LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024563.D
Acq On : 21 Jan 2020 15:08
Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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	6.645	629	639	649	rBV	601197	948026	13.93%	0.922%
2	6.804	660	666	678	rBV	412732	631555	9.28%	0.614%
3	6.992	690	698	709	rBV	622158	968353	14.23%	0.942%
4	7.451	769	776	787	rBV	835141	1280539	18.82%	1.245%
5	8.163	891	897	909	rBV	788901	1223829	17.98%	1.190%
6	8.592	956	970	979	rBV	609047	1008799	14.82%	0.981%
7	9.304	1085	1091	1101	rVB	553438	889437	13.07%	0.865%
8	9.839	1176	1182	1192	rVV	873784	1422189	20.90%	1.383%
9	10.210	1238	1245	1251	rVV	1213644	2023629	29.74%	1.968%
10	10.257	1251	1253	1261	rVV	169377	260135	3.82%	0.253%
11	10.351	1261	1269	1276	rVV	753726	1281058	18.82%	1.246%
12	11.886	1524	1530	1538	rVB	305152	476823	7.01%	0.464%
13	12.110	1557	1568	1576	rVB	696262	1095532	16.10%	1.065%
14	12.927	1702	1707	1711	rBV	202281	305271	4.49%	0.297%
15	13.257	1753	1763	1764	rBV	249140	314927	4.63%	0.306%
16	13.421	1782	1791	1796	rBV	453467	786975	11.56%	0.765%
17	13.474	1796	1800	1803	rBV	307747	397168	5.84%	0.386%
18	13.521	1803	1808	1813	rBV	1664841	2169023	31.87%	2.110%
19	13.569	1813	1816	1821	rVB	178958	242946	3.57%	0.236%
20	13.657	1825	1831	1835	rBV	220369	336015	4.94%	0.327%
21	13.786	1846	1853	1857	rBV	1885676	2812861	41.33%	2.736%
22	14.098	1900	1906	1913	rVV2	2052846	3212668	47.21%	3.125%
23	14.163	1913	1917	1921	rVV	165537	238883	3.51%	0.232%
24	14.316	1937	1943	1955	rBV2	694010	1197644	17.60%	1.165%
25	14.504	1965	1975	1984	rVV2	621132	1130102	16.61%	1.099%
26	14.592	1985	1990	1996	rVB	152781	210509	3.09%	0.205%
27	14.733	2006	2014	2019	rVV2	130713	264511	3.89%	0.257%
28	14.786	2019	2023	2030	rVB	140908	199672	2.93%	0.194%
29	15.104	2071	2077	2082	rVV	2431156	3360778	49.39%	3.269%
30	15.157	2082	2086	2092	rVB	933666	1280187	18.81%	1.245%
31	15.227	2092	2098	2105	rBV	758787	1102620	16.20%	1.072%
32	15.457	2132	2137	2141	rBV	273789	374922	5.51%	0.365%
33	15.604	2157	2162	2170	rVB	303241	628696	9.24%	0.611%
34	16.168	2248	2258	2262	rBV3	219241	462197	6.79%	0.450%

LSC Area Percent Report

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Acq On : 21 Jan 2020 15:08
Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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	16.215	2262	2266	2272	rVB	137571	211200	3.10%	0.205%
36	16.404	2289	2298	2301	rBV2	159743	284476	4.18%	0.277%
37	16.439	2301	2304	2307	rVV3	109351	156047	2.29%	0.152%
38	16.504	2311	2315	2324	rVB	187941	346194	5.09%	0.337%
39	16.592	2324	2330	2336	rBV	147559	278696	4.10%	0.271%
40	16.668	2336	2343	2349	rVB	247928	363896	5.35%	0.354%
41	16.851	2362	2374	2378	rBV	2757696	4020882	59.09%	3.911%
42	16.892	2378	2381	2386	rVV	3442102	4586421	67.40%	4.461%
43	16.951	2386	2391	2394	rVV2	2812677	3920398	57.61%	3.813%
44	16.980	2394	2396	2404	rVB	1026468	1323352	19.45%	1.287%
45	17.057	2404	2409	2415	rBV3	106410	235105	3.45%	0.229%
46	17.251	2438	2442	2447	rBV	242536	313328	4.60%	0.305%
47	17.433	2470	2473	2480	rVB2	105039	174119	2.56%	0.169%
48	17.580	2494	2498	2505	rVB2	101883	162176	2.38%	0.158%
49	17.727	2513	2523	2527	rBV	649737	967416	14.22%	0.941%
50	17.780	2527	2532	2540	rVB	914502	1488109	21.87%	1.447%
51	17.856	2540	2545	2550	rBV	405913	558566	8.21%	0.543%
52	17.921	2550	2556	2560	rVV3	797767	1458978	21.44%	1.419%
53	17.956	2560	2562	2571	rVB	468645	581919	8.55%	0.566%
54	18.233	2605	2609	2613	rVV	345781	508211	7.47%	0.494%
55	18.268	2613	2615	2622	rVB2	181108	222039	3.26%	0.216%
56	18.486	2644	2652	2657	rBV	136672	258010	3.79%	0.251%
57	18.574	2664	2667	2672	rVB2	149529	197887	2.91%	0.192%
58	18.662	2673	2682	2686	rBV	360223	711964	10.46%	0.692%
59	18.721	2687	2692	2695	rBV3	204638	352051	5.17%	0.342%
60	18.798	2700	2705	2707	rBV2	200716	295680	4.34%	0.288%
61	18.921	2720	2726	2732	rVB	2755598	3529968	51.87%	3.433%
62	19.074	2748	2752	2756	rBV	163661	220538	3.24%	0.214%
63	19.256	2777	2783	2786	rBV	4007842	6203505	91.16%	6.033%
64	19.286	2786	2788	2792	rVB	2595687	2565179	37.69%	2.495%
65	19.362	2797	2801	2810	rVB2	193040	411720	6.05%	0.400%
66	19.468	2810	2819	2823	rBV	262167	424608	6.24%	0.413%
67	19.521	2826	2828	2836	rVB4	92143	192964	2.84%	0.188%
68	19.627	2838	2846	2850	rBV2	292408	704714	10.36%	0.685%
69	19.756	2863	2868	2870	rVV3	263378	454821	6.68%	0.442%
70	19.786	2870	2873	2878	rVB	553932	771539	11.34%	0.750%
71	19.892	2883	2891	2895	rBV	370912	528609	7.77%	0.514%

LSC Area Percent Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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

72	19.945	2895	2900	2906	rVV2	489601	747513	10.98%	0.727%
73	20.086	2920	2924	2928	rVB	268943	312341	4.59%	0.304%
74	20.133	2928	2932	2937	rBV2	266265	381374	5.60%	0.371%
75	20.362	2965	2971	2973	rBV5	124287	225504	3.31%	0.219%
76	20.539	2997	3001	3008	rVB	259622	430070	6.32%	0.418%
77	20.703	3023	3029	3033	rBV3	182935	419375	6.16%	0.408%
78	20.744	3033	3036	3039	rVV	276346	322462	4.74%	0.314%
79	20.780	3039	3042	3045	rVV	170105	277034	4.07%	0.269%
80	20.821	3045	3049	3060	rVB3	540585	1170184	17.20%	1.138%
81	21.056	3083	3089	3093	rBV2	3950284	6805195	100.00%	6.618%
82	21.097	3093	3096	3107	rVB	1267004	1657738	24.36%	1.612%
83	21.268	3121	3125	3130	rVV5	261740	379543	5.58%	0.369%
84	21.368	3138	3142	3147	rBV3	161785	298594	4.39%	0.290%
85	21.597	3178	3181	3185	rVB	383668	511798	7.52%	0.498%
86	21.650	3187	3190	3193	rVB	193413	213668	3.14%	0.208%
87	21.686	3193	3196	3200	rBV2	269710	346470	5.09%	0.337%
88	21.786	3210	3213	3216	rBV	152558	184455	2.71%	0.179%
89	22.127	3268	3271	3275	rVB	356653	398833	5.86%	0.388%
90	22.556	3339	3344	3348	rBV	661249	1382793	20.32%	1.345%
91	22.603	3349	3352	3357	rVB2	588056	838792	12.33%	0.816%
92	22.715	3368	3371	3377	rVB	168494	245933	3.61%	0.239%
93	22.997	3415	3419	3422	rBV	333458	517811	7.61%	0.504%
94	23.044	3422	3427	3431	rVV	2304929	3733933	54.87%	3.631%
95	23.086	3431	3434	3439	rVB	587161	874866	12.86%	0.851%
96	23.138	3439	3443	3445	rBV	336625	502671	7.39%	0.489%
97	23.180	3445	3450	3455	rVB	1908359	3199538	47.02%	3.112%
98	23.738	3540	3545	3551	rBV	297597	493852	7.26%	0.480%
99	24.433	3659	3663	3678	rVB3	247107	535933	7.88%	0.521%
100	25.238	3795	3800	3813	rVB3	333039	888864	13.06%	0.864%

Sum of corrected areas: 102820901

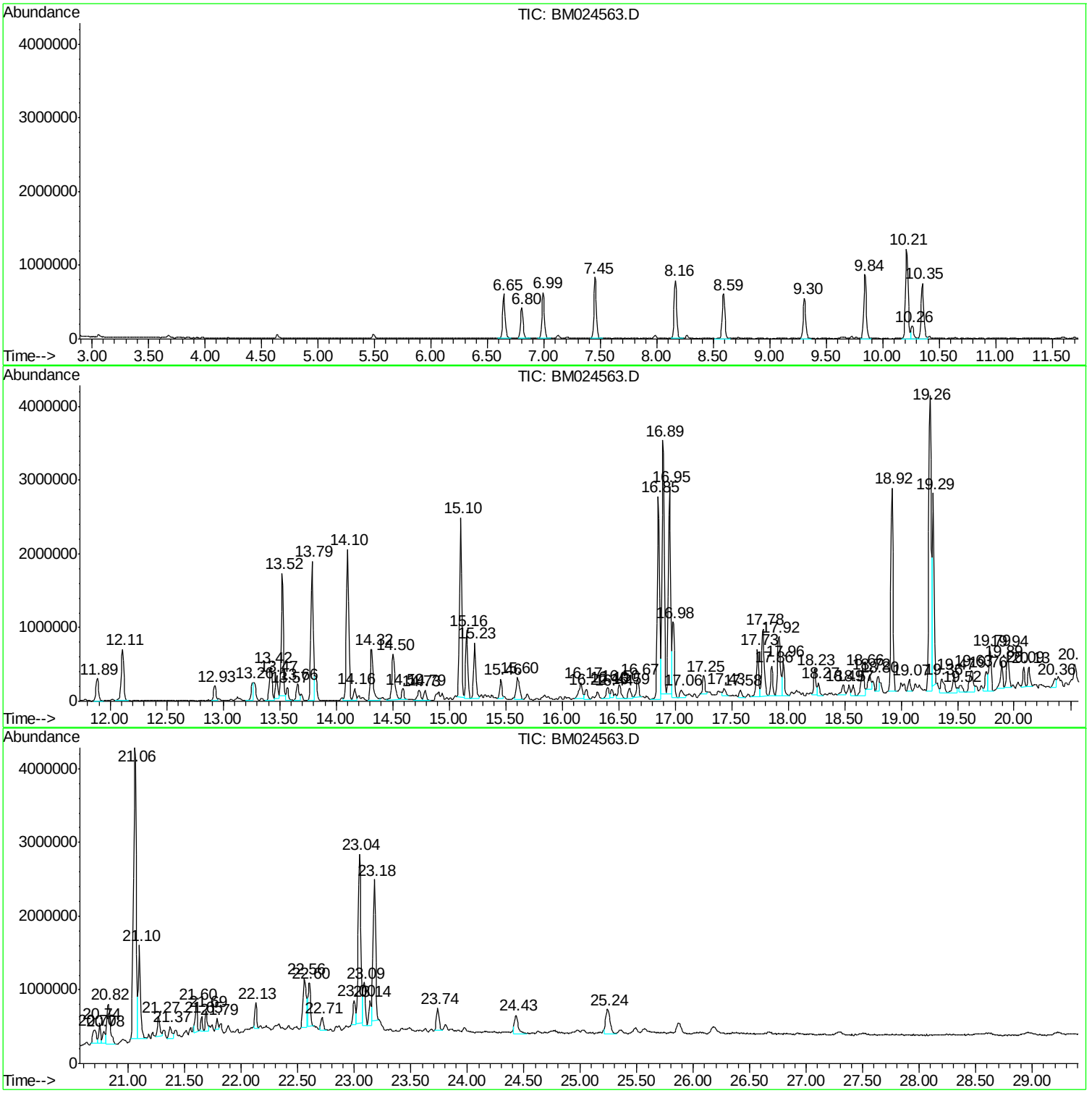
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024563.D
Acq On : 21 Jan 2020 15:08
Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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



Library Search Compound Report

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

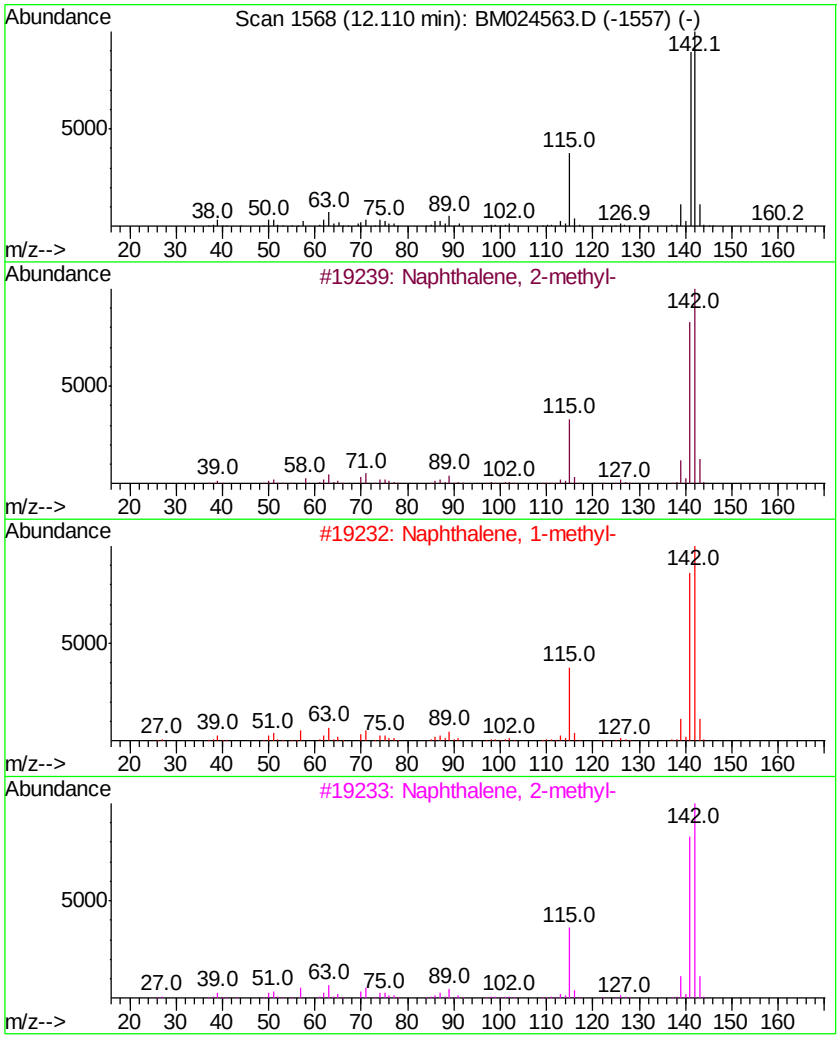
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

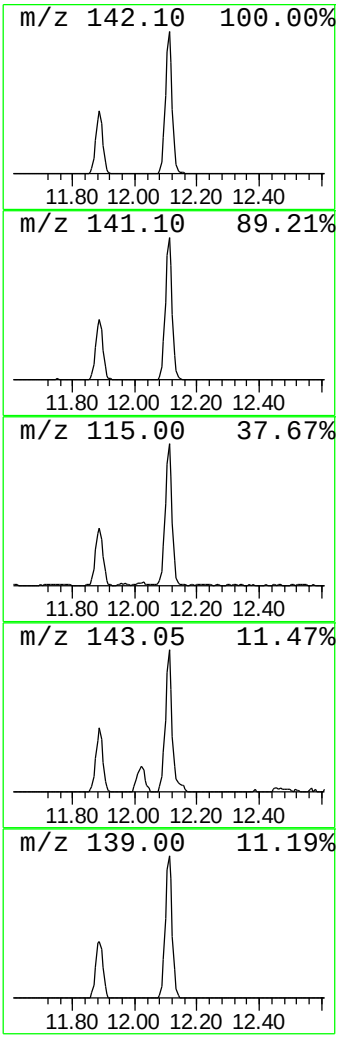
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	10.83 ng/ul	1095530	Naphthalene-d8	10.21

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	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
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Acq On : 21 Jan 2020 15:08
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Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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

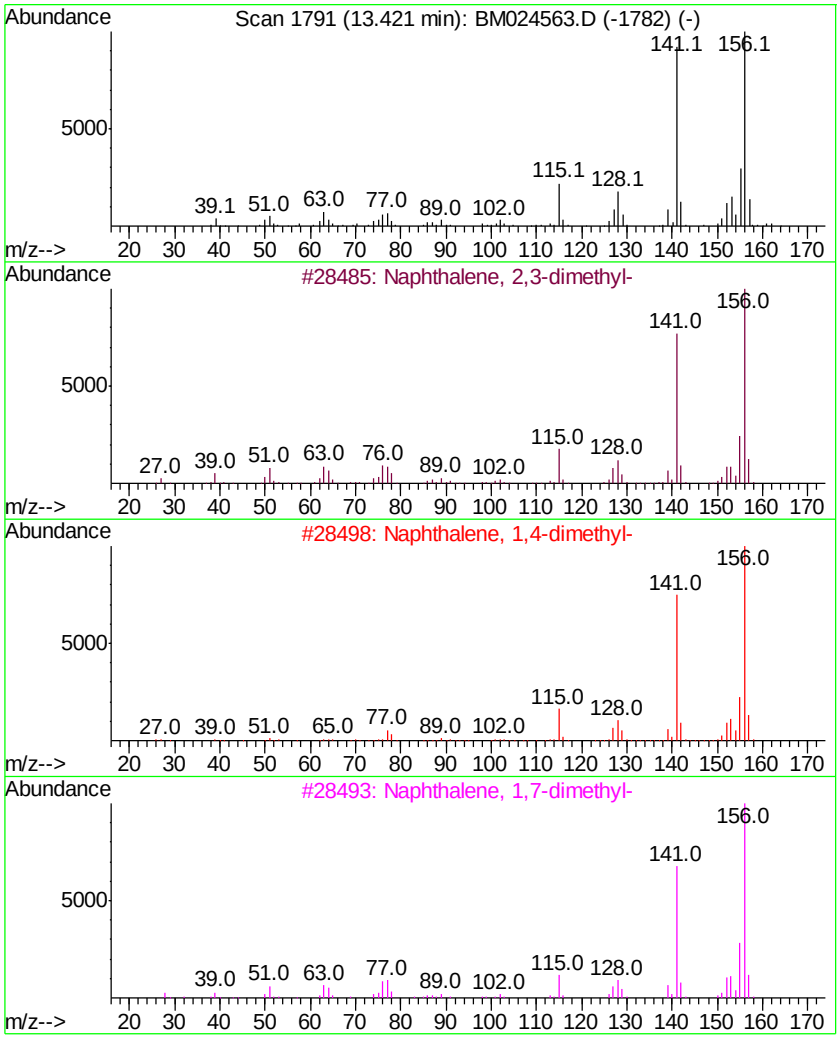
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

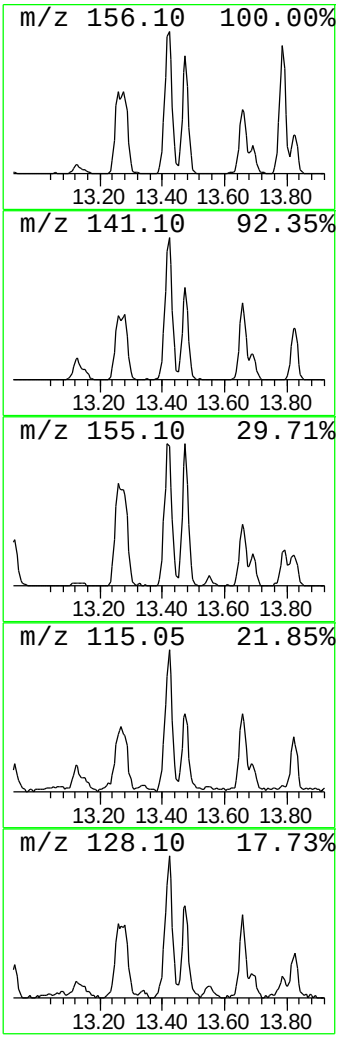
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.90 ng/ul	786975	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, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

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ClientSampleId : GASH3

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

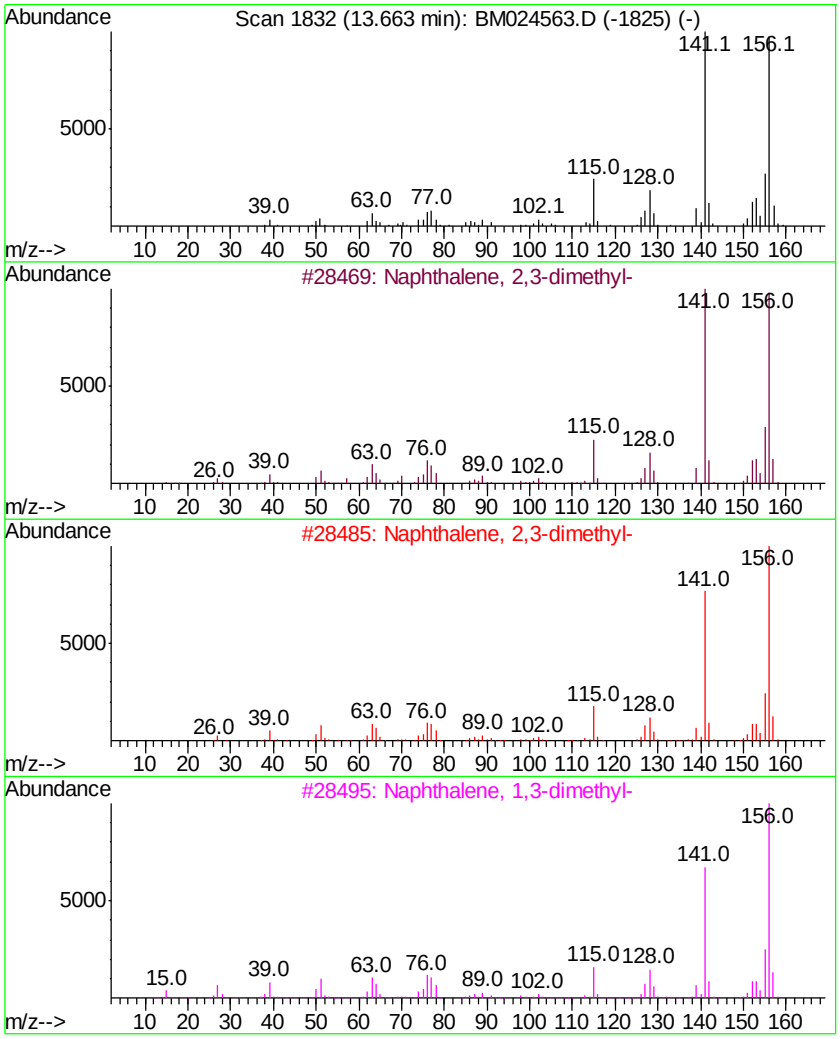
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

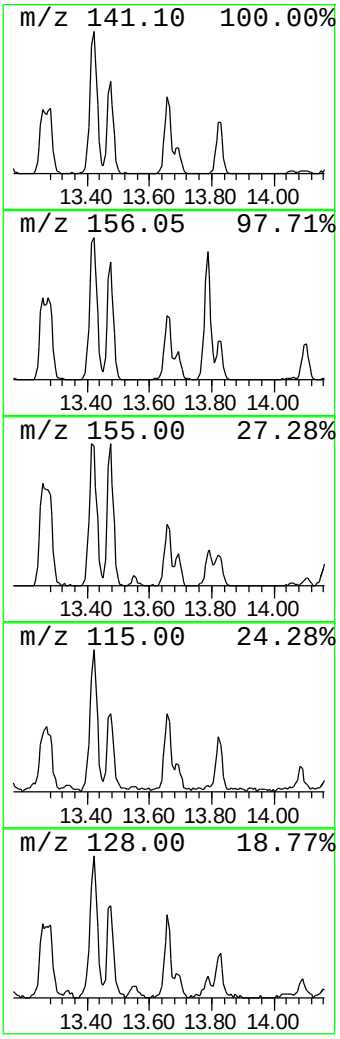
****

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.09 ng/ul	336015	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	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Library Search Compound Report

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Data File : BM024563.D
Acq On : 21 Jan 2020 15:08
Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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

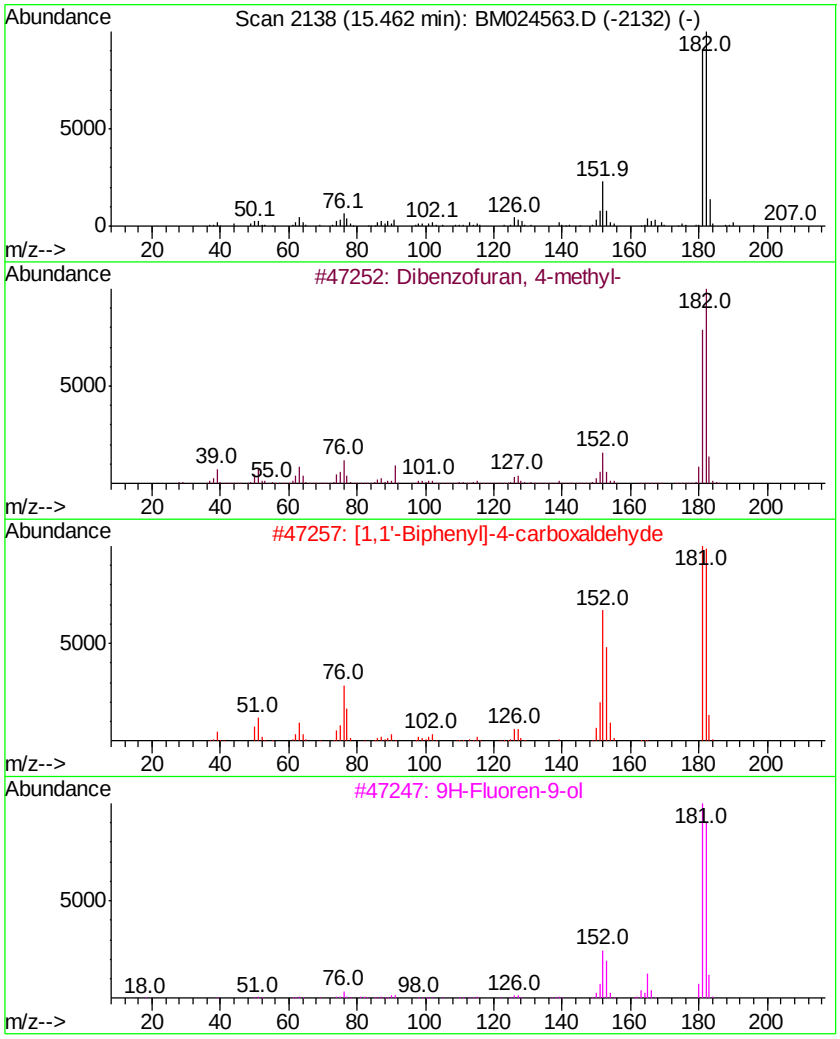
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

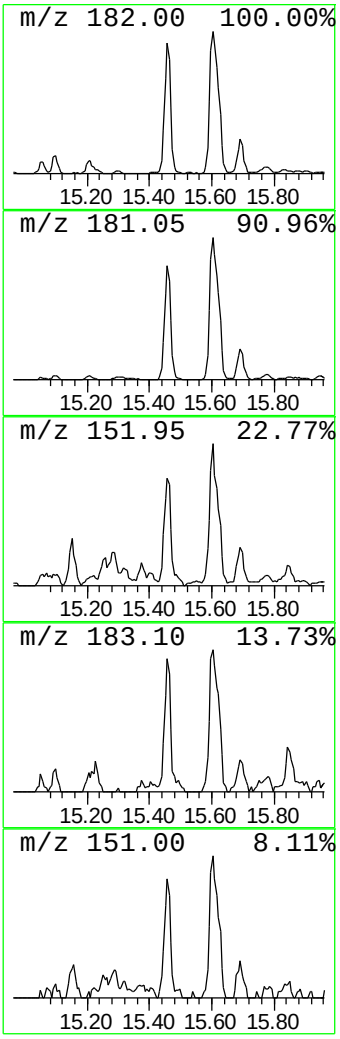
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.33 ng/ul	374922	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81





Library Search Compound Report

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Data File : BM024563.D
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Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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

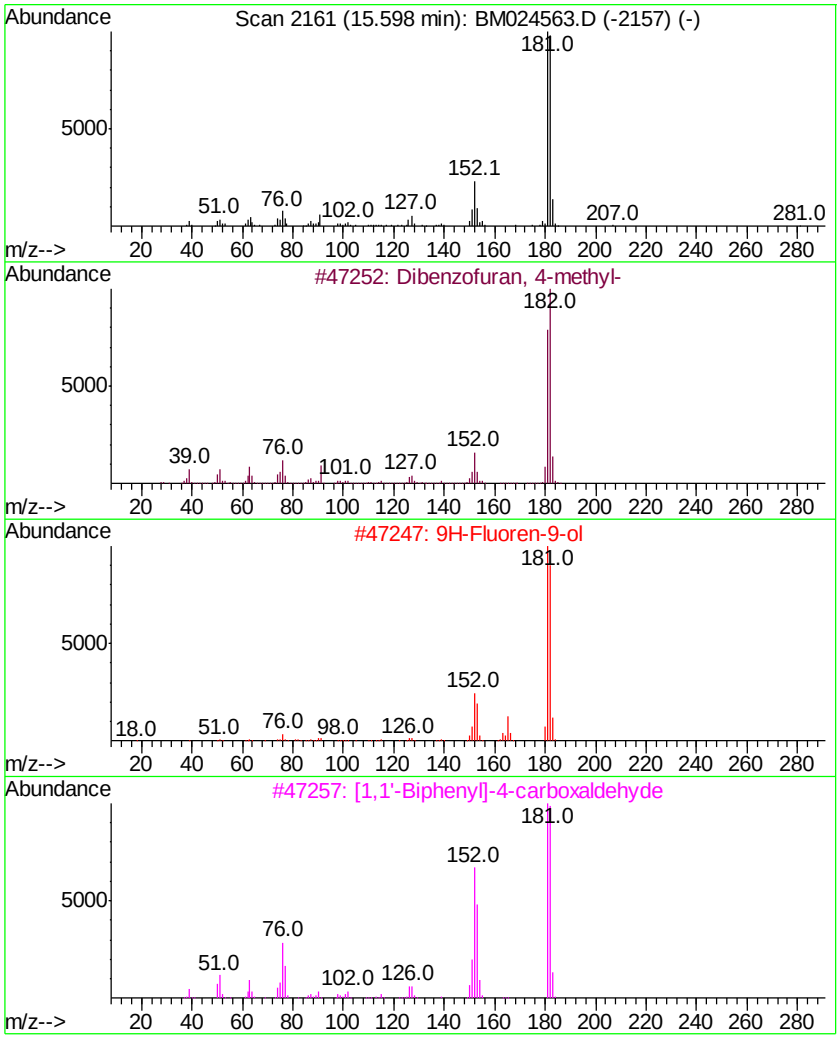
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

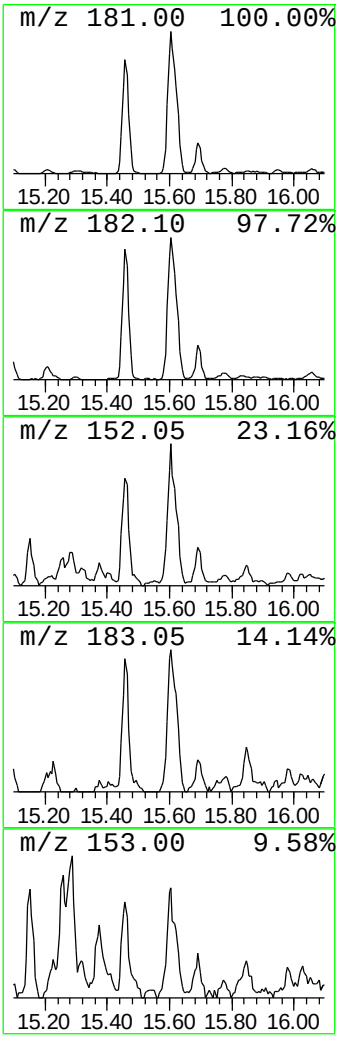
****

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	3.13 ng/ul	628696	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83





Library Search Compound Report

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Acq On : 21 Jan 2020 15:08
Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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Quant Title : SVOA CALIBRATION

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

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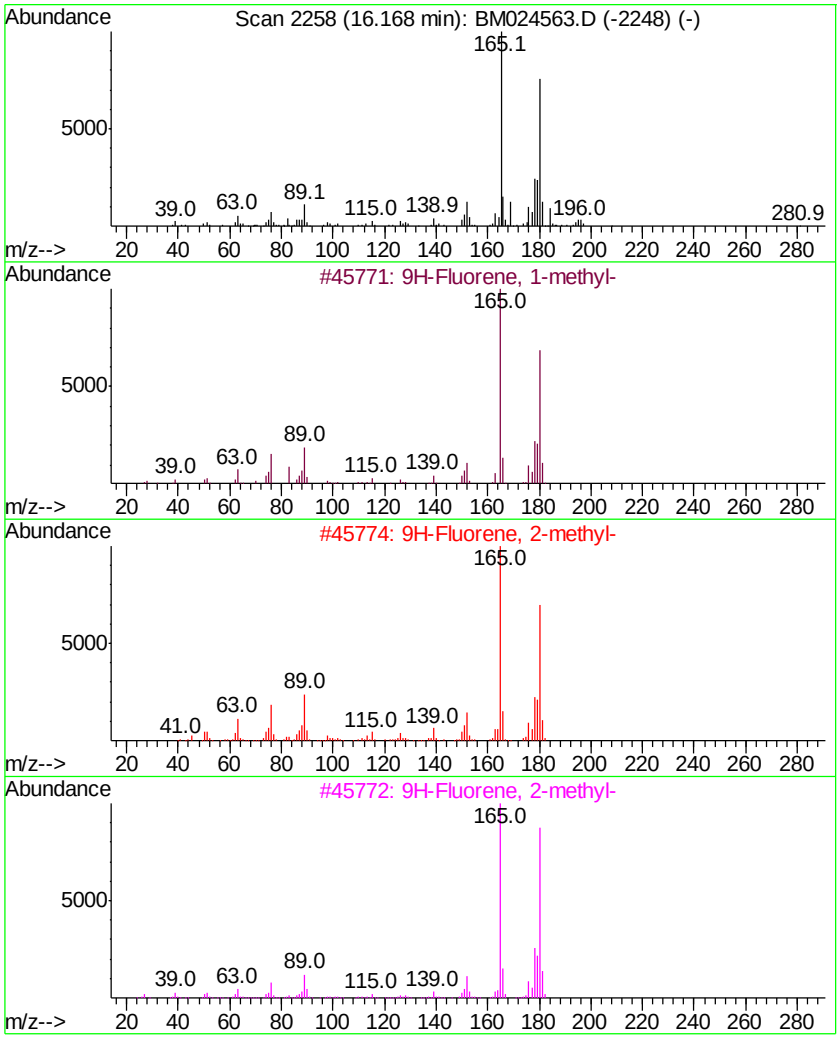
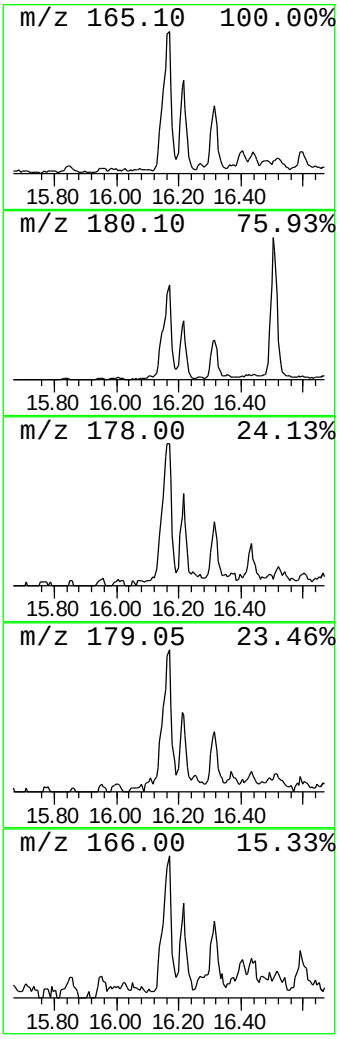
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.30 ng/ul	462197	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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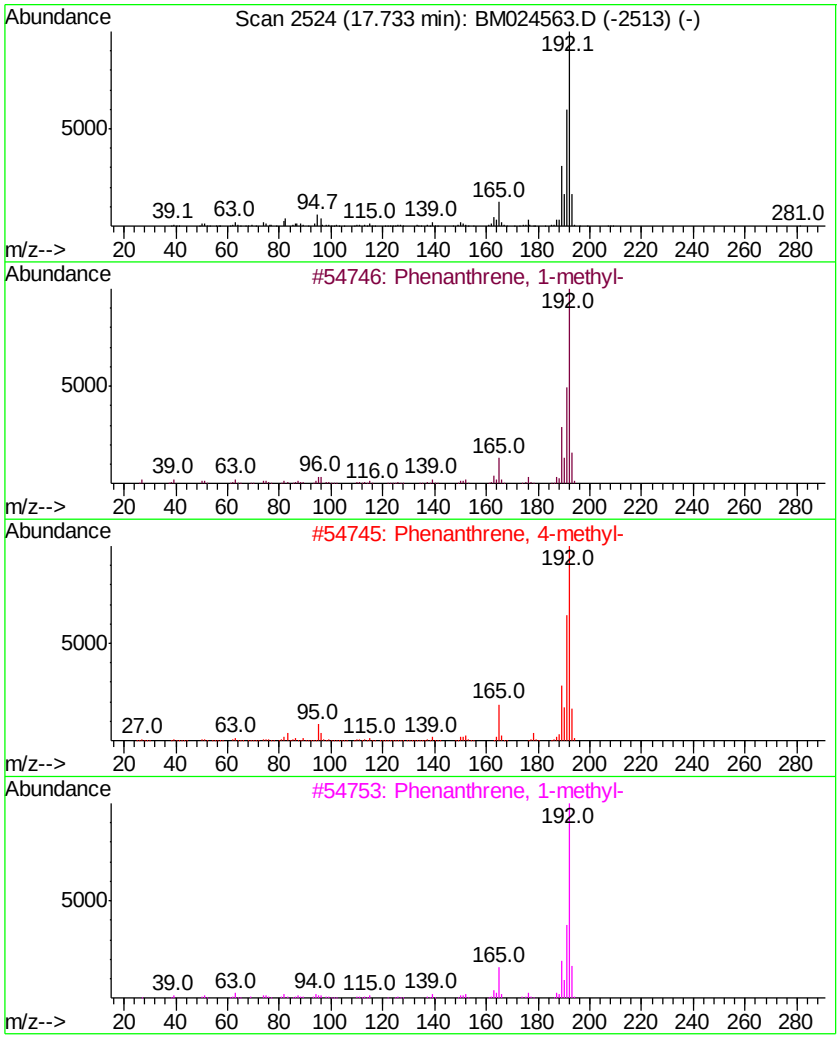
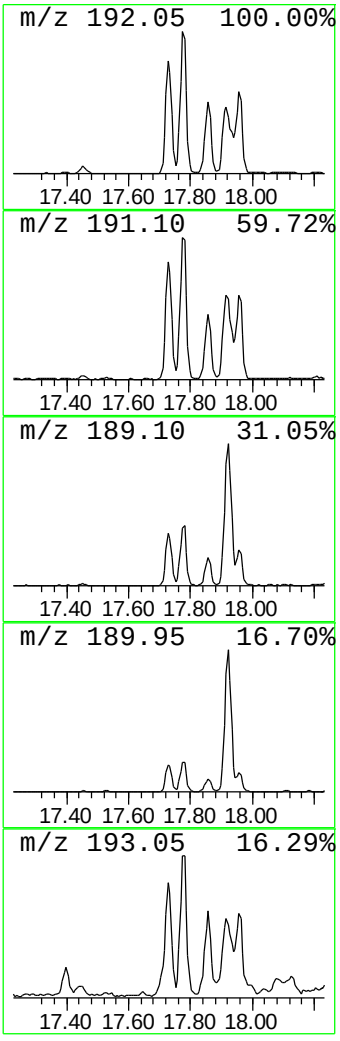
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	4.81 ng/ul	967416	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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ClientSampleId : GASH3

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Quant Title : SVOA CALIBRATION

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

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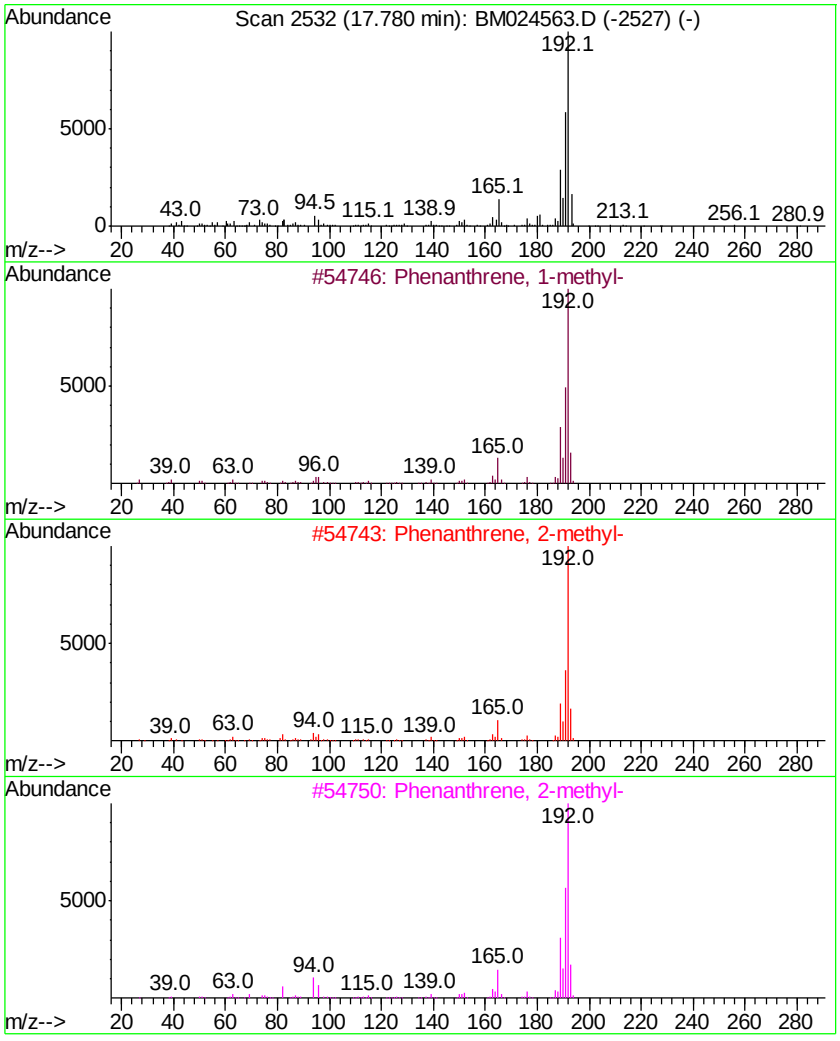
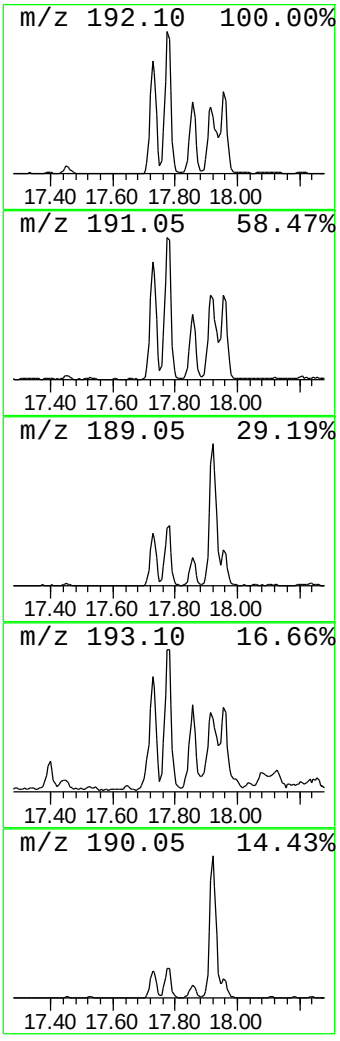
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	7.40 ng/ul	1488110	Phenanthrene-d10	16.85

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Instrument : BNA_M
ClientSampleId : GASH3

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Quant Title : SVOA CALIBRATION

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

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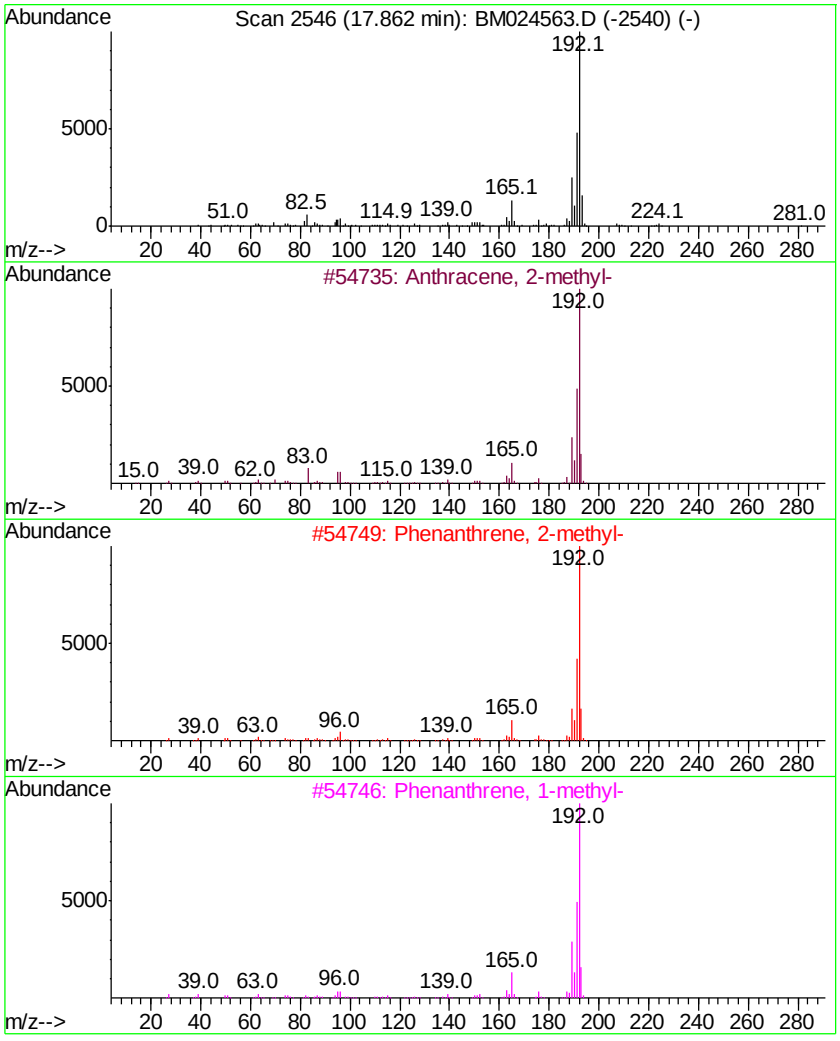
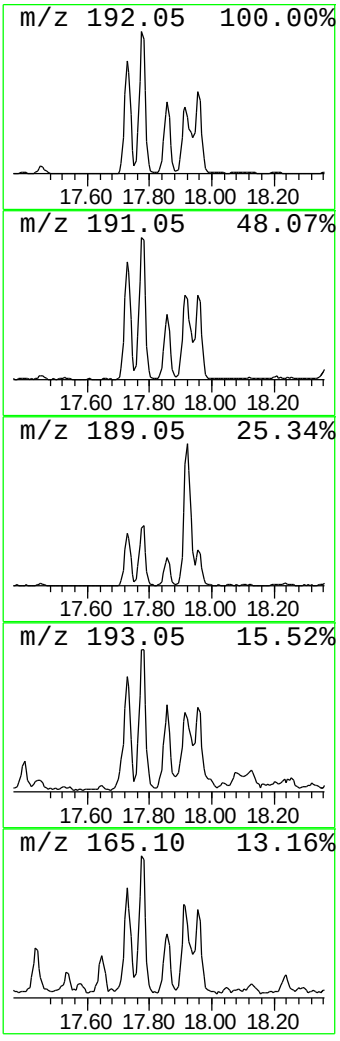
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.78 ng/ul	558566	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Quant Title : SVOA CALIBRATION

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

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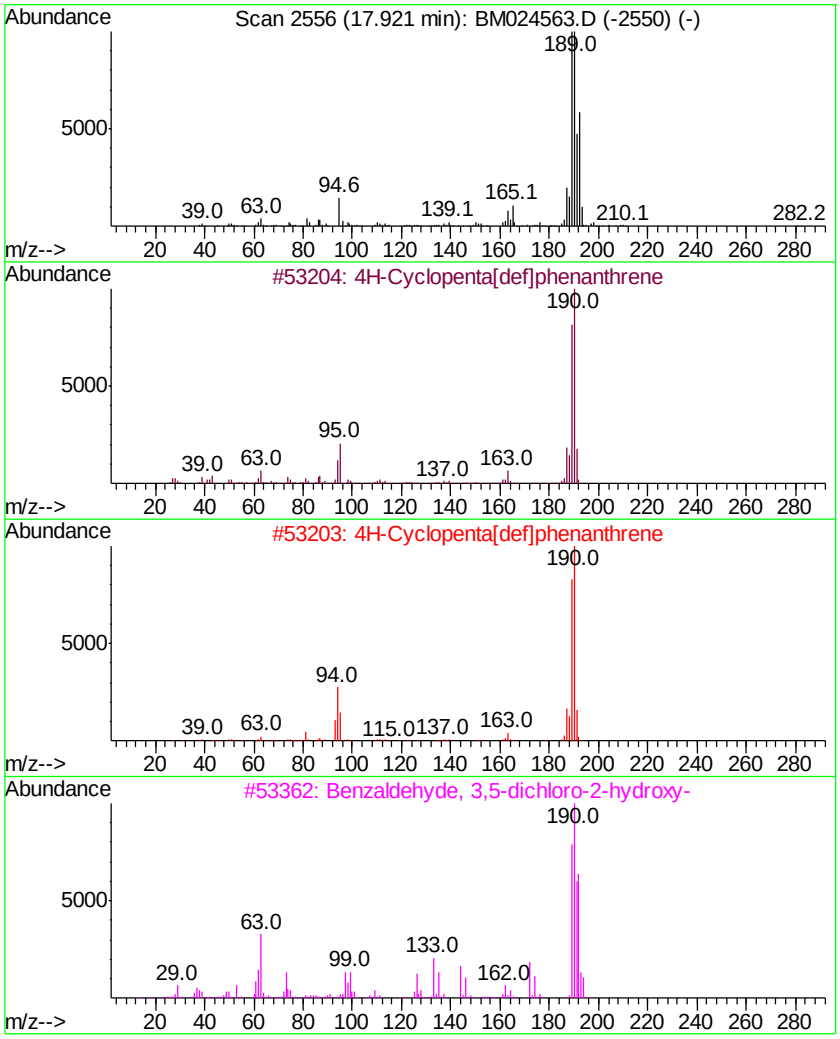
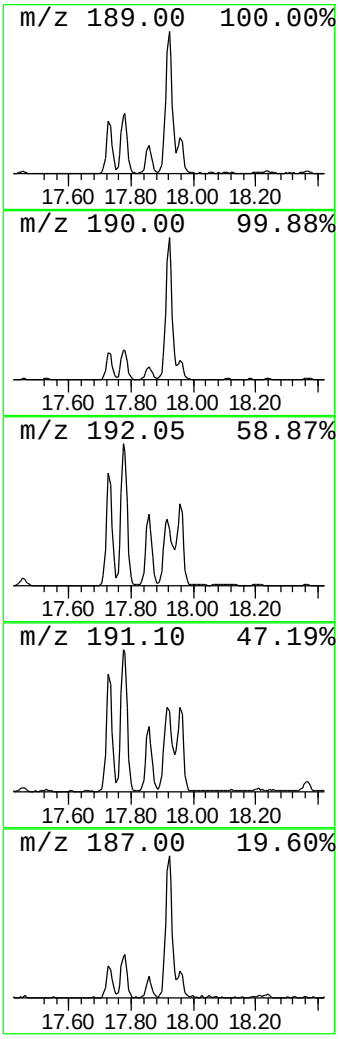
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	7.26 ng/ul	1458980	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	78
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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Quant Title : SVOA CALIBRATION

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

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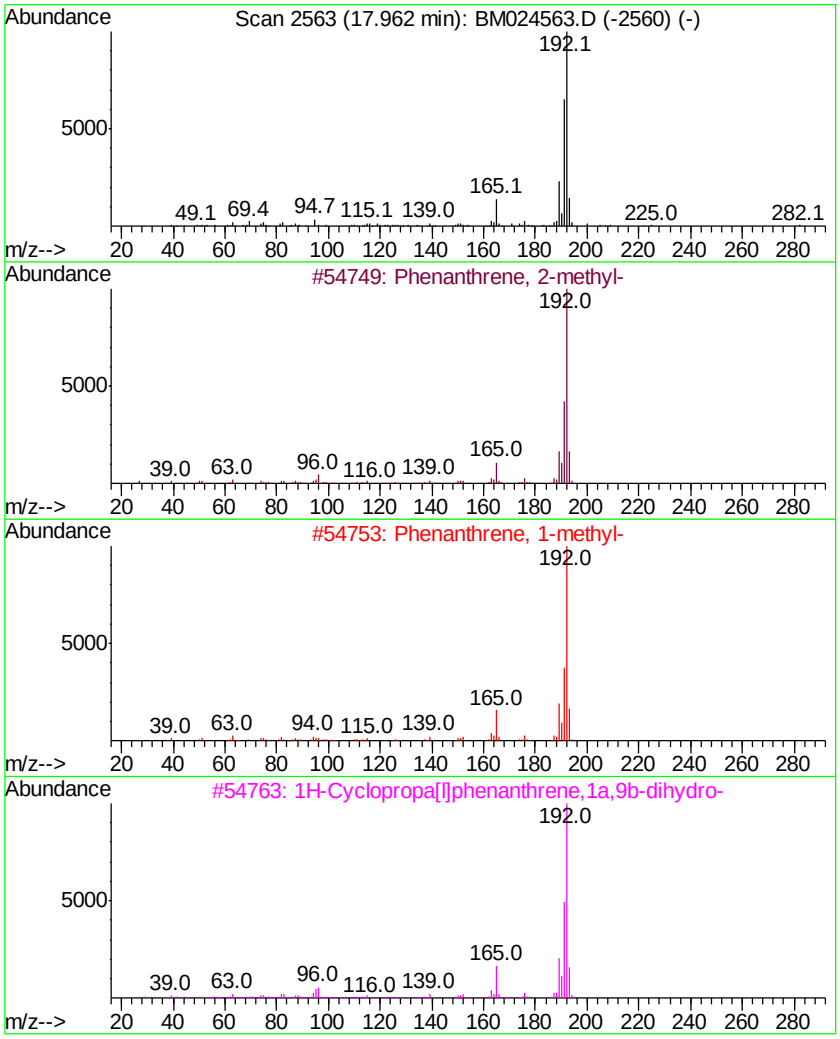
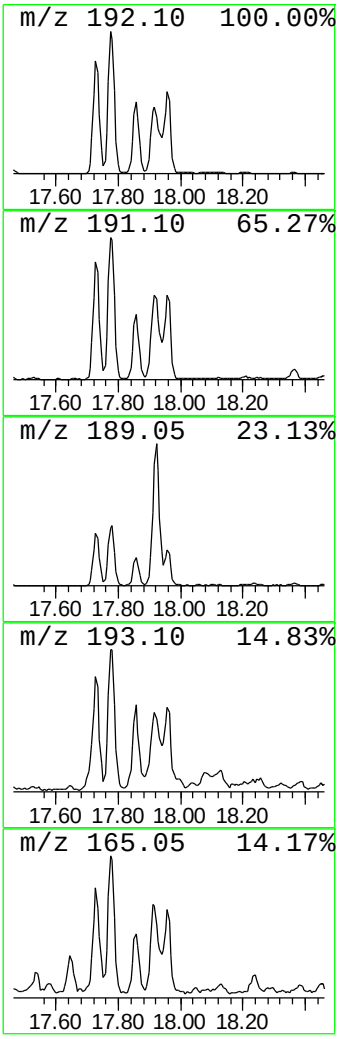
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.89 ng/ul	581919	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Instrument : BNA_M
ClientSampleId : GASH3

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Quant Title : SVOA CALIBRATION

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

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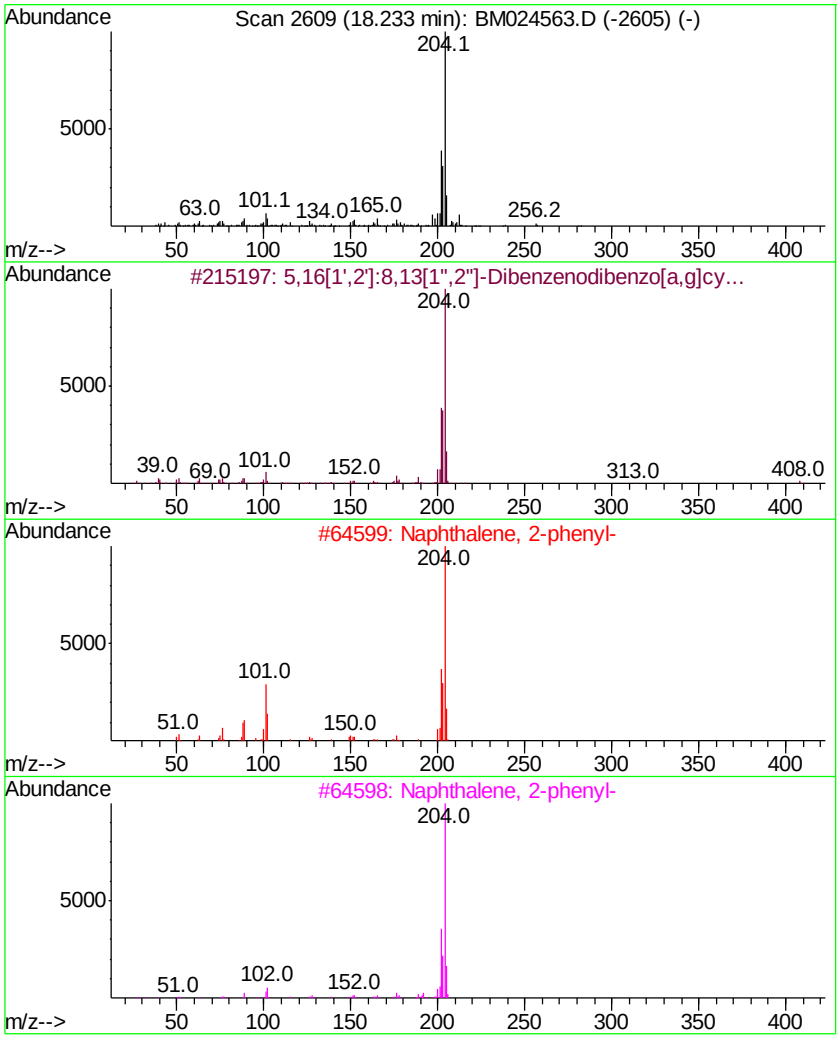
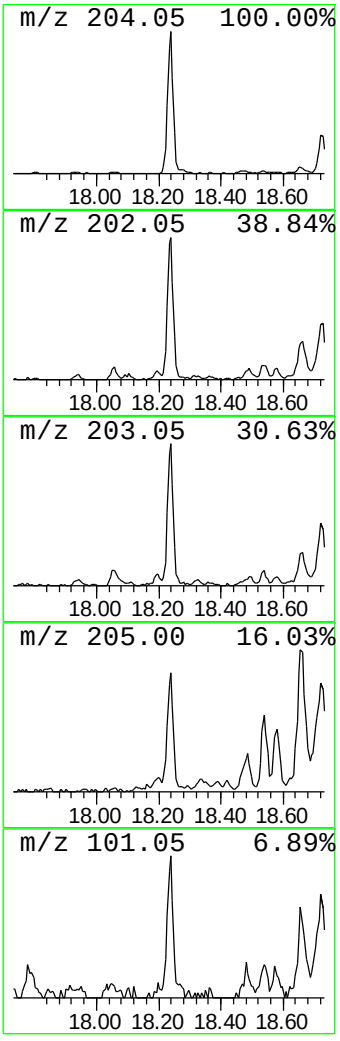
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.53 ng/ul	508211	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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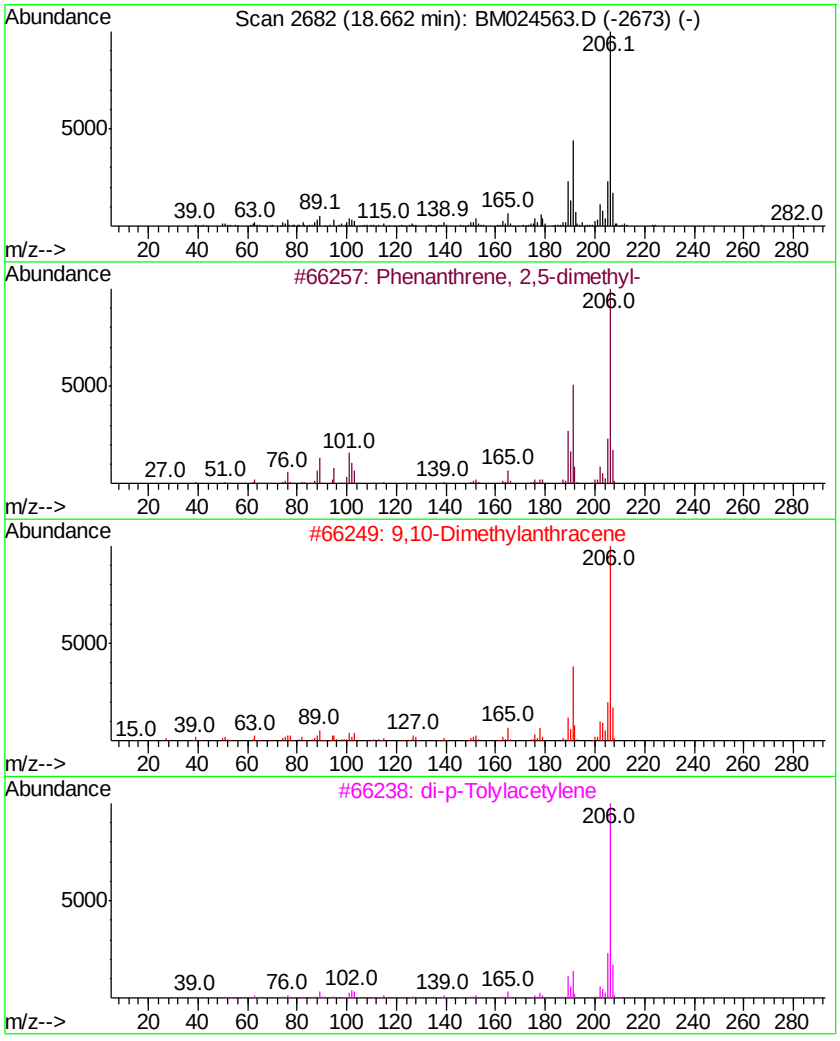
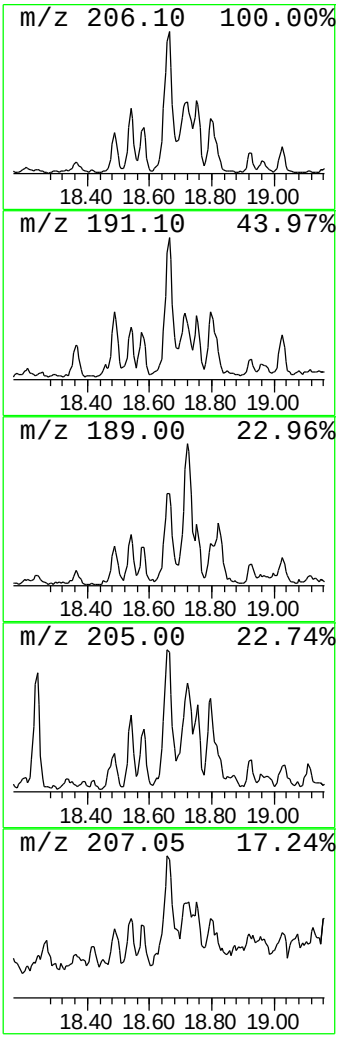
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	3.54 ng/ul	711964	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Quant Title : SVOA CALIBRATION

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

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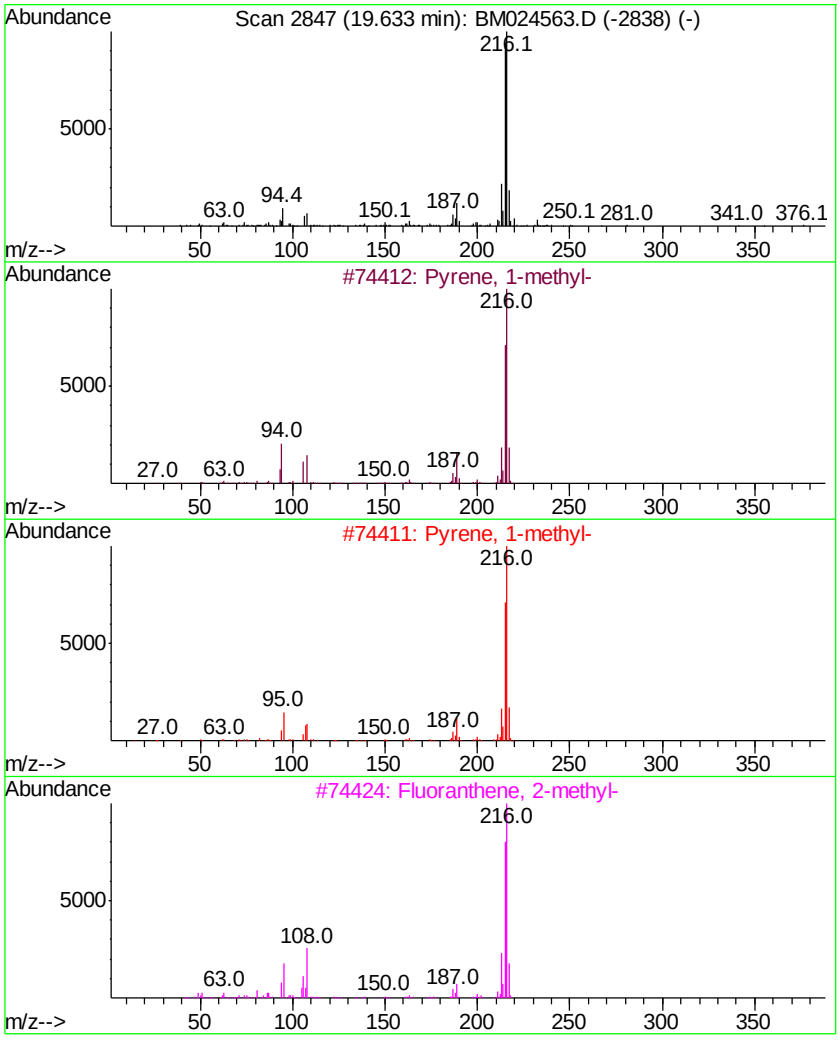
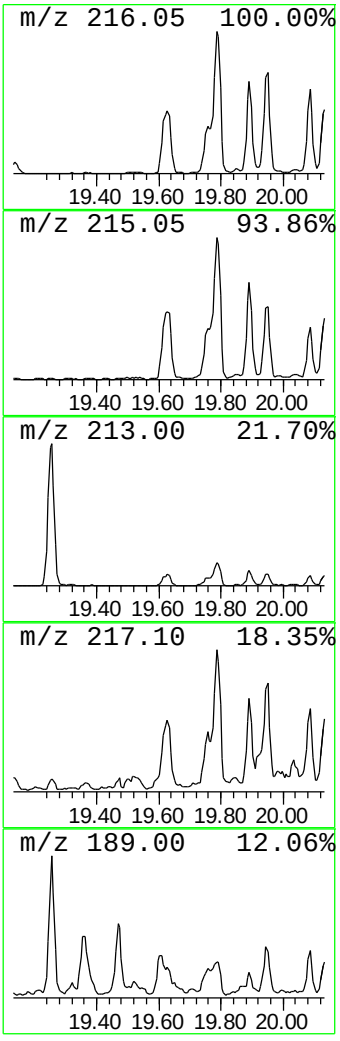
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.07 ng/ul	704714	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Quant Title : SVOA CALIBRATION

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

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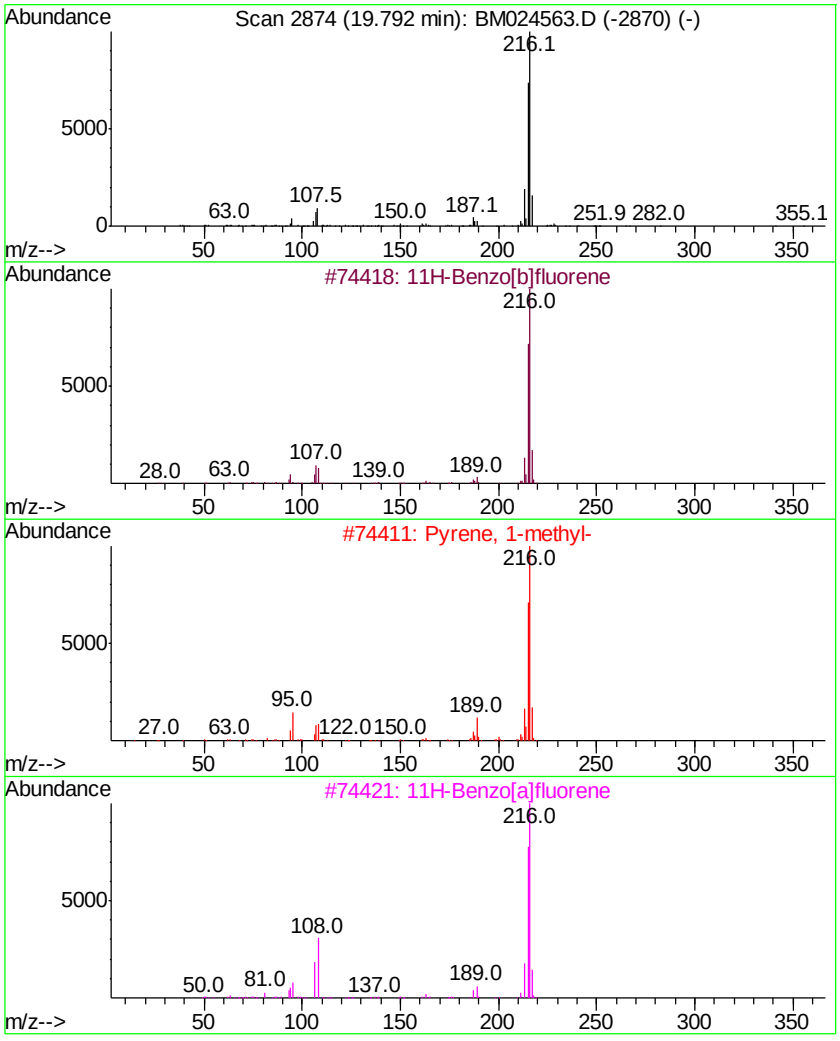
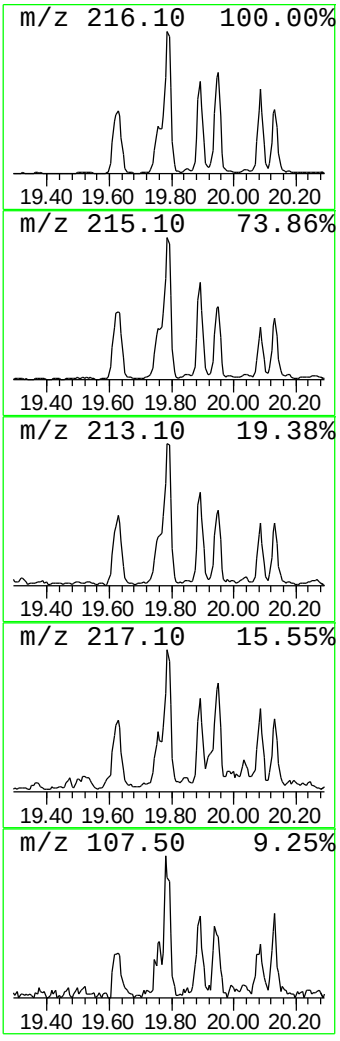
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.27 ng/ul	771539	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Quant Title : SVOA CALIBRATION

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

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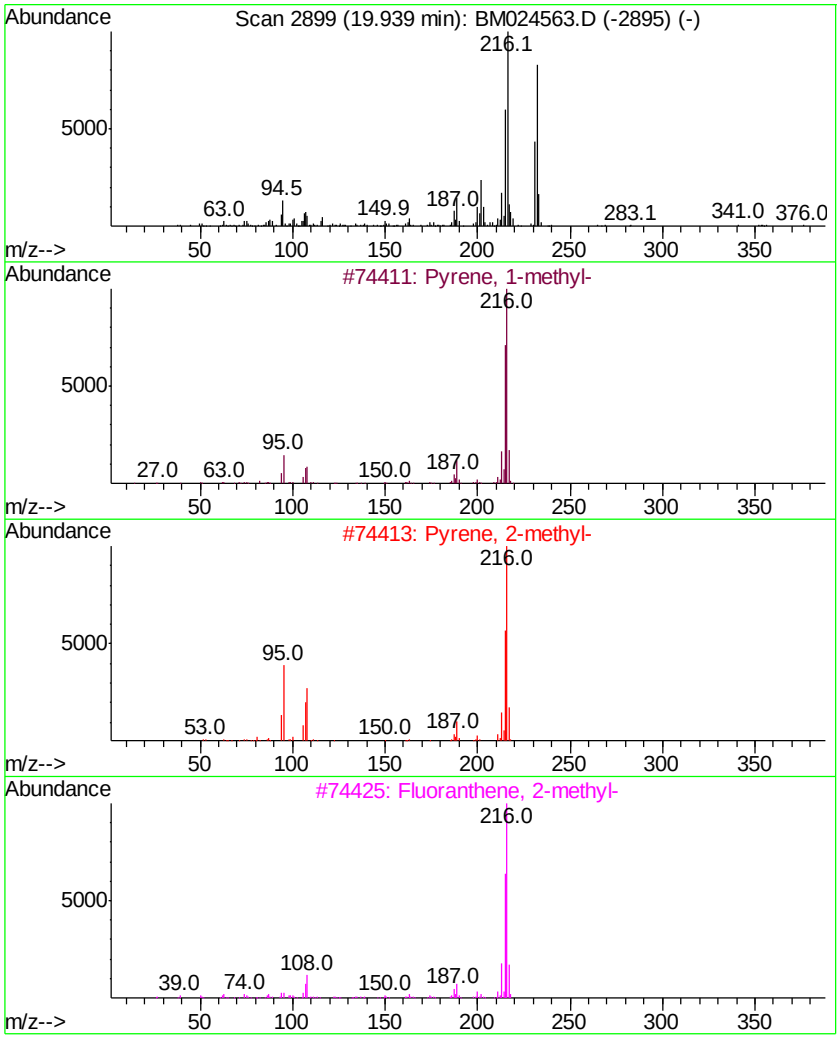
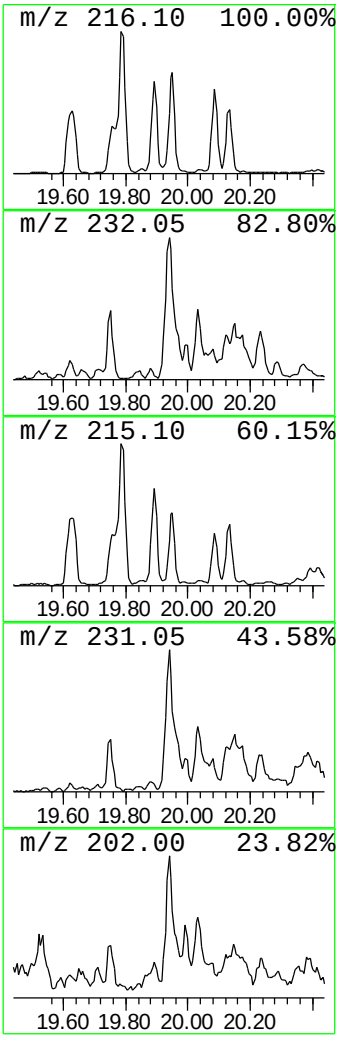
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.20 ng/ul	747513	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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Instrument : BNA_M
ClientSampleId : GASH3

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Quant Title : SVOA CALIBRATION

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

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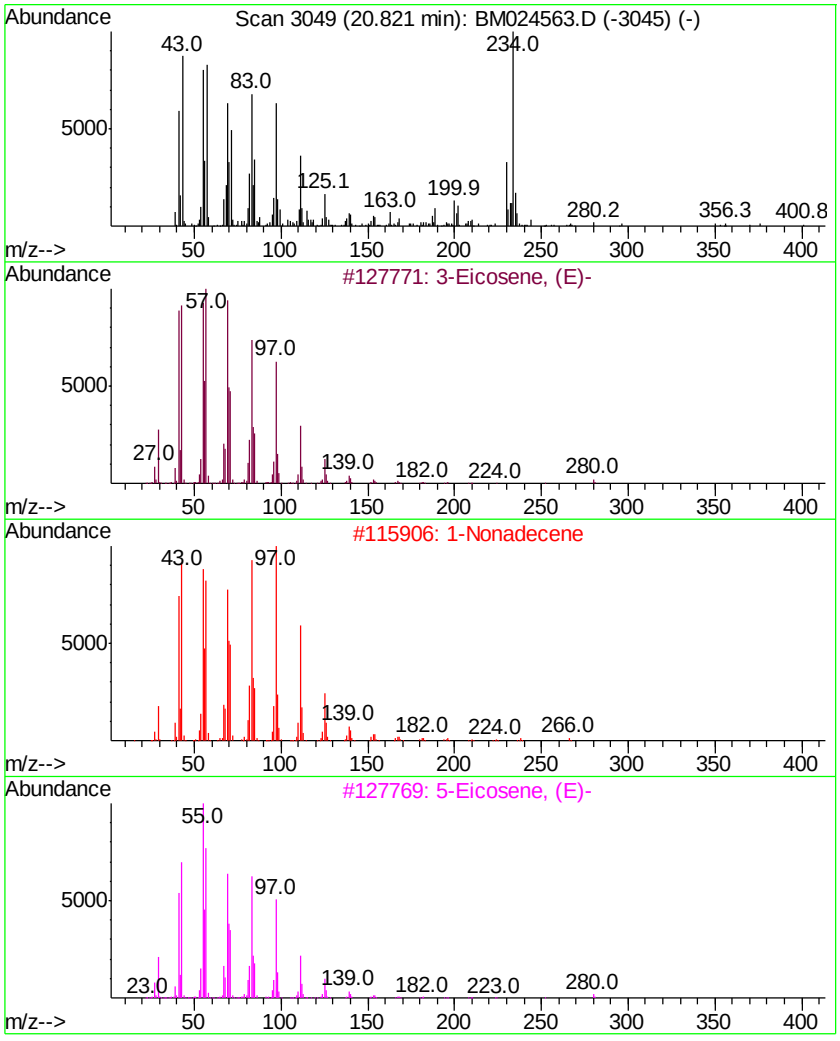
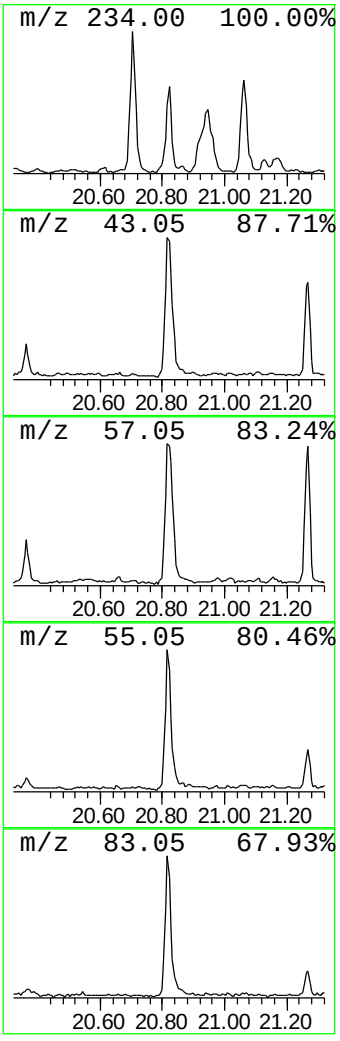
Peak Number 17 (DEL) Alkane: Cyclic20.82 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.44 ng/ul	1170180	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	86
5	1-Heptacosanol	396	C27H56O	002004-39-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024563.D
Acq On : 21 Jan 2020 15:08
Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

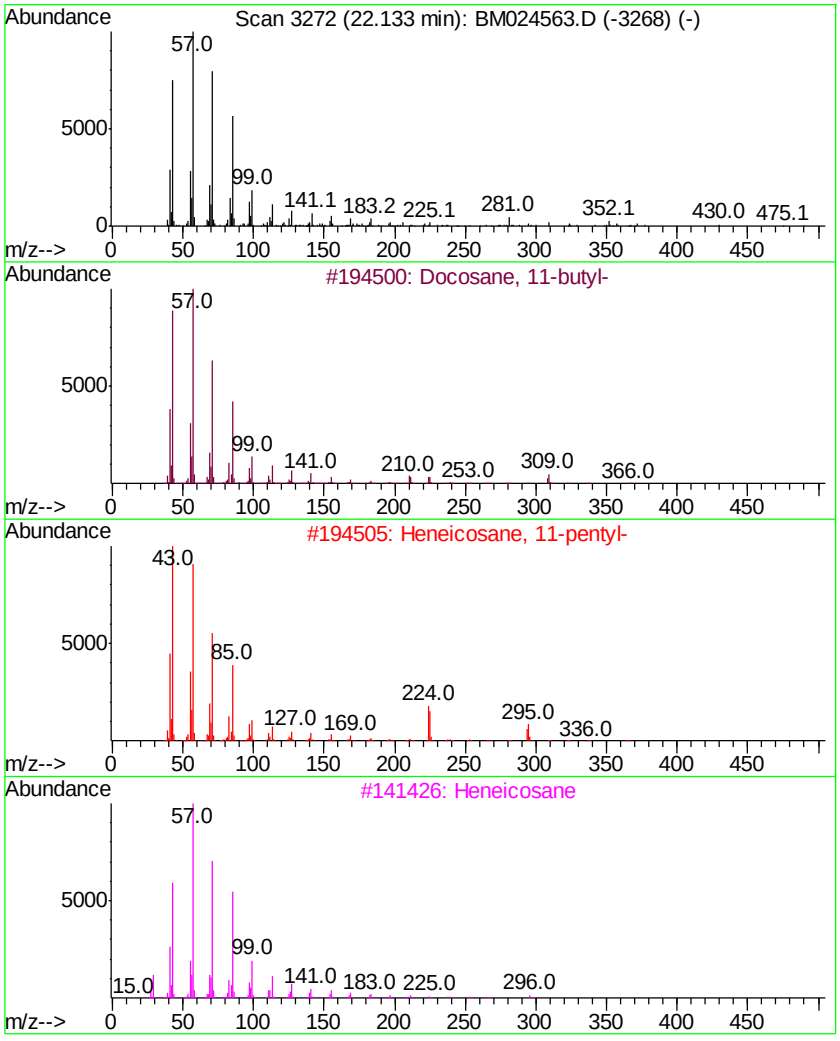
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

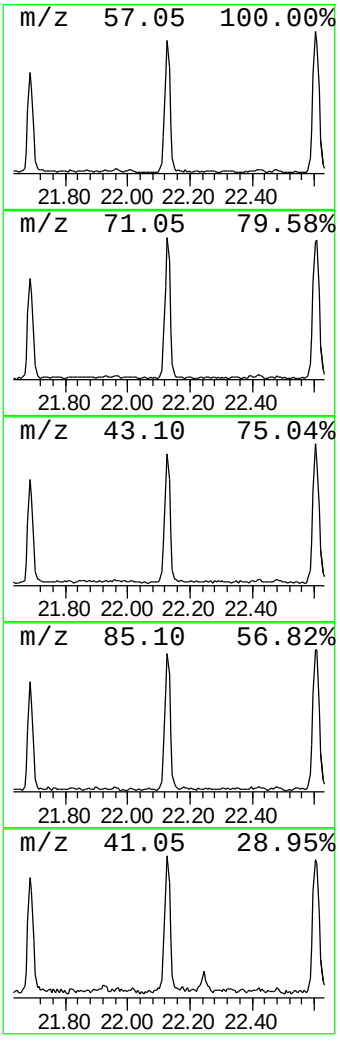
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.49 ng/ul	398833	Perylene-d12	23.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024563.D
Acq On : 21 Jan 2020 15:08
Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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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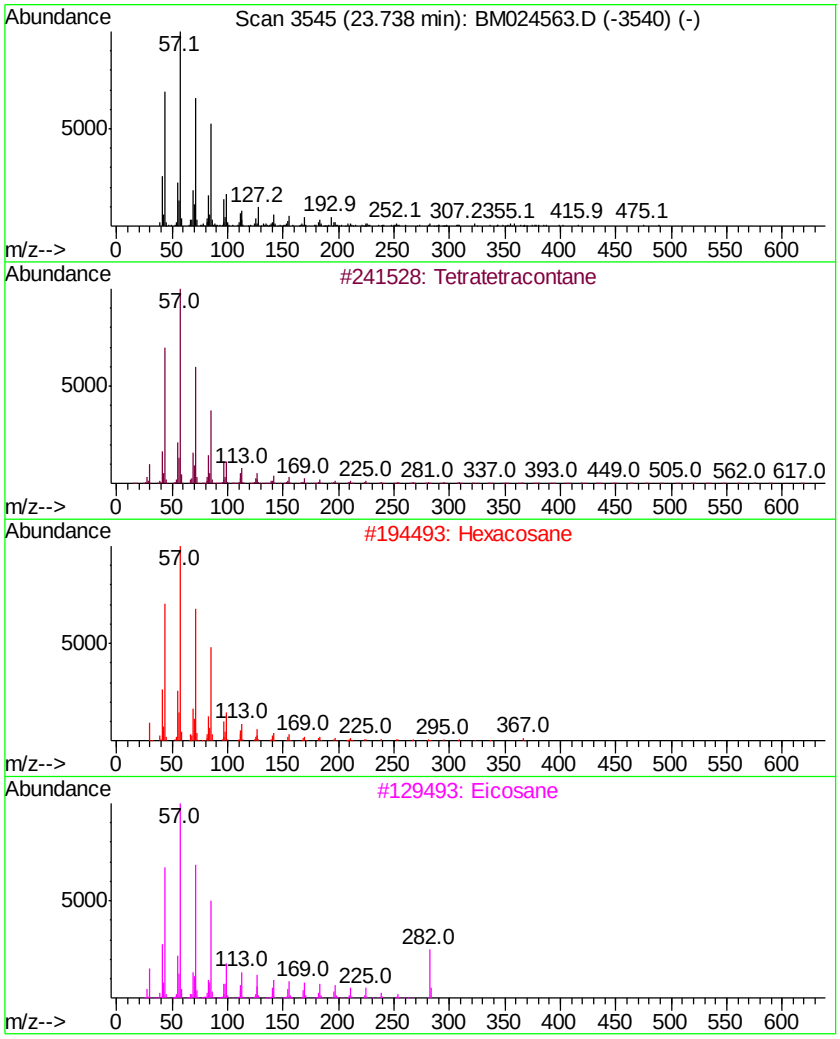
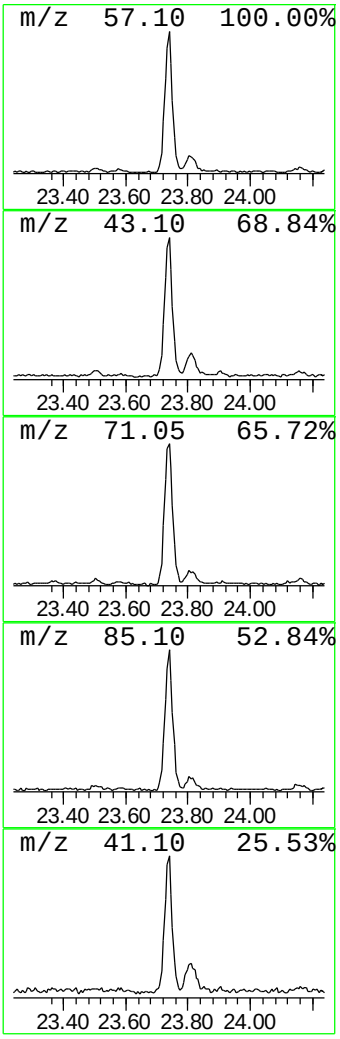
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.09 ng/ul	493852	Perylene-d12	23.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	93
2	Hexacosane	366	C26H54	000630-01-3	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024563.D
Acq On : 21 Jan 2020 15:08
Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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

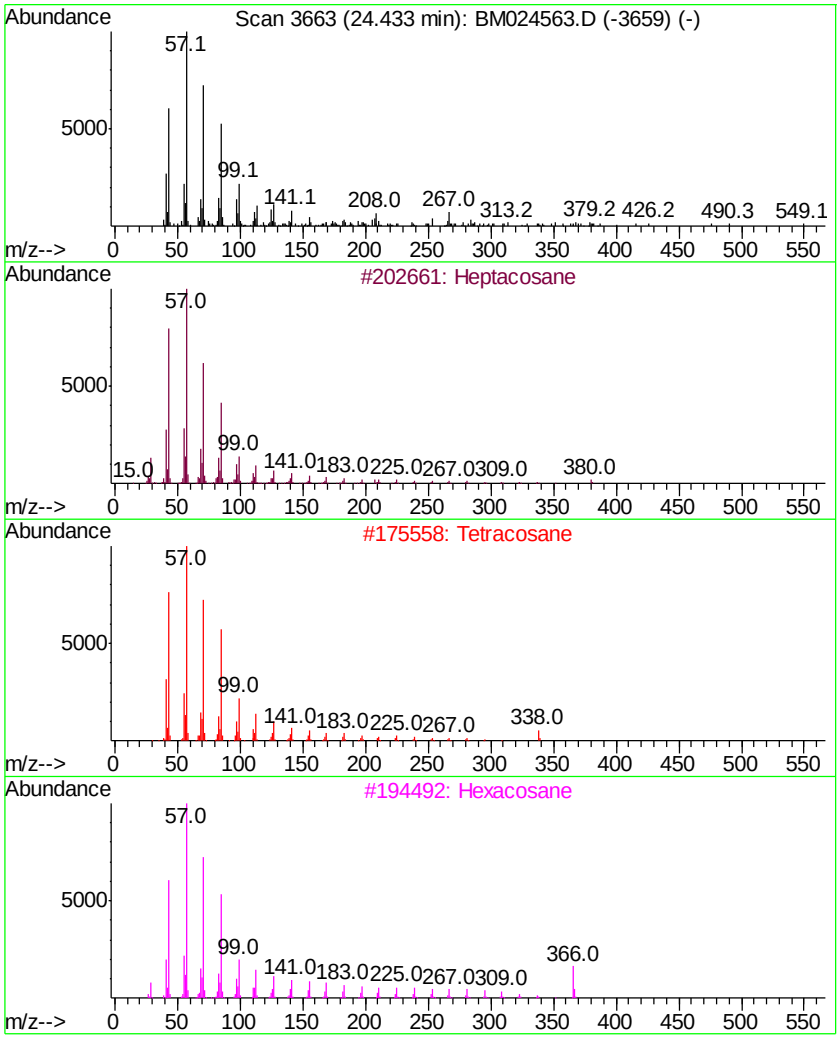
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

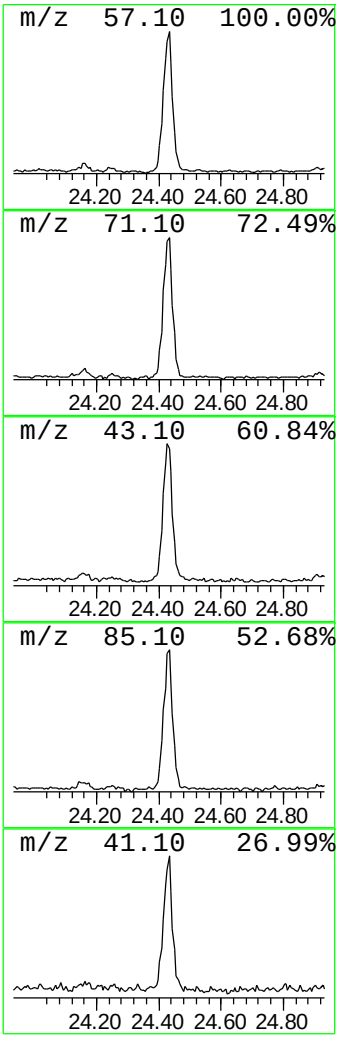
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.43	3.35 ng/ul	535933	Perylene-d12	23.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	87
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012120\
Data File : BM024563.D
Acq On : 21 Jan 2020 15:08
Operator : JU
Sample : L1109-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH3

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
Naphthalene, 1-me...	12.11	10.8	ng/ul	1095530	2	10.21	2023630	20.0
Naphthalene, 2,3-...	13.42	4.9	ng/ul	786975	3	14.10	3212670	20.0
Naphthalene, 1,3-...	13.66	2.1	ng/ul	336015	3	14.10	3212670	20.0
Dibenzofuran, 4-m...	15.46	2.3	ng/ul	374922	3	14.10	3212670	20.0
9H-Fluoren-9-ol	15.60	3.1	ng/ul	628696	4	16.85	4020880	20.0
9H-Fluorene, 1-me...	16.17	2.3	ng/ul	462197	4	16.85	4020880	20.0
Phenanthrene, 1-m...	17.73	4.8	ng/ul	967416	4	16.85	4020880	20.0
Phenanthrene, 2-m...	17.78	7.4	ng/ul	1488110	4	16.85	4020880	20.0
Anthracene, 2-met...	17.86	2.8	ng/ul	558566	4	16.85	4020880	20.0
4H-Cyclopenta[def...	17.92	7.3	ng/ul	1458980	4	16.85	4020880	20.0
1H-Cyclopropa[l]p...	17.96	2.9	ng/ul	581919	4	16.85	4020880	20.0
5,16[1',2']:8,13[...	18.23	2.5	ng/ul	508211	4	16.85	4020880	20.0
Phenanthrene, 2,5...	18.66	3.5	ng/ul	711964	4	16.85	4020880	20.0
Pyrene, 1-methyl-	19.63	2.1	ng/ul	704714	5	21.06	6805200	20.0
11H-Benzo[b]fluorene	19.79	2.3	ng/ul	771539	5	21.06	6805200	20.0
Pyrene, 2-methyl-	19.94	2.2	ng/ul	747513	5	21.06	6805200	20.0
(DEL) Alkane: Cyc...	20.82	3.4	ng/ul	1170180	5	21.06	6805200	20.0
(DEL) Alkane: Str...	22.13	2.5	ng/ul	398833	6	23.18	3199540	20.0
(DEL) Alkane: Str...	23.74	3.1	ng/ul	493852	6	23.18	3199540	20.0
(DEL) Alkane: Str...	24.43	3.4	ng/ul	535933	6	23.18	3199540	20.0