LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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	436	443	460	rBV2	3812140	8530852	4.07%	0.280%
2	7.128	713	721	728	rBV2	7677137	13582449	6.48%	0.446%
3	9.646	1139	1149	1157	rBV3	3654728	9340941	4.46%	0.307%
4	10.246	1239	1251	1253	rBV2	3367588	7415615	3.54%	0.244%
5	11.904	1524	1533	1542	rVB	20585332	34673147	16.54%	1.139%
6	12.140	1558	1573	1583	rVV2	37600389	76619866	36.54%	2.518%
7	12.940	1703	1709	1712	rVV	12980536	18984621	9.05%	0.624%
8	13.275	1754	1766	1768	rBV	14205213	25449778	12.14%	0.836%
9	13.445	1785	1795	1799	rBV	23068861	45596806	21.75%	1.498%
10	13.498	1799	1804	1810	rVV	19709016	28785798	13.73%	0.946%
11	13.675	1826	1834	1838	rVV	11800561	20700852	9.87%	0.680%
12	13.839	1853	1862	1867	rBV	30690330	45572062	21.74%	1.498%
13	14.098	1903	1906	1914	rVV2	8899285	12562816	5.99%	0.413%
14	14.175	1914	1919	1923	rVV	8825507	13462614	6.42%	0.442%
15	14.334	1940	1946	1955	rBV2	2945113	7451788	3.55%	0.245%
16	14.528	1969	1979	1986	rVV	34744693	56015539	26.72%	1.841%
17	14.604	1986	1992	1997	rVV	7883091	10210173	4.87%	0.336%
18	14.745	2008	2016	2021	rBV3	6078392	11976920	5.71%	0.394%
19	14.798	2021	2025	2037	rVB	7897341	11652827	5.56%	0.383%
20	14.922	2037	2046	2049	rBV2	5892182	14220717	6.78%	0.467%
21	15.110	2074	2078	2083	rVB	5681061	8569618	4.09%	0.282%
22	15.186	2083	2091	2101	rBV2	39822686	74378969	35.48%	2.444%
23	15.475	2135	2140	2144	rBV	14191318	20011821	9.54%	0.658%
24	15.622	2160	2165	2173	rVB	16828858	34495838	16.45%	1.134%
25	15.857	2197	2205	2207	rBV2	3558091	7091851	3.38%	0.233%
26	16.180	2251	2260	2265	rVV4	11654109	26925716	12.84%	0.885%
27	16.233	2265	2269	2274	rVV	6704100	10075221	4.81%	0.331%
28	16.416	2295	2300	2304	rVV2	7979101	13027901	6.21%	0.428%
29	16.457	2304	2307	2310	rVV2	5205149	7749937	3.70%	0.255%
30	16.539	2316	2321	2327	rVB	11425030	18007329	8.59%	0.592%
31	16.616	2329	2334	2340	rBV	7006365	12781327	6.10%	0.420%
32	16.686	2340	2346	2351	rBV2	17819797	25043337	11.94%	0.823%
33	16.957	2378	2392	2395	rVV3	70802426	209663216	100.00%	6.890%
34	17.033	2395	2405	2408	rVV2	46793988	84113683	40.12%	2.764%

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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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

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

35	17.069	2408	2411	2418	rVV3	4601083	9853996	4.70%	0.324%
36	17.280	2440	2447	2452	rVV2	14622235	28200315	13.45%	0.927%
37	17.398	2461	2467	2468	rVV3	3876023	7069703	3.37%	0.232%
38	17.422	2468	2471	2474	rVV2	8034599	11171910	5.33%	0.367%
39	17.457	2474	2477	2486	rVB6	5947360	11131338	5.31%	0.366%
40	17.598	2497	2501	2505	rVB2	4801828	8203532	3.91%	0.270%
41	17.757	2521	2528	2532	rVV	28598299	49043213	23.39%	1.612%
42	17.816	2532	2538	2542	rVV2	45400376	68155955	32.51%	2.240%
43	17.892	2545	2551	2556	rVV	20833043	33386752	15.92%	1.097%
44	17.957	2556	2562	2566	rVV	44156399	80065265	38.19%	2.631%
45	17.998	2566	2569	2574	rVV	26206902	31997792	15.26%	1.052%
46	18.110	2583	2588	2592	rVV2	7219563	10908726	5.20%	0.358%
47	18.263	2609	2614	2618	rVV	19095229	26621856	12.70%	0.875%
48	18.310	2618	2622	2627	rVB	5915618	8220115	3.92%	0.270%
49	18.504	2647	2655	2661	rBV	6847083	15862418	7.57%	0.521%
50	18.557	2661	2664	2668	rVB	7174551	8521122	4.06%	0.280%
51	18.598	2668	2671	2676	rVB2	6955665	9719467	4.64%	0.319%
52	18.686	2680	2686	2690	rBV	18781833	35150033	16.76%	1.155%
53	18.757	2690	2698	2701	rBV4	16309722	30727889	14.66%	1.010%
54	18.845	2706	2713	2721	rVB4	11547036	28691275	13.68%	0.943%
55	18.980	2725	2736	2740	rBV3	62194337	156289587	74.54%	5.136%
56	19.057	2746	2749	2753	rVV3	6590212	9125672	4.35%	0.300%
57	19.104	2753	2757	2762	rVB	16837625	22649571	10.80%	0.744%
58	19.186	2765	2771	2775	rBV3	6187123	10965457	5.23%	0.360%
59	19.321	2787	2794	2795	rBV	60465950	95949405	45.76%	3.153%
60	19.392	2802	2806	2814	rVB2	12465832	24445965	11.66%	0.803%
61	19.498	2819	2824	2831	rVV2	13631373	22772067	10.86%	0.748%
62	19.563	2831	2835	2841	rVB2	6667353	10835068	5.17%	0.356%
63	19.657	2841	2851	2861	rBV5	17406195	52594786	25.09%	1.728%
64	19.786	2868	2873	2877	rVV3	15895938	33919673	16.18%	1.115%
65	19.827	2877	2880	2884	rVB	30970975	42720530	20.38%	1.404%
66	19.880	2884	2889	2891	rBV3	4918801	7259013	3.46%	0.239%
67	19.927	2892	2897	2900	rVV	20046528	26942438	12.85%	0.885%
68	19.980	2900	2906	2911	rVB2	27015519	47115098	22.47%	1.548%
69	20.068	2917	2921	2925	rBV2	6494115	9986700	4.76%	0.328%
70	20.121	2925	2930	2933	rVV	14750465	20510576	9.78%	0.674%
71	20.168	2933	2938	2942	rVB2	16779751	22481696	10.72%	0.739%

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Instrument : BNA_M
ClientSampleId : GASG9

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	20.380	2969	2974	2976	rBV2	6434387	10222340	4.88%	0.336%
73	20.416	2977	2980	2983	rVV3	7579728	12444239	5.94%	0.409%
74	20.445	2983	2985	2989	rVB2	6186927	7512196	3.58%	0.247%
75	20.539	2997	3001	3004	rBV2	3887595	7173909	3.42%	0.236%
76	20.580	3004	3008	3013	rVB	20334480	26909840	12.83%	0.884%
77	20.739	3028	3035	3038	rVV2	18442773	35050628	16.72%	1.152%
78	20.774	3038	3041	3045	rVV	20262118	28743153	13.71%	0.945%
79	20.821	3045	3049	3052	rVV2	10880718	21464688	10.24%	0.705%
80	20.886	3056	3060	3068	rVB	19963717	30411708	14.51%	0.999%
81	21.098	3087	3096	3100	rBV4	58702547	139050612	66.32%	4.570%
82	21.157	3100	3106	3112	rVB4	55130503	102566238	48.92%	3.371%
83	21.257	3119	3123	3126	rBV	7409575	11658306	5.56%	0.383%
84	21.404	3144	3148	3153	rBV3	10573557	17297286	8.25%	0.568%
85	21.580	3174	3178	3181	rBV	8458458	11159255	5.32%	0.367%
86	21.639	3182	3188	3192	rVV	25878771	40866289	19.49%	1.343%
87	21.686	3192	3196	3201	rVB	15816376	22077168	10.53%	0.726%
88	21.745	3202	3206	3209	rBV3	5125790	8405565	4.01%	0.276%
89	21.827	3216	3220	3223	rBV	11360438	17073135	8.14%	0.561%
90	21.915	3231	3235	3240	rVB2	6374820	8589797	4.10%	0.282%
91	22.368	3307	3312	3316	rBV3	5981815	10738692	5.12%	0.353%
92	22.633	3346	3357	3360	rBV2	34086808	93354194	44.53%	3.068%
93	22.768	3375	3380	3385	rVB	12097268	18185926	8.67%	0.598%
94	22.904	3396	3403	3409	rBV	3966525	10063442	4.80%	0.331%
95	23.062	3422	3430	3437	rVB	18892853	42199712	20.13%	1.387%
96	23.168	3438	3448	3453	rVV2	31652636	68522372	32.68%	2.252%
97	23.286	3463	3468	3476	rVB2	8451425	18993737	9.06%	0.624%
98	25.350	3808	3819	3826	rVB2	11689869	35400400	16.88%	1.163%
99	25.568	3849	3856	3863	rBV	3593847	8482567	4.05%	0.279%
100	25.986	3917	3927	3941	rVB	7207209	24262299	11.57%	0.797%

Sum of corrected areas: 3042887612

LSC Report - Integrated Chromatogram

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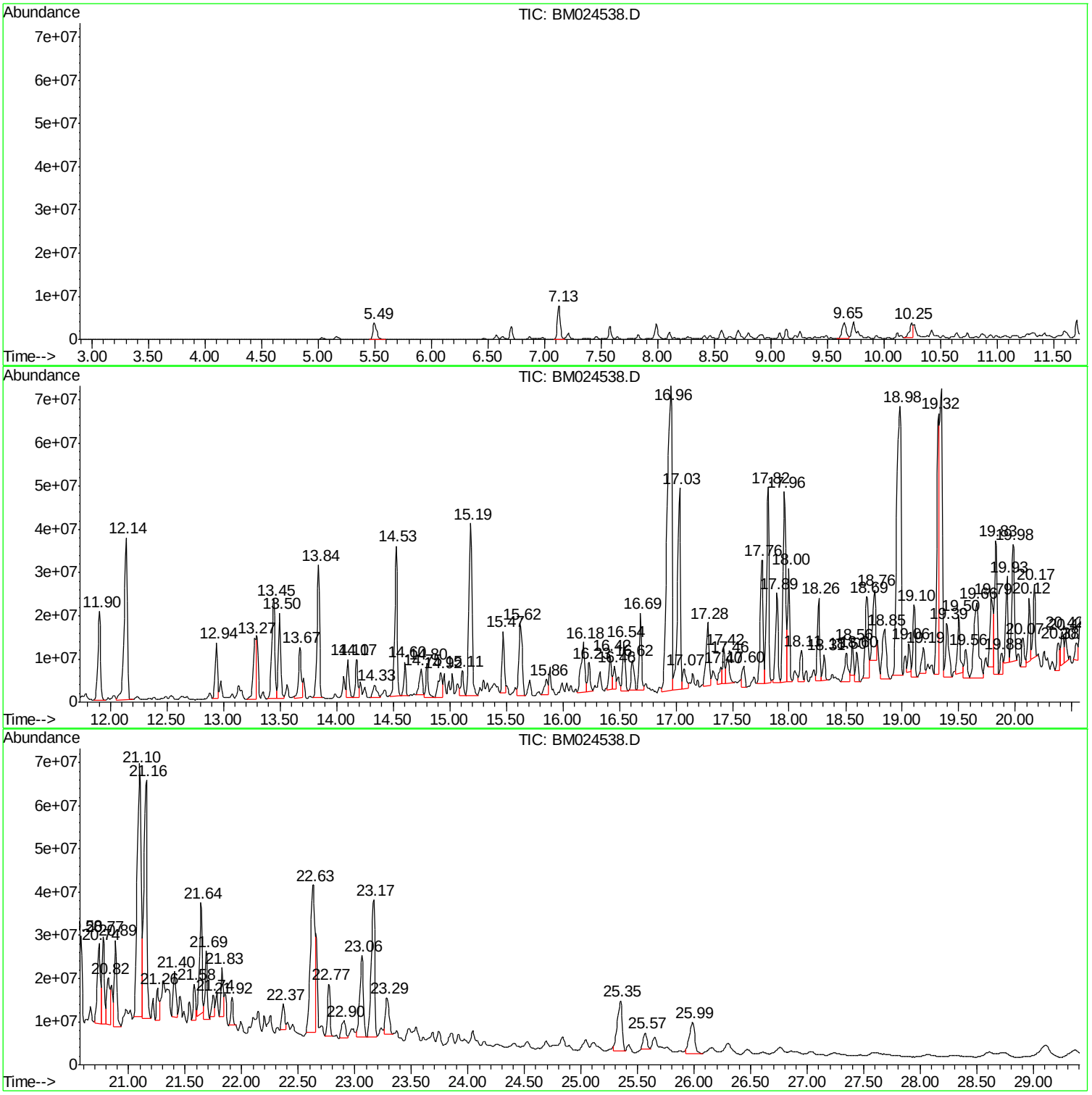
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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Quant Title : SVOA CALIBRATION

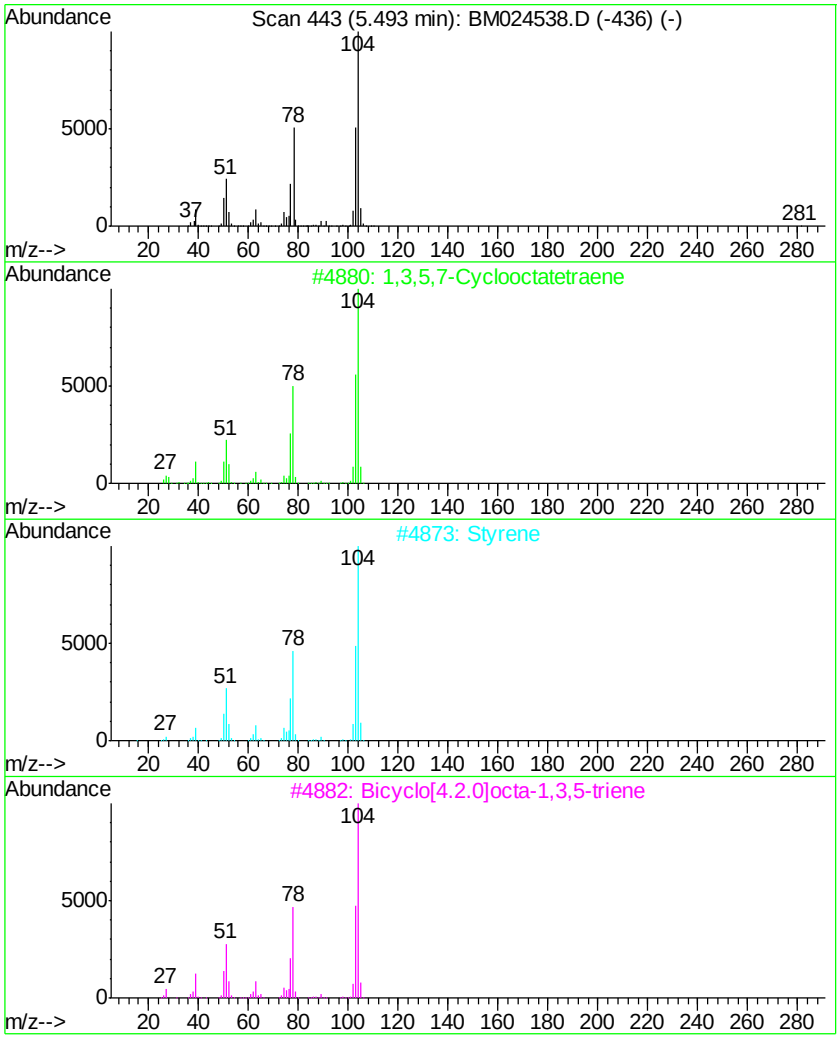
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

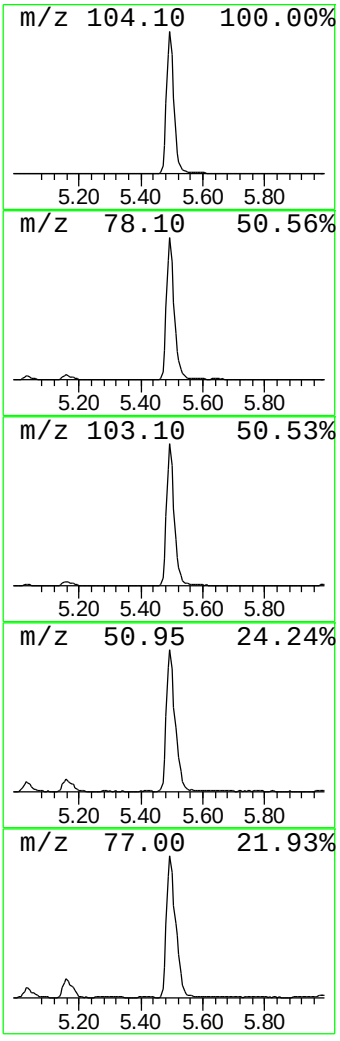
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	12.56 ng/ul	8530850	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Styrene	104	C8H8	000100-42-5	96
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
5	Styrene	104	C8H8	000100-42-5	95





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Instrument : BNA_M
ClientSampleId : GASG9

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

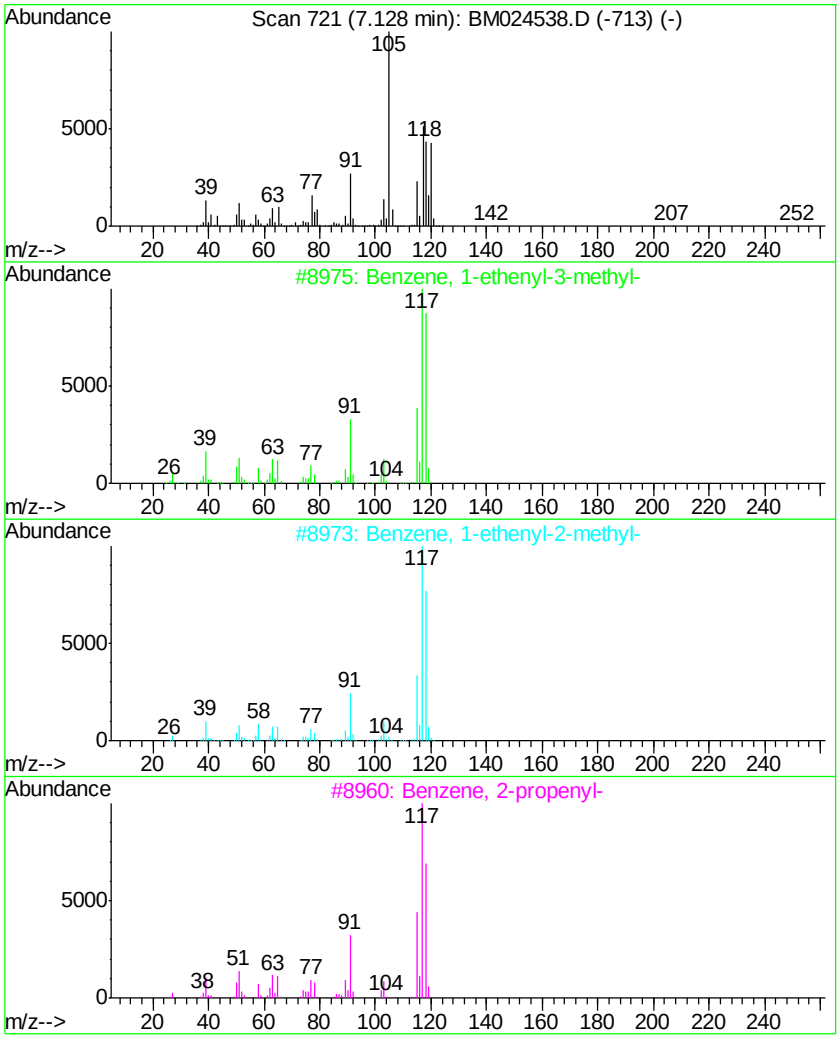
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

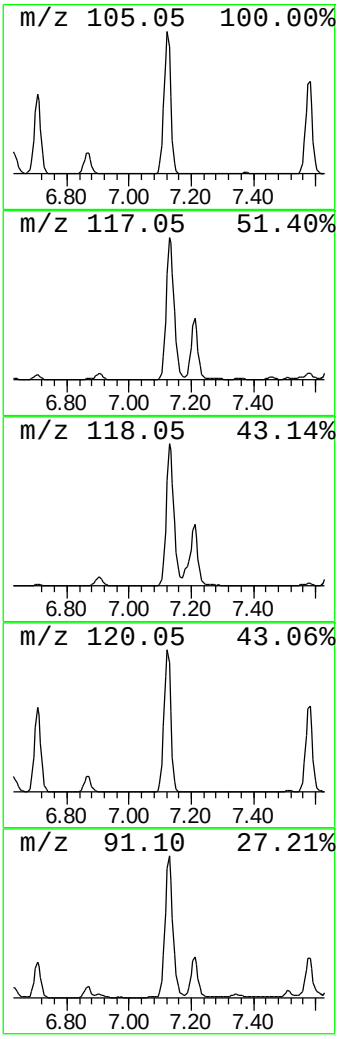
****

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	20.00 ng/ul	13582400	1,4-Dichlorobenzene-d4	7.46

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





Library Search Compound Report

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

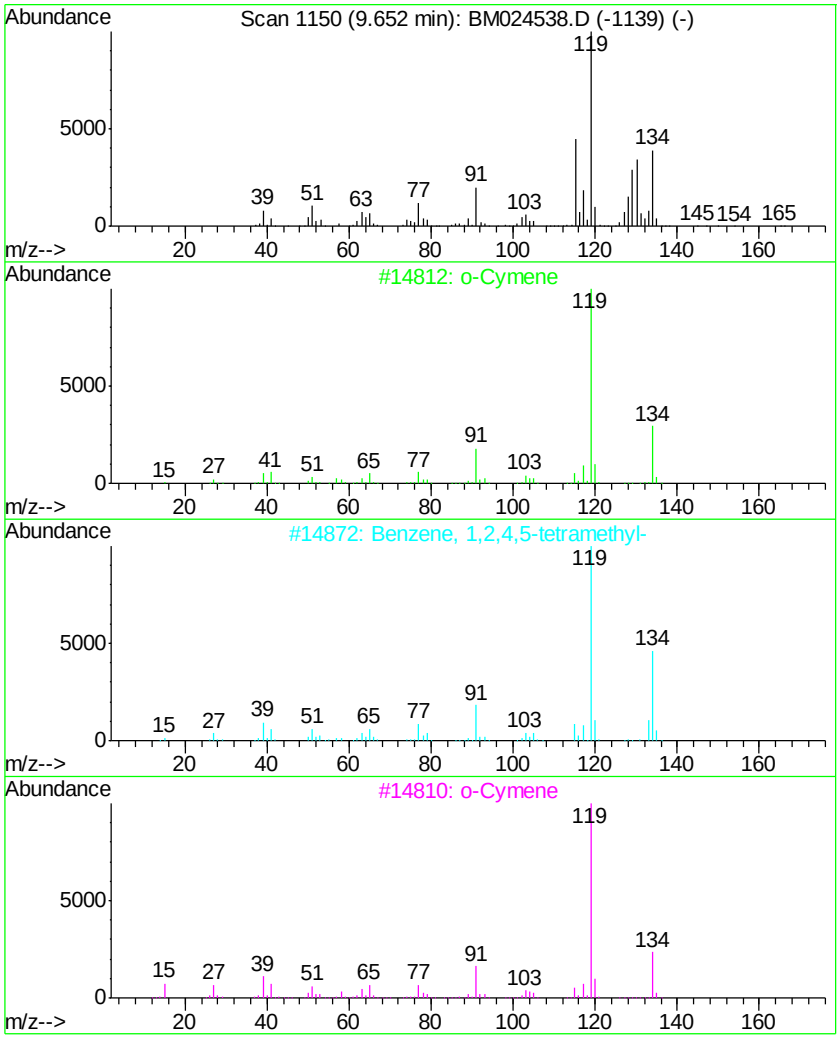
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

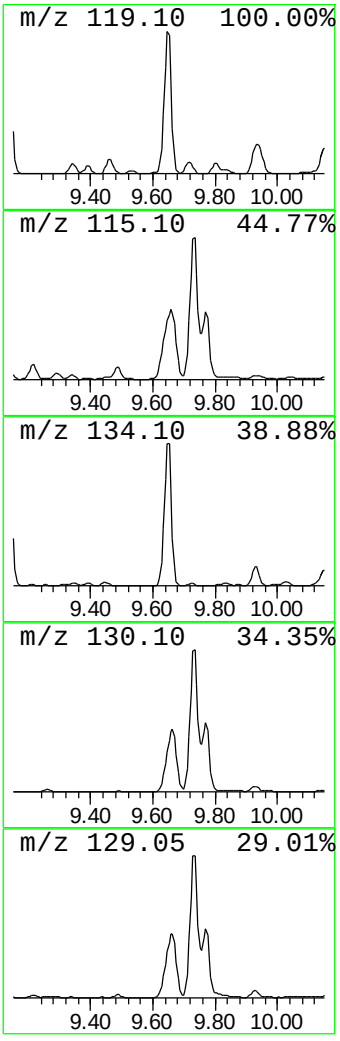
****

Peak Number 3 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	25.19 ng/ul	9340940	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3	o-Cymene	134	C10H14	000527-84-4	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	p-Cymene	134	C10H14	000099-87-6	55





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : GASG9

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

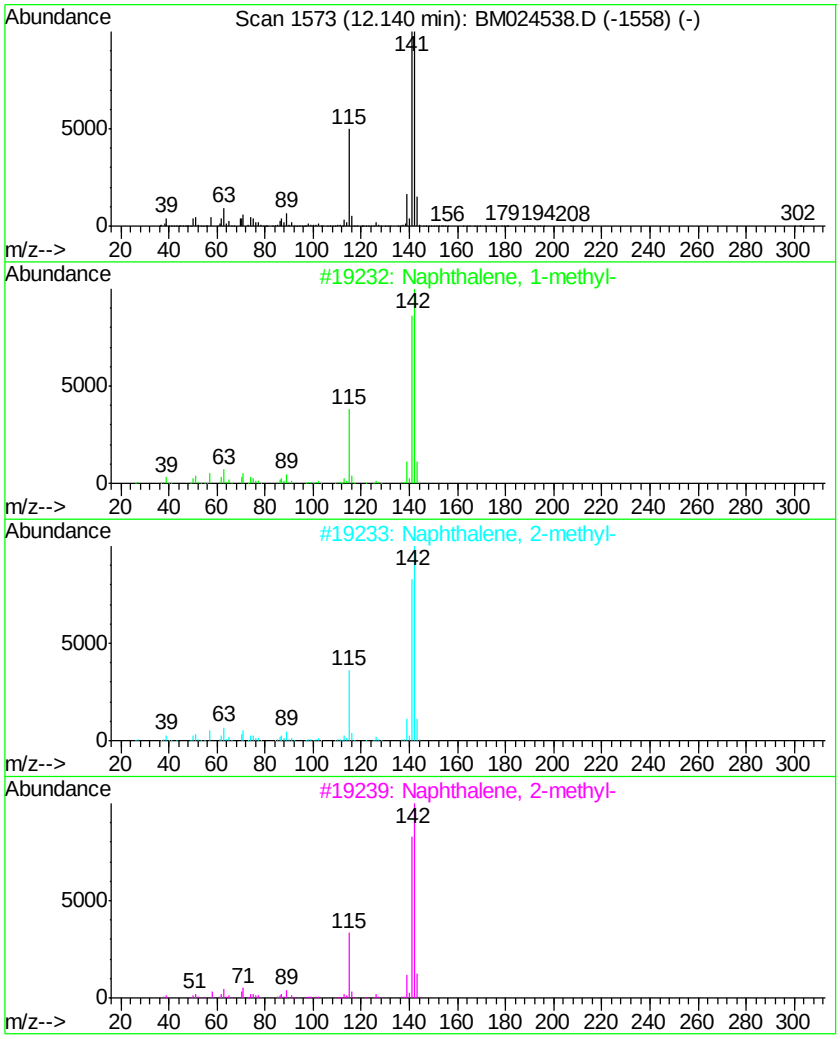
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

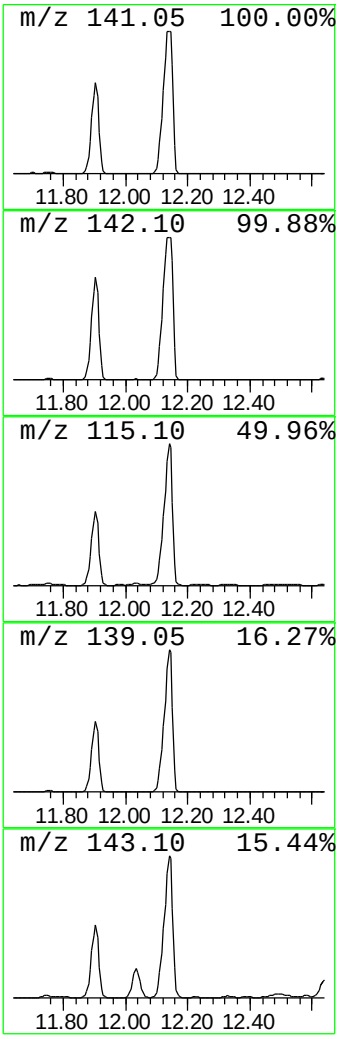
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	206.65 ng/ul	76619900	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Instrument : BNA_M
ClientSampleId : GASG9

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

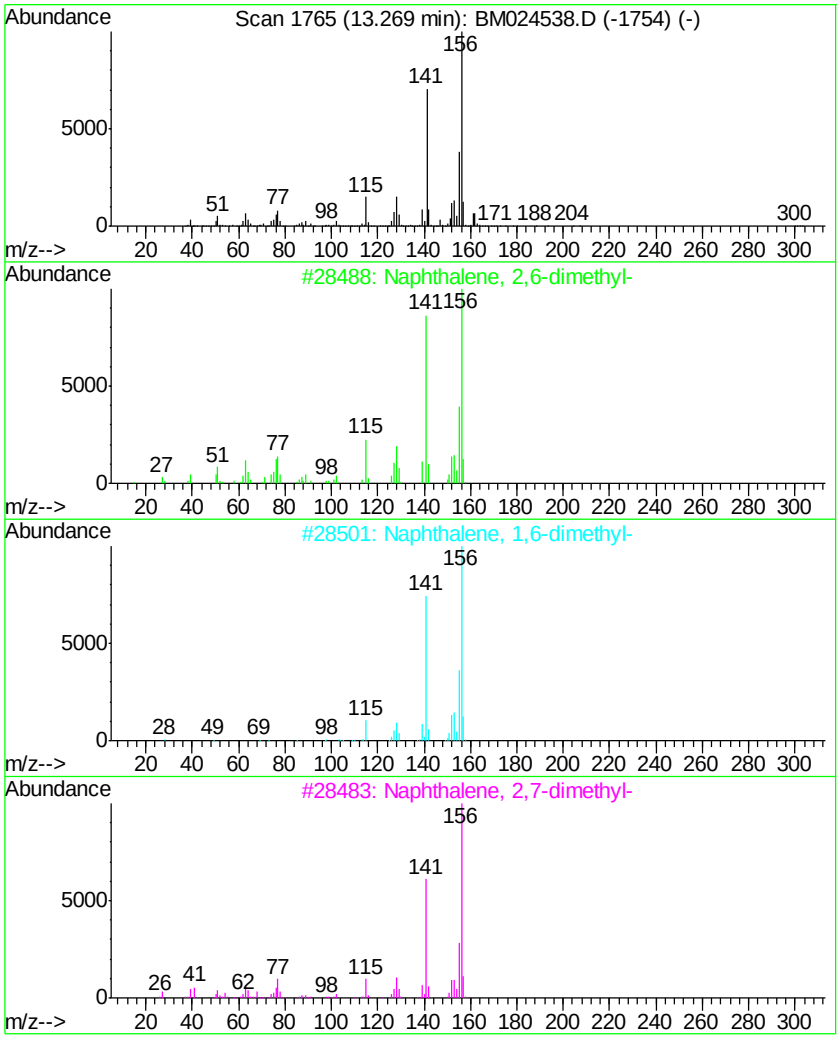
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

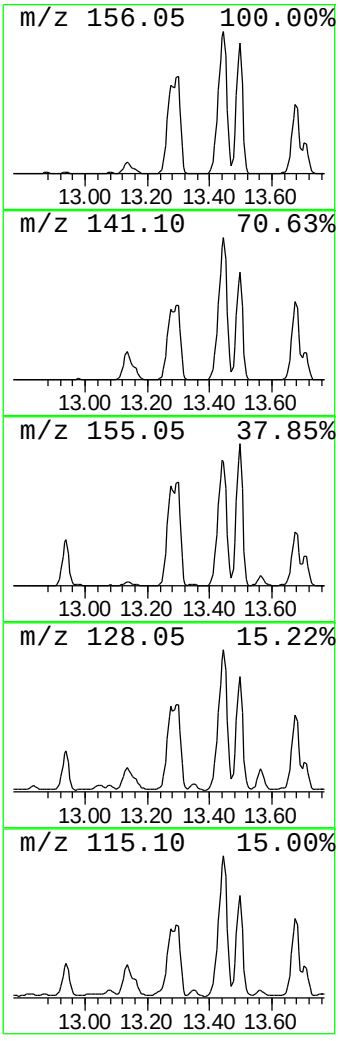
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	40.52 ng/ul	25449800	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
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 : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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

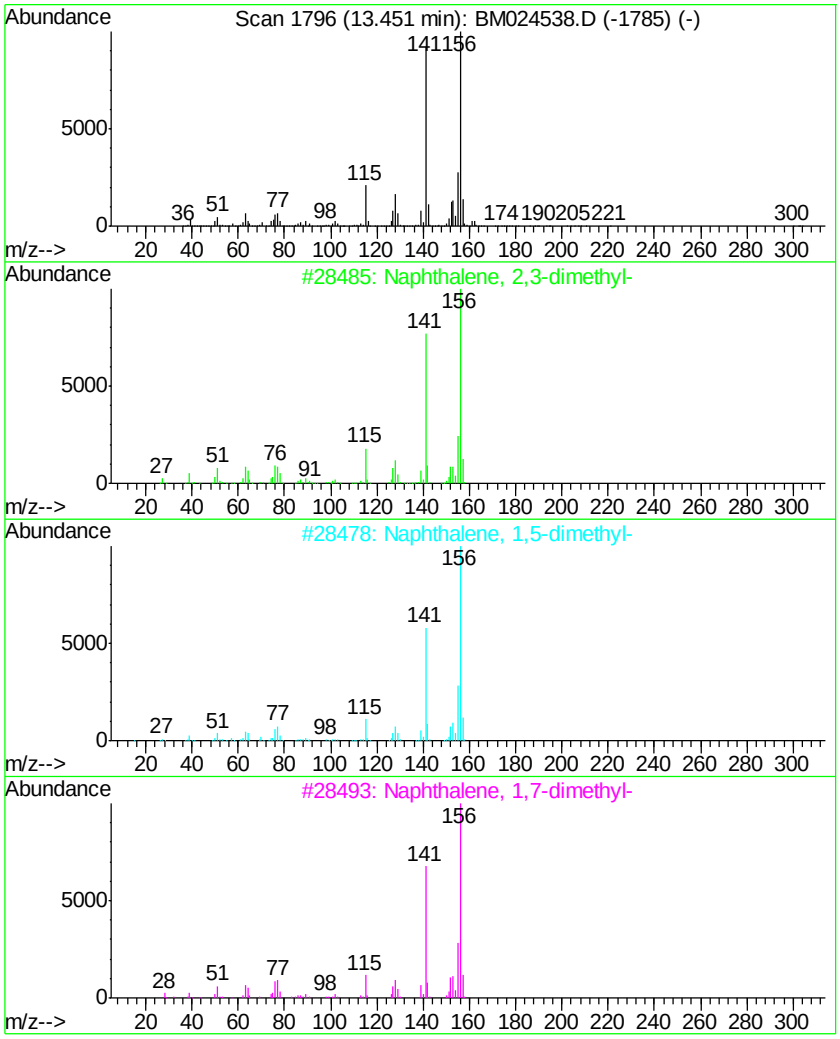
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

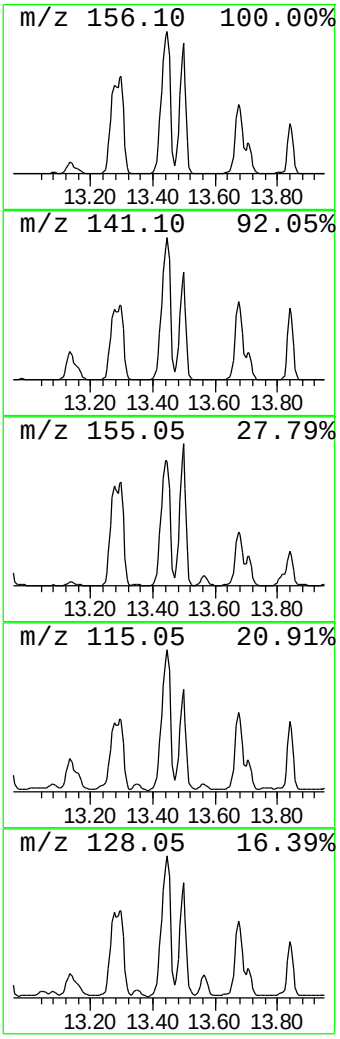
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	72.59 ng/ul	45596800	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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

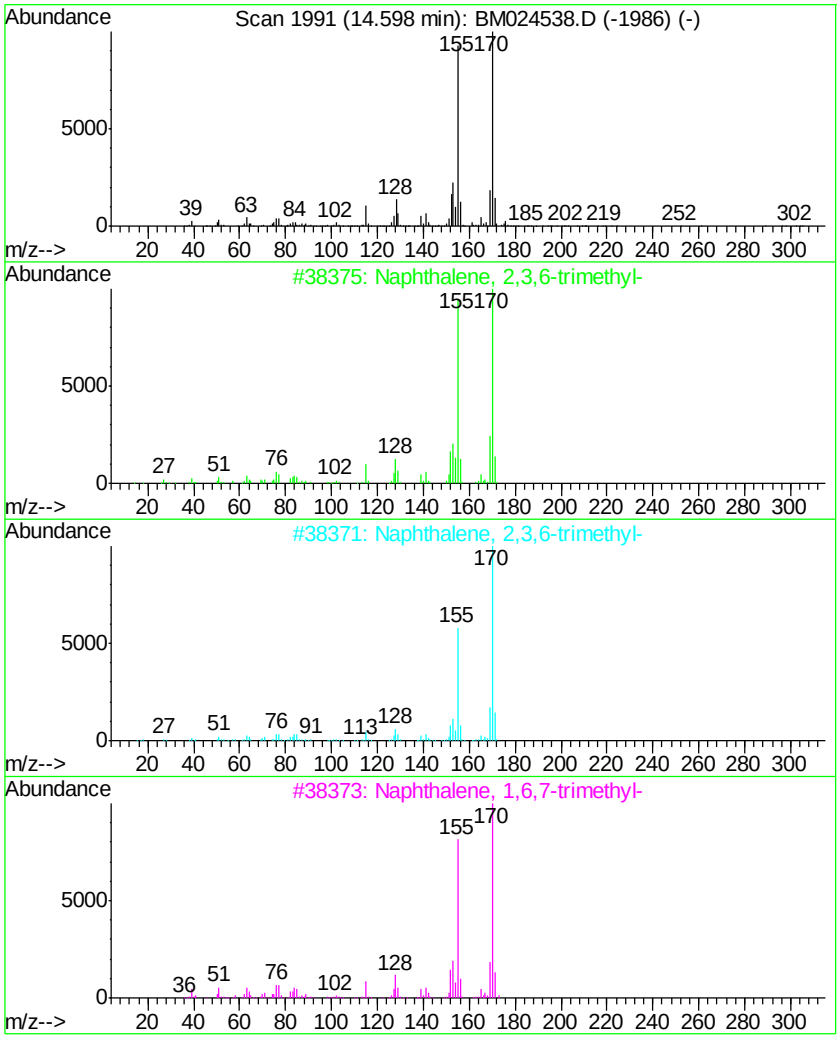
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

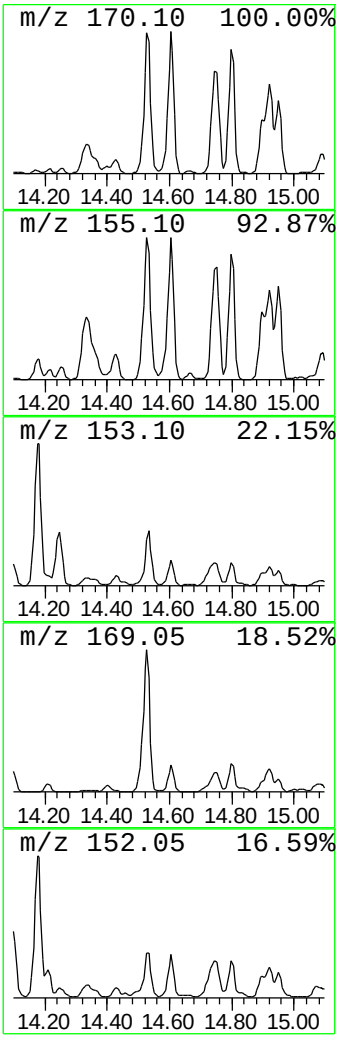
****

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	16.25 ng/ul	10210200	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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

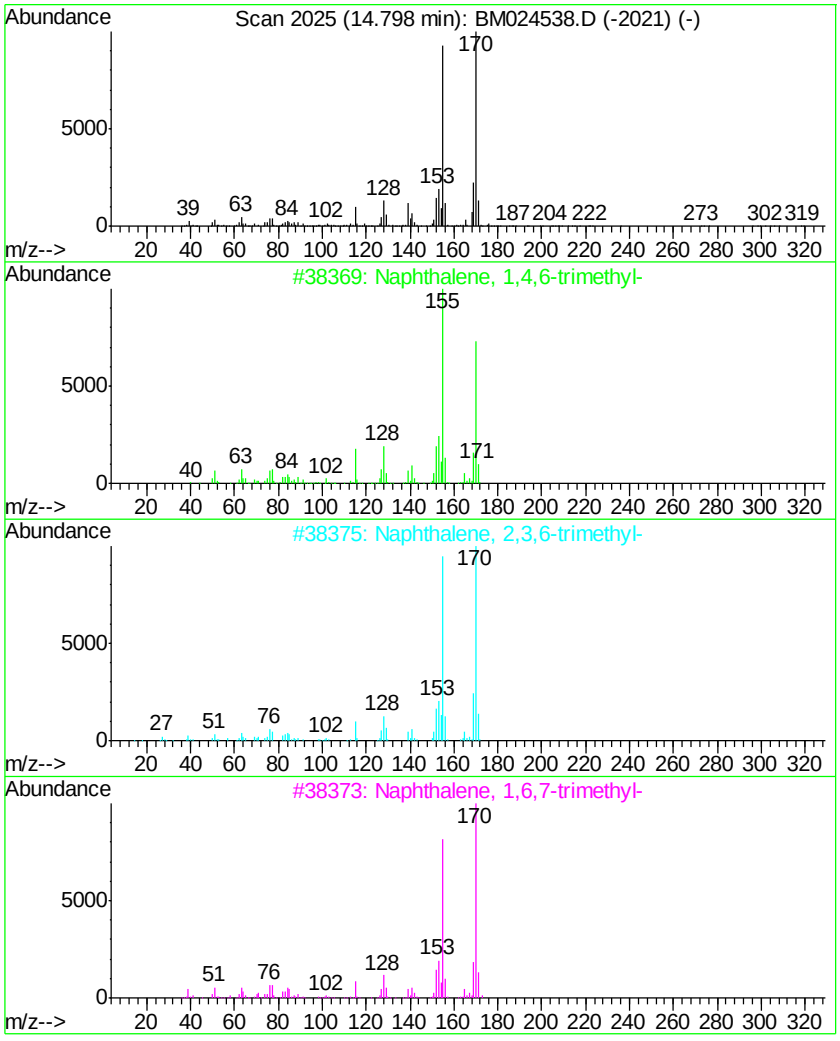
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

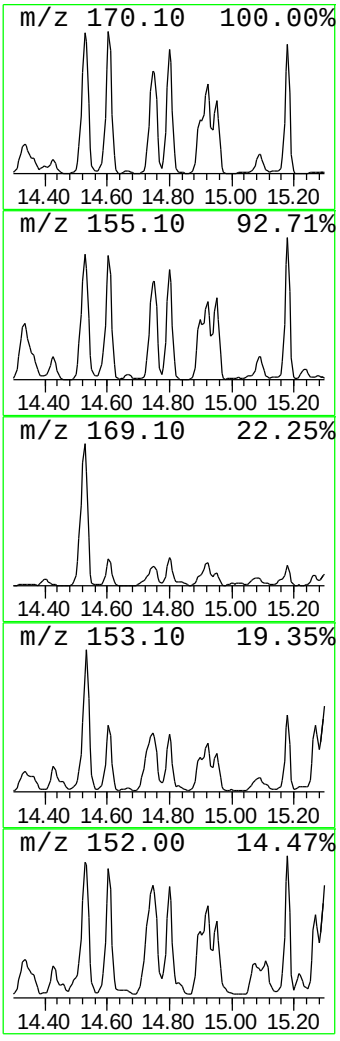
****

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	18.55 ng/ul	11652800	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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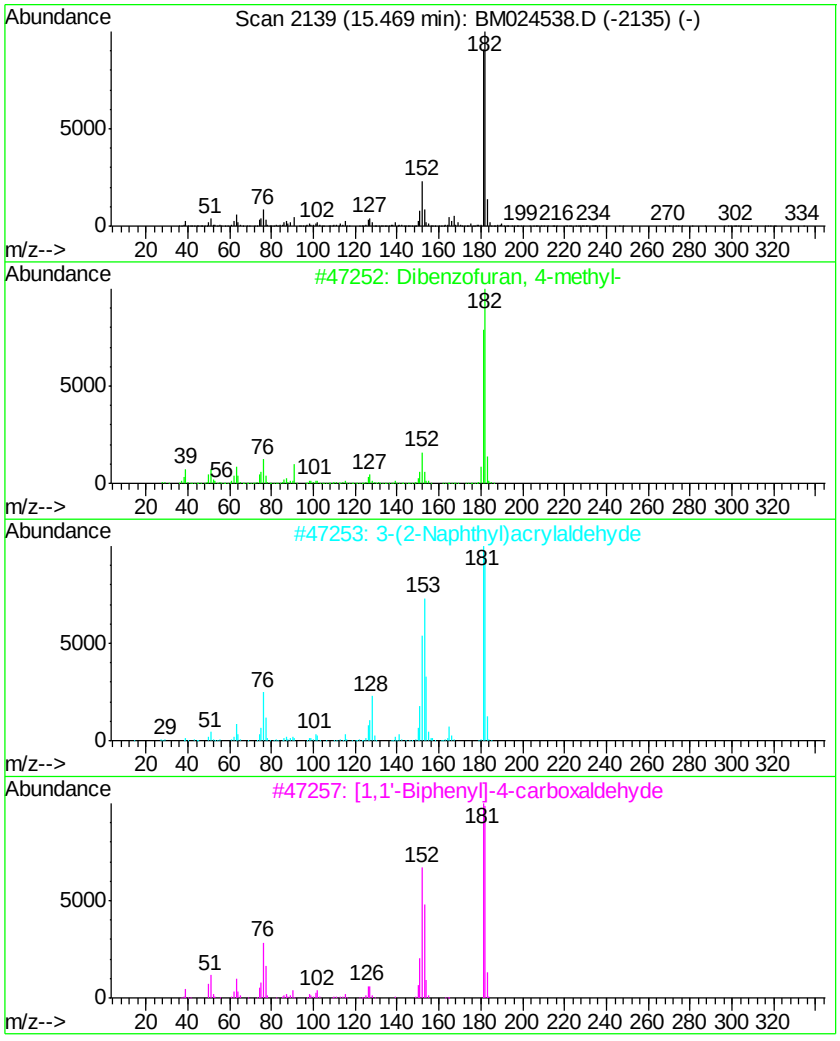
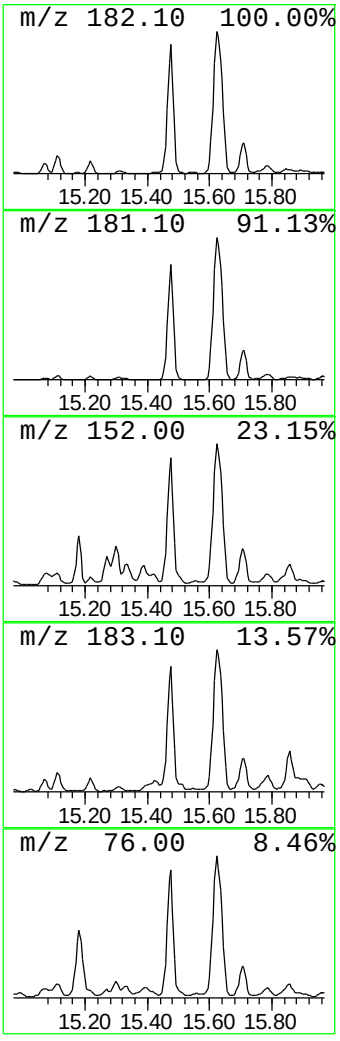
Peak Number 12 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	31.86 ng/ul	20011800	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	53





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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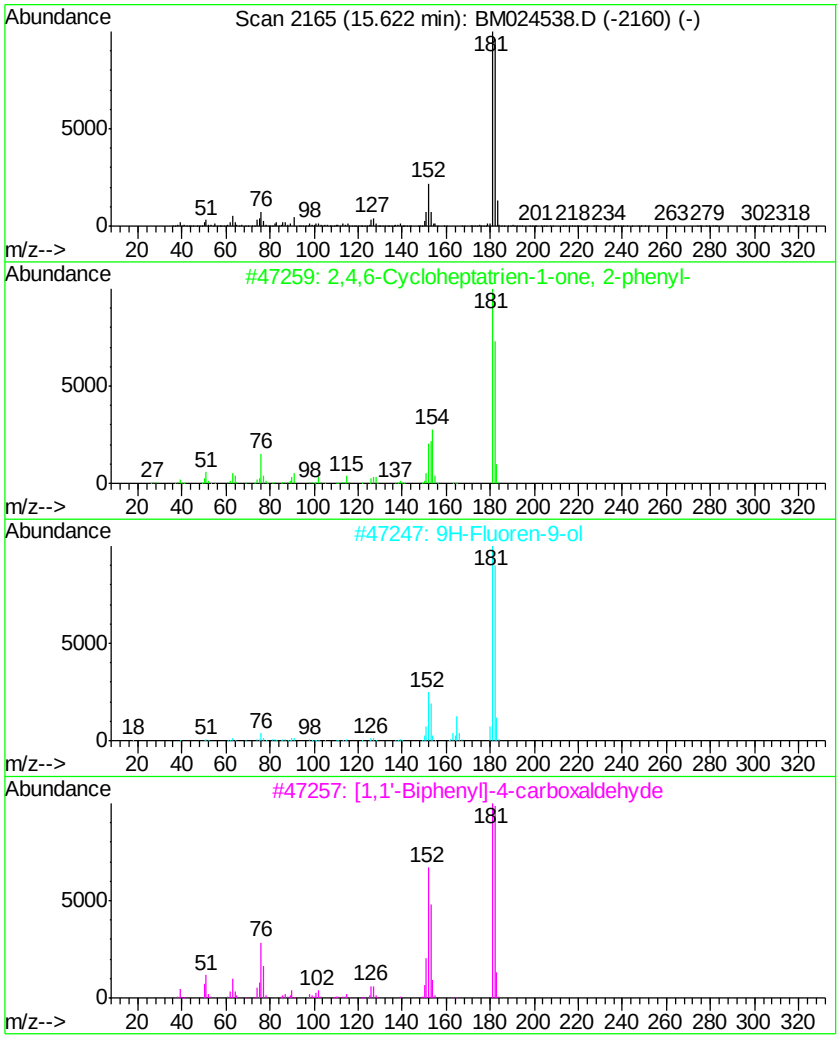
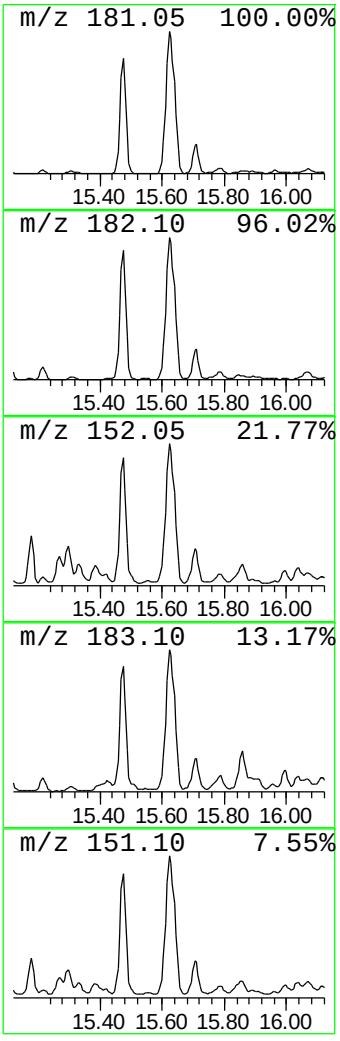
Peak Number 13 2,4,6-Cycloheptatrien-1-one... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	3.29 ng/ul	34495800	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	9H-Xanthene	182	C13H10O	000092-83-1	53





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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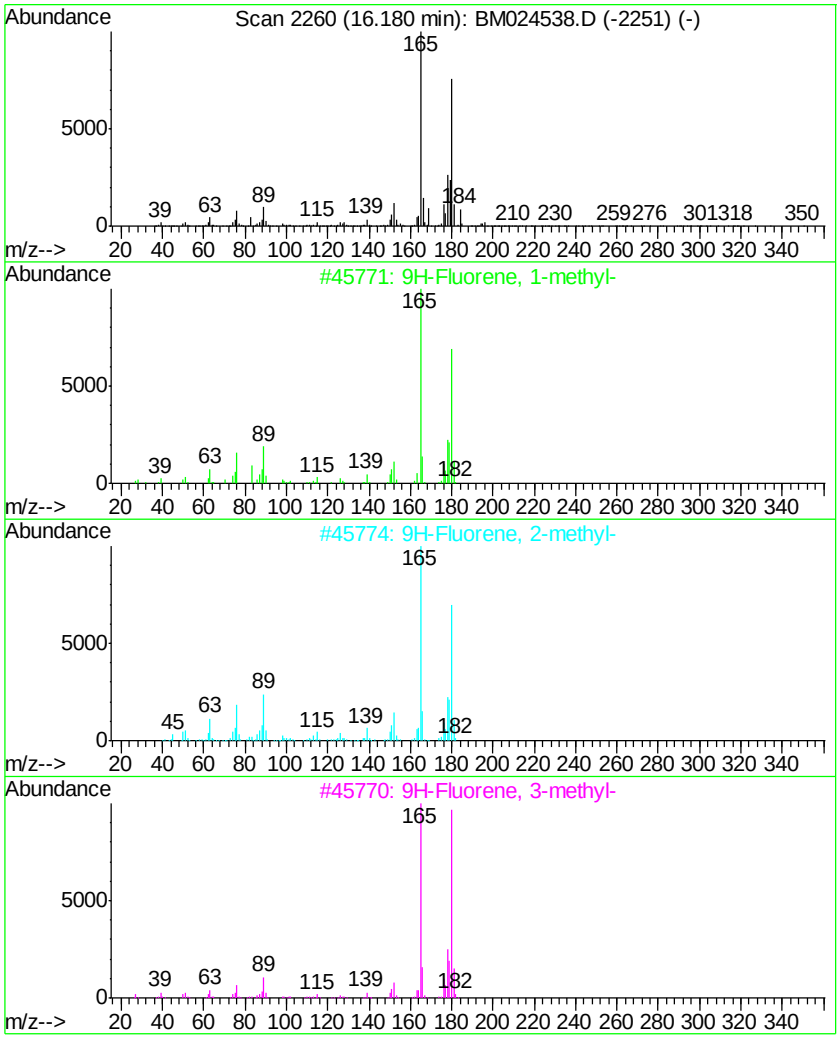
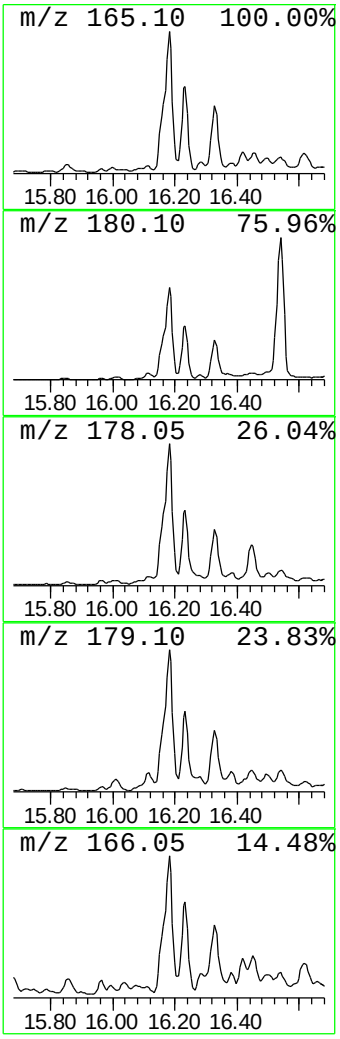
Peak Number 14 9H-Fluorene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.57 ng/ul	26925700	Phenanthrene-d10	16.87

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, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89





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Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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Quant Title : SVOA CALIBRATION

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

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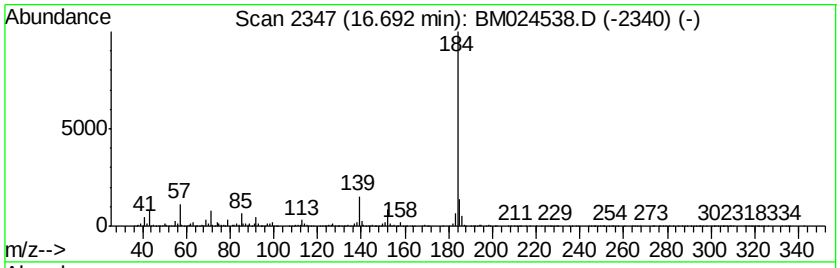
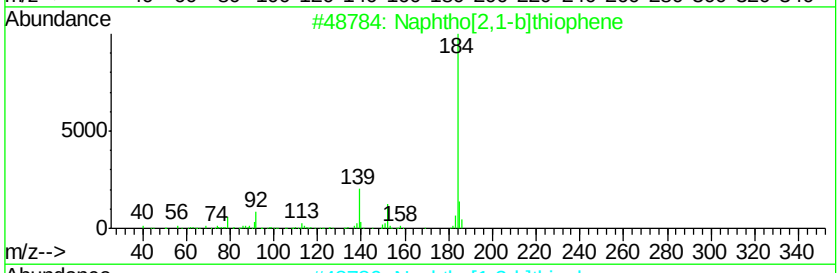
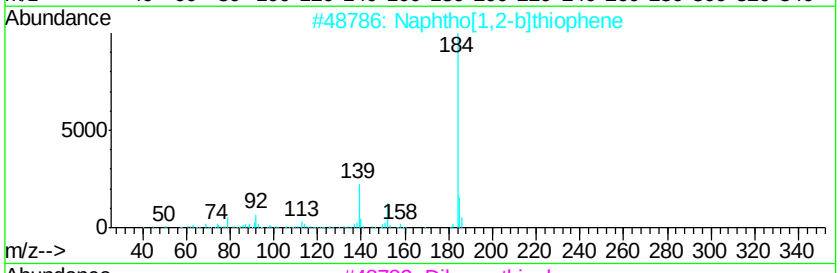
Peak Number 15 Naphtho[2,1-b]thiophene Concentration Rank 49

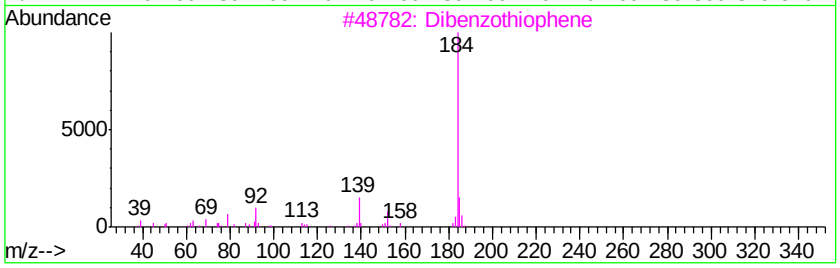
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.39 ng/ul	25043300	Phenanthrene-d10	16.87

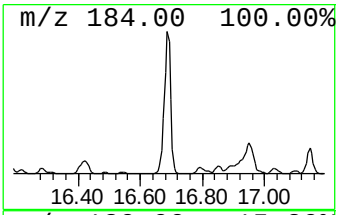
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90

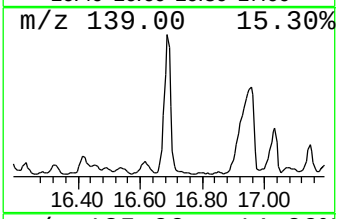


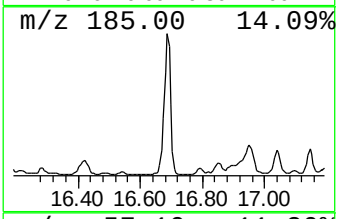


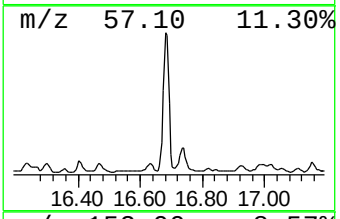


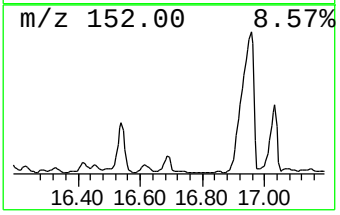












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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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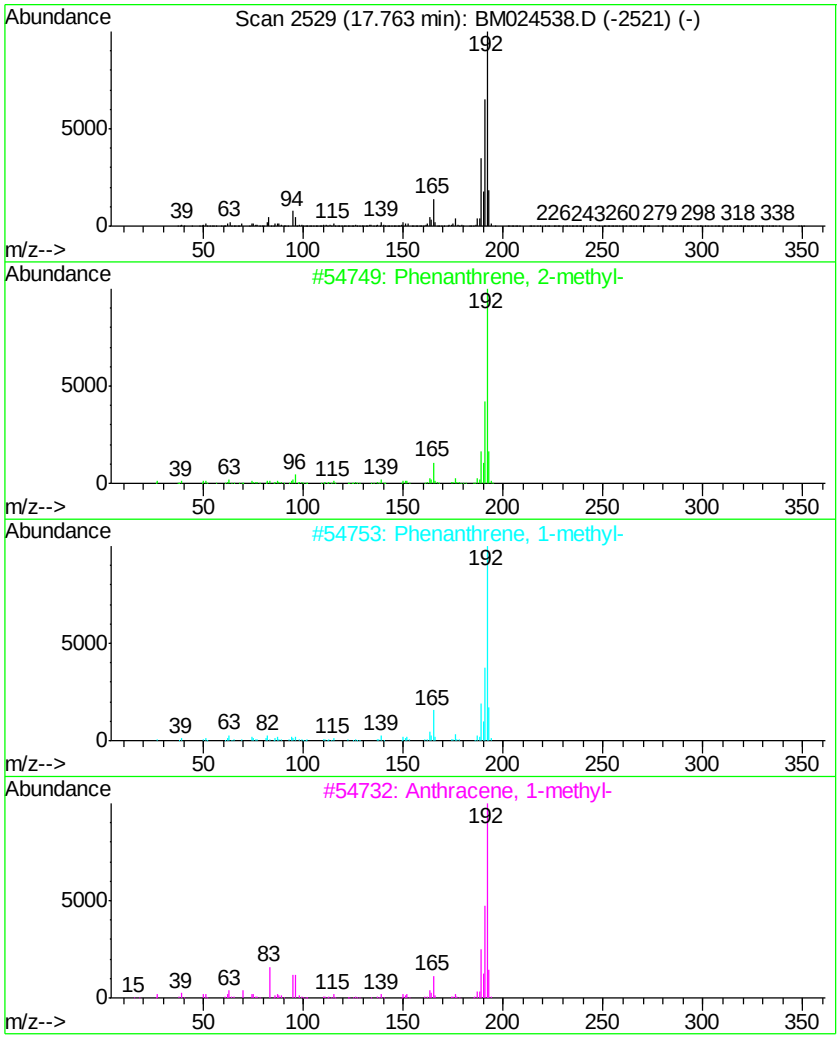
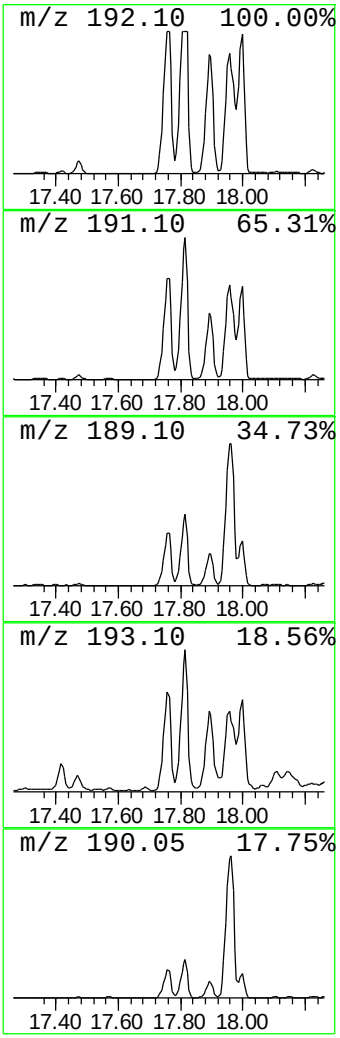
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	4.68 ng/ul	49043200	Phenanthrene-d10	16.87

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	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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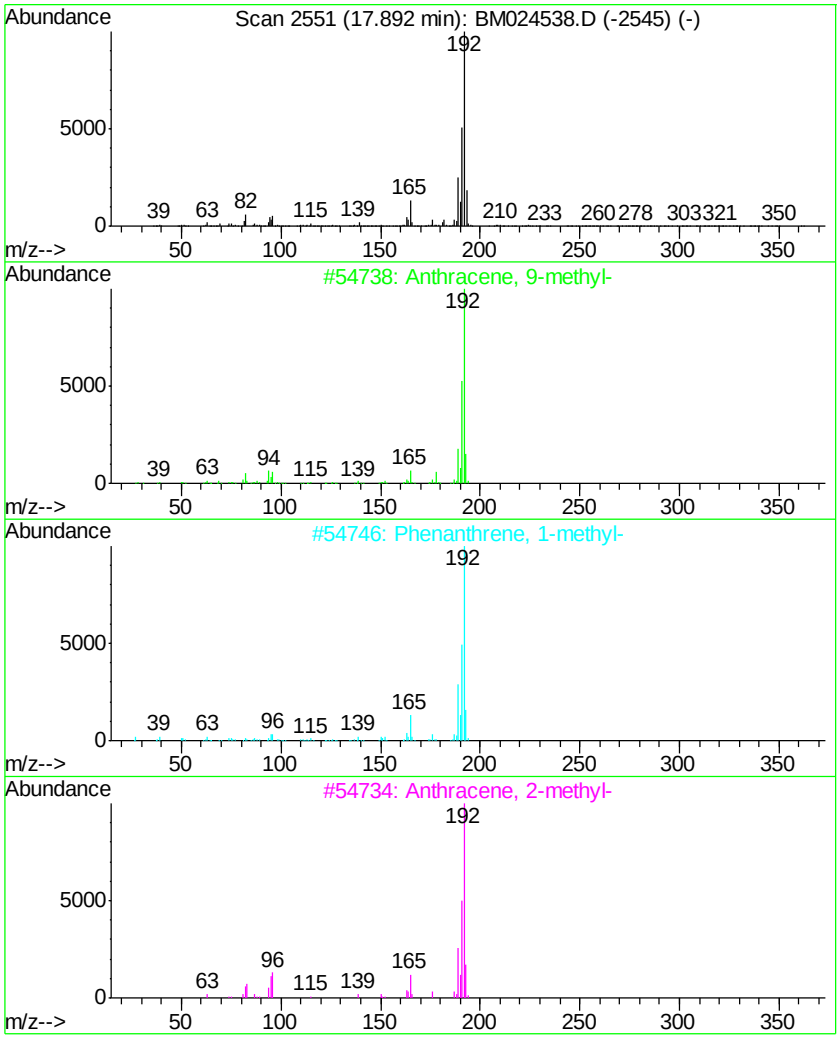
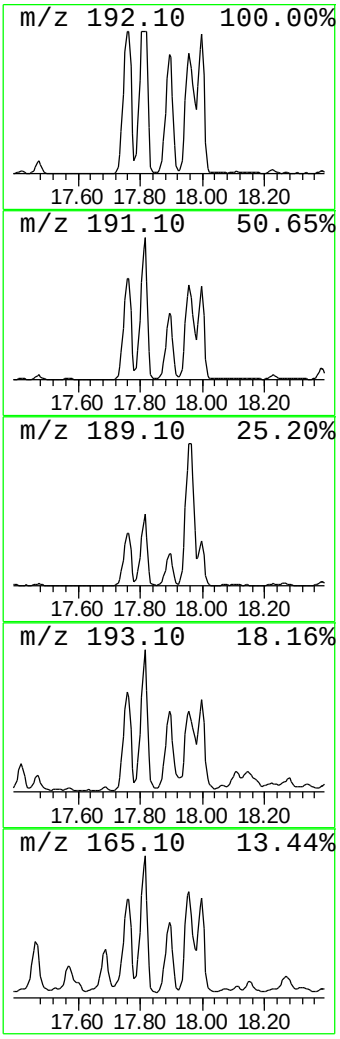
Peak Number 18 Anthracene, 9-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.18 ng/ul	33386800	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Library Search Compound Report

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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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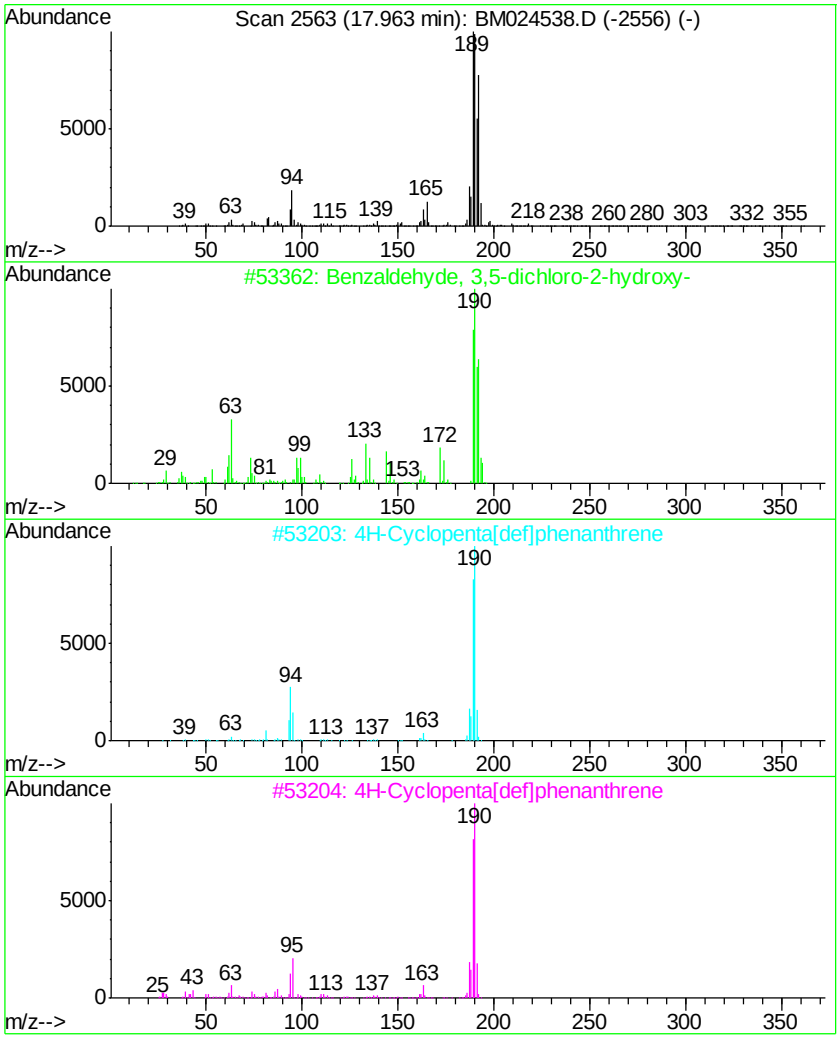
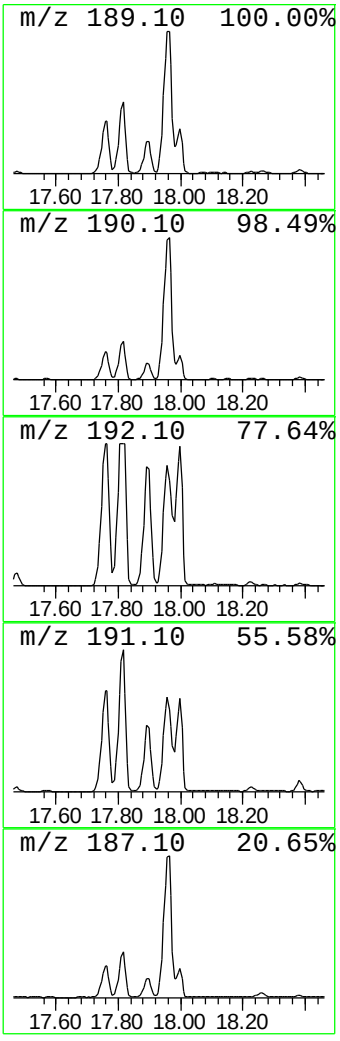
Peak Number 19 Benzaldehyde, 3,5-dichloro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	7.64 ng/ul	80065300	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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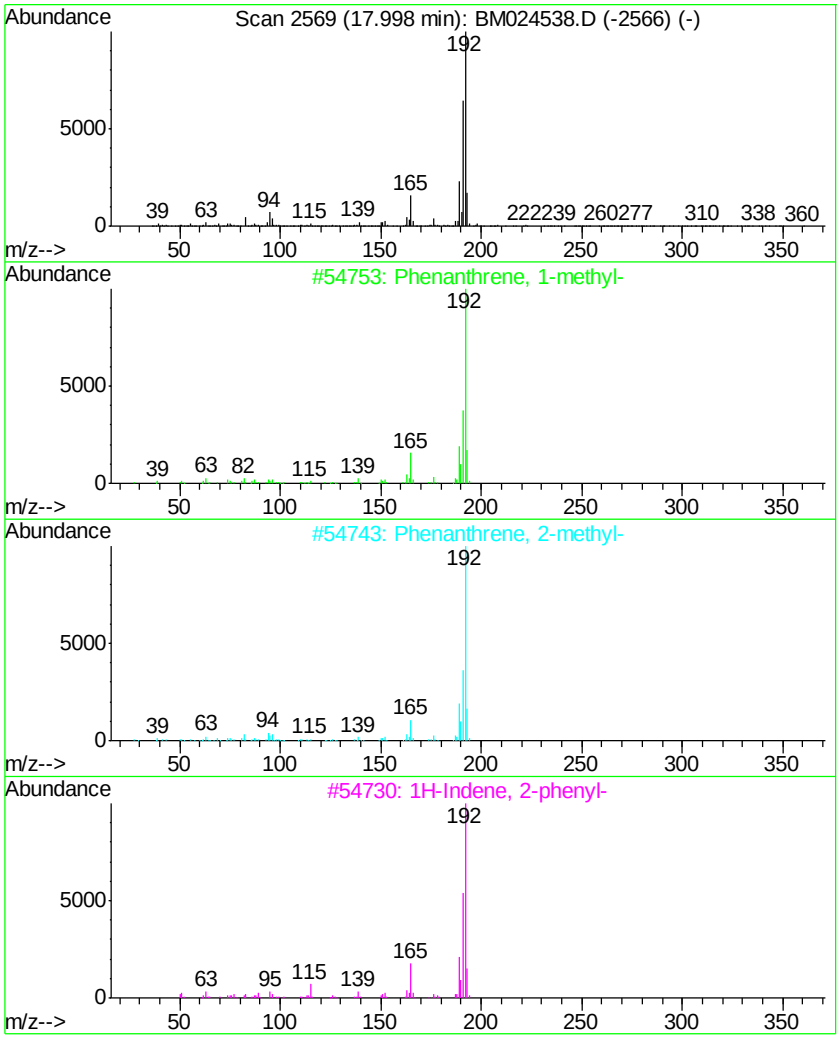
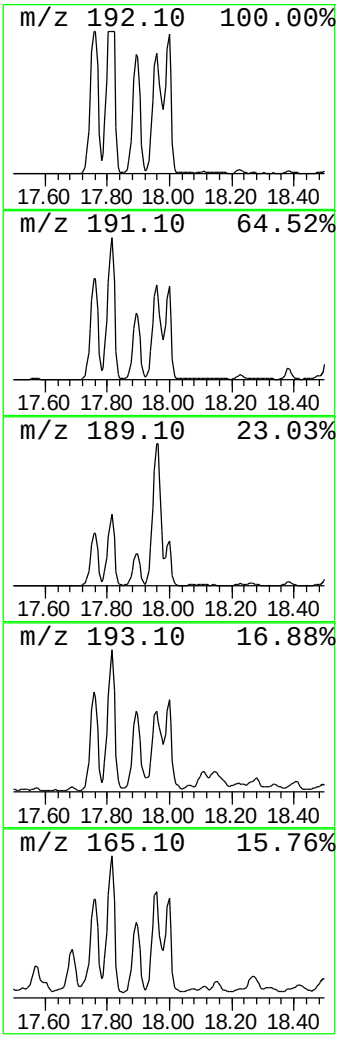
Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.05 ng/ul	31997800	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

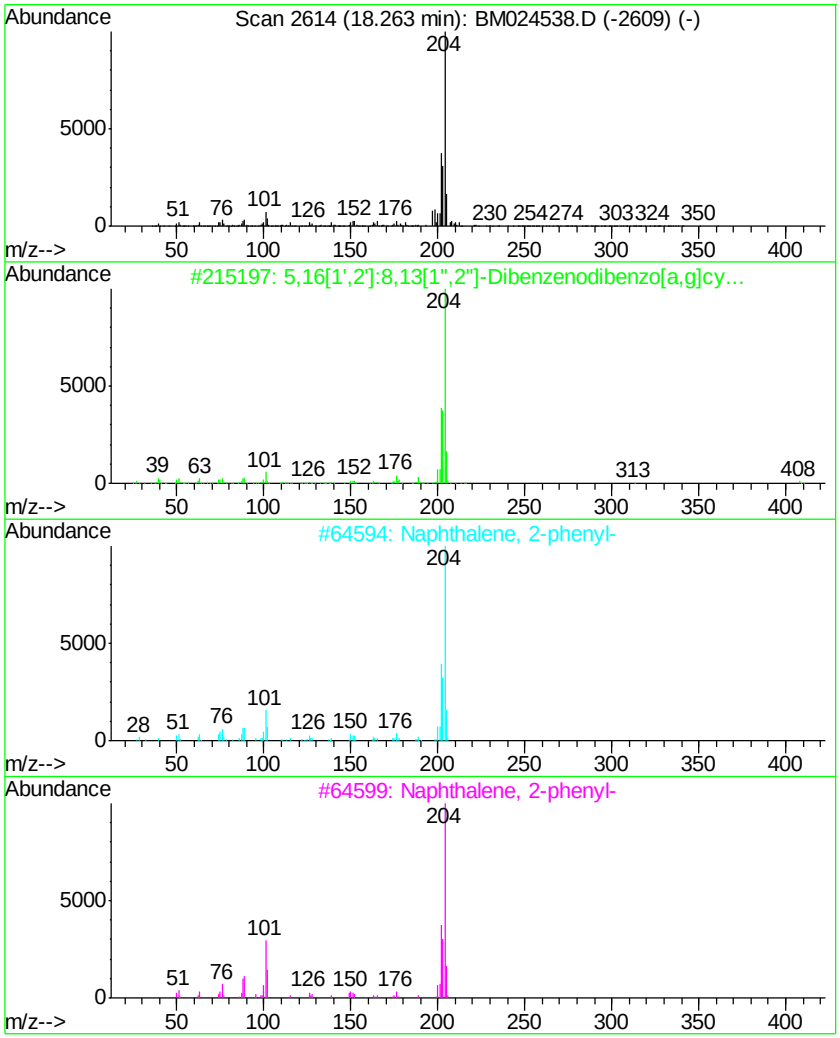
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

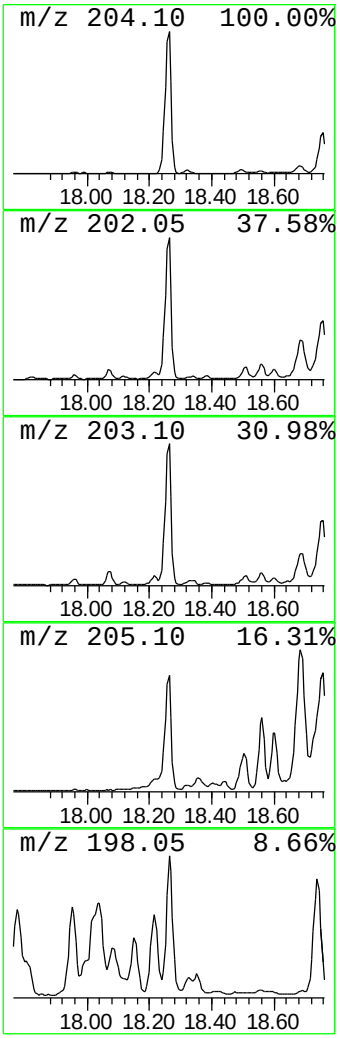
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.54 ng/ul	26621900	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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

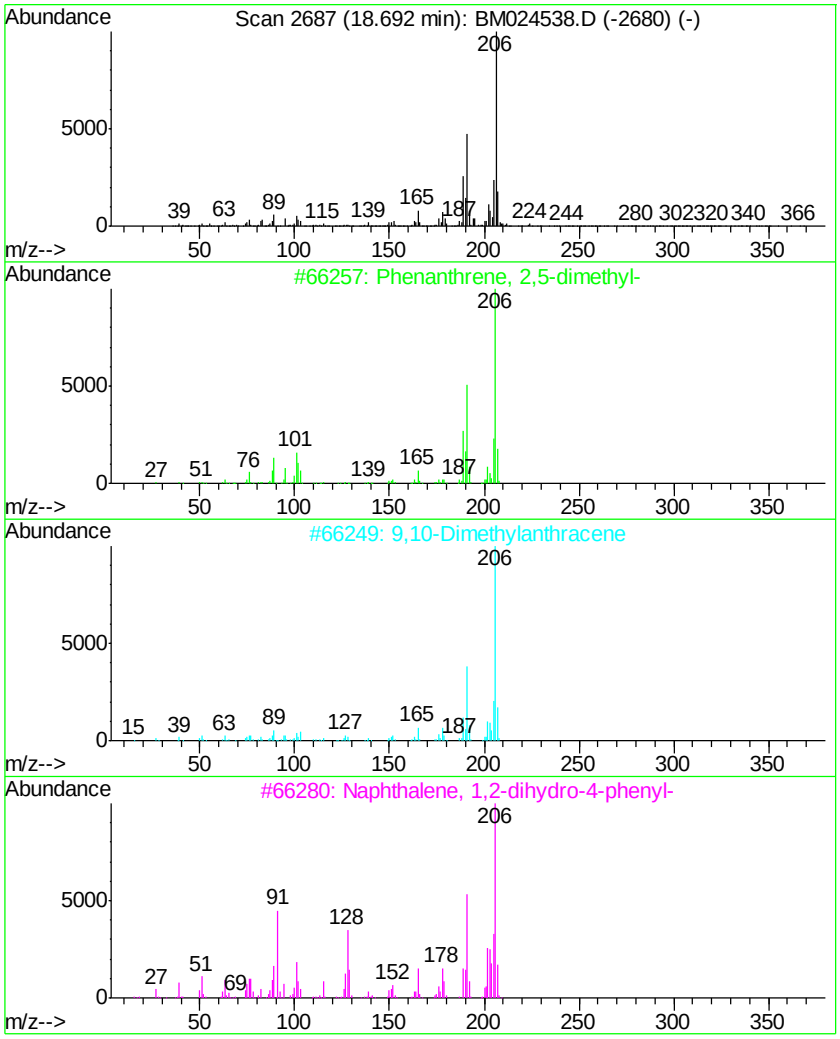
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

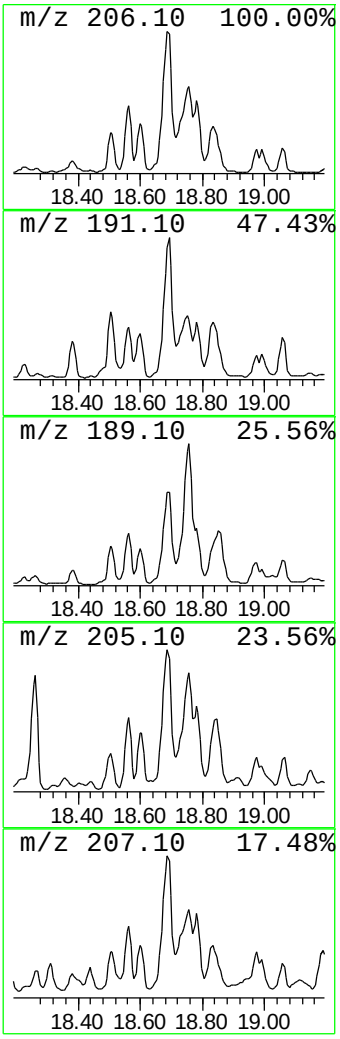
****

Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	3.35 ng/ul	35150000	Phenanthrene-d10	16.87

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	94
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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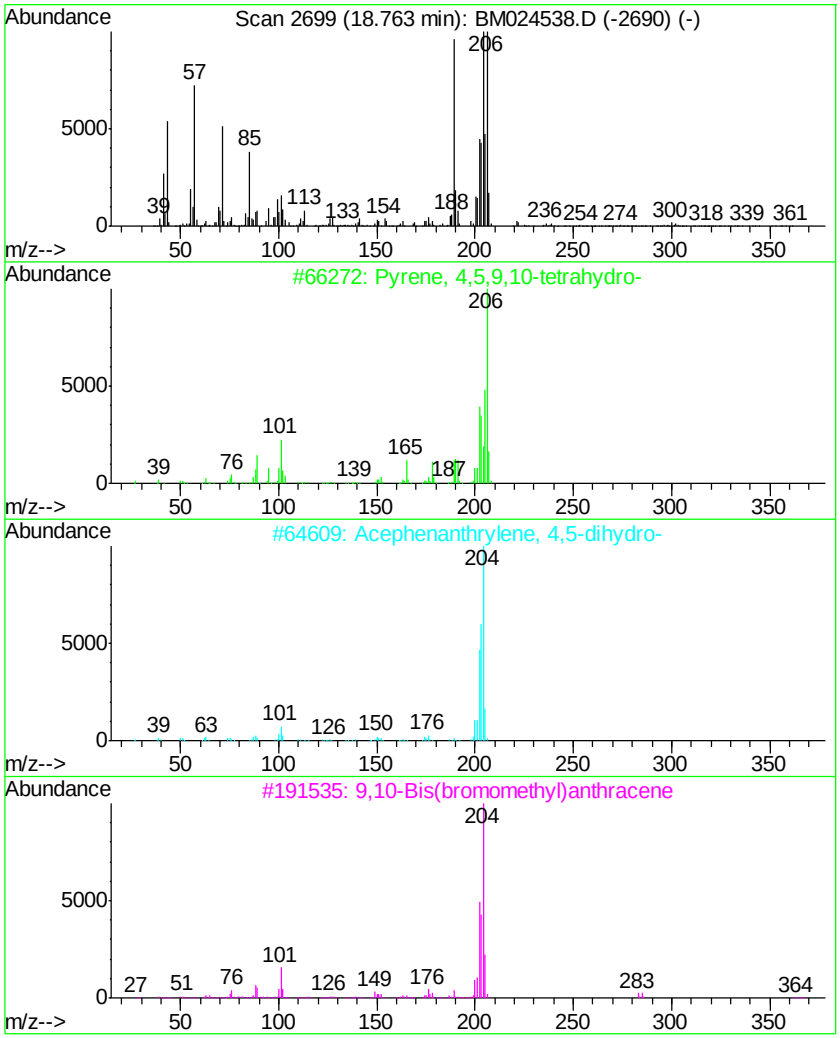
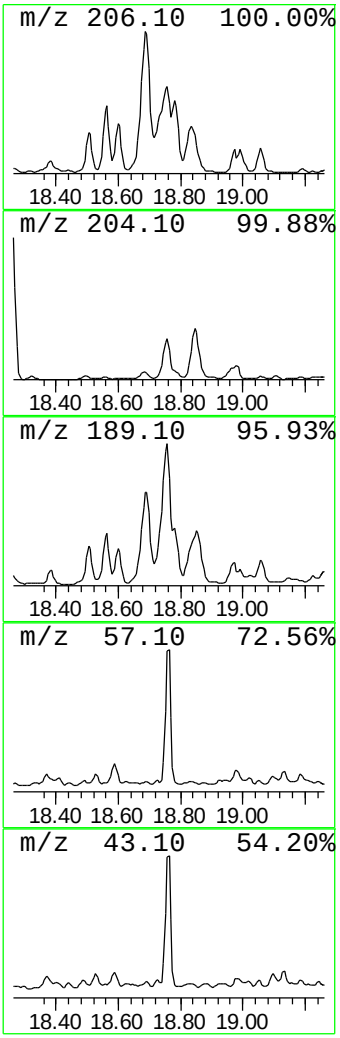
Peak Number 23 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.93 ng/ul	30727900	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	52
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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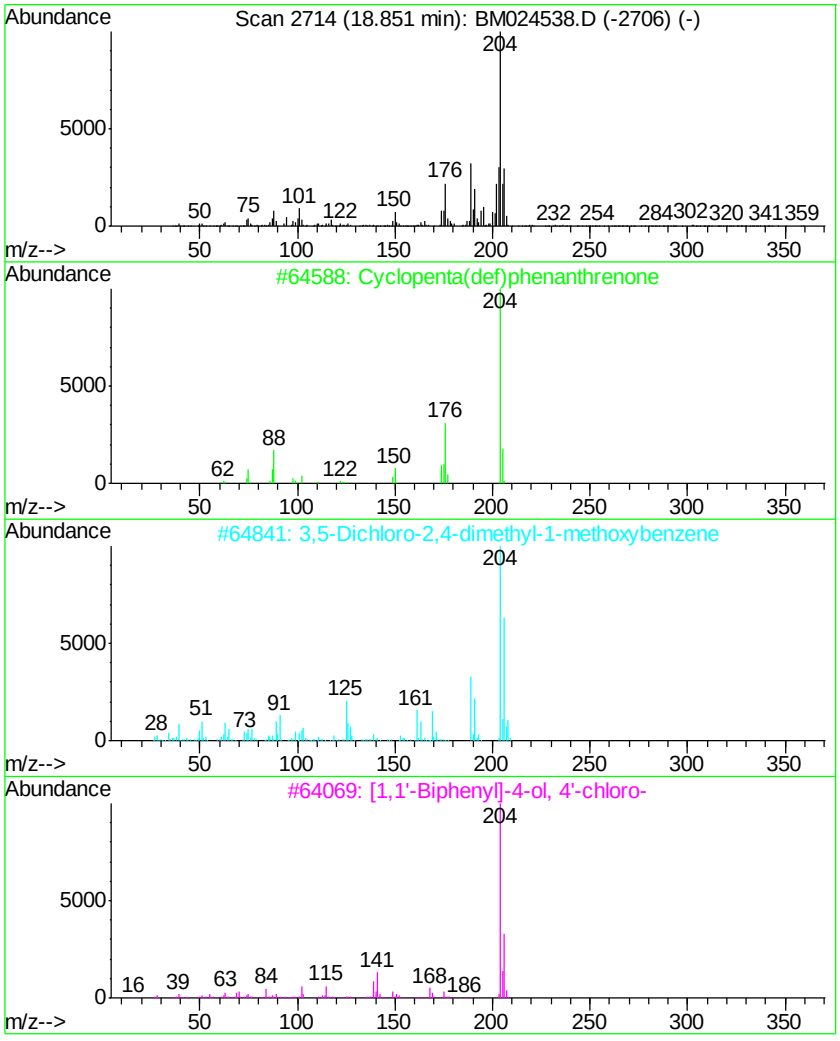
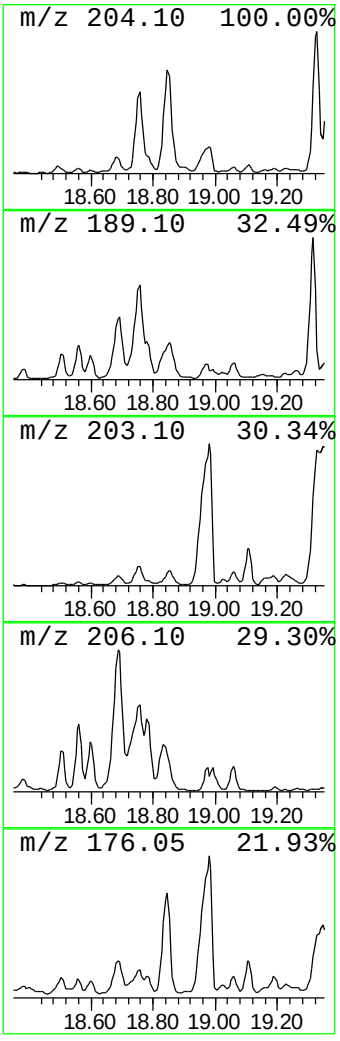
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.74 ng/ul	28691300	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	53
2	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	50
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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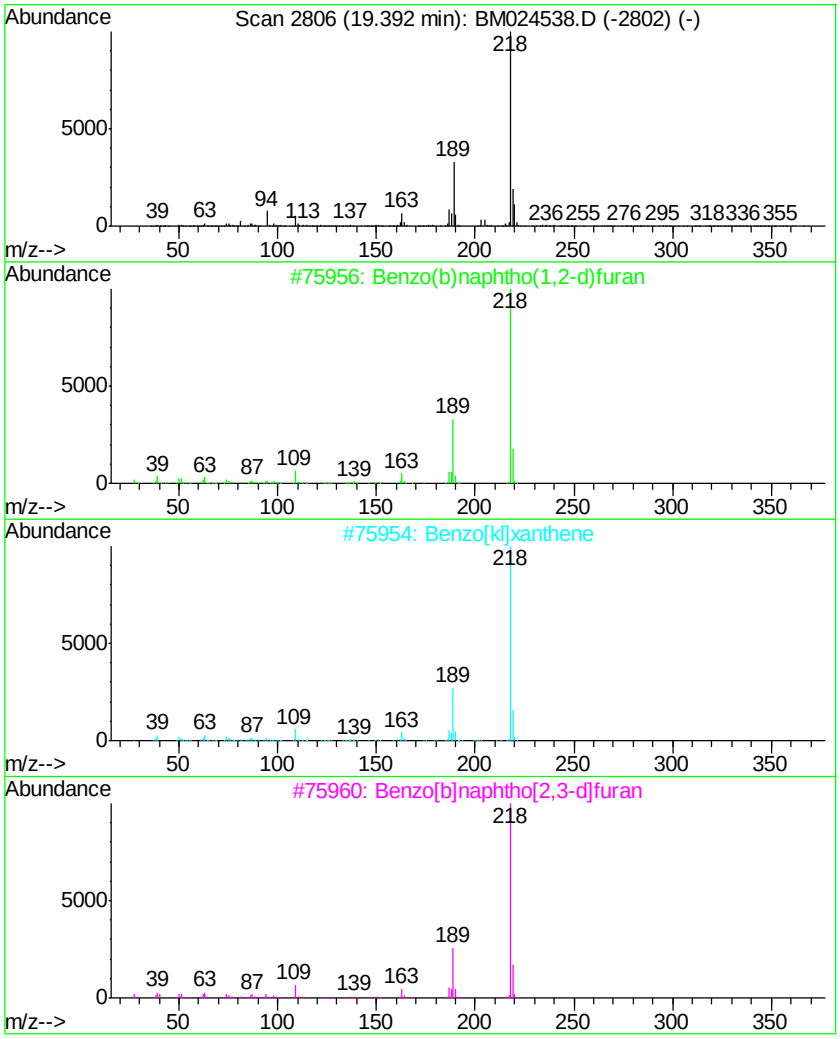
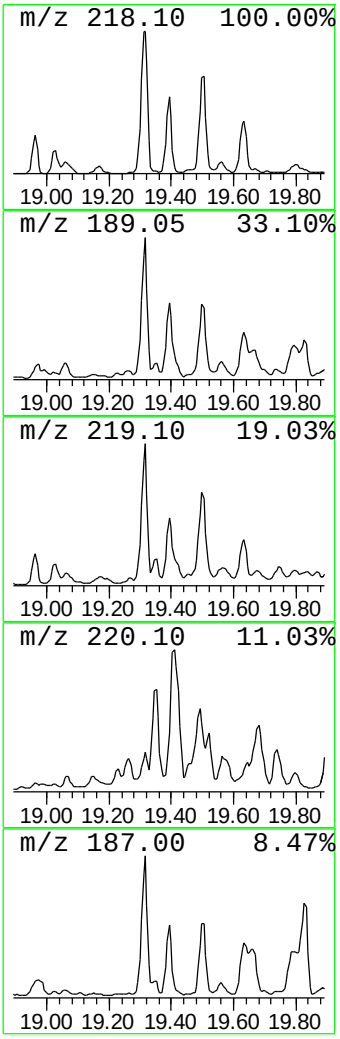
Peak Number 26 Benzo(b)naphtho(1,2-d)furan Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	3.52 ng/ul	24446000	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	94
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	91
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87
4	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	87
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	83





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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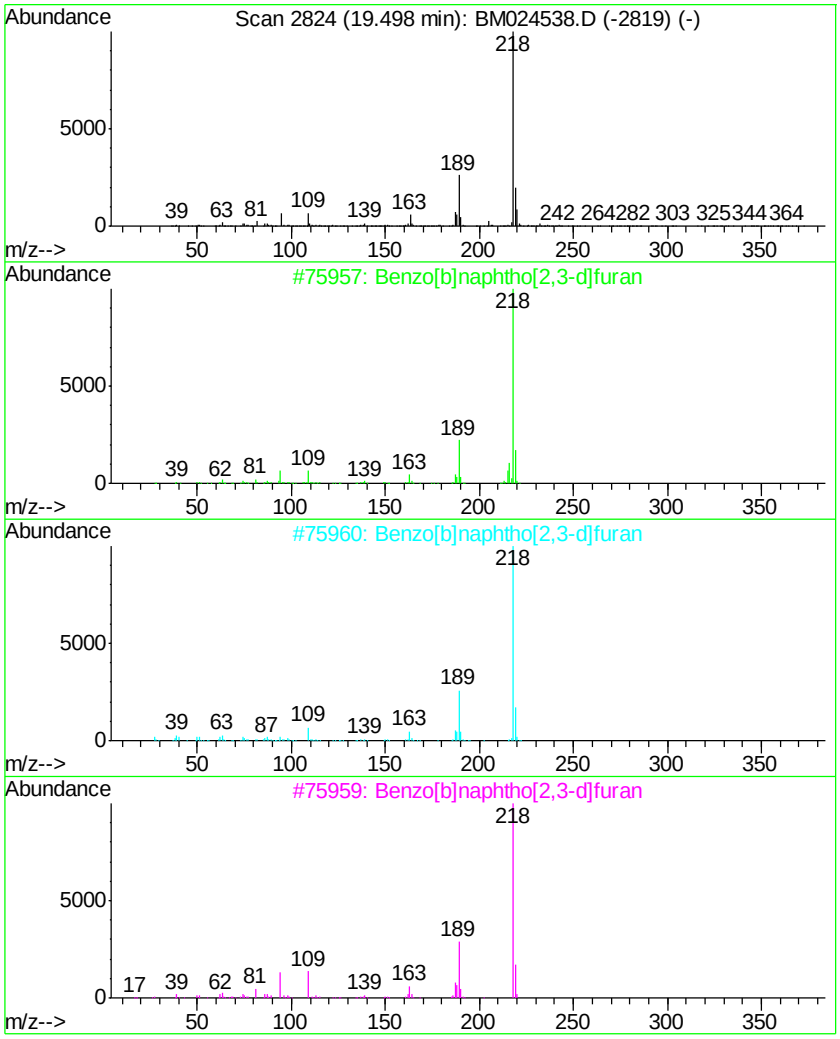
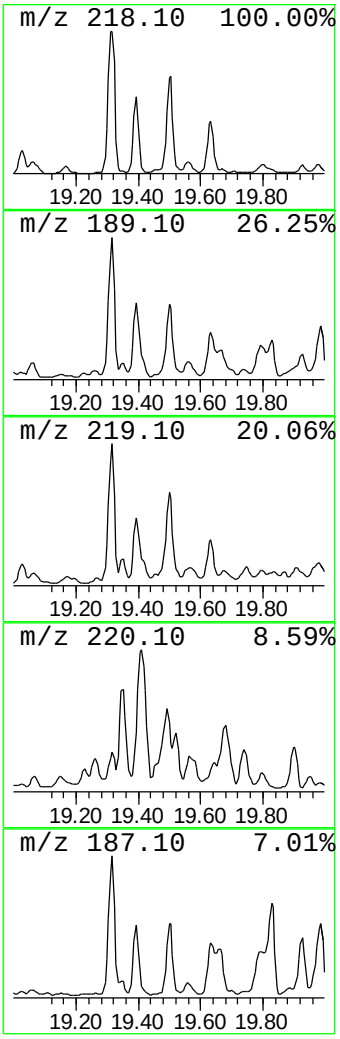
Peak Number 27 Benzo[b]naphtho[2,3-d]furan Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	3.28 ng/ul	22772100	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
5	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	91





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Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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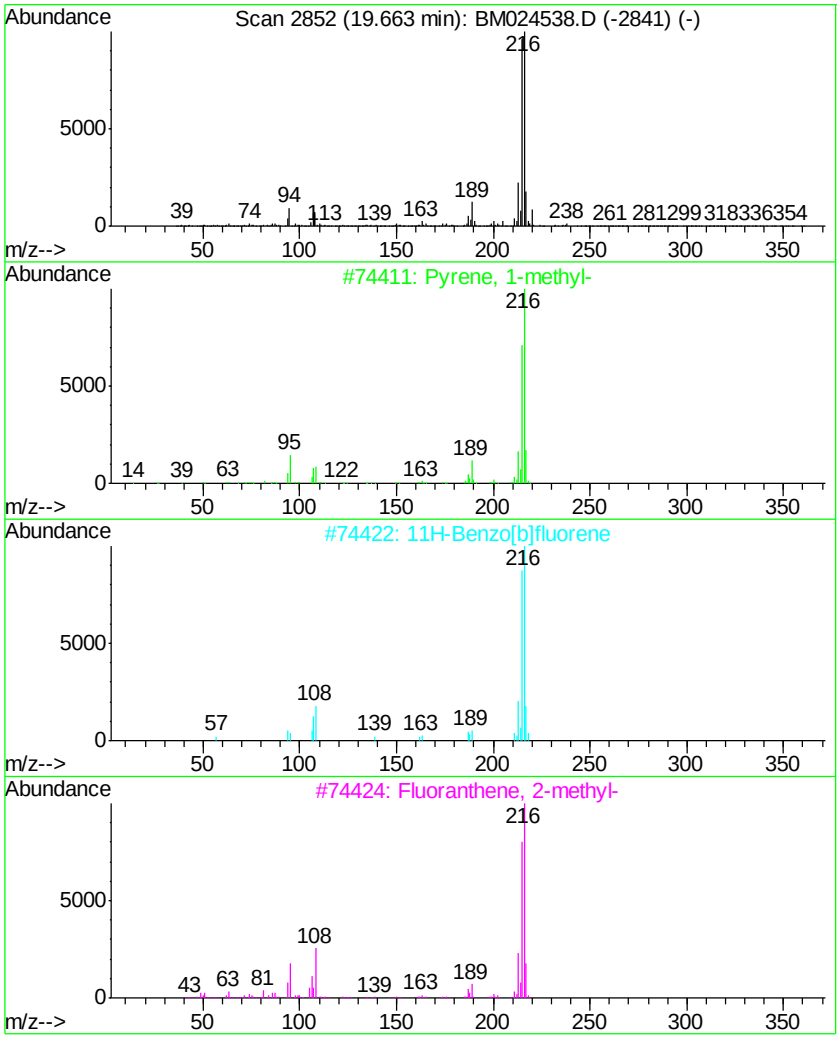
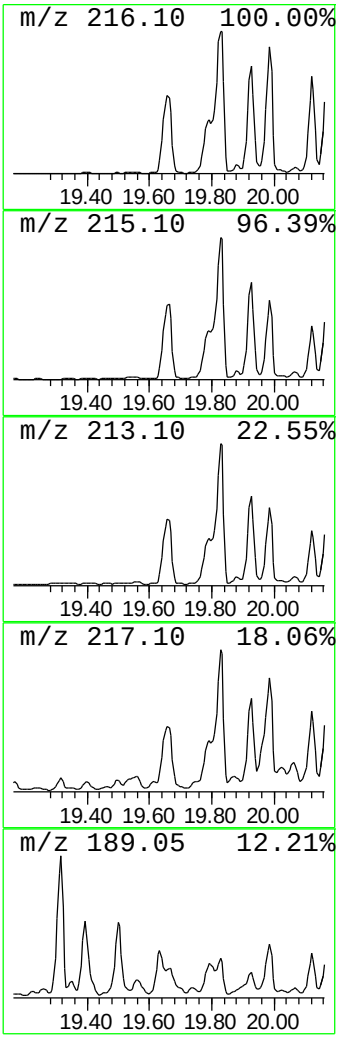
Peak Number 28 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	7.56 ng/ul	52594800	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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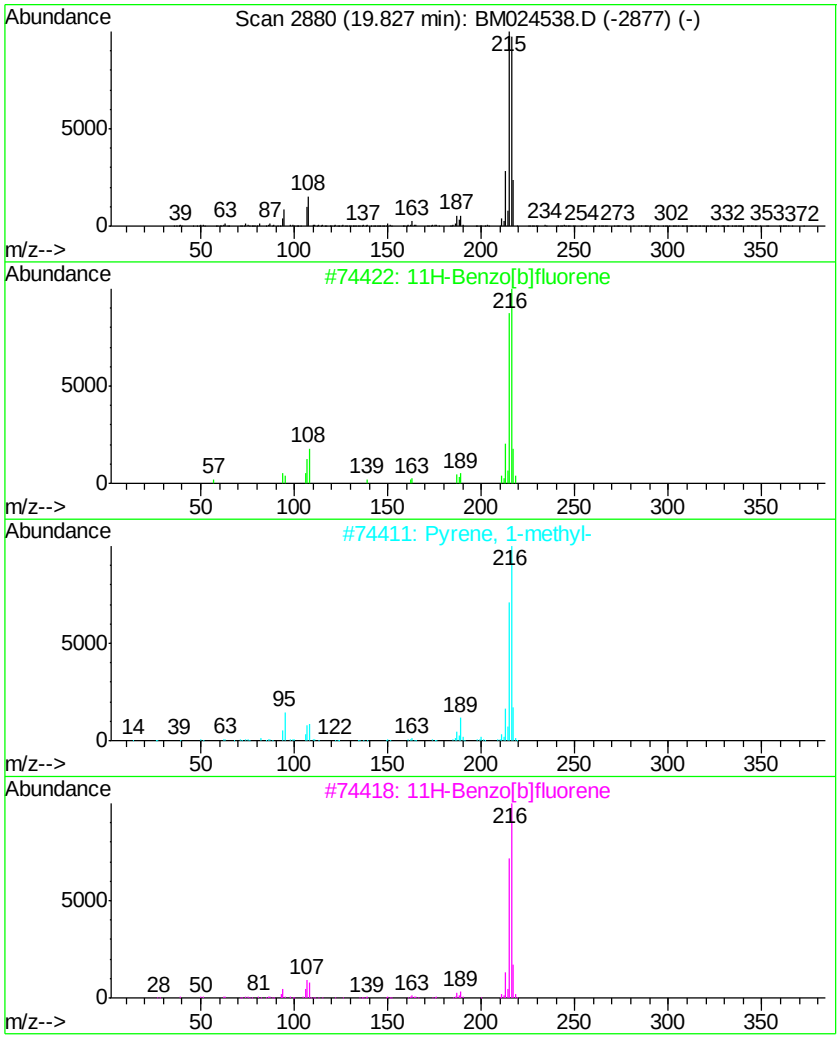
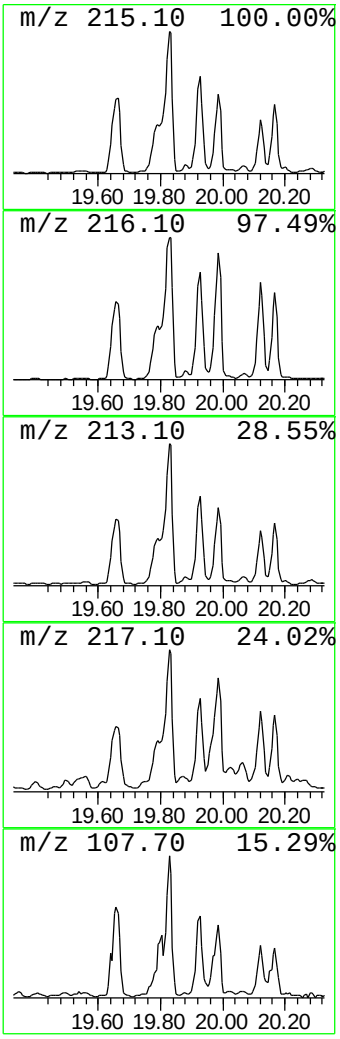
Peak Number 30 11H-Benzo[b]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	6.14 ng/ul	42720500	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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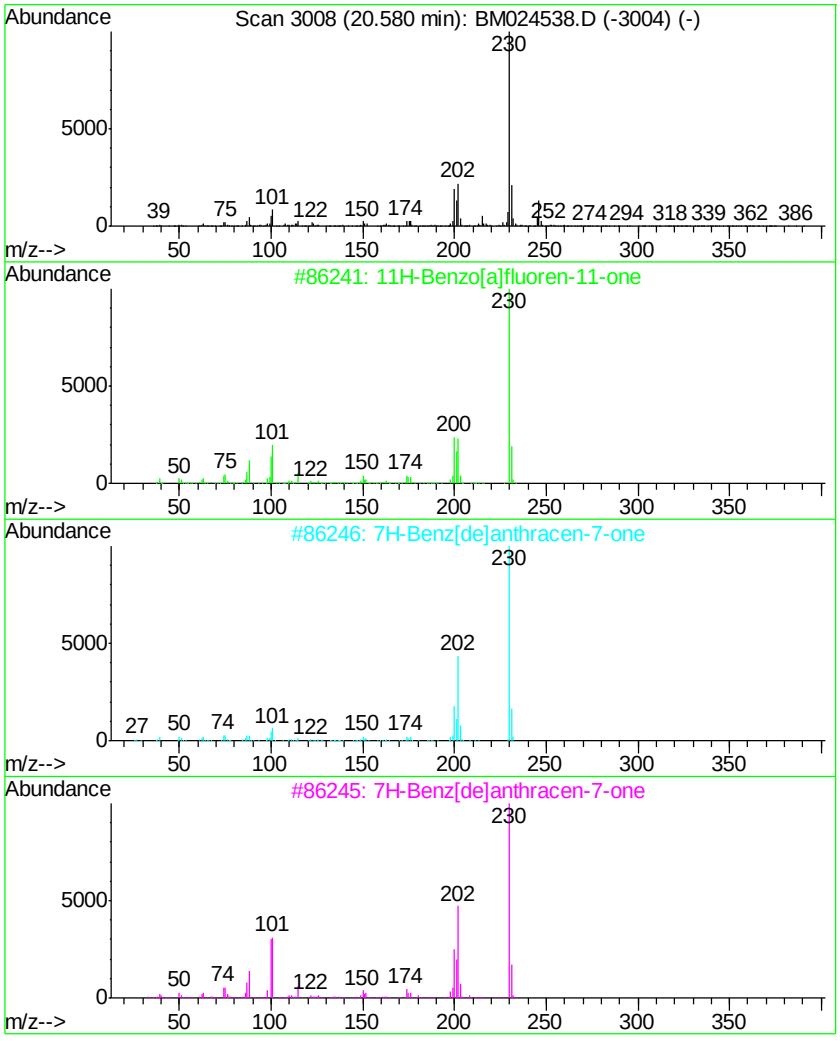
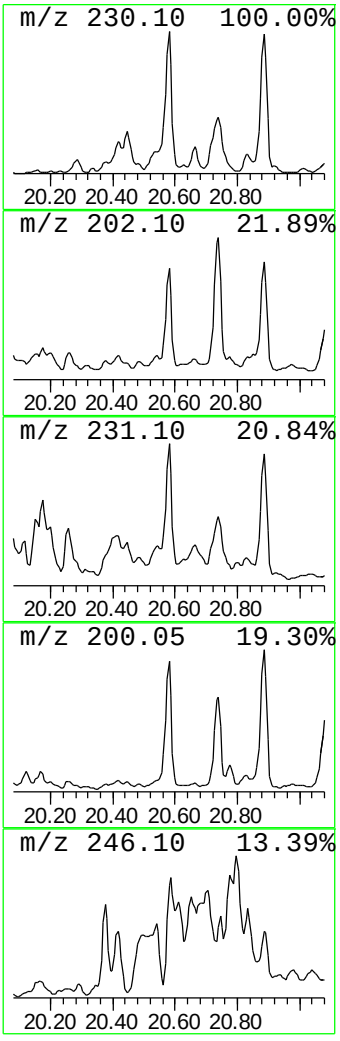
Peak Number 35 7H-Benz[de]anthracen-7-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	3.87 ng/ul	26909800	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





Library Search Compound Report

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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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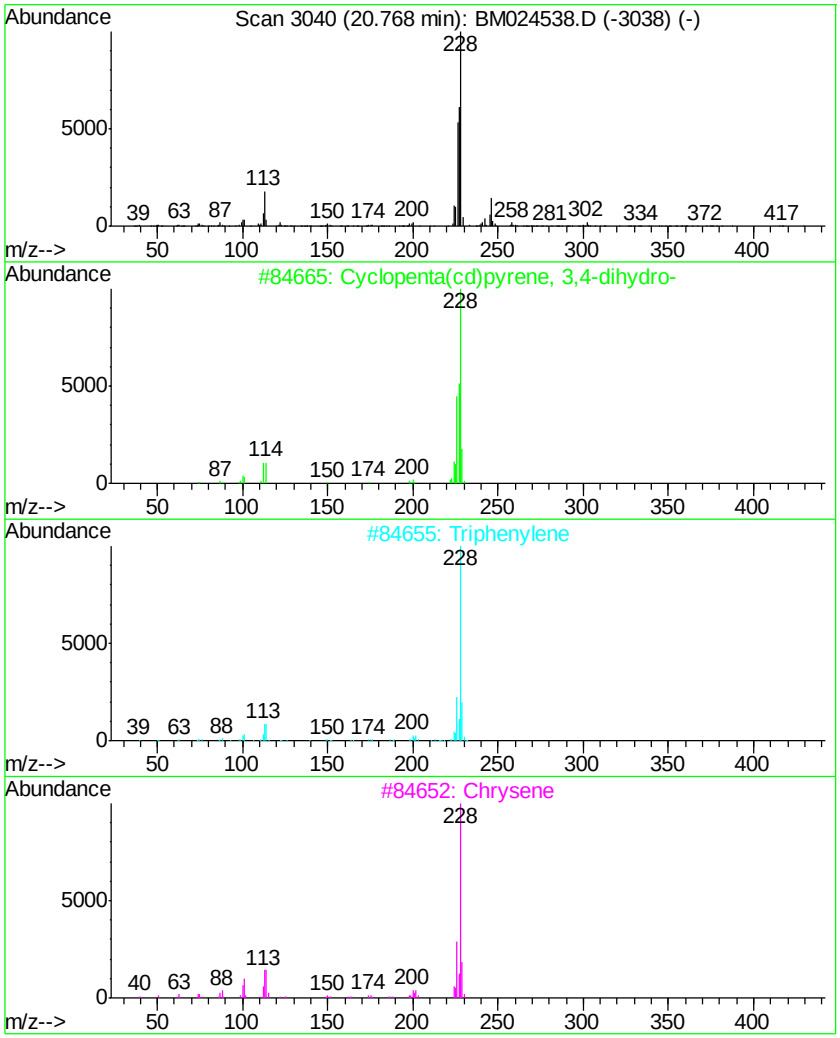
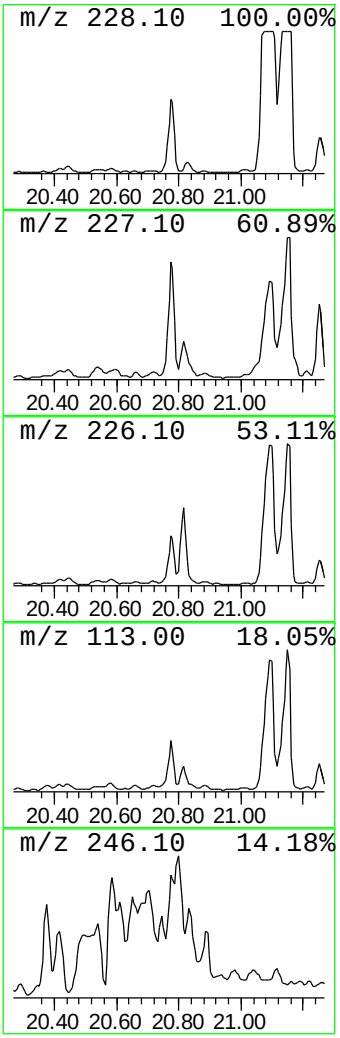
Peak Number 37 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	4.13 ng/ul	28743200	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	47
2	Triphenylene	228	C18H12	000217-59-4	43
3	Chrysene	228	C18H12	000218-01-9	43
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5	Triphenylene	228	C18H12	000217-59-4	38





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Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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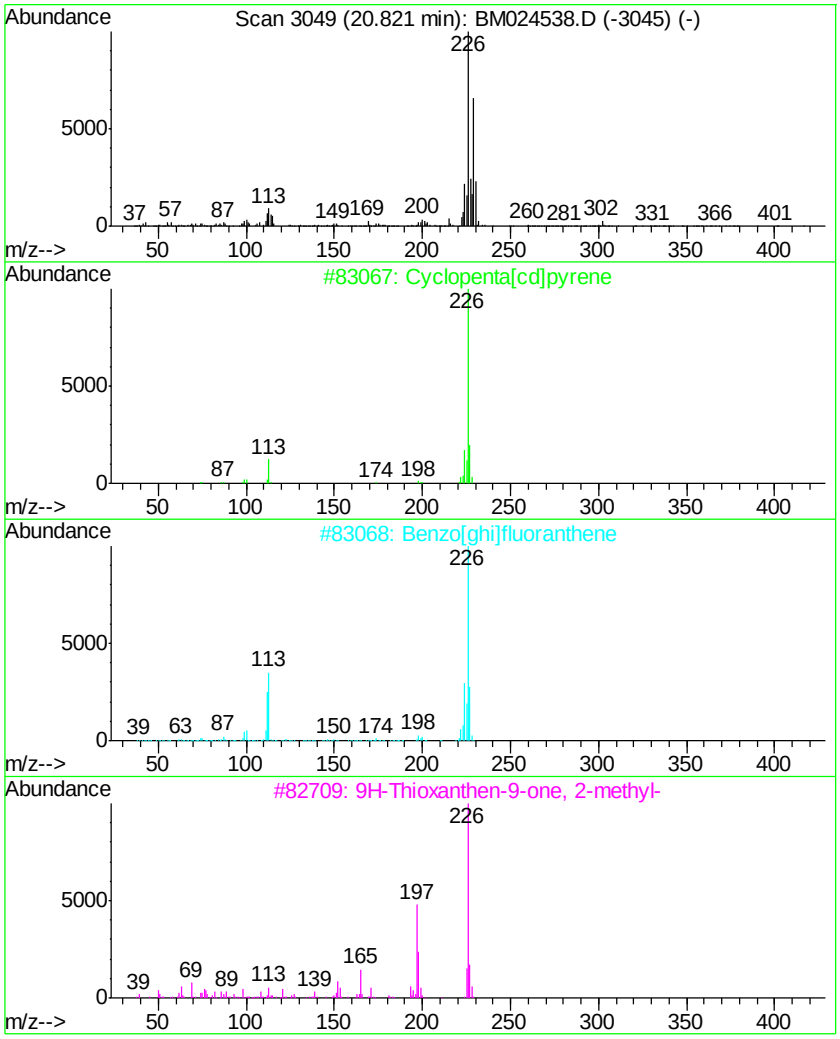
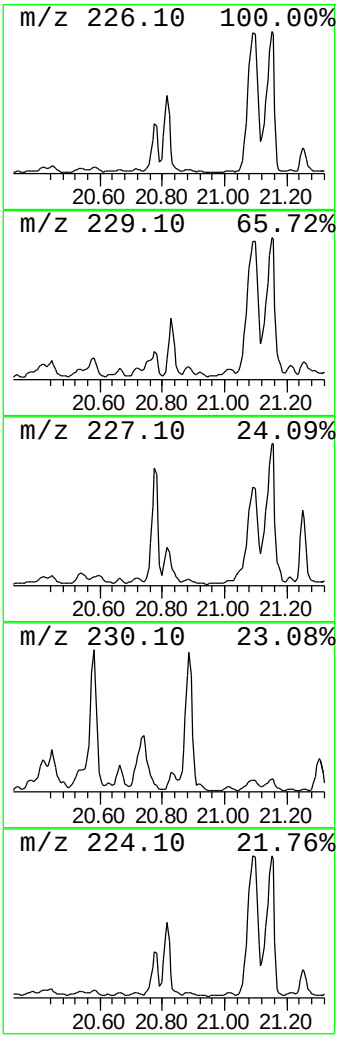
Peak Number 38 Cyclopenta[cd]pyrene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.09 ng/ul	21464700	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	46
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	37
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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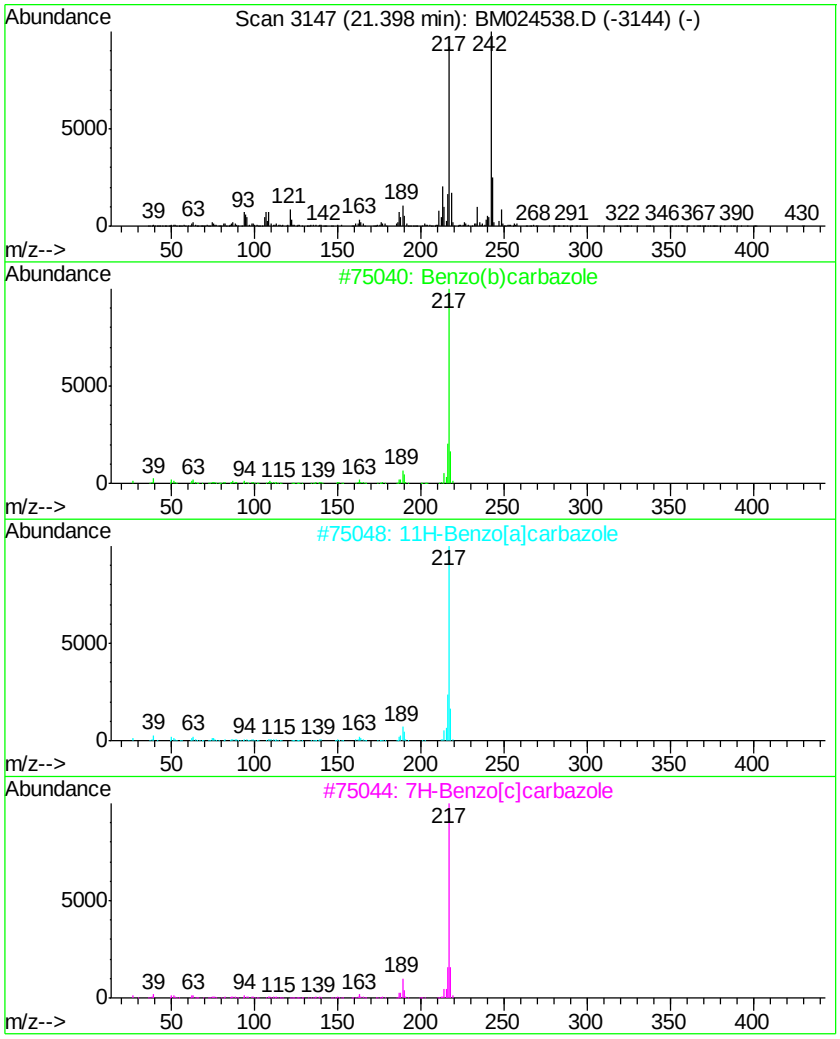
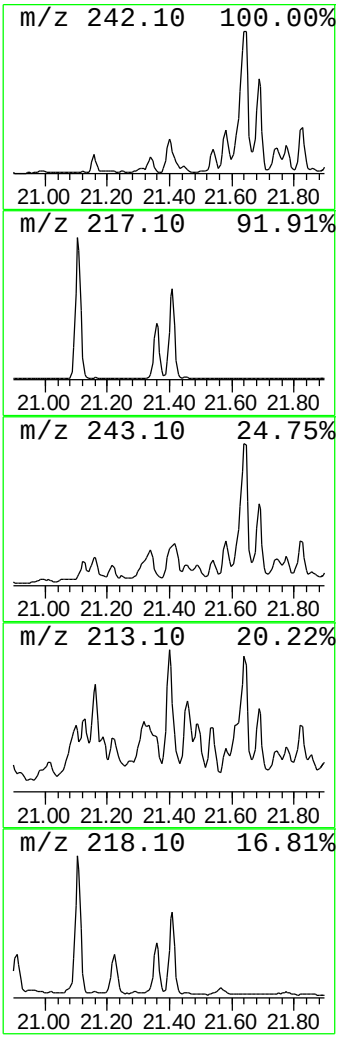
Peak Number 40 Benzo(b)carbazole Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.49 ng/ul	17297300	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	90
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	60
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	55
5	1-Aminopyrene	217	C16H11N	001606-67-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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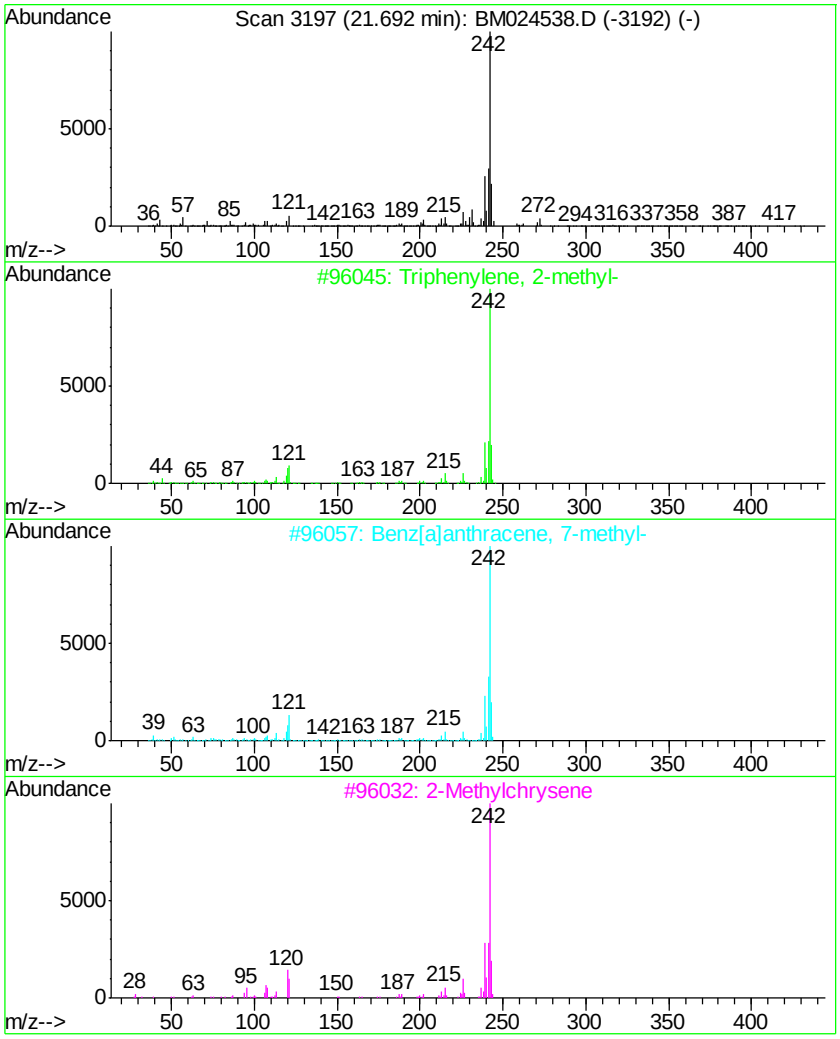
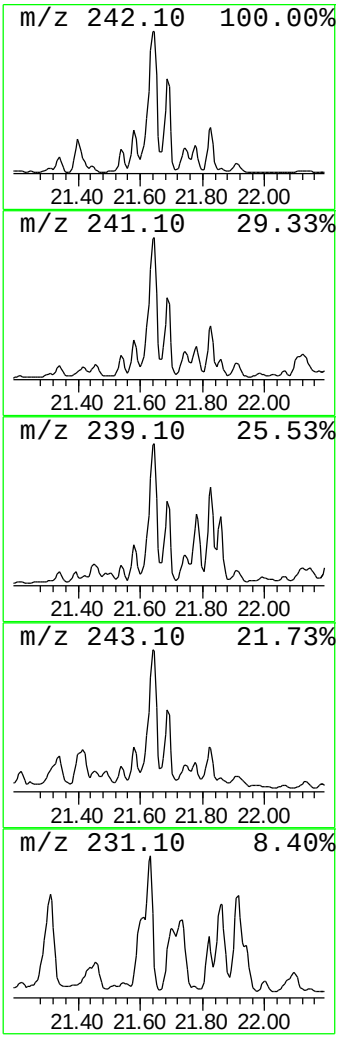
Peak Number 42 Triphenylene, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	3.18 ng/ul	22077200	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3	2-Methylchrysene	242	C19H14	003351-32-4	93
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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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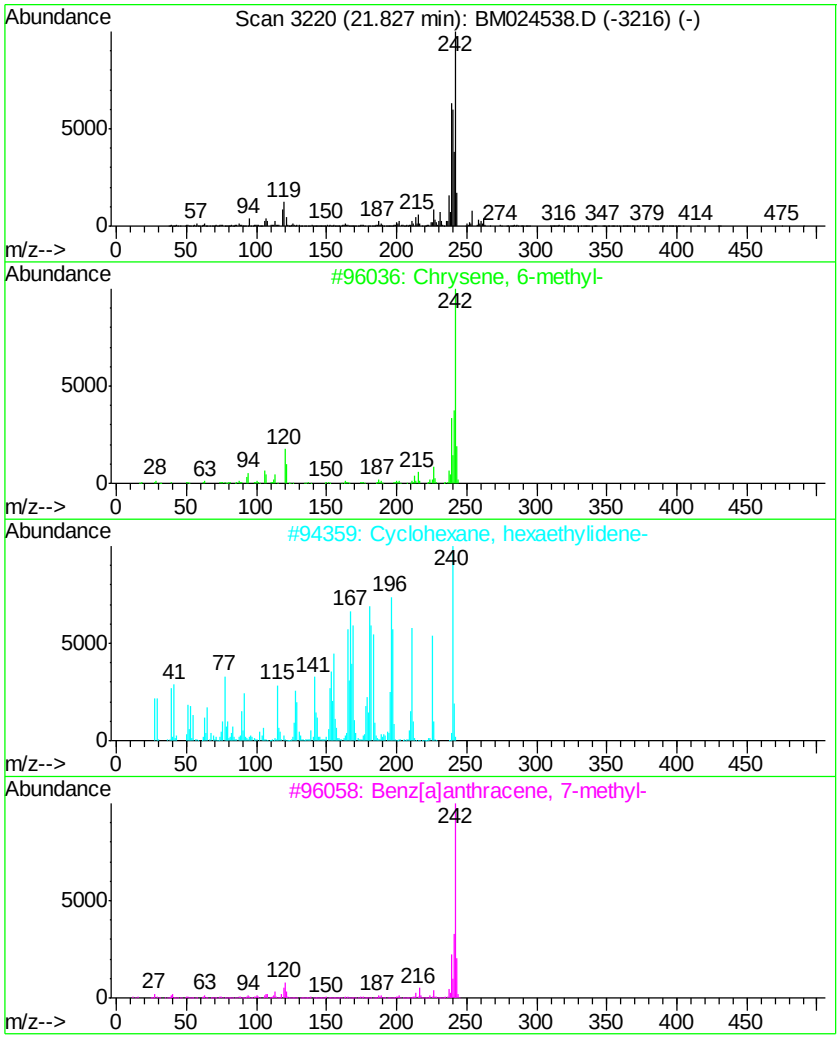
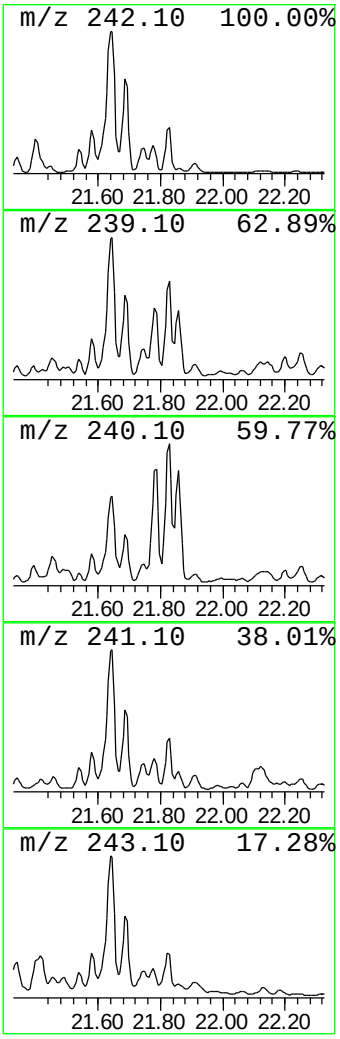
Peak Number 43 Chrysene, 6-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.46 ng/ul	17073100	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	84
2	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	56
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	46
4	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	46
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\
Data File : BM024538.D
Acq On : 18 Jan 2020 16:35
Operator : JU
Sample : L1109-10 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG9

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
1,3,5,7-Cycloocta...	5.49	12.6	ng/ul	8530850	1	7.46	13582400	20.0
Benzene, 1-etheny...	7.13	20.0	ng/ul	13582400	1	7.46	13582400	20.0
o-Cymene	9.65	25.2	ng/ul	9340940	2	10.22	7415620	20.0
Naphthalene, 1-me...	12.14	206.7	ng/ul	76619900	2	10.22	7415620	20.0
Naphthalene, 2,6-...	13.27	40.5	ng/ul	25449800	3	14.10	12562800	20.0
Naphthalene, 2,3-...	13.45	72.6	ng/ul	45596800	3	14.10	12562800	20.0
Naphthalene, 2,3,...	14.60	16.3	ng/ul	10210200	3	14.10	12562800	20.0
Naphthalene, 1,4,...	14.80	18.6	ng/ul	11652800	3	14.10	12562800	20.0
Dibenzofuran, 4-m...	15.47	31.9	ng/ul	20011800	3	14.10	12562800	20.0
2,4,6-Cycloheptat...	15.62	3.3	ng/ul	34495800	4	16.87	209663000	20.0
9H-Fluorene, 1-me...	16.18	2.6	ng/ul	26925700	4	16.87	209663000	20.0
Naphtho[2,1-b]thi...	16.69	2.4	ng/ul	25043300	4	16.87	209663000	20.0
Phenanthrene, 2-m...	17.76	4.7	ng/ul	49043200	4	16.87	209663000	20.0
Anthracene, 9-met...	17.89	3.2	ng/ul	33386800	4	16.87	209663000	20.0
Benzaldehyde, 3,5...	17.96	7.6	ng/ul	80065300	4	16.87	209663000	20.0
Phenanthrene, 1-m...	18.00	3.0	ng/ul	31997800	4	16.87	209663000	20.0
5,16[1',2']:8,13[...	18.26	2.5	ng/ul	26621900	4	16.87	209663000	20.0
Phenanthrene, 2,5...	18.69	3.4	ng/ul	35150000	4	16.87	209663000	20.0
Pyrene, 4,5,9,10-...	18.76	2.9	ng/ul	30727900	4	16.87	209663000	20.0
Cyclopenta(def)ph...	18.85	2.7	ng/ul	28691300	4	16.87	209663000	20.0
Benzo(b)naphtho(1...	19.39	3.5	ng/ul	24446000	5	21.11	139051000	20.0
Benzo[b]naphtho[2...	19.50	3.3	ng/ul	22772100	5	21.11	139051000	20.0
Pyrene, 1-methyl-	19.66	7.6	ng/ul	52594800	5	21.11	139051000	20.0
11H-Benzo[b]fluorene	19.83	6.1	ng/ul	42720500	5	21.11	139051000	20.0
7H-Benz[de]anthra...	20.58	3.9	ng/ul	26909800	5	21.11	139051000	20.0
unknown-01	20.77	4.1	ng/ul	28743200	5	21.11	139051000	20.0
Cyclopenta[cd]pyrene	20.82	3.1	ng/ul	21464700	5	21.11	139051000	20.0
Benzo(b)carbazole	21.40	2.5	ng/ul	17297300	5	21.11	139051000	20.0
Triphenylene, 2-m...	21.69	3.2	ng/ul	22077200	5	21.11	139051000	20.0
Chrysene, 6-methyl-	21.83	2.5	ng/ul	17073100	5	21.11	139051000	20.0