LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

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-BM101419MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.176	28	32	39	rVB	89498	126378	1.14%	0.085%
2	3.681	113	118	124	rBV	188993	249693	2.26%	0.167%
3	3.817	137	141	145	rVB3	43597	67787	0.61%	0.045%
4	4.893	319	324	332	rBV	37354	66823	0.60%	0.045%
5	5.334	393	399	407	rVB	50475	104167	0.94%	0.070%
6	5.681	450	458	470	rBV5	45617	146612	1.33%	0.098%
7	6.664	620	625	632	rBV5	29251	61013	0.55%	0.041%
8	6.834	646	654	663	rVV2	1213442	2239356	20.26%	1.501%
9	6.905	663	666	674	rVB	52981	86653	0.78%	0.058%
10	6.999	676	682	691	rVV	1042843	1640846	14.84%	1.100%
11	7.199	708	716	731	rVB	1336767	2189503	19.81%	1.468%
12	7.322	731	737	748	rBV4	92979	205868	1.86%	0.138%
13	7.663	788	795	805	rBV	1654359	2664236	24.10%	1.786%
14	8.369	908	915	923	rBV	1416860	2314896	20.94%	1.552%
15	8.475	928	933	940	rVB5	32220	70884	0.64%	0.048%
16	8.634	952	960	963	rBV2	153507	324132	2.93%	0.217%
17	8.810	976	990	1003	rBV	1214231	2092029	18.93%	1.402%
18	9.293	1068	1072	1078	rBV	54026	80107	0.72%	0.054%
19	9.528	1105	1112	1120	rVV	983266	1623448	14.69%	1.088%
20	9.881	1165	1172	1178	rBV	24917	69340	0.63%	0.046%
21	10.069	1197	1204	1215	rVB	1446873	2560457	23.16%	1.716%
22	10.257	1232	1236	1242	rBV2	51569	82117	0.74%	0.055%
23	10.328	1242	1248	1255	rBV2	101396	182288	1.65%	0.122%
24	10.446	1259	1268	1273	rBV	2142042	3618015	32.73%	2.425%
25	10.493	1273	1276	1284	rVB	179652	285457	2.58%	0.191%
26	10.575	1284	1290	1299	rBV	670648	1234023	11.16%	0.827%
27	10.710	1305	1313	1324	rBV	72535	133771	1.21%	0.090%
28	11.499	1438	1447	1451	rBV8	40559	120371	1.09%	0.081%
29	11.598	1460	1464	1469	rBV4	33900	58172	0.53%	0.039%
30	11.910	1509	1517	1522	rBV6	39053	101922	0.92%	0.068%
31	11.963	1522	1526	1534	rVV6	61538	170346	1.54%	0.114%
32	12.046	1535	1540	1545	rVB2	37524	63057	0.57%	0.042%
33	12.116	1546	1552	1562	rVB	126403	232802	2.11%	0.156%
34	12.334	1583	1589	1595	rVB	108622	169849	1.54%	0.114%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

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-BM101419MA.M
Title : SVOA CALIBRATION

35	12.757	1651	1661	1669	rBV2	60265	154269	1.40%	0.103%
36	13.140	1722	1726	1736	rVB2	57088	145342	1.31%	0.097%
37	13.475	1778	1783	1784	rBV3	52174	76777	0.69%	0.051%
38	13.551	1791	1796	1800	rBV	60040	106990	0.97%	0.072%
39	13.634	1804	1810	1815	rVV2	128523	225265	2.04%	0.151%
40	13.687	1815	1819	1820	rVV	63659	79849	0.72%	0.054%
41	13.728	1820	1826	1830	rVV	2402771	3559718	32.20%	2.386%
42	13.769	1830	1833	1839	rVV	855443	1229501	11.12%	0.824%
43	13.869	1846	1850	1855	rVB	62793	88994	0.81%	0.060%
44	13.998	1865	1872	1887	rVV2	2981299	5355050	48.45%	3.590%
45	14.134	1889	1895	1908	rVB2	99081	322315	2.92%	0.216%
46	14.245	1910	1914	1917	rVV	45903	60840	0.55%	0.041%
47	14.310	1918	1925	1931	rVV	2990169	4430536	40.08%	2.970%
48	14.375	1931	1936	1944	rVB	195528	327761	2.97%	0.220%
49	14.504	1952	1958	1970	rBV	450668	754048	6.82%	0.505%
50	14.645	1979	1982	1986	rVB3	75630	95934	0.87%	0.064%
51	14.728	1989	1996	2003	rVV6	184126	485481	4.39%	0.325%
52	14.792	2004	2007	2012	rVB2	82594	108118	0.98%	0.072%
53	14.916	2023	2028	2038	rBV3	103160	282793	2.56%	0.190%
54	15.022	2043	2046	2050	rVB	54822	66460	0.60%	0.045%
55	15.081	2053	2056	2058	rBV3	46615	54430	0.49%	0.036%
56	15.186	2069	2074	2081	rVB2	131577	256365	2.32%	0.172%
57	15.304	2088	2094	2100	rBV	3715444	5116383	46.29%	3.430%
58	15.363	2100	2104	2109	rVV2	163572	285345	2.58%	0.191%
59	15.422	2109	2114	2121	rVV	498247	727652	6.58%	0.488%
60	15.486	2122	2125	2128	rVB2	58218	65617	0.59%	0.044%
61	15.657	2150	2154	2157	rBV3	54188	82399	0.75%	0.055%
62	15.810	2176	2180	2187	rVB4	104286	198200	1.79%	0.133%
63	16.039	2214	2219	2224	rBV6	82170	194881	1.76%	0.131%
64	16.092	2225	2228	2234	rVB2	107397	150499	1.36%	0.101%
65	16.410	2280	2282	2290	rVB5	77776	127057	1.15%	0.085%
66	16.475	2290	2293	2296	rBV5	51928	70257	0.64%	0.047%
67	16.633	2317	2320	2324	rVB2	218591	279387	2.53%	0.187%
68	16.710	2329	2333	2341	rVB2	128284	253772	2.30%	0.170%
69	17.057	2386	2392	2395	rBV2	3076699	4577251	41.41%	3.068%
70	17.098	2395	2399	2403	rVV	1898969	2608751	23.60%	1.749%
71	17.151	2403	2408	2412	rVV	3576531	5141441	46.51%	3.446%

LSC Area Percent Report

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Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

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-BM101419MA.M
Title : SVOA CALIBRATION

72	17.186	2412	2414	2419	rVB	635808	705874	6.39%	0.473%
73	17.639	2488	2491	2500	rVB3	134092	273498	2.47%	0.183%
74	17.933	2536	2541	2544	rBV	498422	730415	6.61%	0.490%
75	17.980	2544	2549	2556	rVB	1096492	1512088	13.68%	1.014%
76	18.057	2558	2562	2567	rVB2	283770	462357	4.18%	0.310%
77	18.122	2568	2573	2577	rBV2	841591	1574867	14.25%	1.056%
78	18.686	2667	2669	2675	rVB6	231499	341614	3.09%	0.229%
79	18.857	2693	2698	2702	rBV3	626871	1006189	9.10%	0.674%
80	19.116	2737	2742	2748	rVB	4174806	5609451	50.75%	3.760%
81	19.186	2750	2754	2758	rBV2	661808	903284	8.17%	0.605%
82	19.269	2764	2768	2772	rBV	773383	1092964	9.89%	0.733%
83	19.451	2794	2799	2801	rBV2	4467962	5947986	53.81%	3.987%
84	19.480	2801	2804	2814	rVB	4122919	5613878	50.79%	3.763%
85	19.816	2857	2861	2866	rBV2	435539	845275	7.65%	0.567%
86	20.080	2903	2906	2910	rVB	502235	569256	5.15%	0.382%
87	20.274	2937	2939	2943	rVB	547029	581528	5.26%	0.390%
88	20.933	3048	3051	3055	rBV2	834853	1193422	10.80%	0.800%
89	20.992	3057	3061	3065	rVV3	3969317	5694797	51.52%	3.817%
90	21.039	3066	3069	3078	rVB	2929283	3732840	33.77%	2.502%
91	21.192	3092	3095	3098	rBV	2806610	3148678	28.49%	2.111%
92	21.245	3098	3104	3108	rVV2	5538613	11053385	100.00%	7.409%
93	21.280	3108	3110	3118	rVB	2924307	3955354	35.78%	2.651%
94	21.880	3209	3212	3222	rVB4	2606000	4535105	41.03%	3.040%
95	22.804	3364	3369	3373	rBV	2358945	4985467	45.10%	3.342%
96	23.268	3444	3448	3452	rBV	1571724	2661459	24.08%	1.784%
97	23.321	3452	3457	3461	rVV	2987917	5568175	50.38%	3.732%
98	23.362	3461	3464	3470	rVB	2452088	3752205	33.95%	2.515%
99	23.462	3476	3481	3486	rVB	2558738	4402473	39.83%	2.951%
100	25.680	3853	3858	3866	rVB2	1340704	3146375	28.47%	2.109%

Sum of corrected areas: 149182405

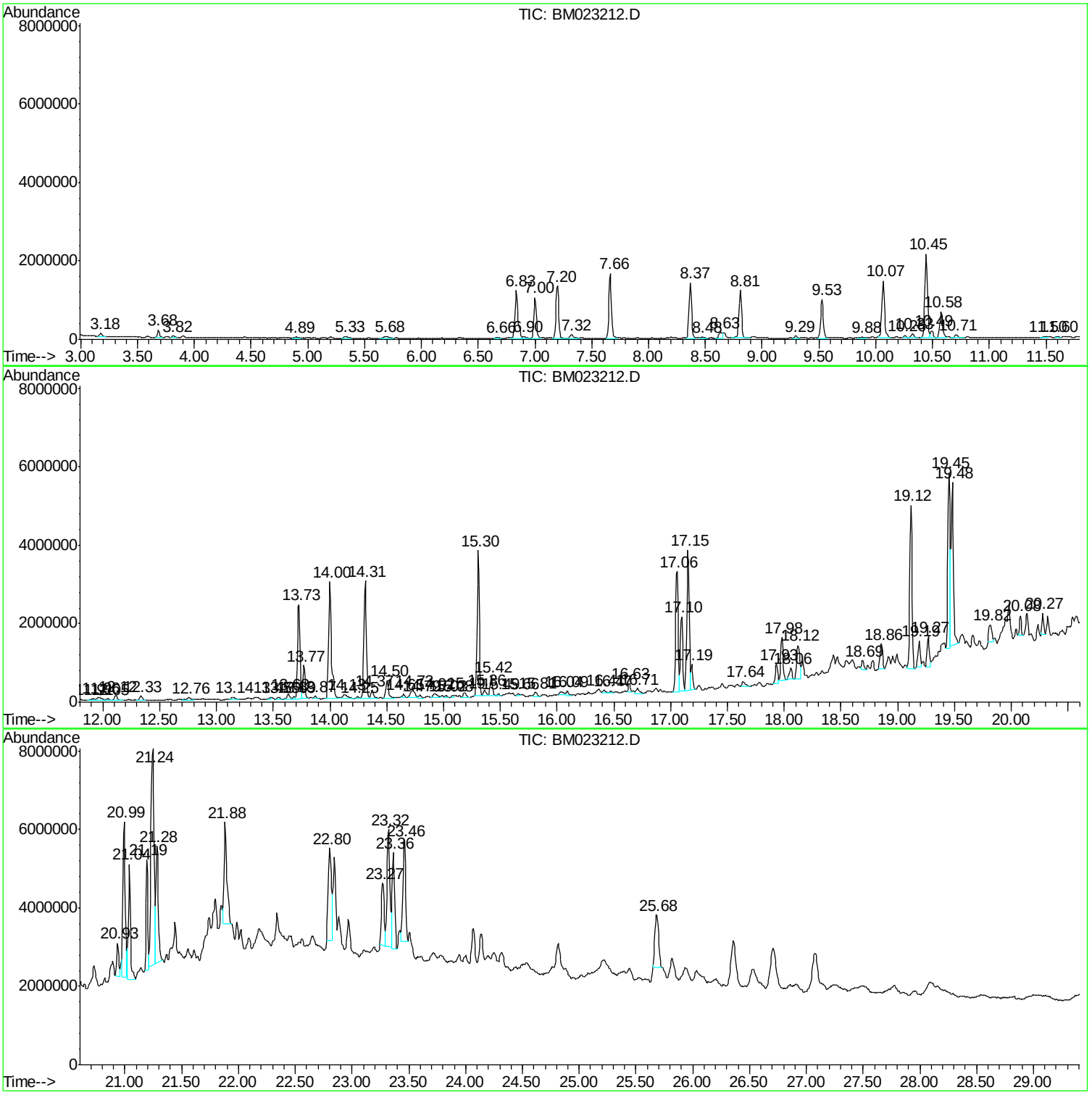
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BM023212.D
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Quant Title : SVOA CALIBRATION

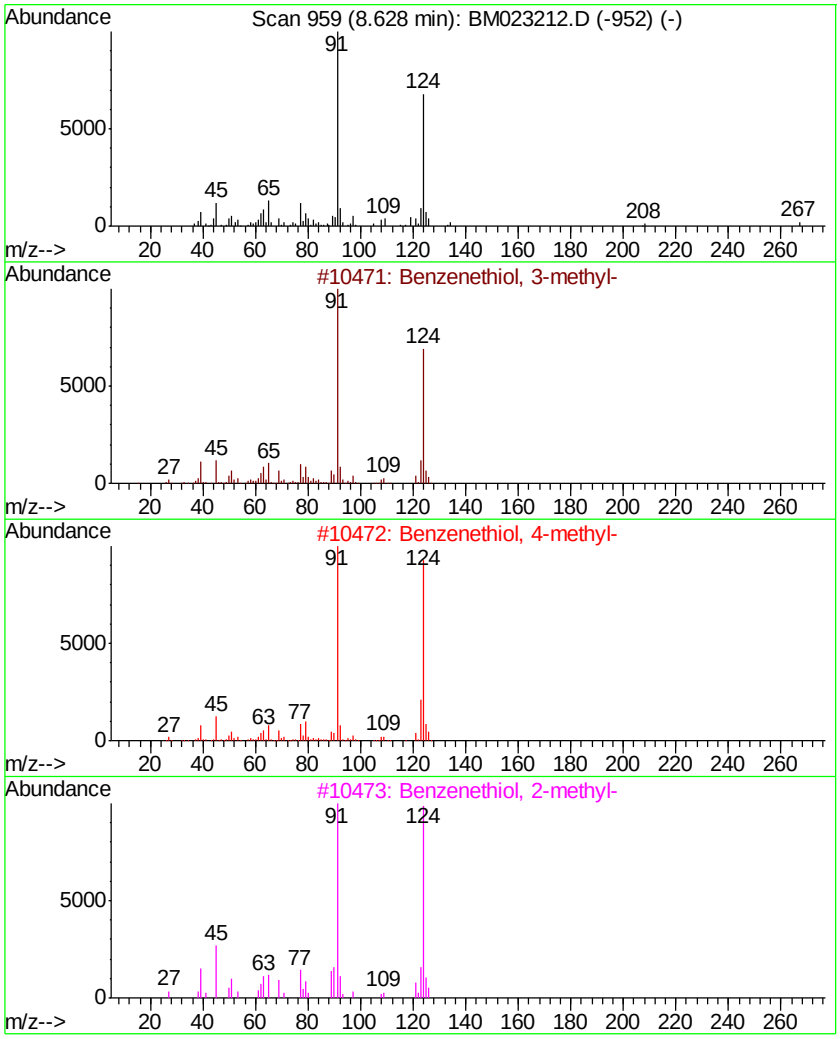
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

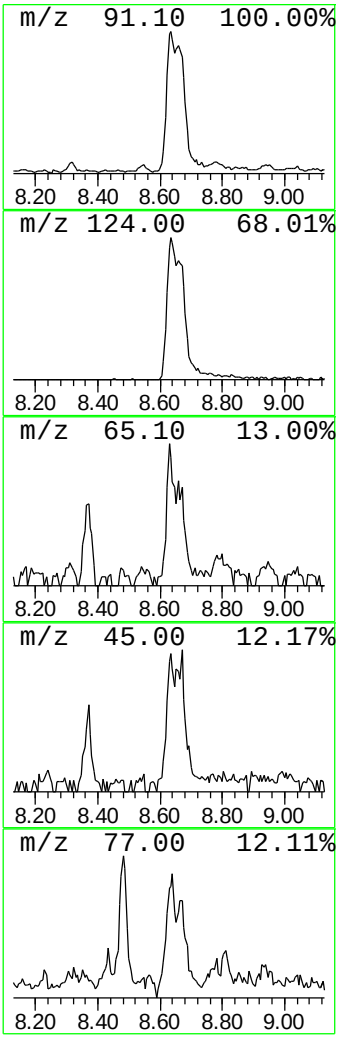
****

Peak Number 1 Benzenethiol, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	2.43 ng/ul	324132	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenethiol, 3-methyl-	124	C7H8S	000108-40-7	95
2	Benzenethiol, 4-methyl-	124	C7H8S	000106-45-6	93
3	Benzenethiol, 2-methyl-	124	C7H8S	000137-06-4	90
4	Benzenethiol, 3-methyl-	124	C7H8S	000108-40-7	90
5	Benzenethiol, 2-methyl-	124	C7H8S	000137-06-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

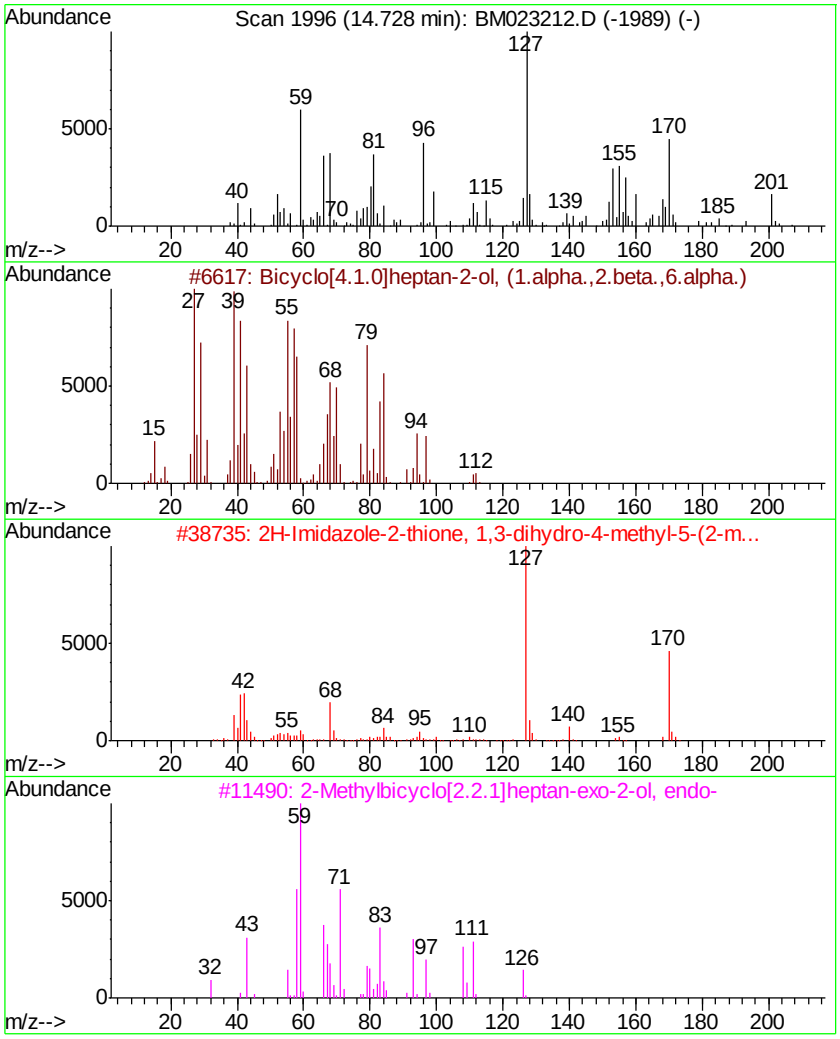
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

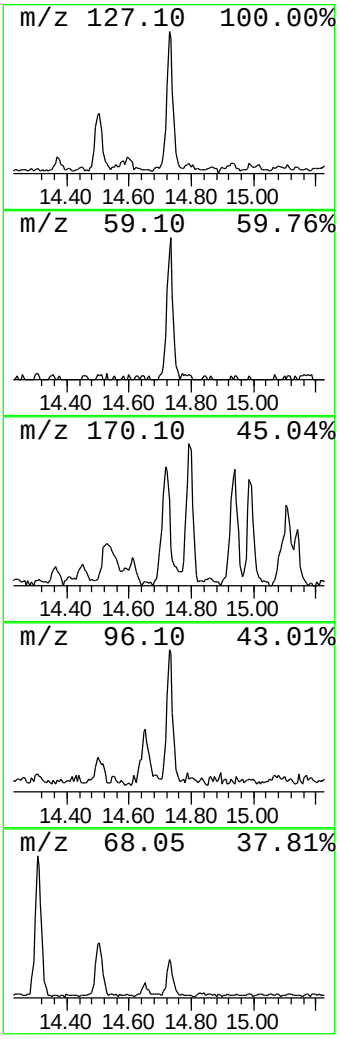
****

Peak Number 2 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.19 ng/ul	485481	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-2-ol, (1.al...	112	C7H12O	007432-49-7	15
2	2H-Imidazole-2-thione, 1,3-dihyd...	170	C8H14N2S	1000351-66-3	14
3	2-Methylbicyclo[2.2.1]heptan-exo...	126	C8H14O	1000138-89-5	14
4	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	10
5	2,5-Difluorobenzyl alcohol, isop...	186	C10H12F2O	1000378-16-2	10





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Quant Title : SVOA CALIBRATION

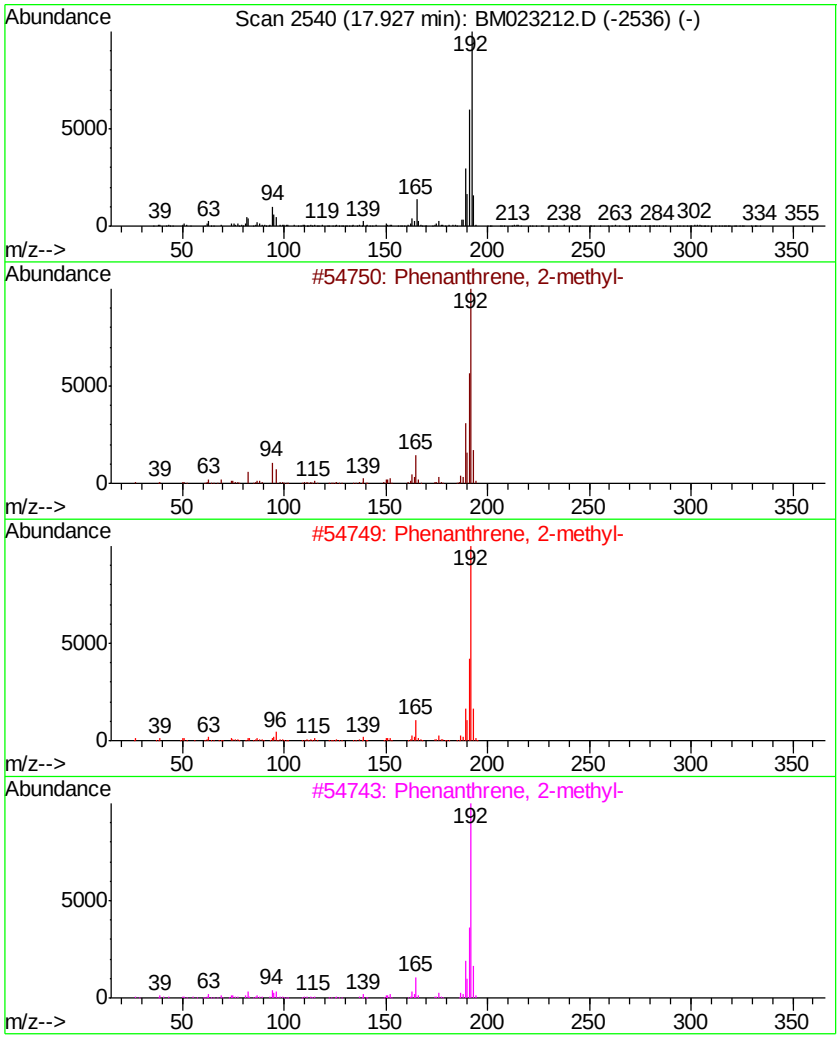
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

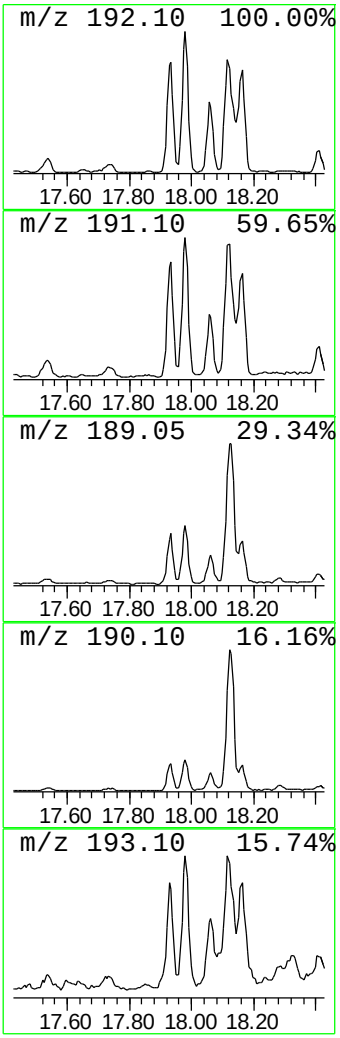
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.19 ng/ul	730415	Phenanthrene-d10	17.06

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, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
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Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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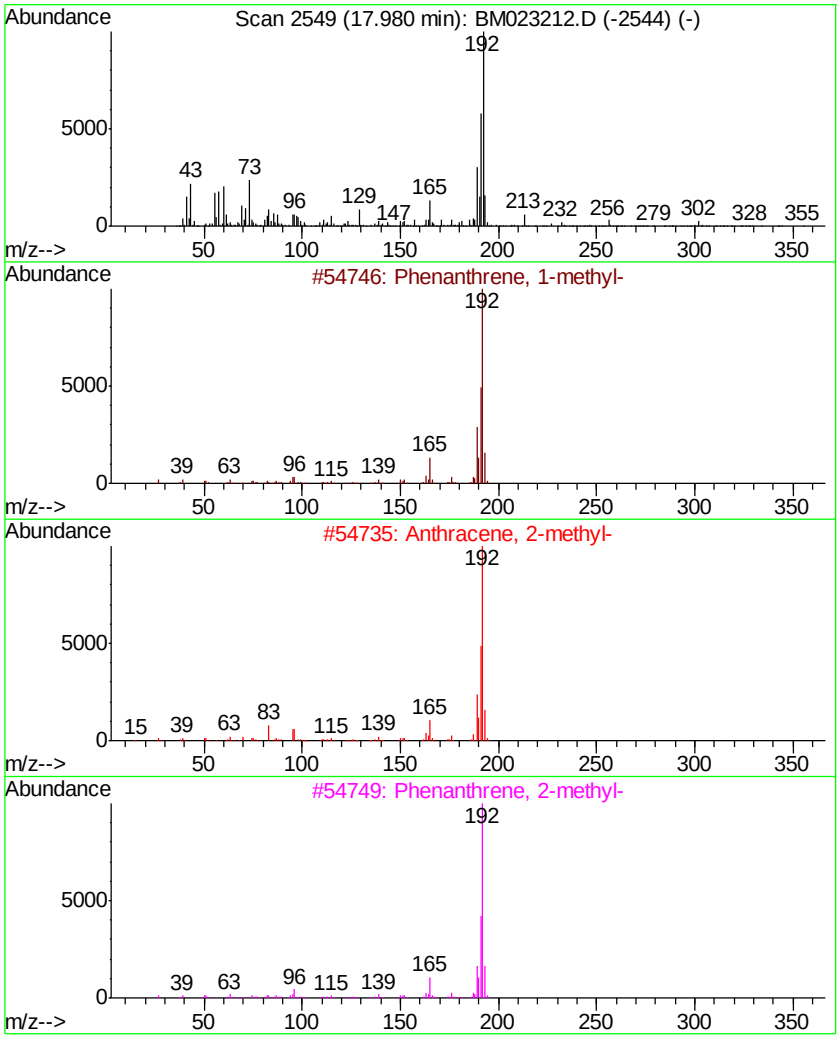
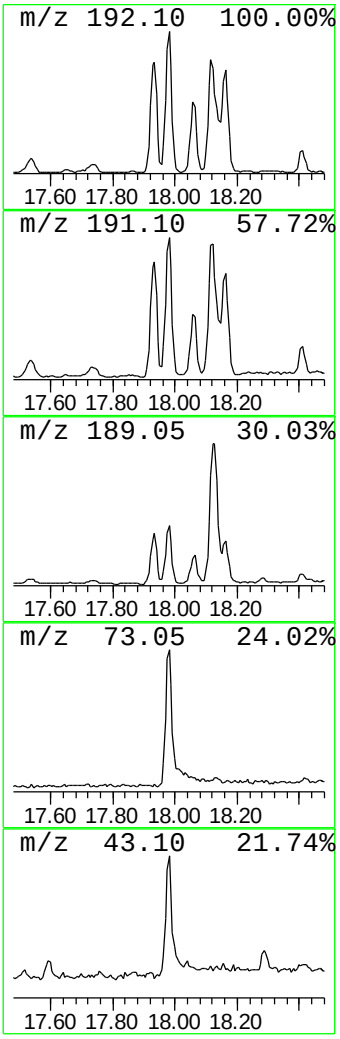
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	6.61 ng/ul	1512090	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

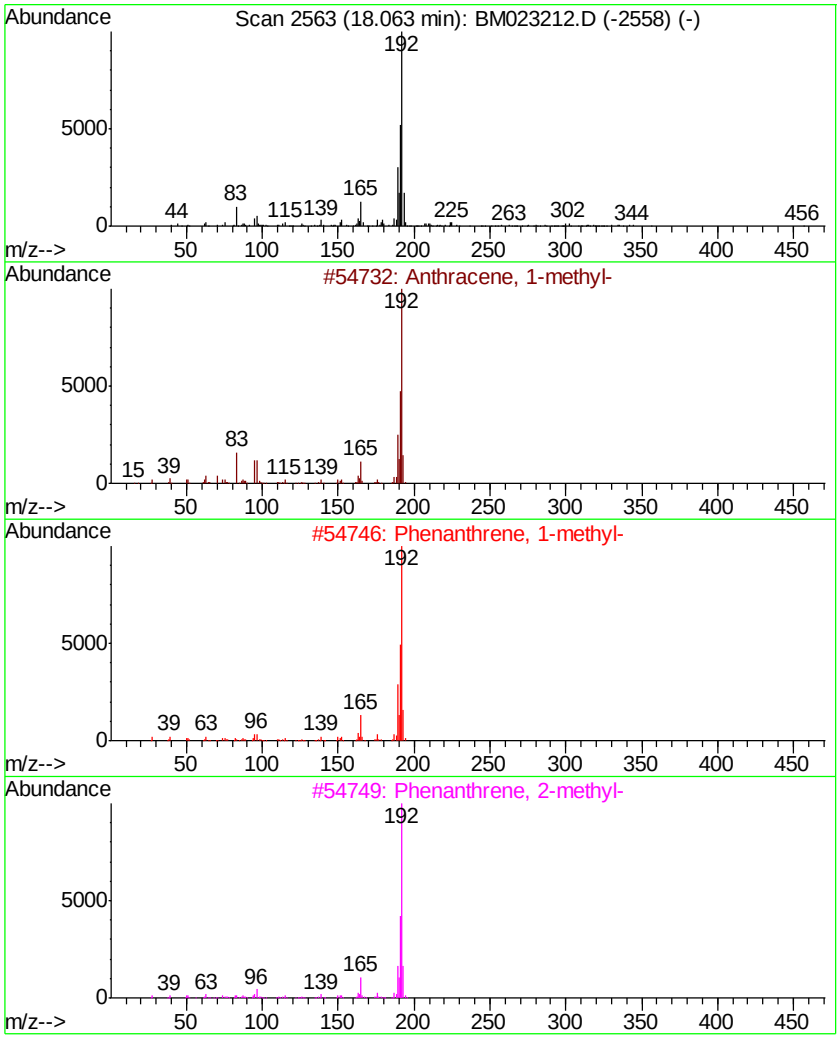
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

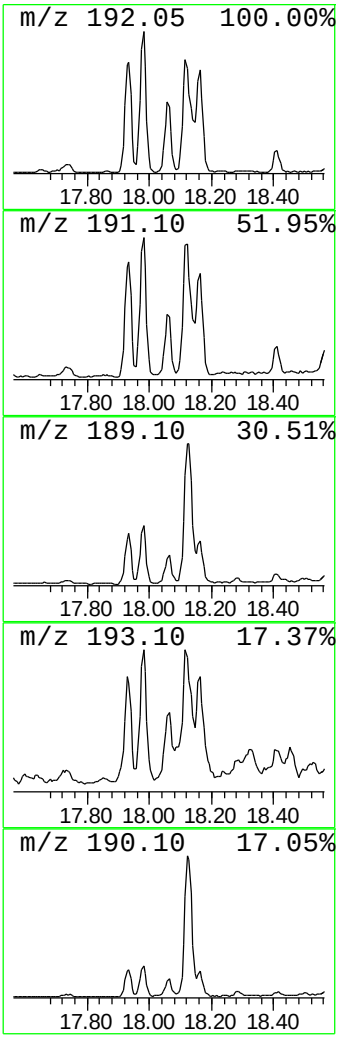
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.02 ng/ul	462357	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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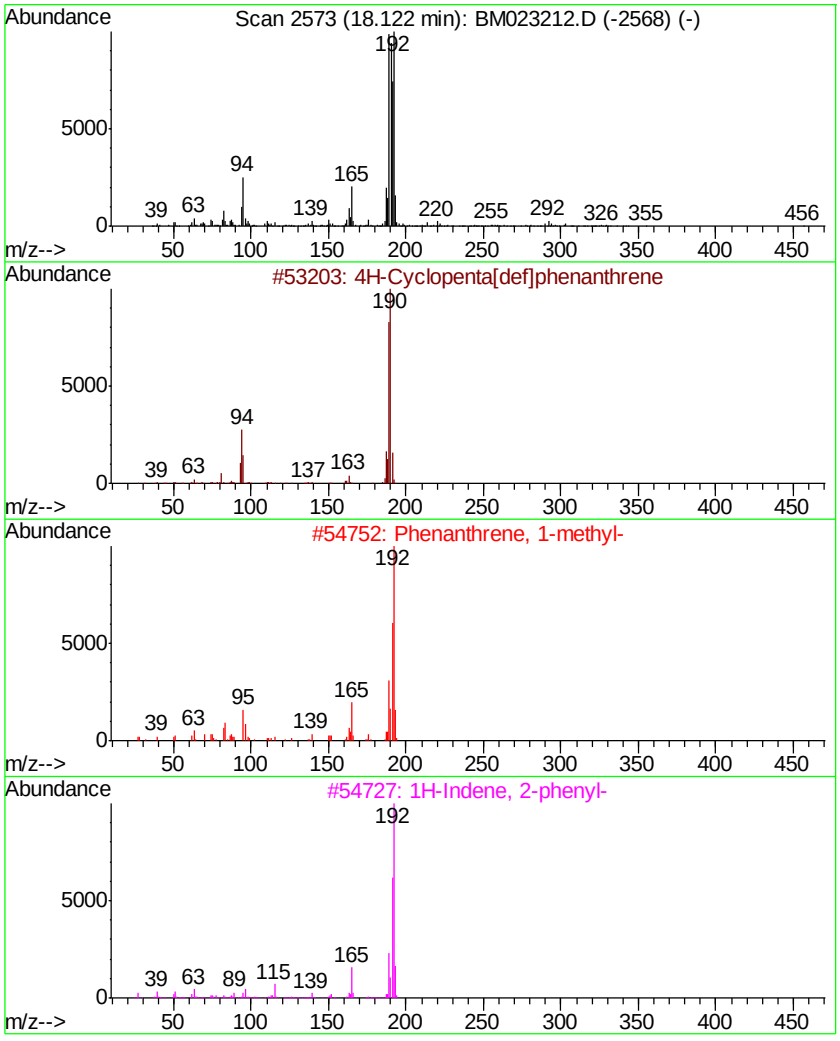
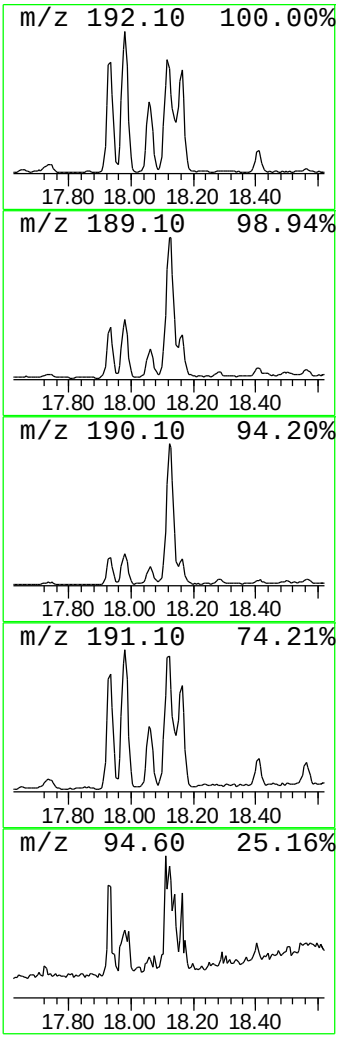
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	6.88 ng/ul	1574870	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46





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Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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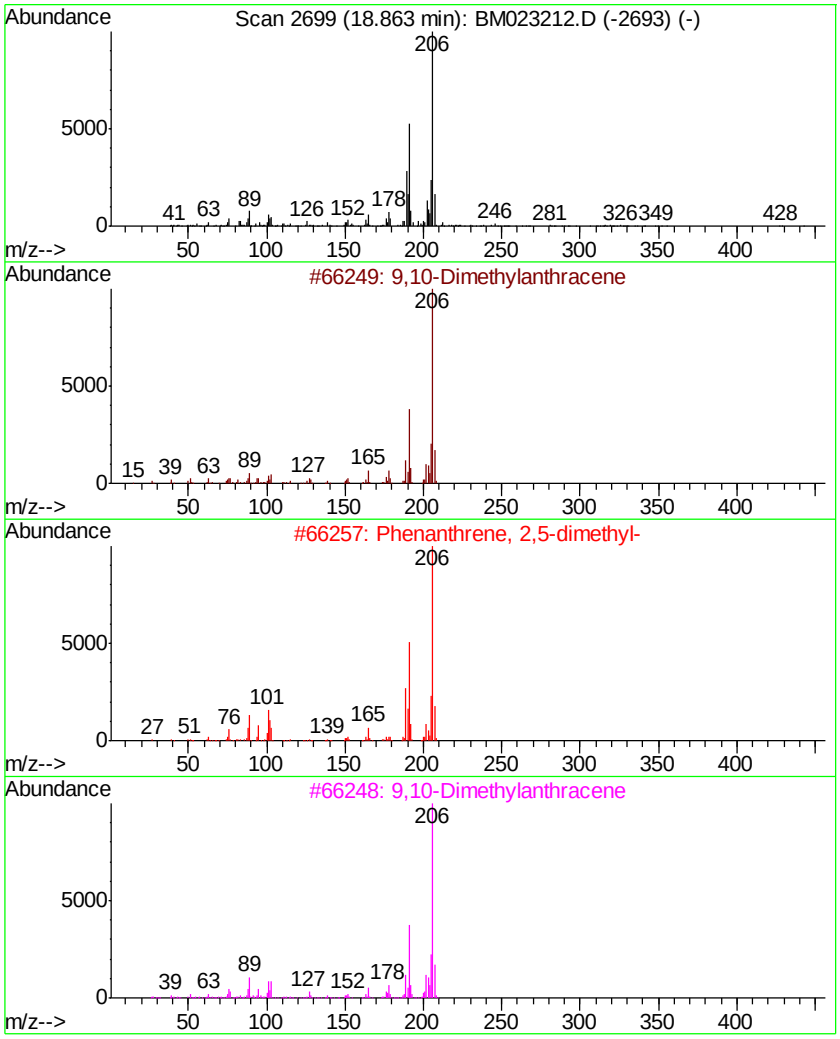
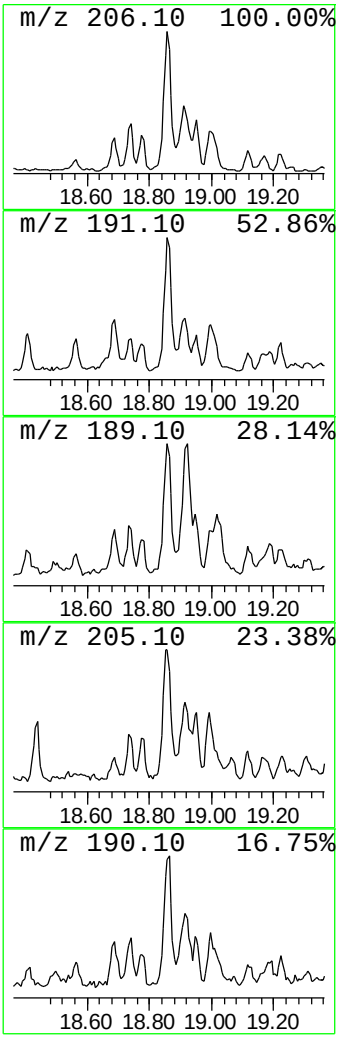
Peak Number 7 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	4.40 ng/ul	1006190	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Acq On : 17 Oct 2019 09:14
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Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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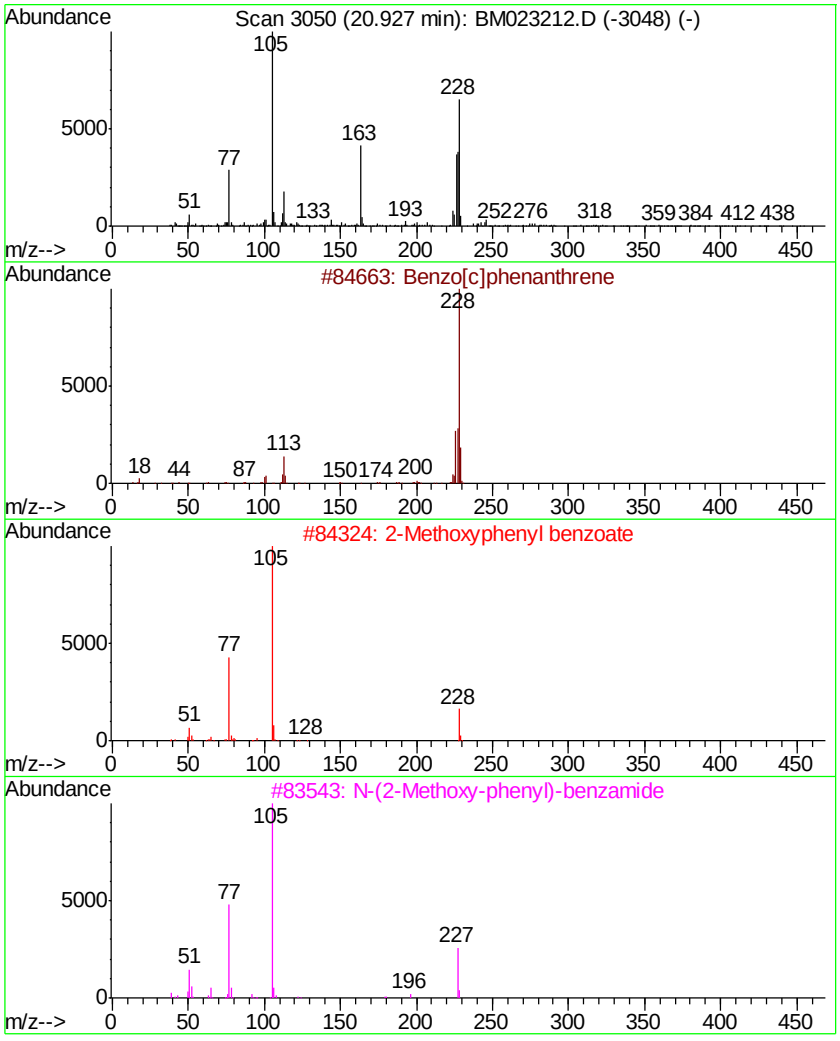
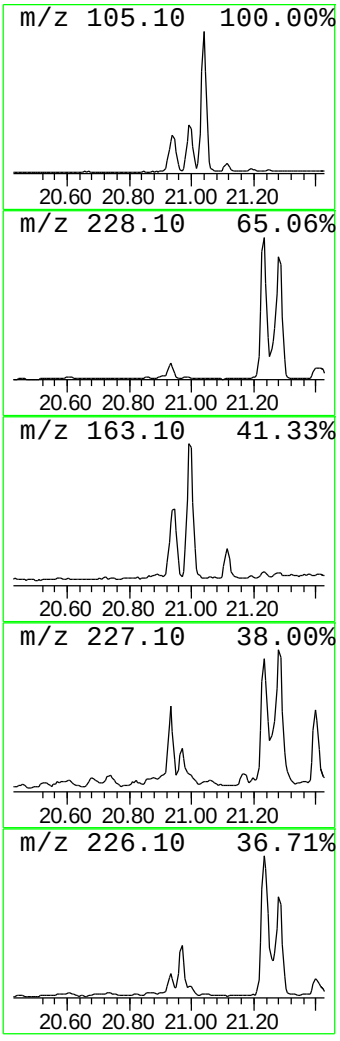
Peak Number 8 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.16 ng/ul	1193420	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	25
2	2-Methoxyphenyl benzoate	228	C14H12O3	000531-37-3	25
3	N-(2-Methoxy-phenyl)-benzamide	227	C14H13NO2	1000317-49-6	22
4	Benzenemethanol, 4-methyl-, benz...	226	C15H14O2	038418-10-9	22
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	20





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Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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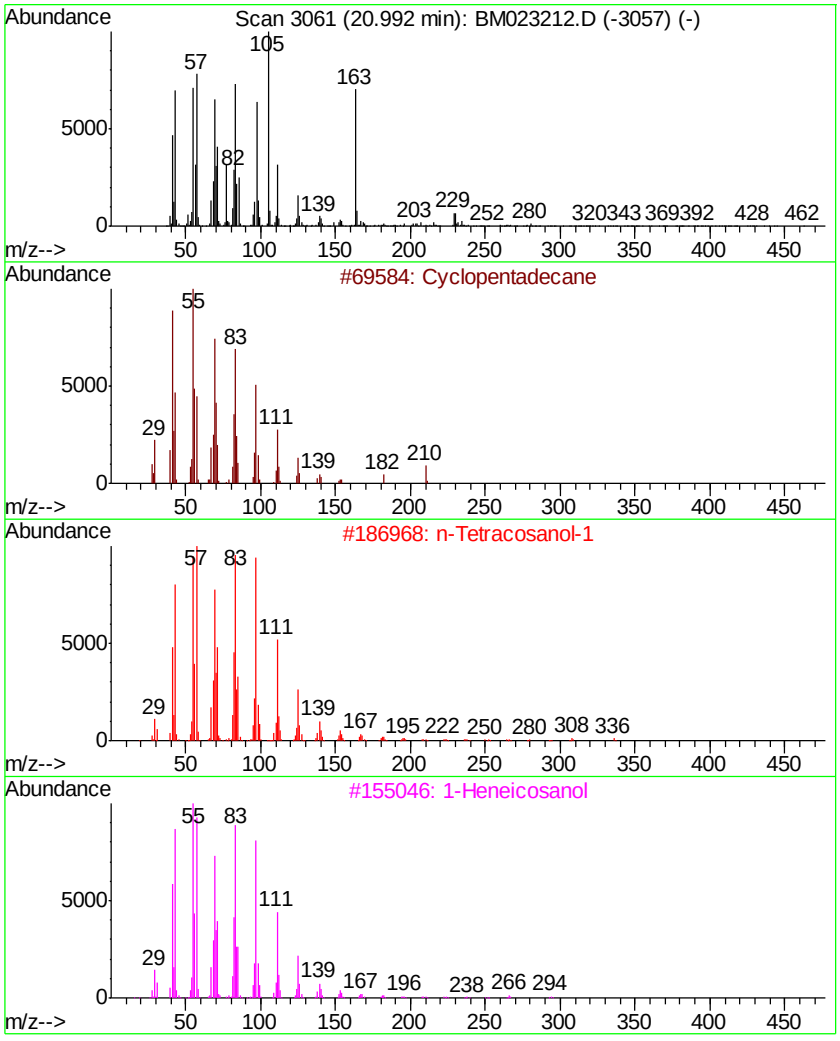
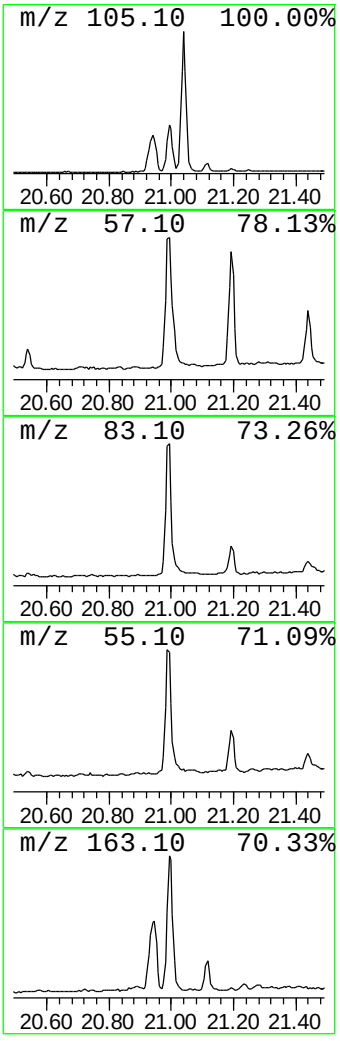
Peak Number 9 (DEL) Alkane: Cyclic20.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	10.30 ng/ul	5694800	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	90
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	89
3	1-Heneicosanol	312	C21H44O	015594-90-8	86
4	Behenic alcohol	326	C22H46O	000661-19-8	86
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76





Library Search Compound Report

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Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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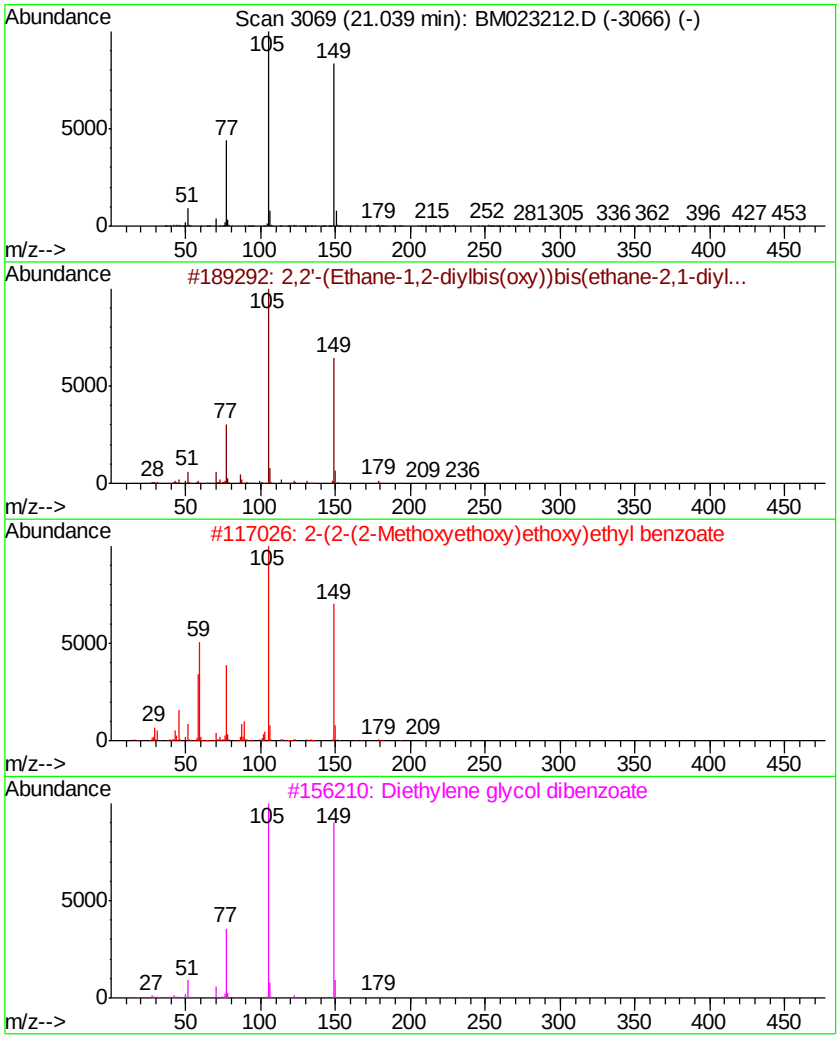
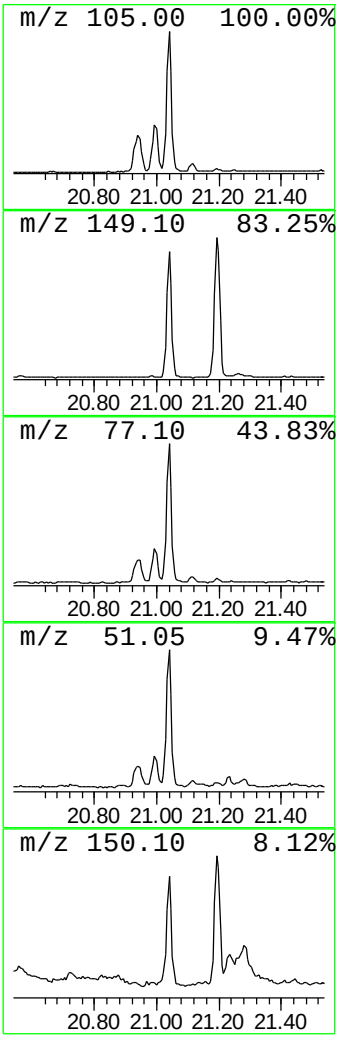
Peak Number 10 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	6.75 ng/ul	3732840	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64
5	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	56





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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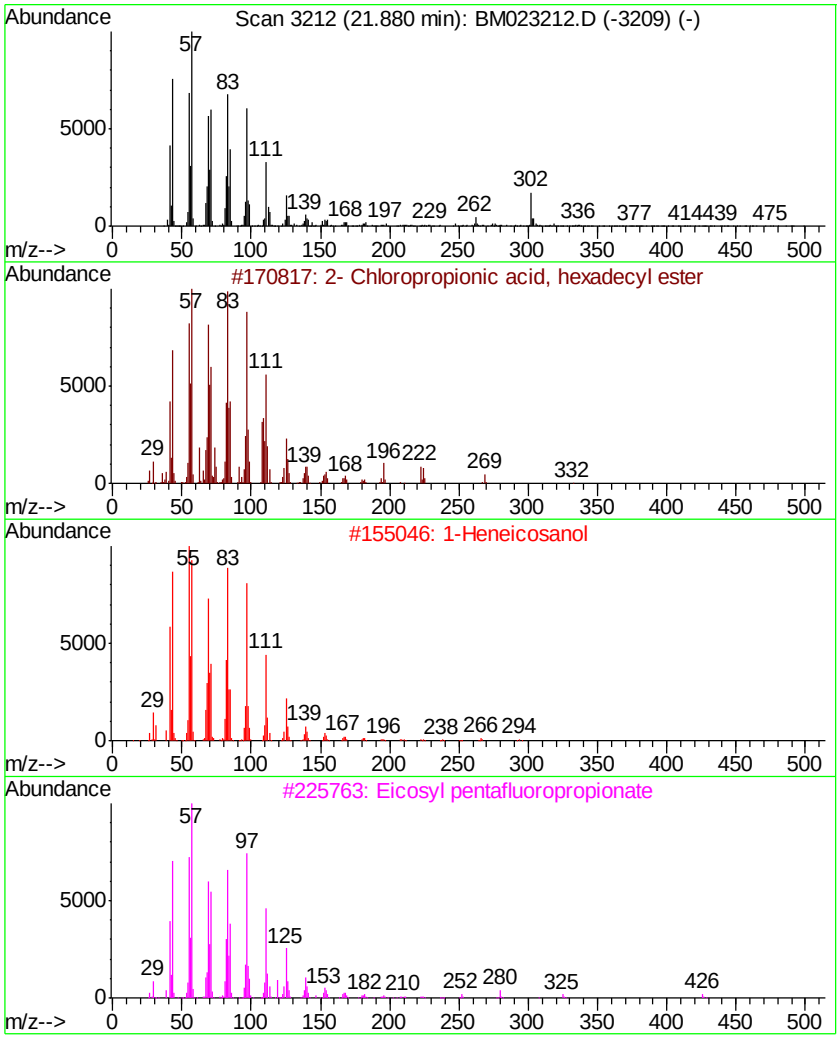
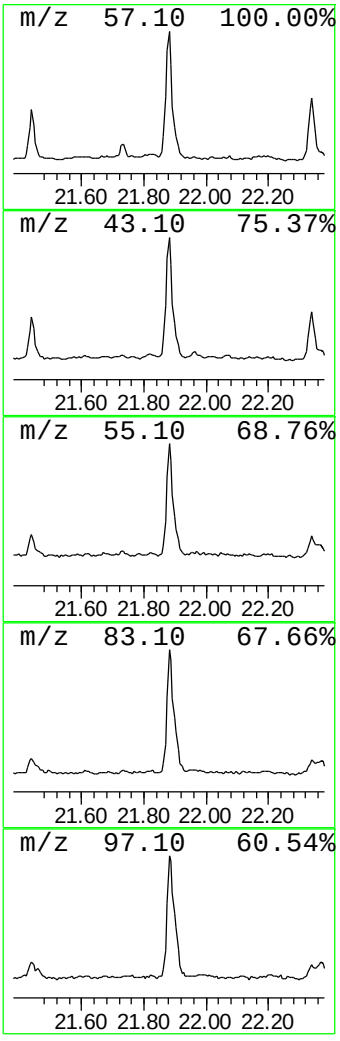
Peak Number 11 2- Chloropropionic acid, he... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	8.21 ng/ul	4535110	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB77

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Quant Title : SVOA CALIBRATION

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

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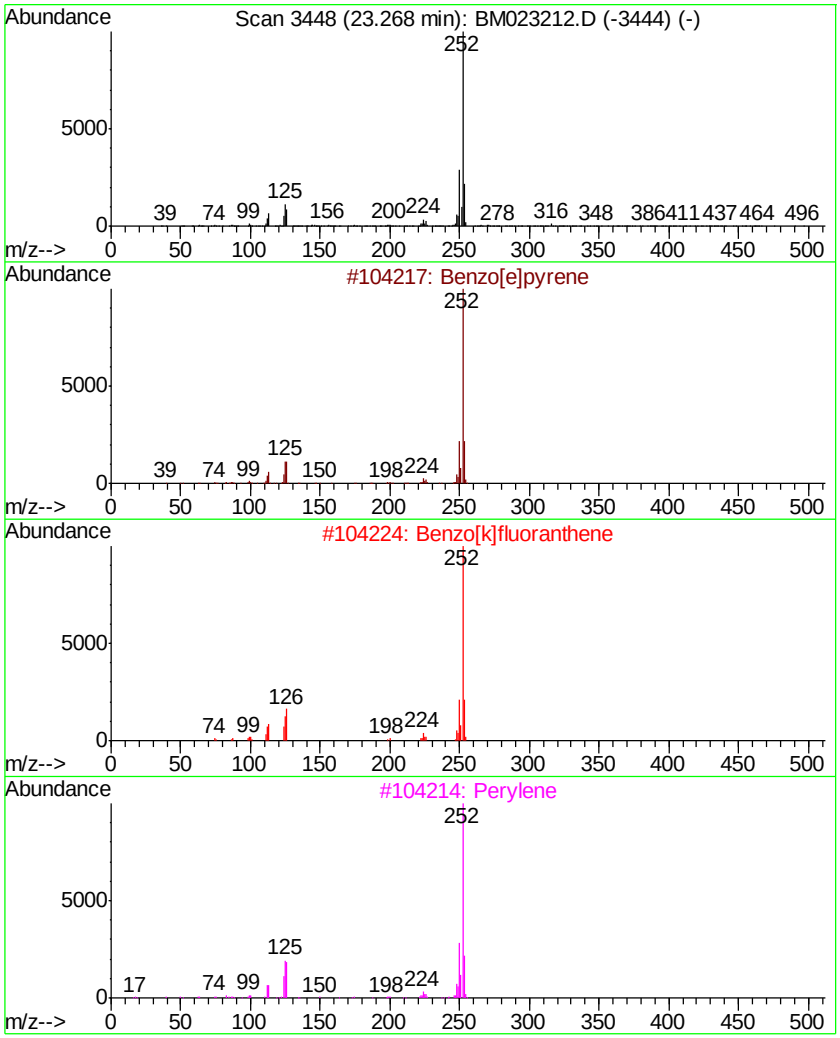
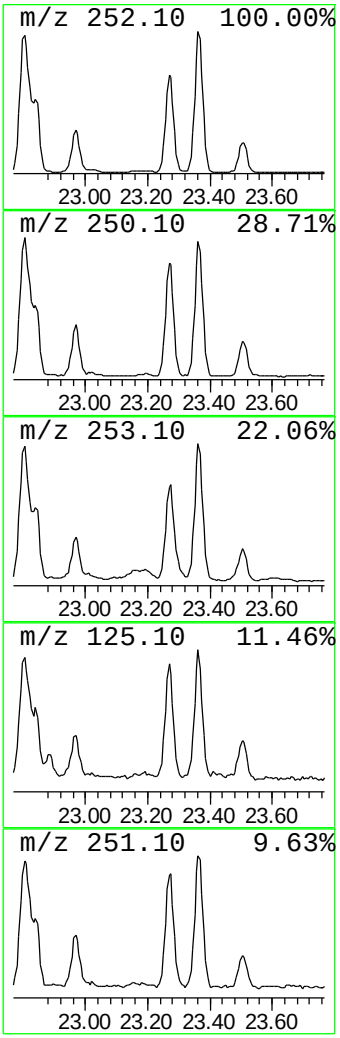
Peak Number 12 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	12.09 ng/ul	2661460	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	94
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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Acq On : 17 Oct 2019 09:14
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ALS Vial : 19 Sample Multiplier: 1

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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
Benzenethiol, 3-m...	8.63	2.4	ng/ul	324132	1	7.66	2664240	20.0
unknown-01	14.73	2.2	ng/ul	485481	3	14.31	4430540	20.0
Phenanthrene, 2-m...	17.93	3.2	ng/ul	730415	4	17.06	4577250	20.0
Phenanthrene, 1-m...	17.98	6.6	ng/ul	1512090	4	17.06	4577250	20.0
Anthracene, 1-met...	18.06	2.0	ng/ul	462357	4	17.06	4577250	20.0
4H-Cyclopenta[def...	18.12	6.9	ng/ul	1574870	4	17.06	4577250	20.0
9,10-Dimethylanth...	18.86	4.4	ng/ul	1006190	4	17.06	4577250	20.0
unknown-02	20.93	2.2	ng/ul	1193420	5	21.24	11053400	20.0
(DEL) Alkane: Cyc...	20.99	10.3	ng/ul	5694800	5	21.24	11053400	20.0
2,2'-(Ethane-1,2-...	21.04	6.8	ng/ul	3732840	5	21.24	11053400	20.0
2- Chloropropioni...	21.88	8.2	ng/ul	4535110	5	21.24	11053400	20.0
Benzo[e]pyrene	23.27	12.1	ng/ul	2661460	6	23.46	4402470	20.0