Search Compound Report

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Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

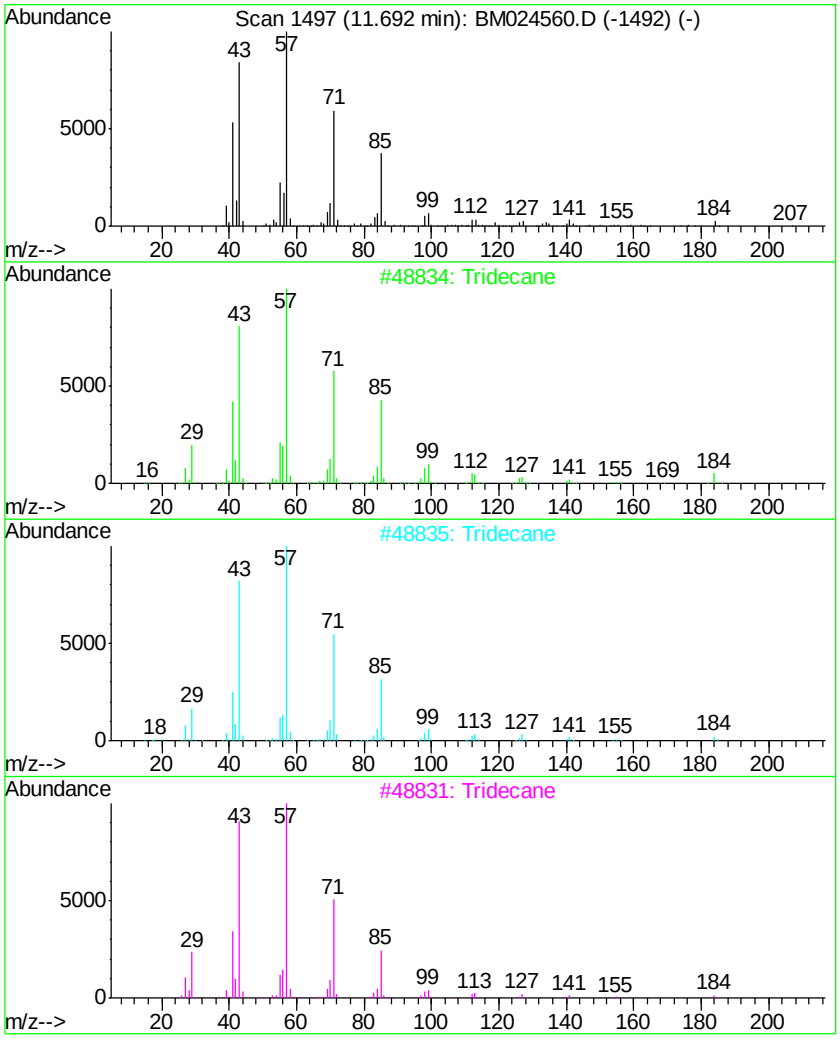
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

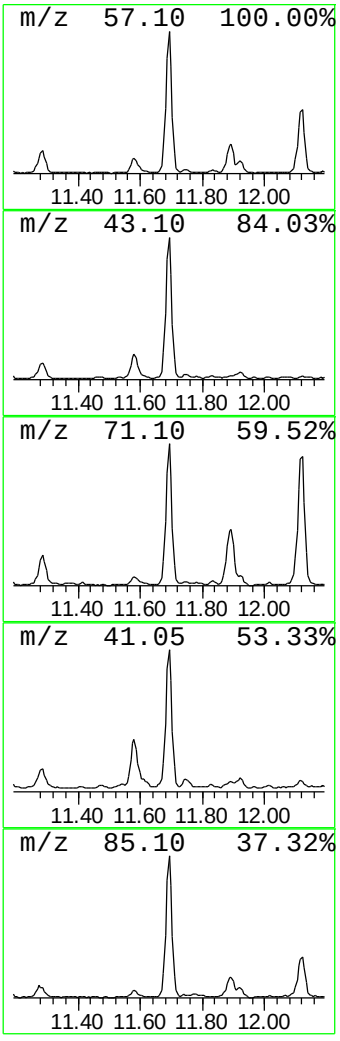
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	15.73 ng/ul	1939600	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Tridecane	184	C13H28	000629-50-5	97
3	Tridecane	184	C13H28	000629-50-5	93
4	Tetradecane	198	C14H30	000629-59-4	91
5	Tetradecane	198	C14H30	000629-59-4	86





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Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	185.82 ng/ul	22915000	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
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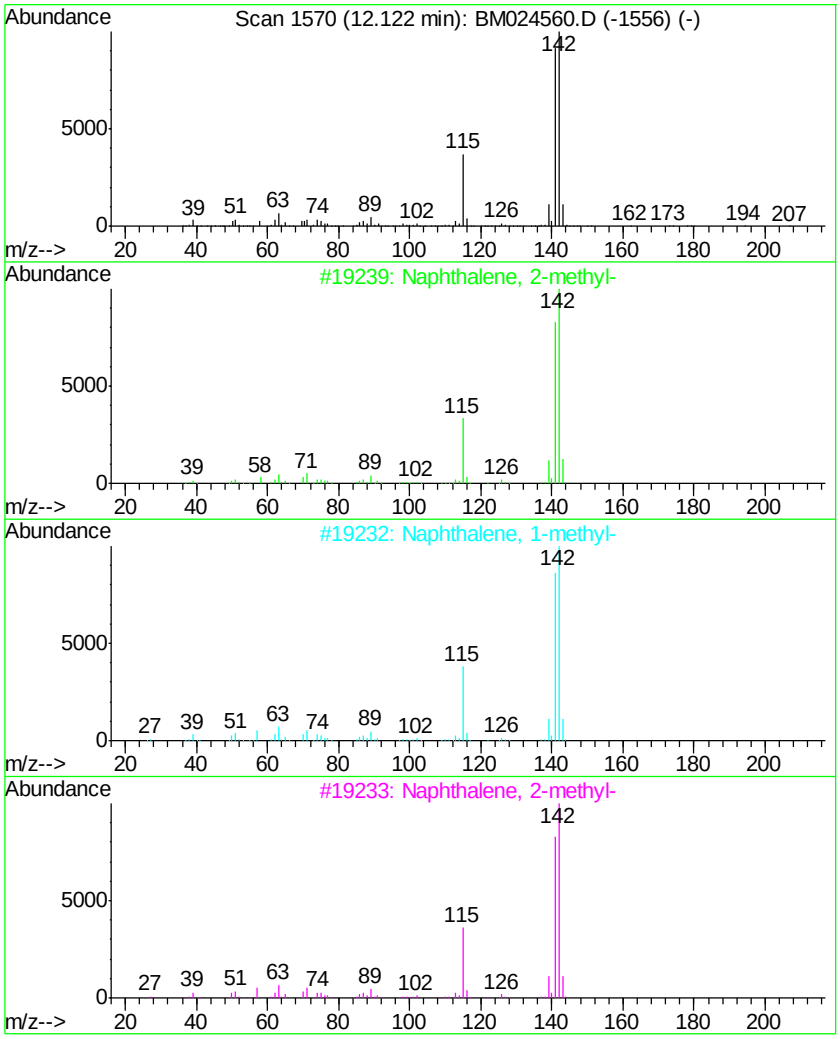

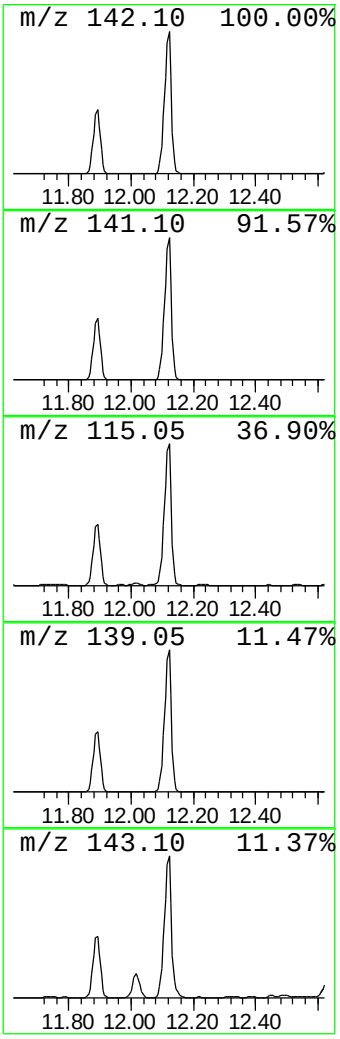

Library Search Compound Report

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Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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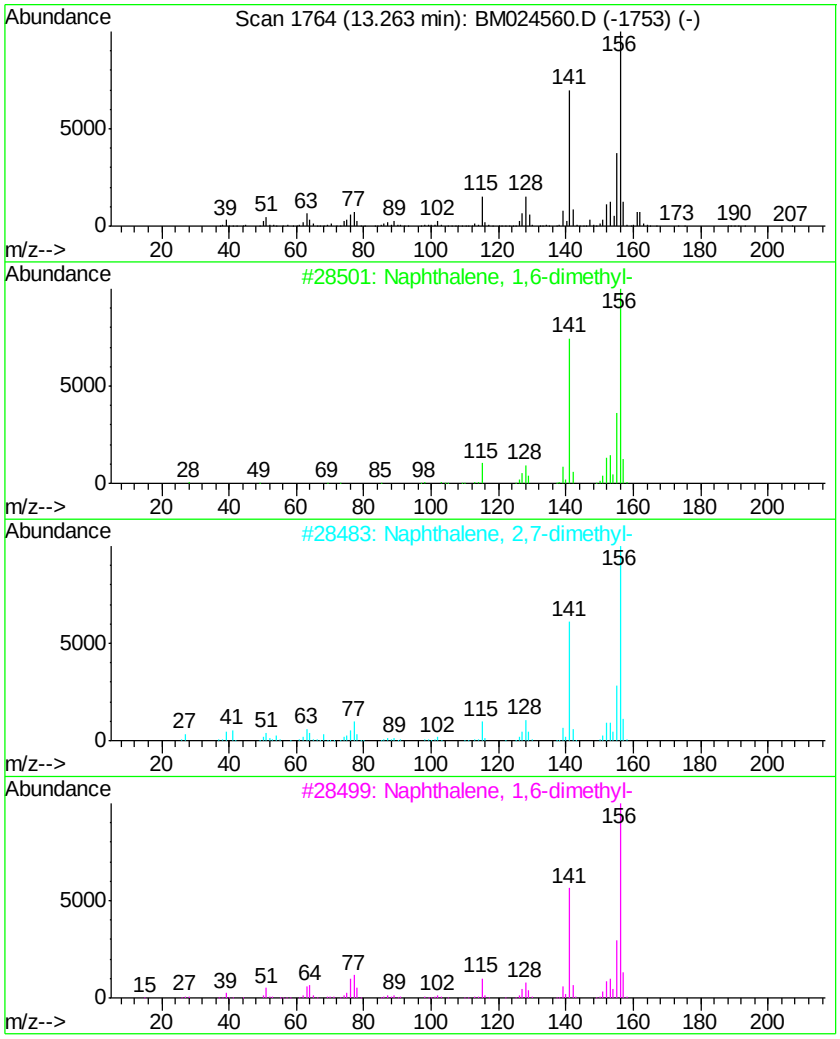
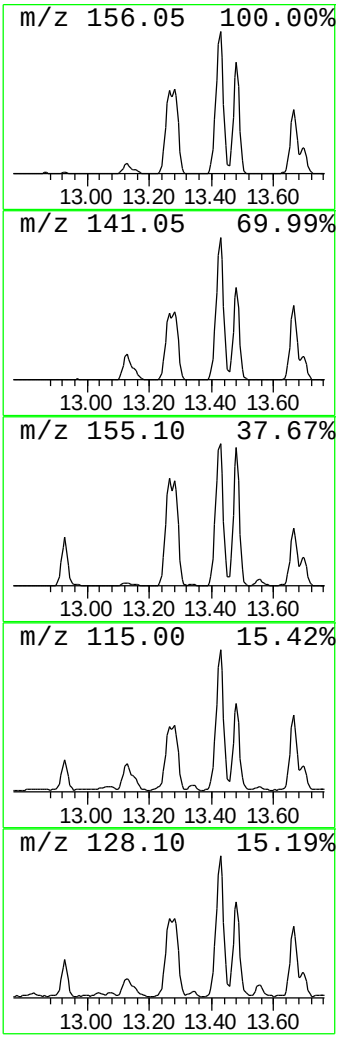
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	23.82 ng/ul	7188880	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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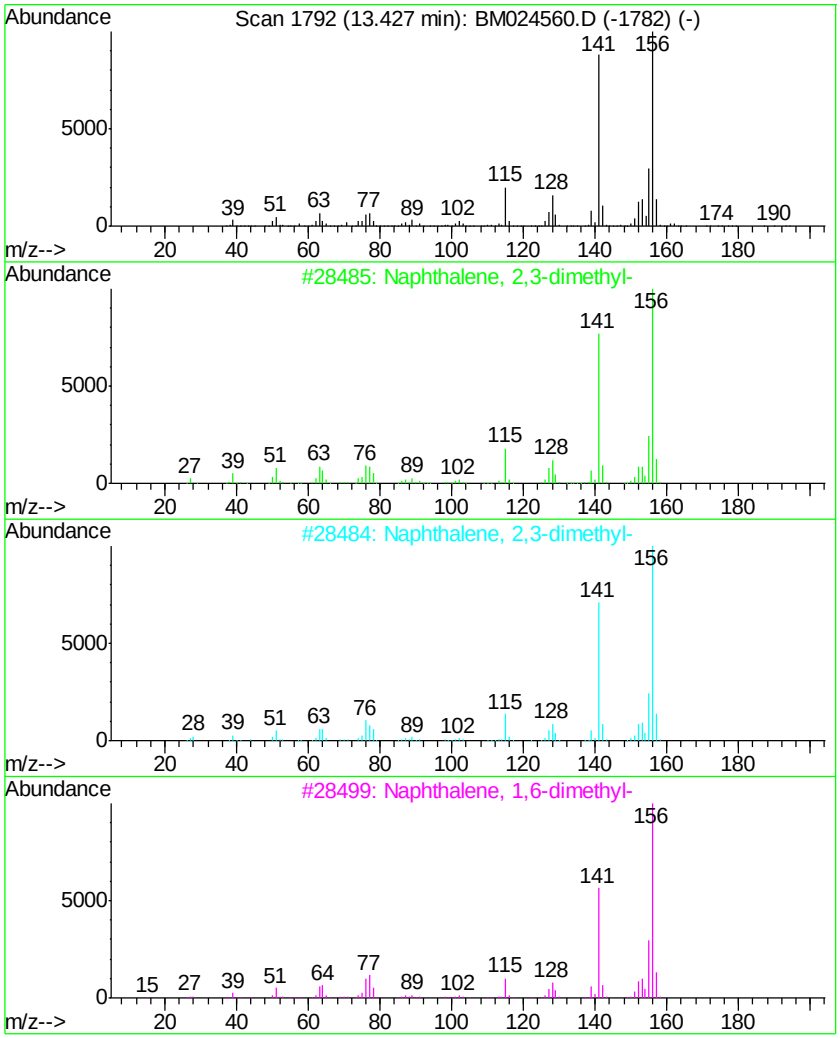
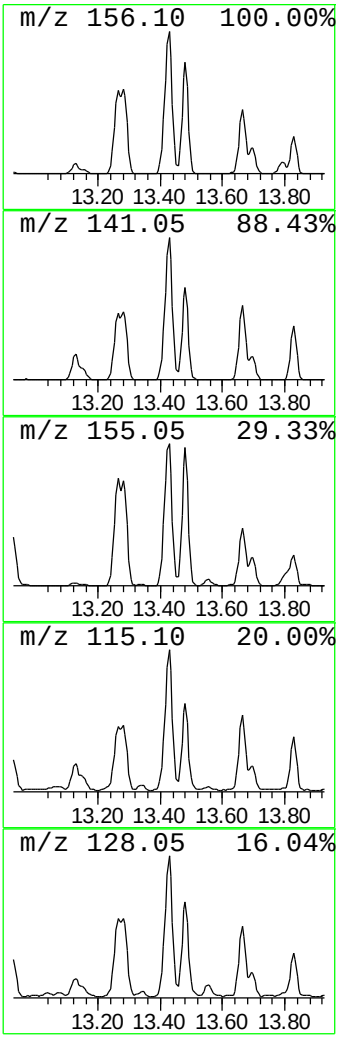
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	43.46 ng/ul	13116800	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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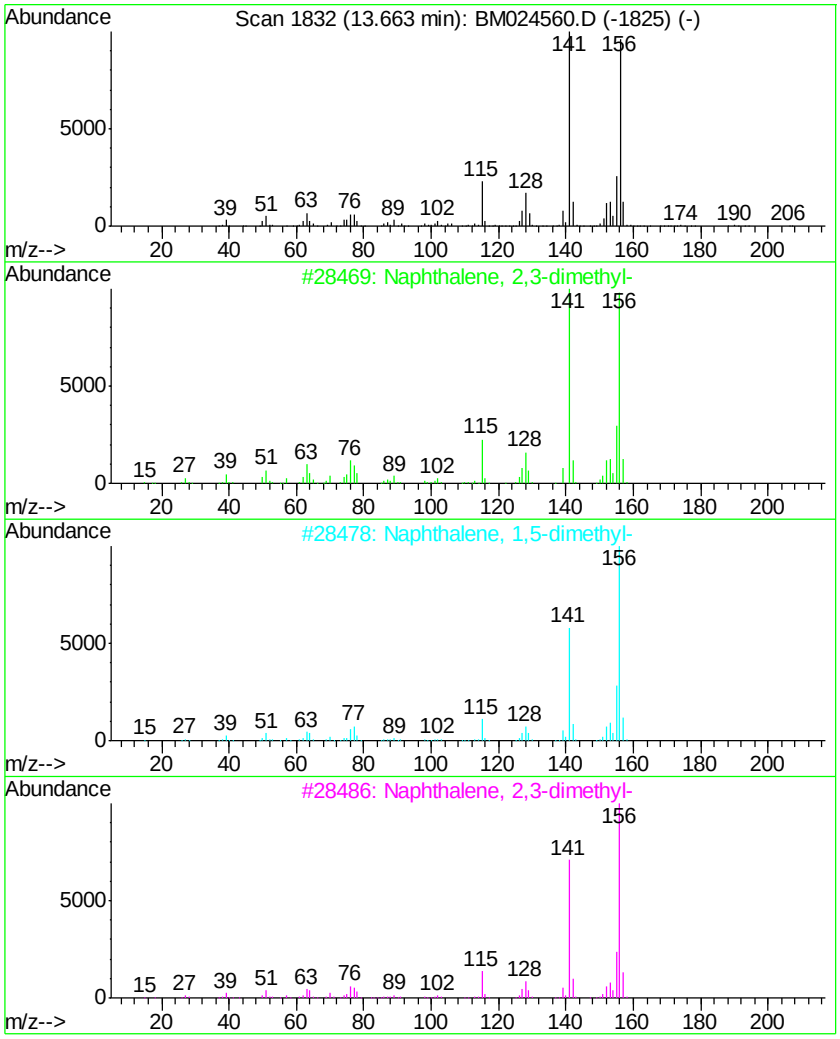
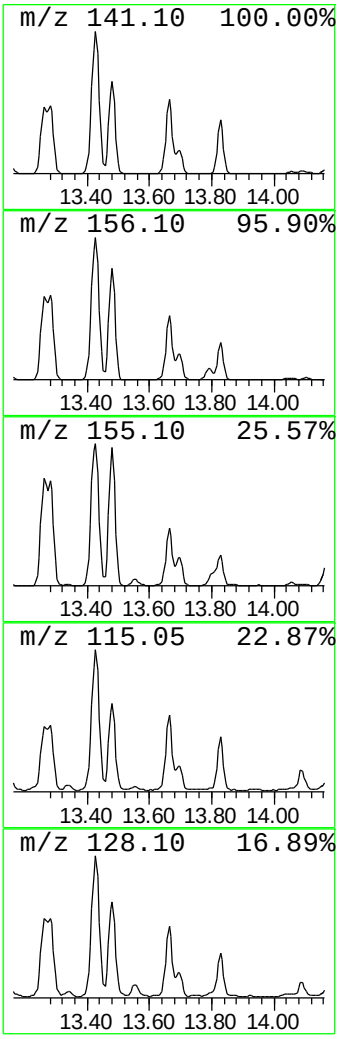
Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	18.00 ng/ul	5431630	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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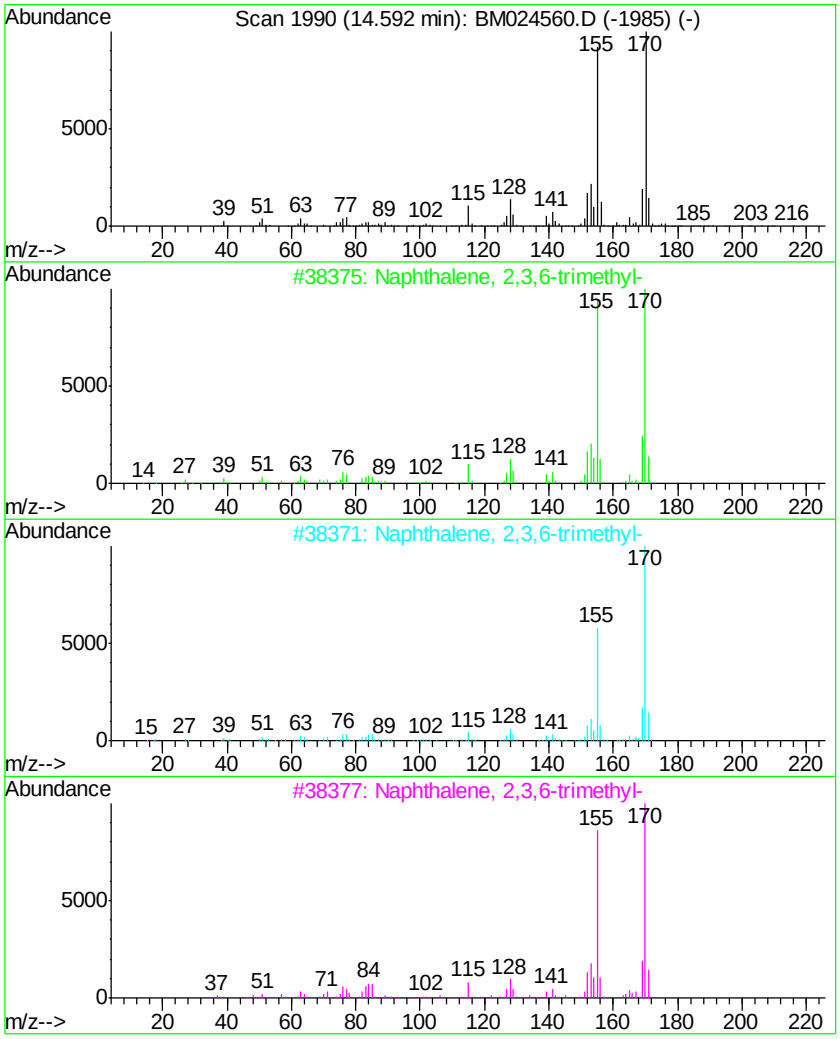
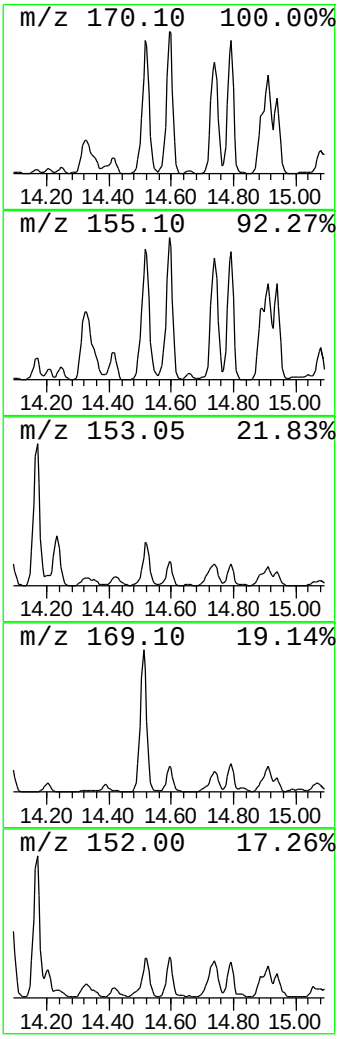
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	10.08 ng/ul	3041850	Acenaphthene-d10	14.10

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





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Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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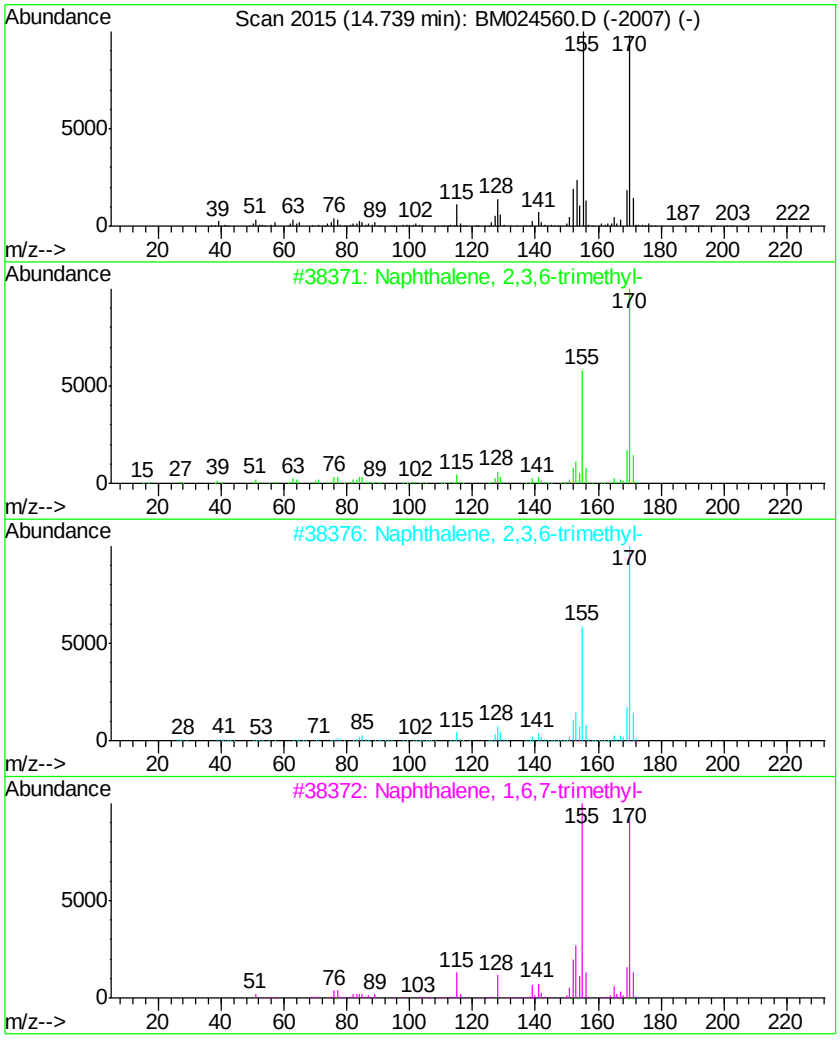
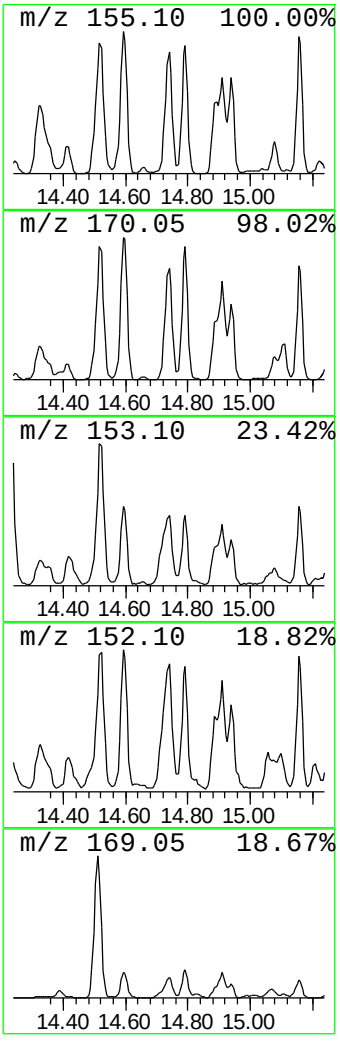
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	11.54 ng/ul	3481770	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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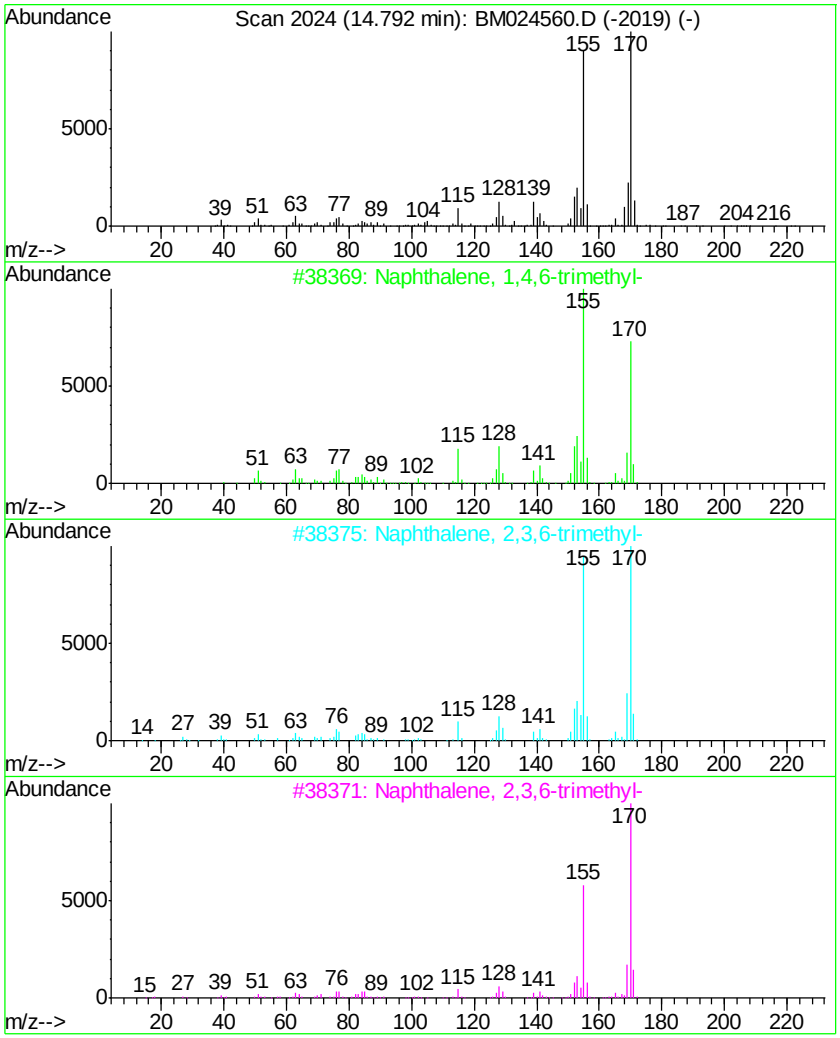
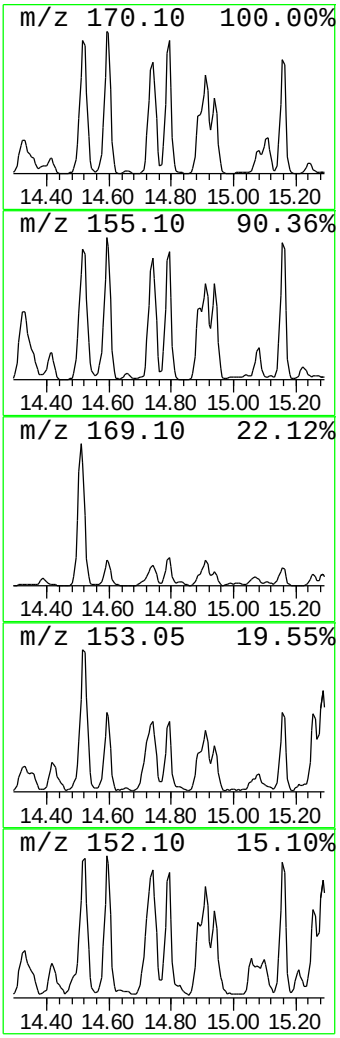
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	9.11 ng/ul	2750950	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





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Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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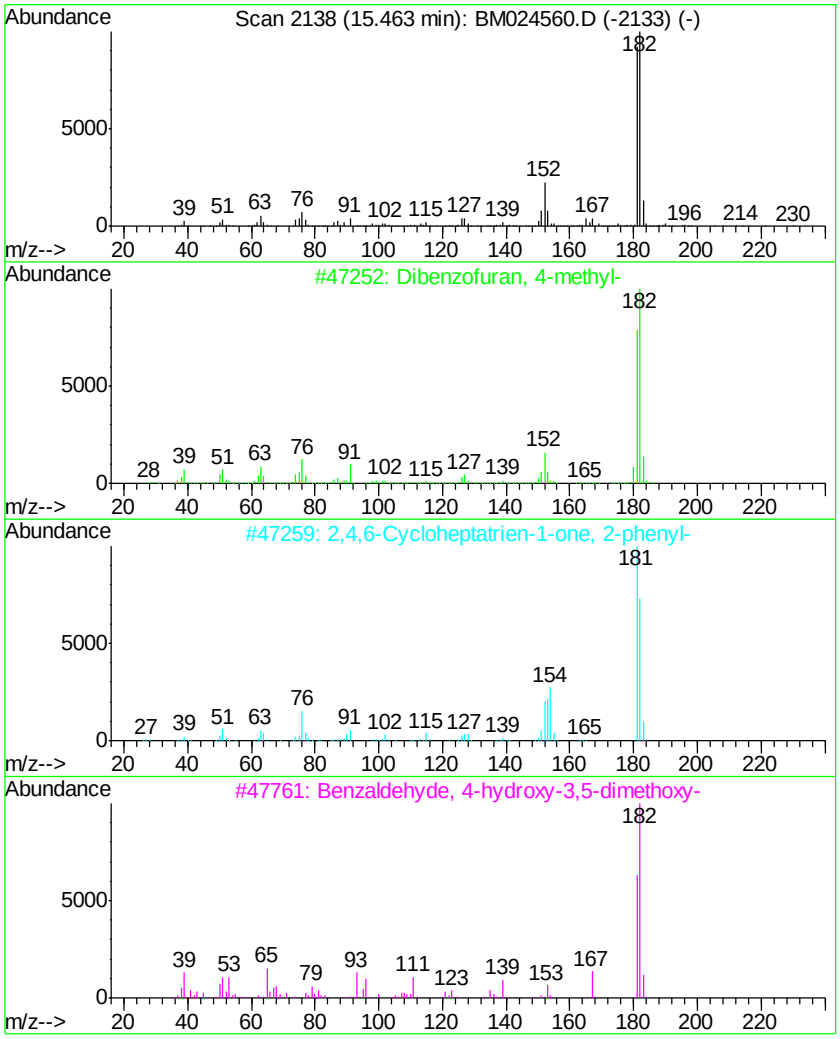
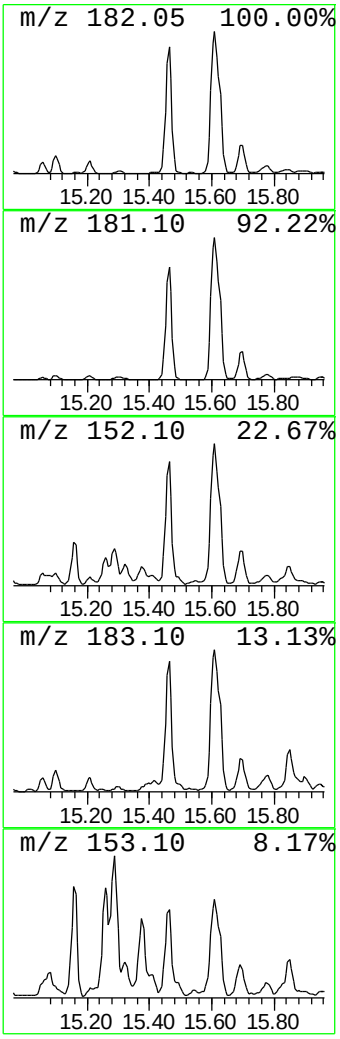
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	15.38 ng/ul	4642850	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	58





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Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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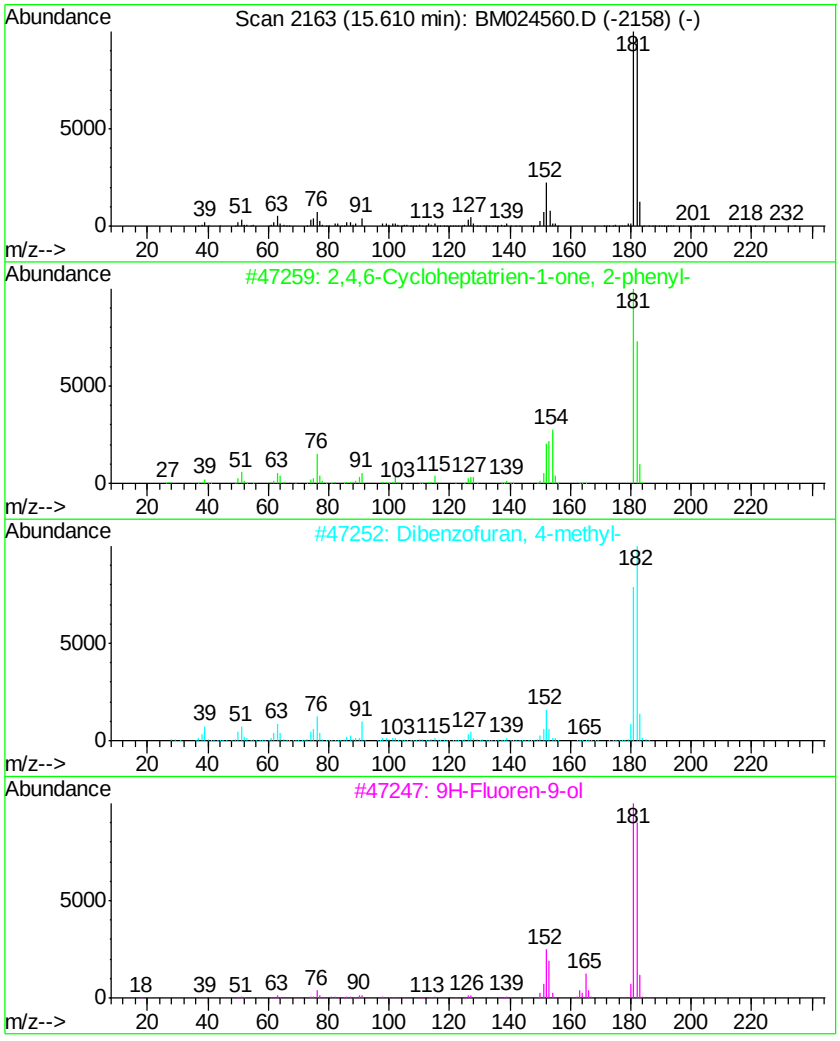
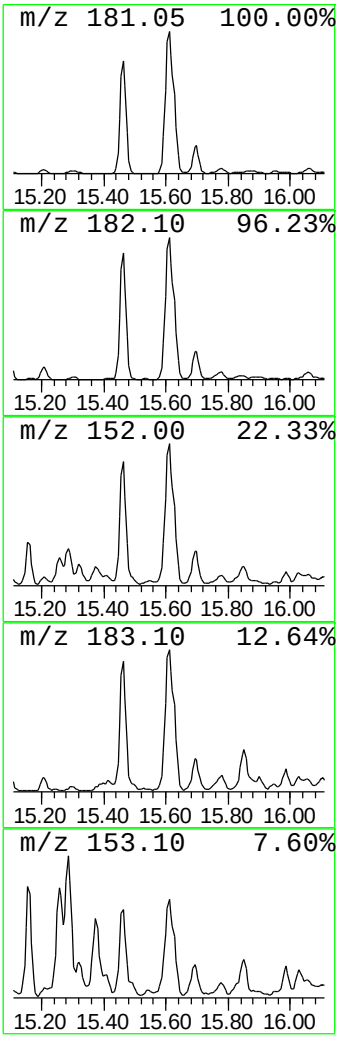
Peak Number 15 2,4,6-Cycloheptatrien-1-one... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	48.69 ng/ul	8560360	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	64





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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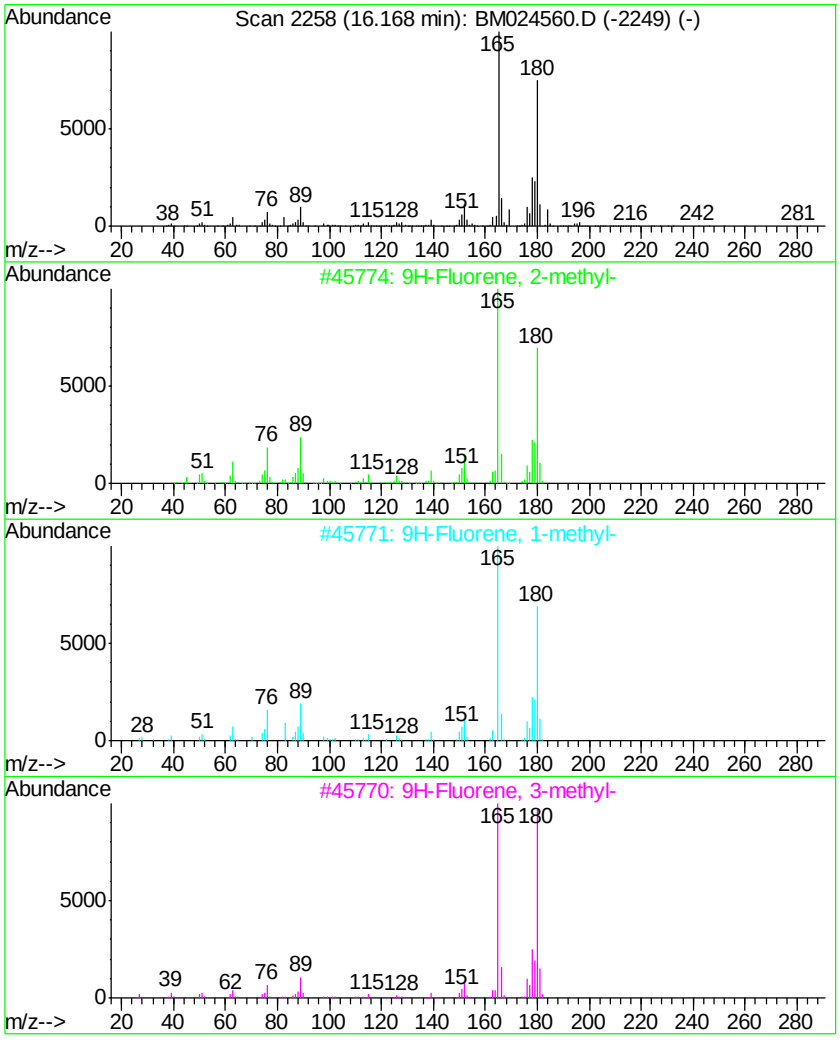
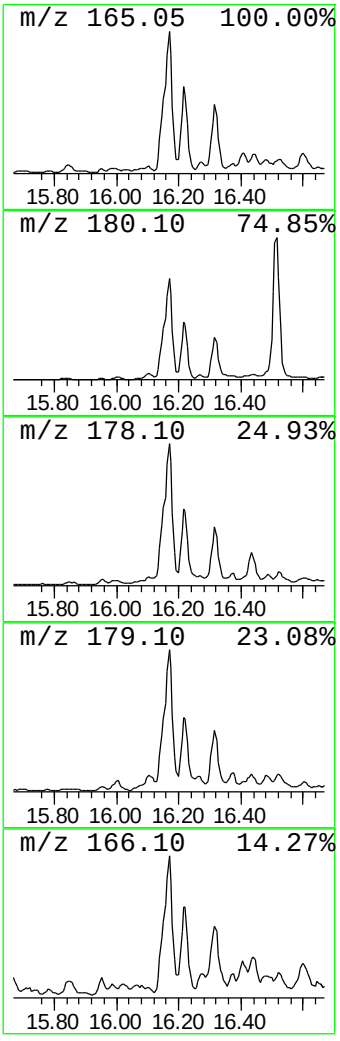
Peak Number 16 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	38.96 ng/ul	6849220	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91





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Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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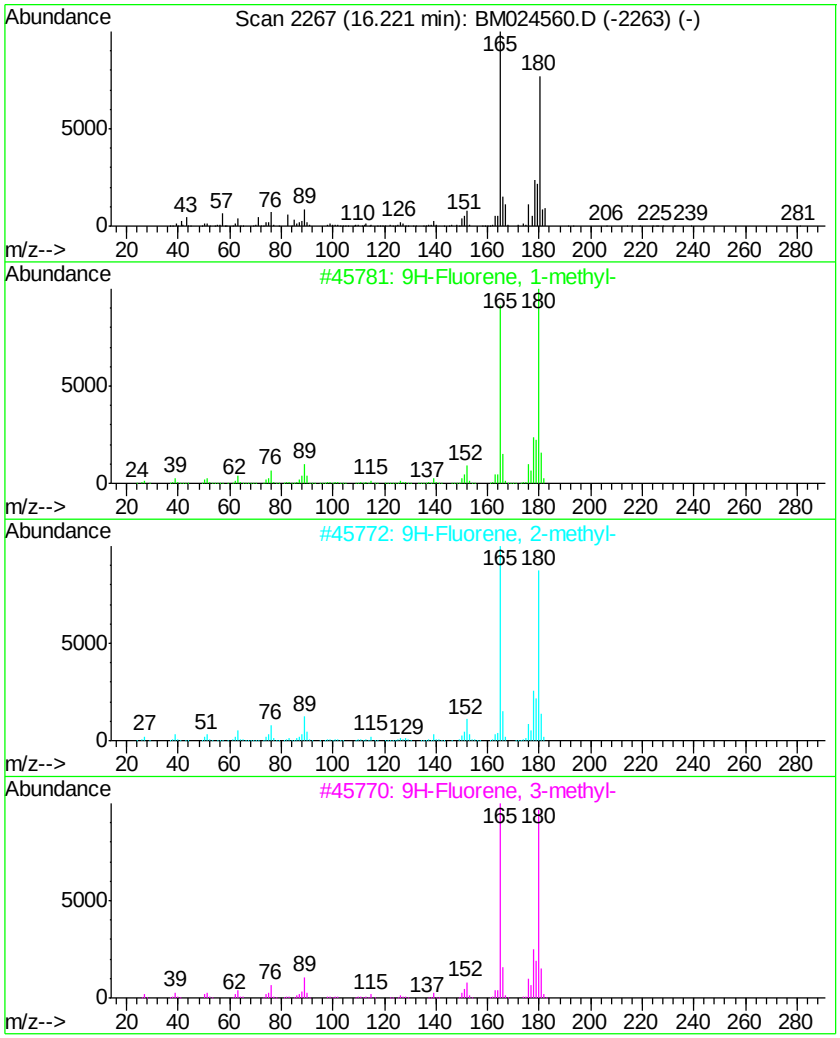
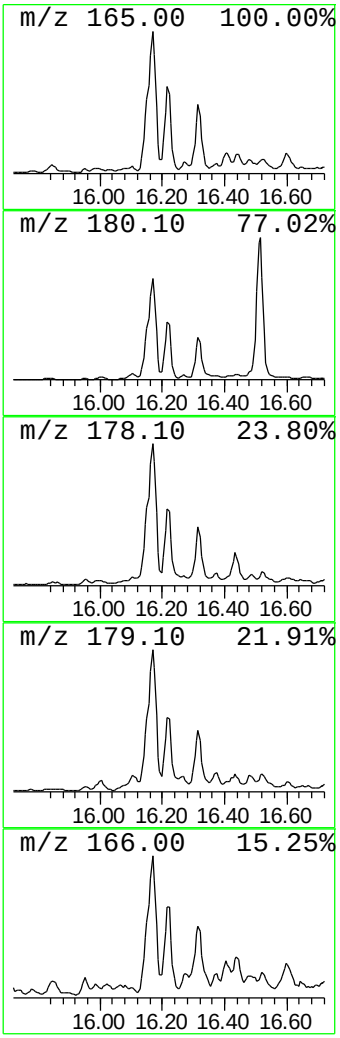
Peak Number 17 9H-Fluorene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	15.91 ng/ul	2796430	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	74





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Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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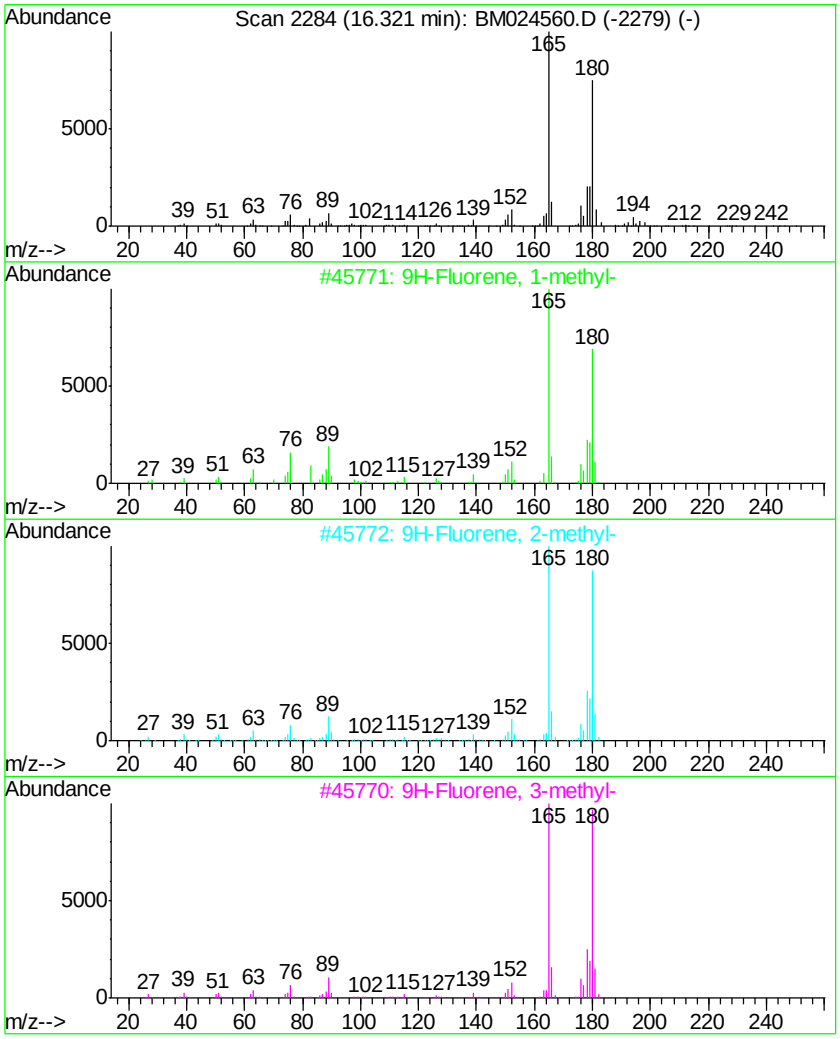
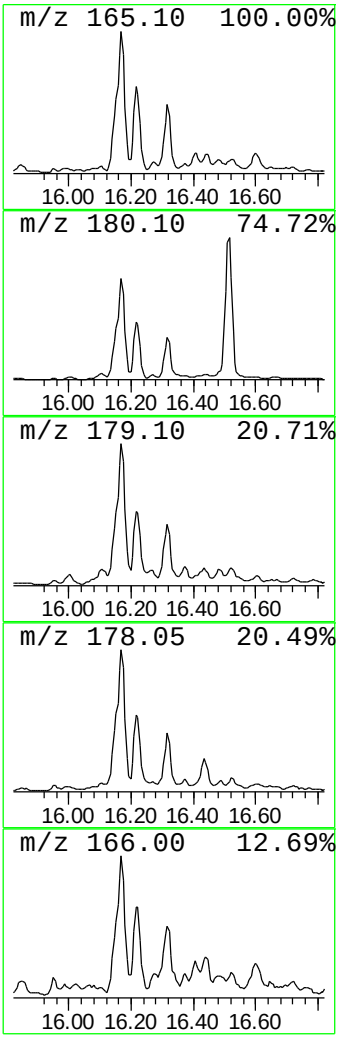
Peak Number 18 9H-Fluorene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	12.33 ng/ul	2167140	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

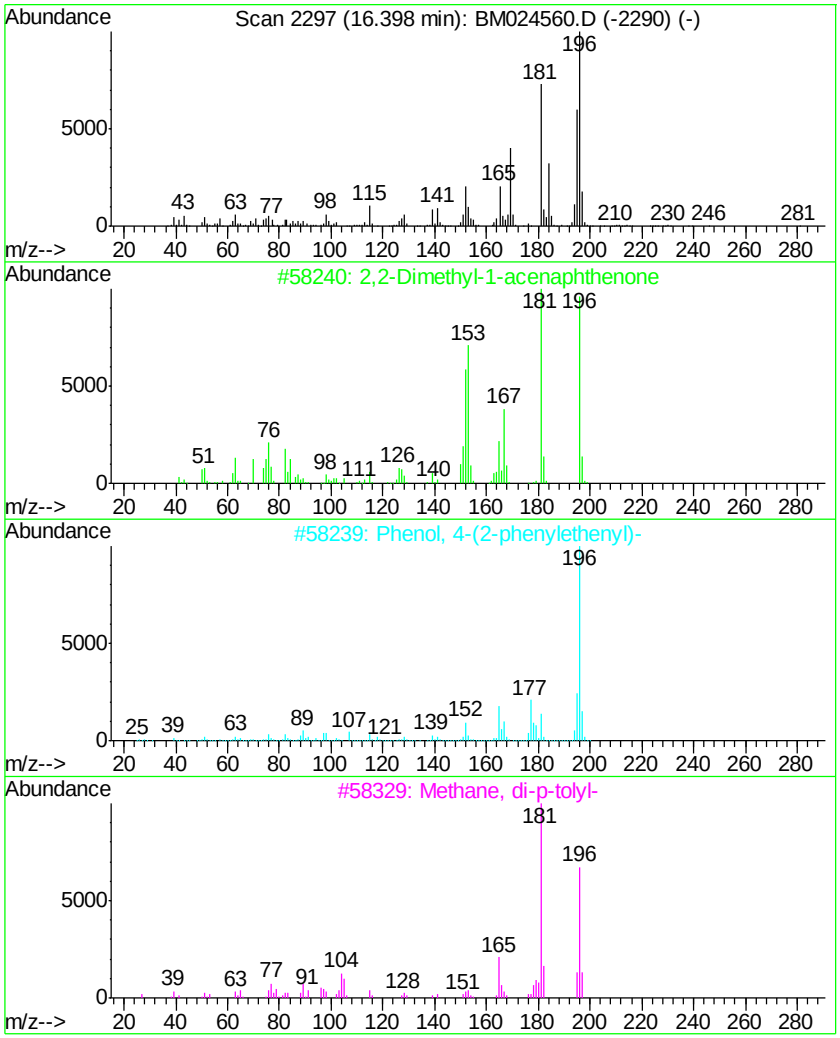
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

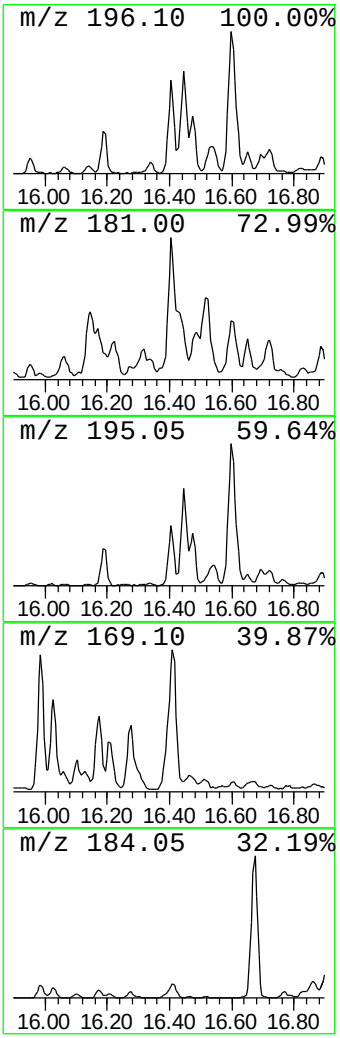
****

Peak Number 19 2,2-Dimethyl-1-acenaphthenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	21.69 ng/ul	3814190	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	60
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	46
4	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	43
5	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	43





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Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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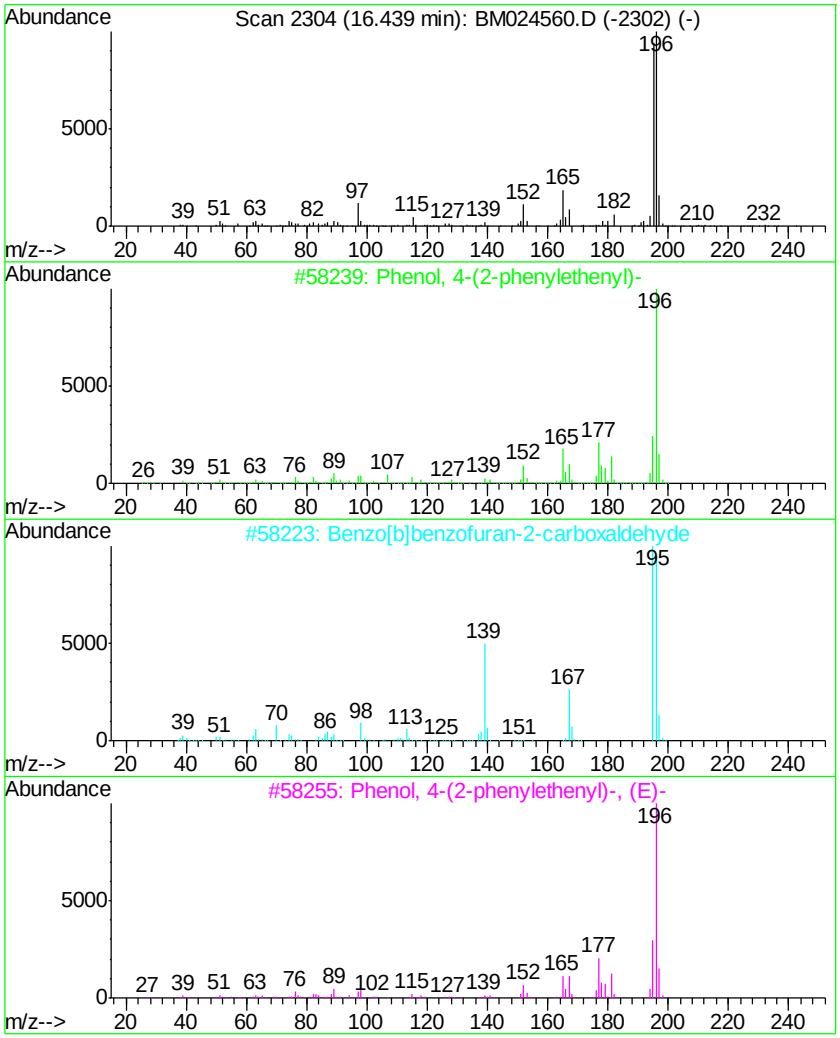
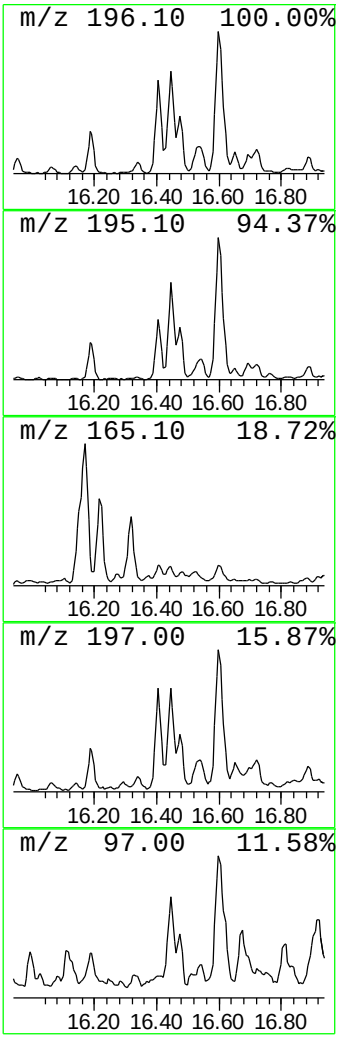
Peak Number 20 Phenol, 4-(2-phenylethenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	13.40 ng/ul	2355940	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	50
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
4	9-Oxa-10-boranthracen-10-ol, 9,1...	196	C12H9BO2	019014-28-9	47
5	Xanthene, 9,9-dimethyl-	210	C15H14O	019814-75-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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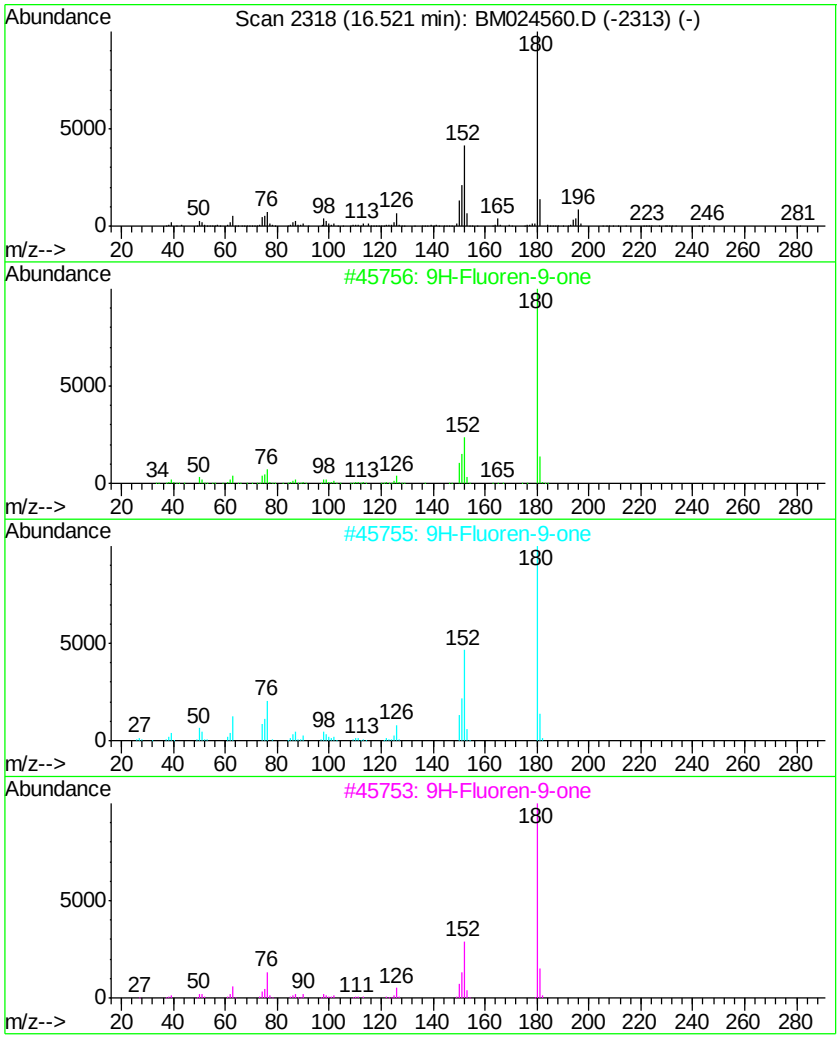
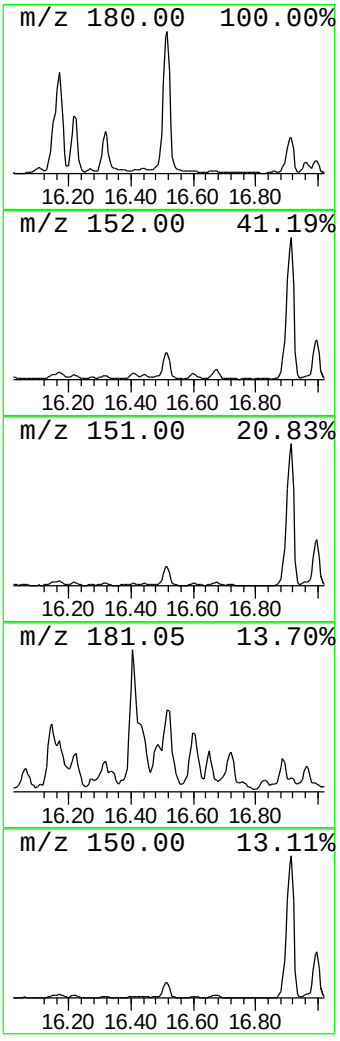
Peak Number 21 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	23.48 ng/ul	4128000	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52





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Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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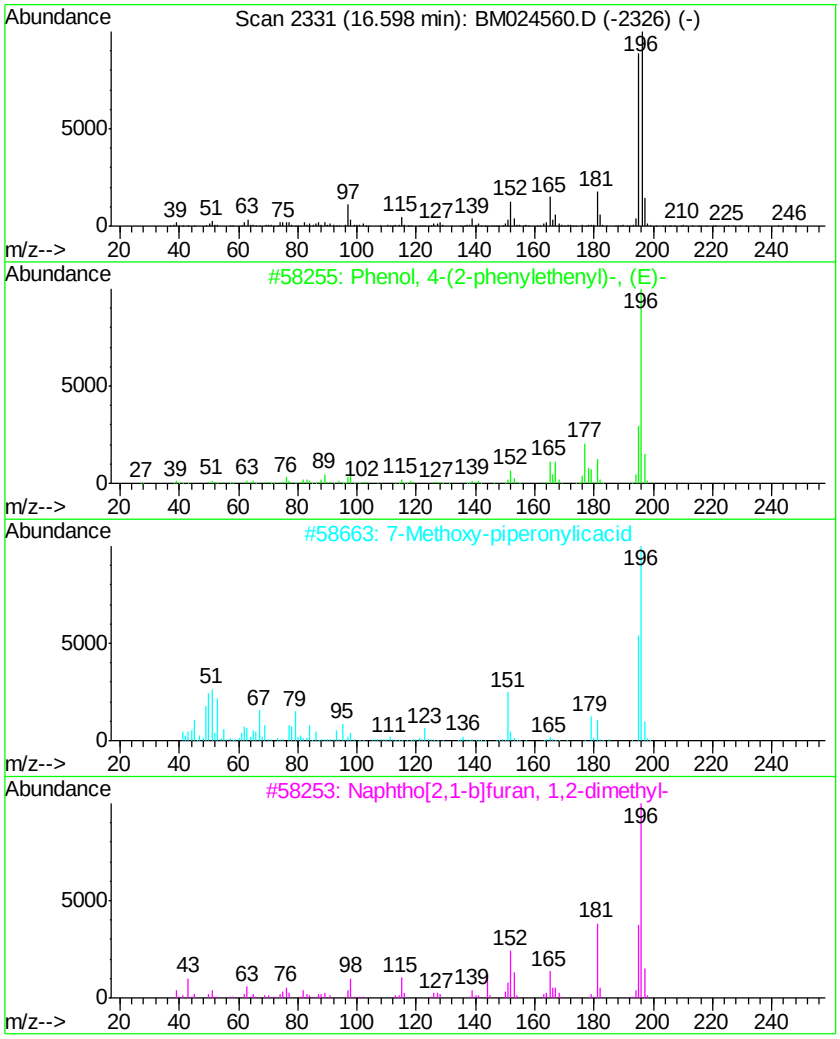
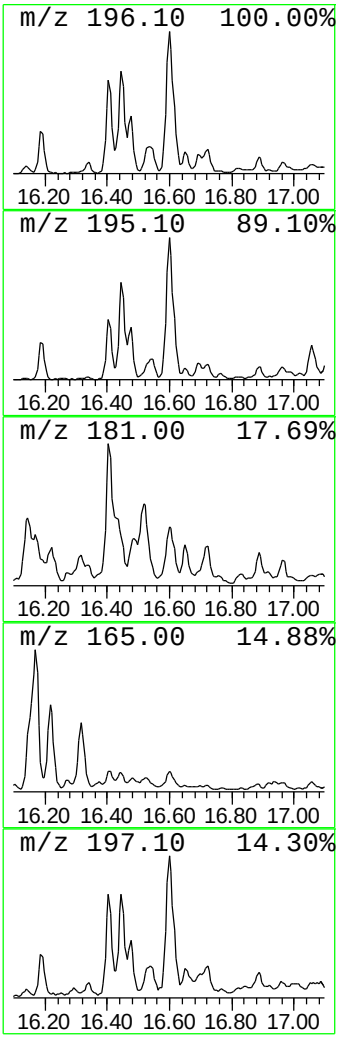
Peak Number 22 Phenol, 4-(2-phenylethenyl)... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	21.00 ng/ul	3692110	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
2	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	50
3	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	50
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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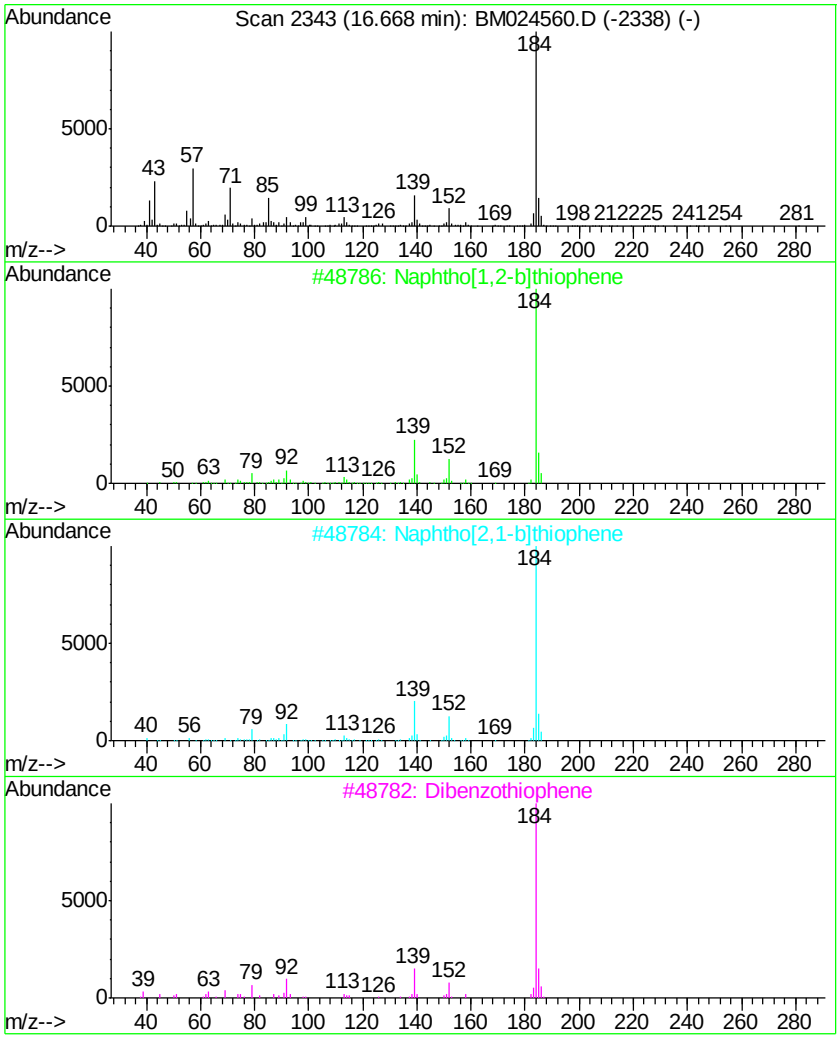
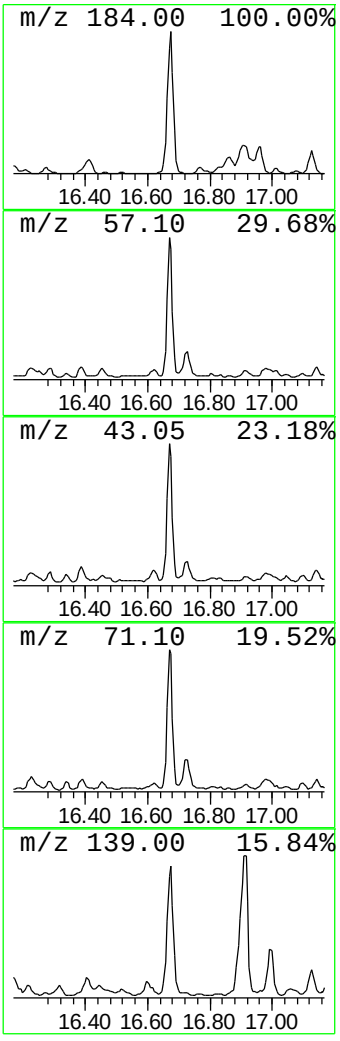
Peak Number 23 Naphtho[1,2-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	37.75 ng/ul	6636800	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





Library Search Compound Report

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Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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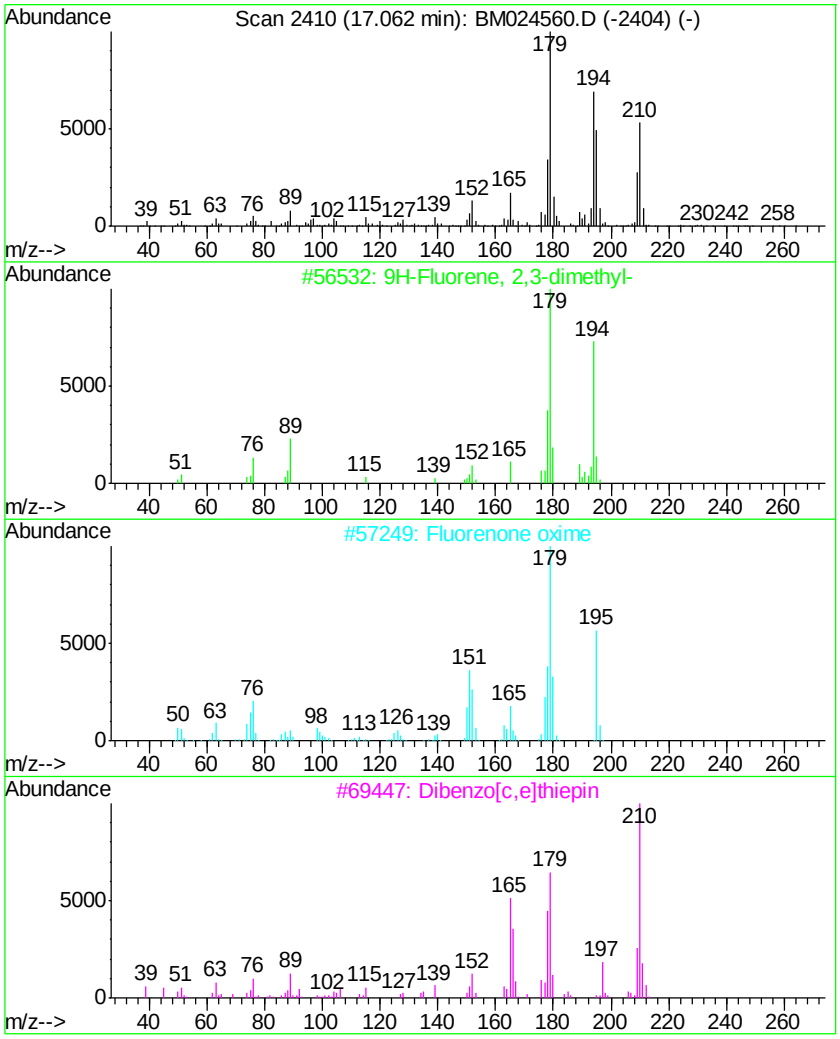
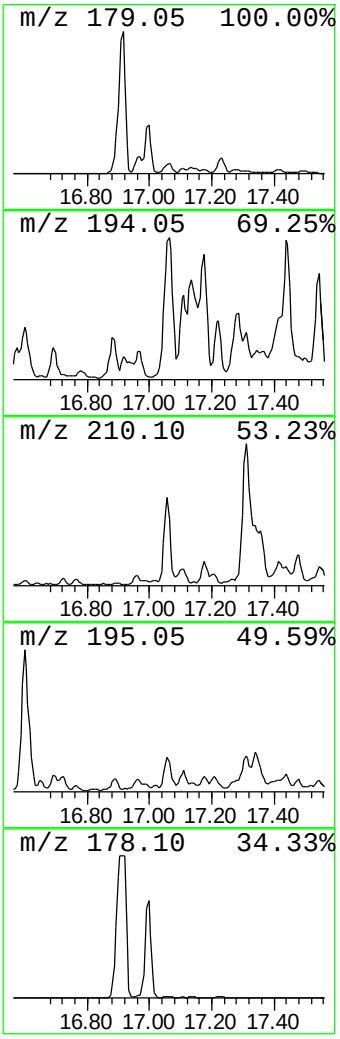
Peak Number 24 9H-Fluorene, 2,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	12.21 ng/ul	2147350	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	64
2	Fluorenone oxime	195	C13H9NO	002157-52-0	50
3	Dibenzo[c,e]thiepin	210	C14H10S	000219-99-8	45
4	Anthracene, 1,2,3,4-tetrahydro-9...	210	C16H18	094573-50-9	43
5	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	41





Library Search Compound Report

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Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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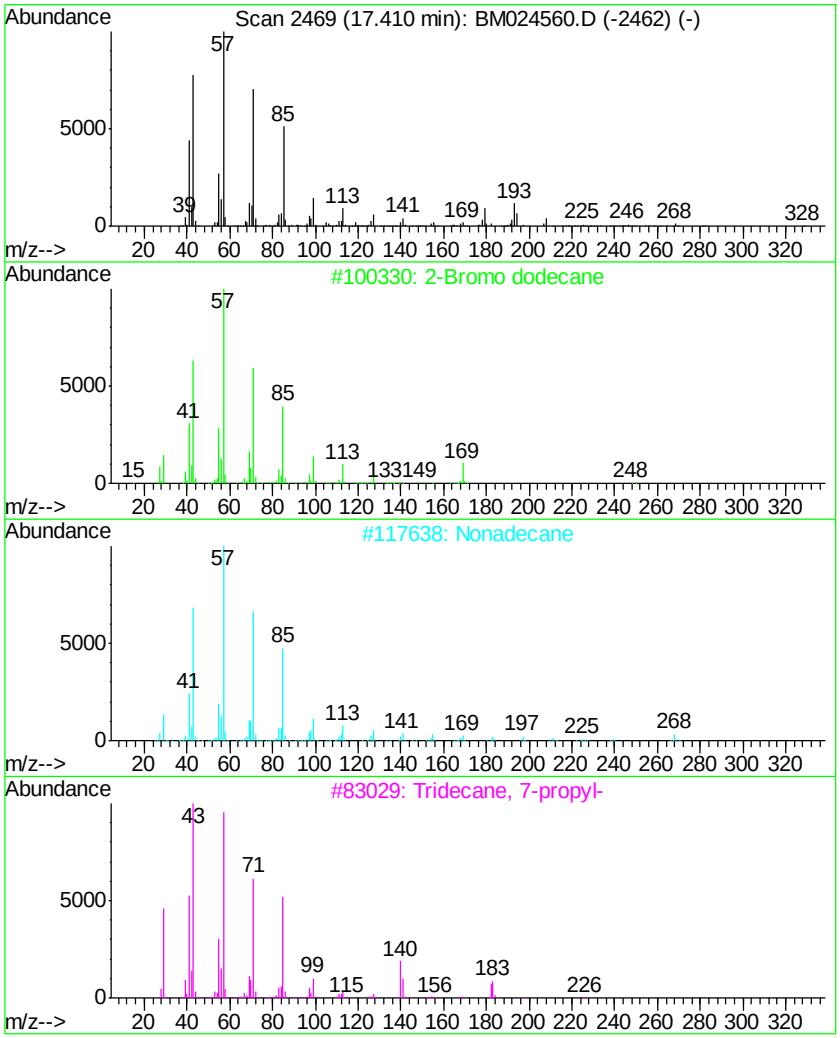
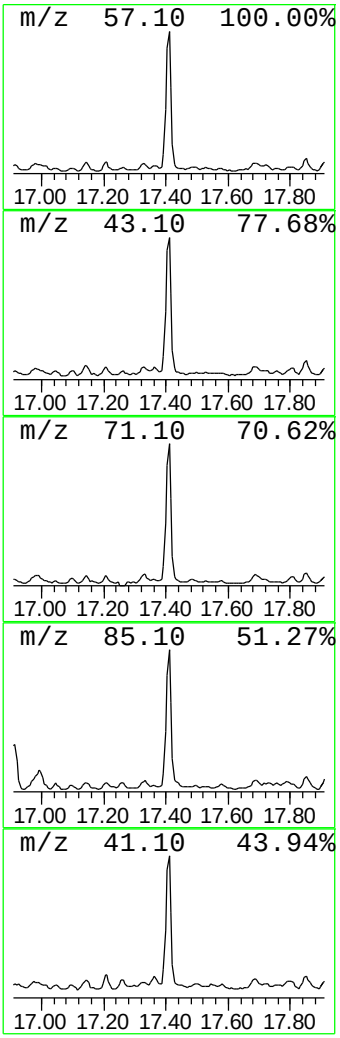
Peak Number 25 2-Bromo dodecane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	16.16 ng/ul	2841710	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Nonadecane	268	C19H40	000629-92-5	89
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	89
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	76
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76





Library Search Compound Report

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Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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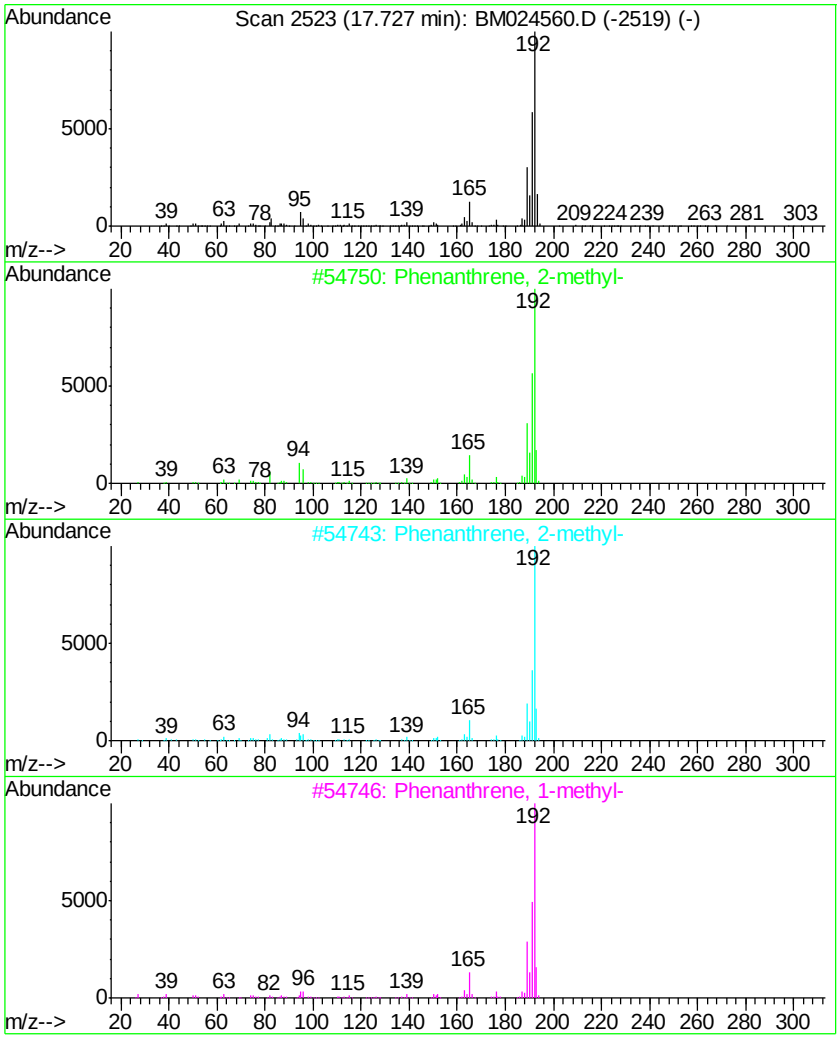
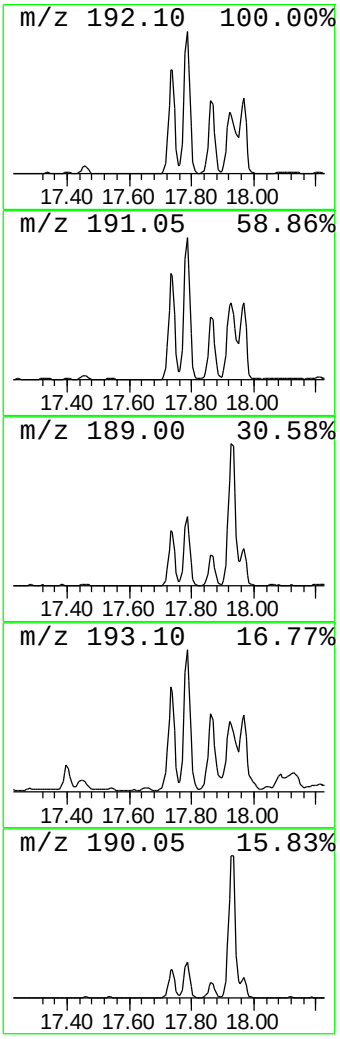
Peak Number 26 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	56.48 ng/ul	9929610	Phenanthrene-d10	16.86

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	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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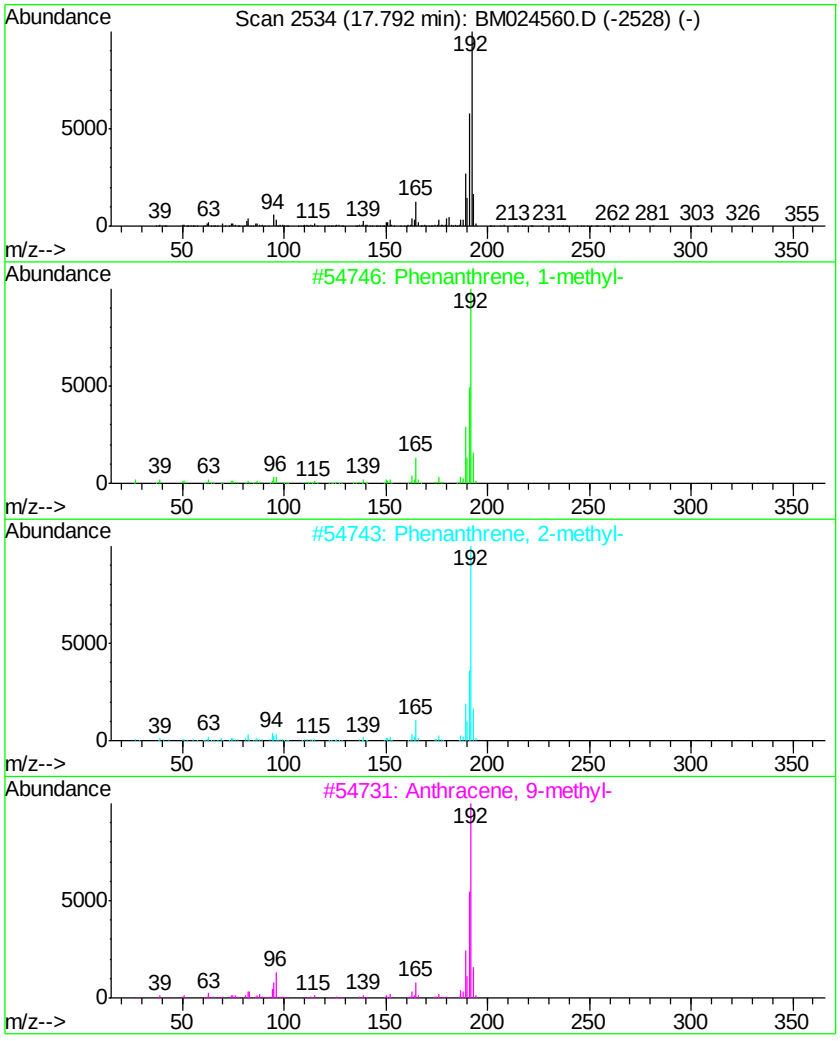
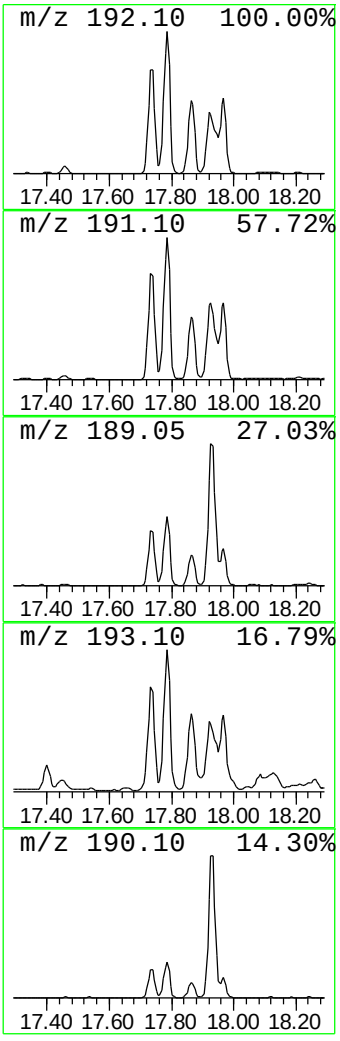
Peak Number 27 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	85.08 ng/ul	14957400	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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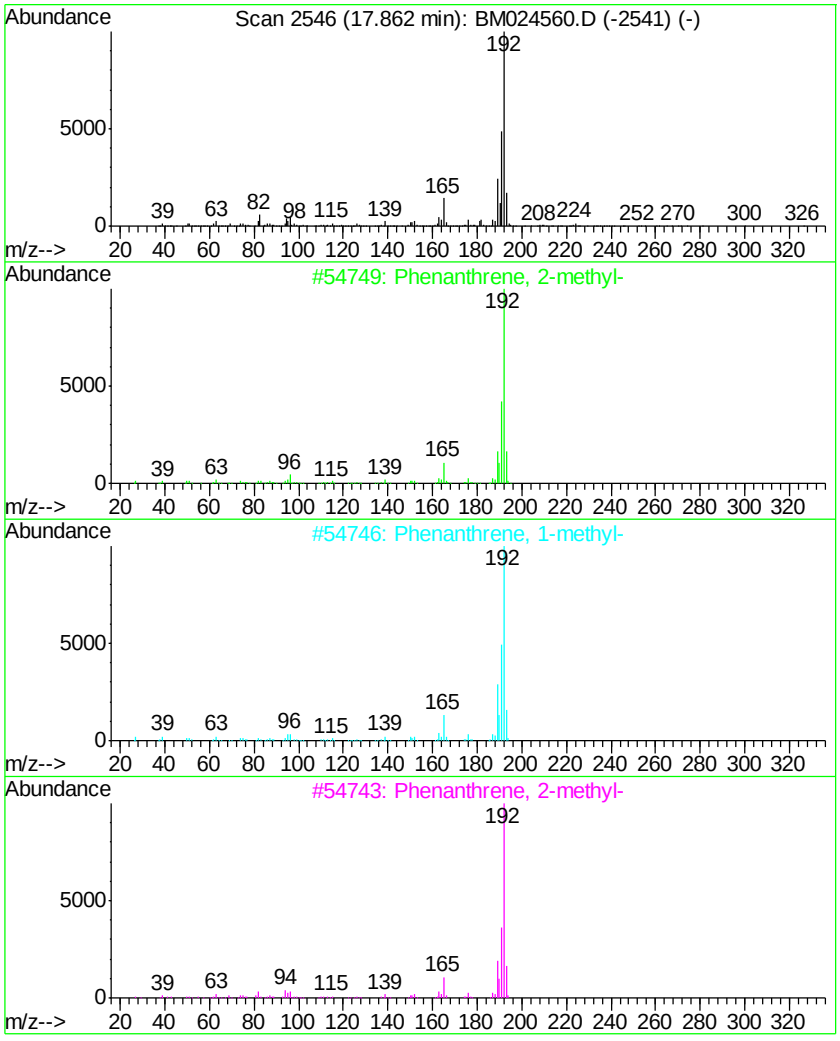
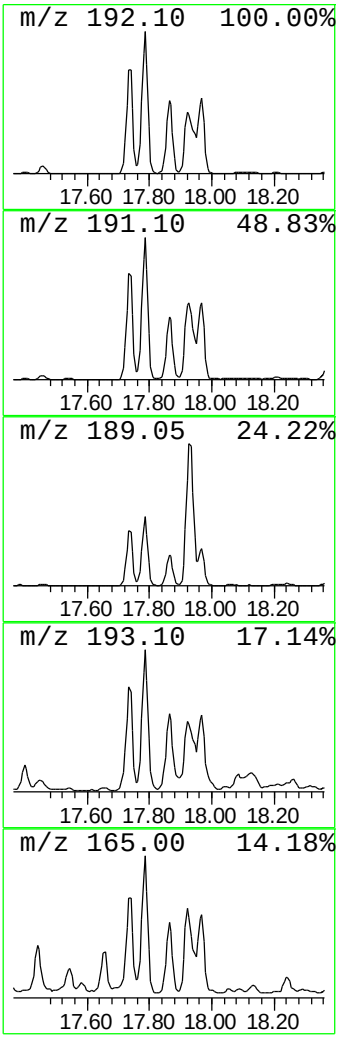
Peak Number 28 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	40.85 ng/ul	7182610	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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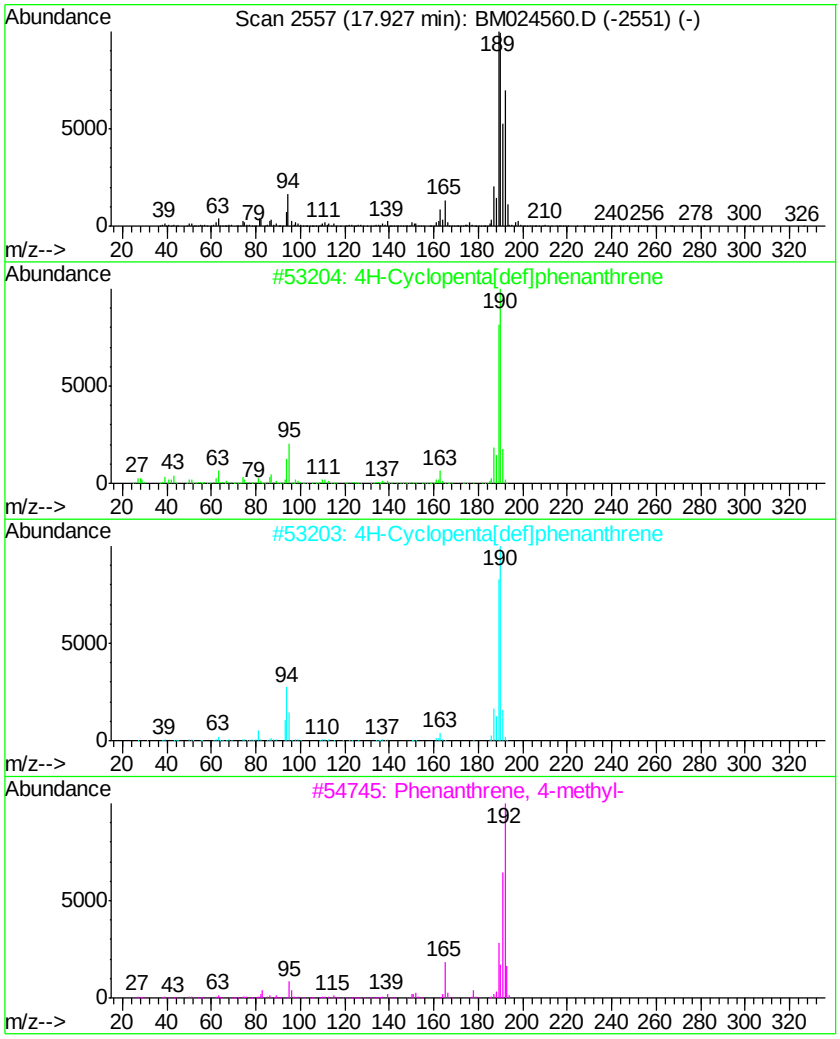
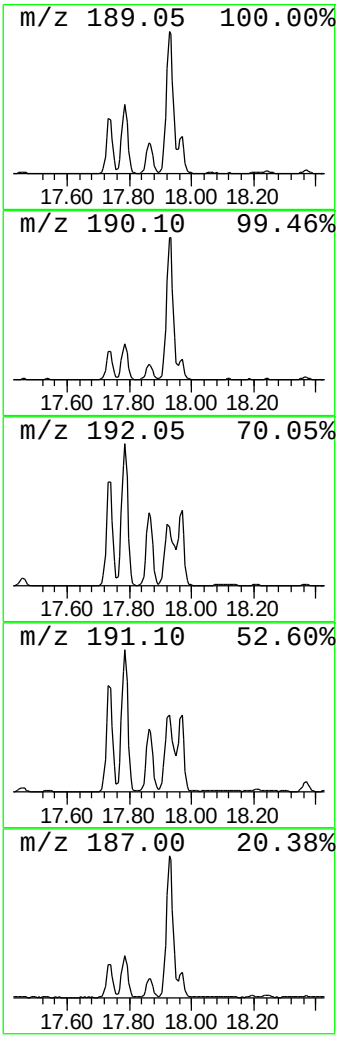
Peak Number 29 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	90.20 ng/ul	15857800	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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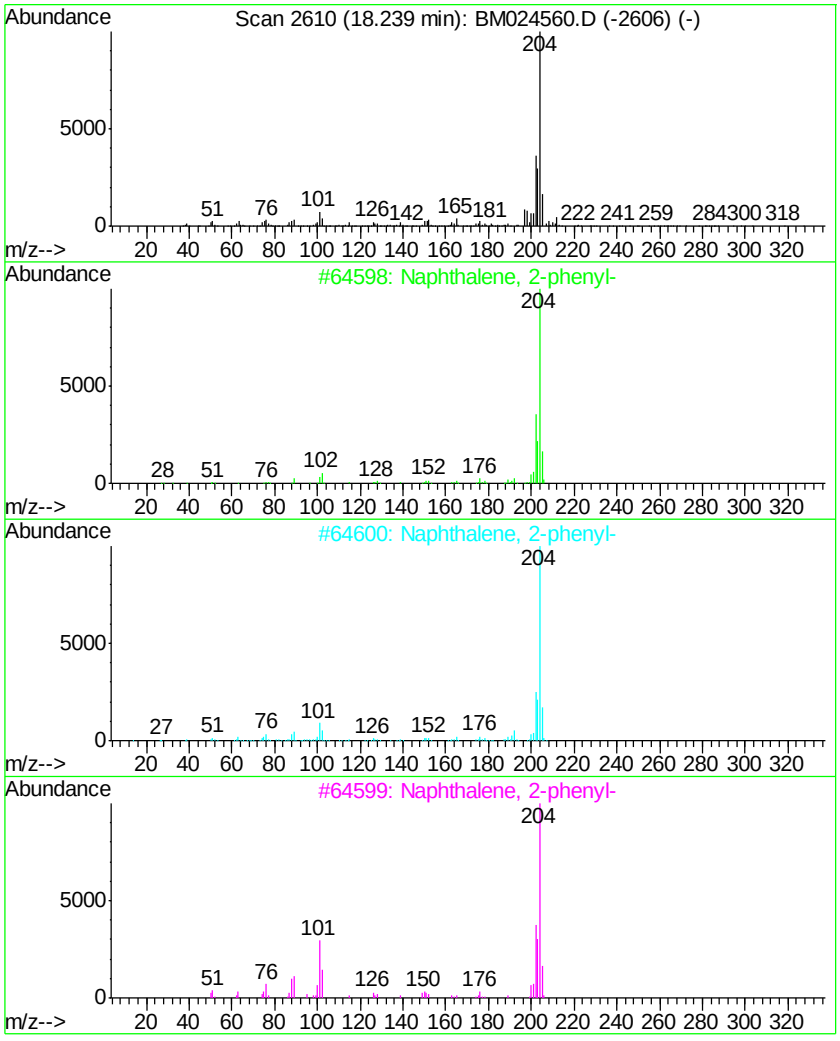
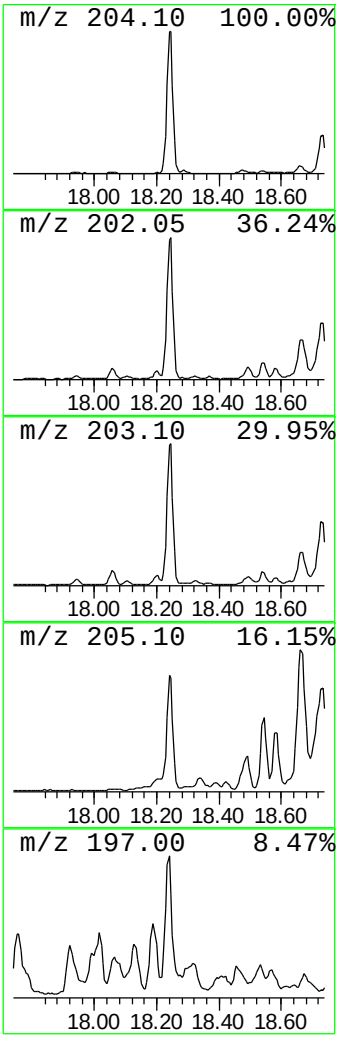
Peak Number 31 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	28.52 ng/ul	5014650	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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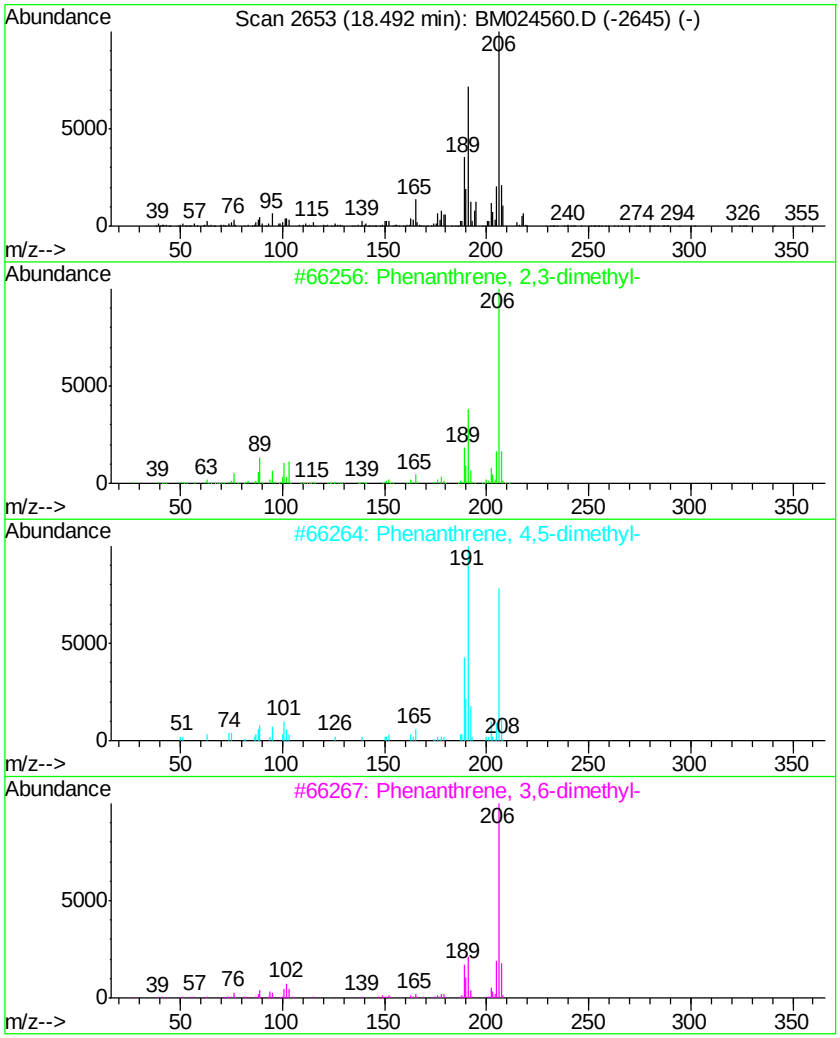
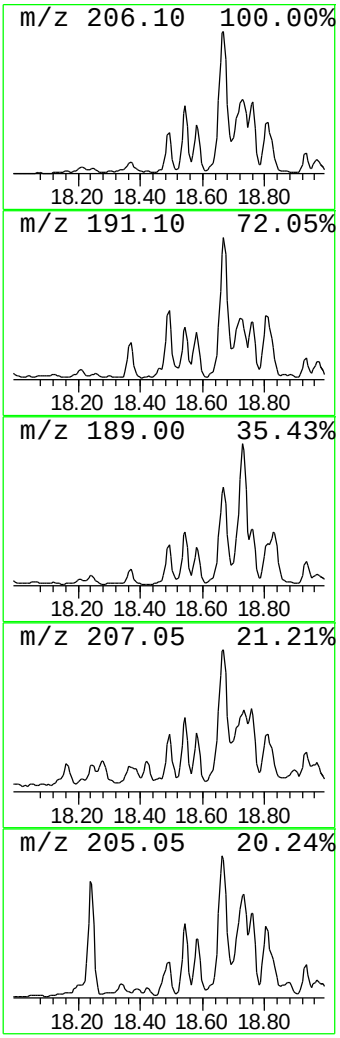
Peak Number 32 Phenanthrene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	14.94 ng/ul	2626950	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Bicyclo[4.2.0]oct...	5.49	10.7	ng/ul	2051260	1	7.45	3820770	20.0
Benzene, 1,2,3-tr...	7.12	20.0	ng/ul	3820770	1	7.45	3820770	20.0
1-Propyne, 3-phenyl-	7.98	9.6	ng/ul	1831560	1	7.45	3820770	20.0
Benzene, 1,2,4,5-...	9.64	22.9	ng/ul	2827890	2	10.22	2466400	20.0
Benzene, 1-butynyl-	9.72	17.9	ng/ul	2205740	2	10.22	2466400	20.0
(DEL) Alkane: Str...	11.69	15.7	ng/ul	1939600	2	10.22	2466400	20.0
Naphthalene, 1-me...	12.12	185.8	ng/ul	22915000	2	10.22	2466400	20.0
Naphthalene, 1,6-...	13.26	23.8	ng/ul	7188880	3	14.10	6036700	20.0
Naphthalene, 2,3-...	13.43	43.5	ng/ul	13116800	3	14.10	6036700	20.0
Naphthalene, 1,5-...	13.66	18.0	ng/ul	5431630	3	14.10	6036700	20.0
Naphthalene, 2,3,...	14.59	10.1	ng/ul	3041850	3	14.10	6036700	20.0
Naphthalene, 1,6,...	14.74	11.5	ng/ul	3481770	3	14.10	6036700	20.0
Naphthalene, 1,4,...	14.79	9.1	ng/ul	2750950	3	14.10	6036700	20.0
Dibenzofuran, 4-m...	15.46	15.4	ng/ul	4642850	3	14.10	6036700	20.0
2,4,6-Cycloheptat...	15.61	48.7	ng/ul	8560360	4	16.86	3516240	20.0
9H-Fluorene, 2-me...	16.17	39.0	ng/ul	6849220	4	16.86	3516240	20.0
9H-Fluorene, 1-me...	16.22	15.9	ng/ul	2796430	4	16.86	3516240	20.0
9H-Fluorene, 3-me...	16.32	12.3	ng/ul	2167140	4	16.86	3516240	20.0
2,2-Dimethyl-1-ac...	16.40	21.7	ng/ul	3814190	4	16.86	3516240	20.0
Phenol, 4-(2-phen...	16.44	13.4	ng/ul	2355940	4	16.86	3516240	20.0
9H-Fluoren-9-one	16.52	23.5	ng/ul	4128000	4	16.86	3516240	20.0
Phenol, 4-(2-phen...	16.60	21.0	ng/ul	3692110	4	16.86	3516240	20.0
Naphtho[1,2-b]thi...	16.67	37.8	ng/ul	6636800	4	16.86	3516240	20.0
9H-Fluorene, 2,3-...	17.06	12.2	ng/ul	2147350	4	16.86	3516240	20.0
2-Bromo dodecane	17.41	16.2	ng/ul	2841710	4	16.86	3516240	20.0
Phenanthrene, 2-m...	17.73	56.5	ng/ul	9929610	4	16.86	3516240	20.0
Phenanthrene, 1-m...	17.79	85.1	ng/ul	14957400	4	16.86	3516240	20.0
1H-Cyclopropa[l]p...	17.86	40.9	ng/ul	7182610	4	16.86	3516240	20.0
4H-Cyclopenta[def...	17.93	90.2	ng/ul	15857800	4	16.86	3516240	20.0
Naphthalene, 2-ph...	18.24	28.5	ng/ul	5014650	4	16.86	3516240	20.0
Phenanthrene, 2,3...	18.49	14.9	ng/ul	2626950	4	16.86	3516240	20.0