LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

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-BM121520MA.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	3.987	131	136	145	rVB	36797	48765	1.59%	0.124%
2	4.463	211	217	226	rBV	63959	90900	2.97%	0.231%
3	4.904	286	292	300	rVV	46049	64910	2.12%	0.165%
4	7.340	698	706	716	rBV	219180	378289	12.36%	0.961%
5	7.516	729	736	744	rBV	175616	282242	9.22%	0.717%
6	7.722	764	771	778	rVB	241545	371265	12.13%	0.944%
7	8.204	846	853	859	rBV	495238	811552	26.52%	2.063%
8	8.904	964	972	979	rBV	246021	384429	12.56%	0.977%
9	9.375	1046	1052	1060	rBV	202619	327597	10.70%	0.833%
10	10.104	1169	1176	1182	rVB	152914	251864	8.23%	0.640%
11	10.639	1259	1267	1279	rBV	232910	387746	12.67%	0.985%
12	11.028	1326	1333	1339	rBV	663026	1113716	36.39%	2.831%
13	11.081	1339	1342	1348	rVV	47265	70189	2.29%	0.178%
14	11.157	1348	1355	1368	rVB	191049	325873	10.65%	0.828%
15	12.675	1607	1613	1620	rVB	44145	65258	2.13%	0.166%
16	12.892	1645	1650	1658	rVB	37459	59230	1.94%	0.151%
17	14.151	1857	1864	1869	rBV2	35533	62435	2.04%	0.159%
18	14.227	1869	1877	1881	rVV	374137	550356	17.98%	1.399%
19	14.269	1881	1884	1891	rVB	28518	39967	1.31%	0.102%
20	14.527	1921	1928	1937	rBV	460368	687216	22.46%	1.747%
21	14.827	1969	1979	1985	rBV	885180	1322625	43.22%	3.362%
22	14.892	1985	1990	1996	rVB	155295	221249	7.23%	0.562%
23	14.998	2003	2008	2016	rVV2	62984	111930	3.66%	0.284%
24	15.221	2039	2046	2053	rVV	124985	186183	6.08%	0.473%
25	15.810	2136	2146	2151	rVV	572314	816138	26.67%	2.074%
26	15.863	2151	2155	2160	rVV	158782	231670	7.57%	0.589%
27	15.916	2160	2164	2169	rVV	78265	117075	3.83%	0.298%
28	15.986	2173	2176	2179	rVV	26129	36471	1.19%	0.093%
29	16.027	2179	2183	2188	rVV2	34158	57950	1.89%	0.147%
30	16.151	2200	2204	2210	rVV	58892	86333	2.82%	0.219%
31	16.298	2224	2229	2237	rVV	63249	125315	4.09%	0.319%
32	16.527	2260	2268	2274	rVB6	19497	39059	1.28%	0.099%
33	16.827	2312	2319	2321	rBV5	21562	38887	1.27%	0.099%
34	16.857	2321	2324	2328	rVB2	34624	48269	1.58%	0.123%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

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-BM121520MA.M
Title : SVOA CALIBRATION

35	16.904	2328	2332	2337	rVB2	22714	33081	1.08%	0.084%
36	17.080	2354	2362	2365	rBV3	36229	67971	2.22%	0.173%
37	17.204	2378	2383	2389	rVB	98349	138504	4.53%	0.352%
38	17.274	2389	2395	2404	rBV2	40198	105089	3.43%	0.267%
39	17.368	2407	2411	2419	rVB	105626	152173	4.97%	0.387%
40	17.551	2436	2442	2445	rBV	970956	1414039	46.21%	3.594%
41	17.592	2445	2449	2454	rVV	1978537	2668947	87.21%	6.783%
42	17.645	2454	2458	2461	rVV	597013	844780	27.60%	2.147%
43	17.680	2461	2464	2469	rVV	416534	559085	18.27%	1.421%
44	17.733	2469	2473	2478	rVB3	18264	37112	1.21%	0.094%
45	17.945	2499	2509	2518	rBV	195408	343440	11.22%	0.873%
46	18.057	2525	2528	2532	rBV	31181	45328	1.48%	0.115%
47	18.121	2535	2539	2547	rVB2	33076	50589	1.65%	0.129%
48	18.257	2559	2562	2571	rVB2	19279	41599	1.36%	0.106%
49	18.415	2580	2589	2592	rBV	202510	319360	10.44%	0.812%
50	18.462	2592	2597	2602	rVB	293587	429061	14.02%	1.091%
51	18.539	2603	2610	2615	rBV	110114	165794	5.42%	0.421%
52	18.609	2615	2622	2625	rBV3	253968	477040	15.59%	1.212%
53	18.639	2625	2627	2633	rVB	144851	174136	5.69%	0.443%
54	18.704	2634	2638	2642	rVB3	22899	33316	1.09%	0.085%
55	18.751	2642	2646	2650	rBV	31116	42492	1.39%	0.108%
56	18.898	2666	2671	2675	rBV	155007	209861	6.86%	0.533%
57	18.945	2675	2679	2686	rVV	88215	124864	4.08%	0.317%
58	19.145	2709	2713	2716	rBV3	50336	65592	2.14%	0.167%
59	19.192	2718	2721	2724	rVV	40837	43910	1.43%	0.112%
60	19.227	2724	2727	2733	rVB2	44093	58250	1.90%	0.148%
61	19.309	2736	2741	2746	rBV2	93841	162103	5.30%	0.412%
62	19.374	2747	2752	2755	rVV4	54997	116238	3.80%	0.295%
63	19.404	2755	2757	2760	rVV	47611	48286	1.58%	0.123%
64	19.451	2760	2765	2773	rVB2	94074	161220	5.27%	0.410%
65	19.574	2780	2786	2792	rVV	2270186	2944011	96.20%	7.483%
66	19.633	2792	2796	2798	rVV	33804	46743	1.53%	0.119%
67	19.668	2798	2802	2806	rVB	57757	77912	2.55%	0.198%
68	19.756	2813	2817	2821	rBV4	30716	53631	1.75%	0.136%
69	19.815	2821	2827	2835	rVV	81041	166472	5.44%	0.423%
70	19.904	2836	2842	2844	rVV2	1002620	1468469	47.98%	3.732%
71	19.933	2844	2847	2853	rVV	1977402	2516835	82.24%	6.397%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

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-BM121520MA.M
Title : SVOA CALIBRATION

72	19.998	2854	2858	2865	rVB2	108952	164430	5.37%	0.418%
73	20.104	2872	2876	2882	rVB	114526	152575	4.99%	0.388%
74	20.162	2882	2886	2892	rVB2	40212	70050	2.29%	0.178%
75	20.245	2895	2900	2901	rBV2	123481	183139	5.98%	0.465%
76	20.303	2907	2910	2917	rVB2	29565	41433	1.35%	0.105%
77	20.380	2918	2923	2925	rVV3	85601	142297	4.65%	0.362%
78	20.415	2925	2929	2934	rVB2	181753	271470	8.87%	0.690%
79	20.515	2942	2946	2949	rBV2	76913	92577	3.03%	0.235%
80	20.574	2949	2956	2959	rBV2	160214	287522	9.40%	0.731%
81	20.609	2959	2962	2965	rVB2	44098	40990	1.34%	0.104%
82	20.651	2966	2969	2974	rVB5	37220	53897	1.76%	0.137%
83	20.709	2976	2979	2982	rBV3	93386	107112	3.50%	0.272%
84	20.756	2983	2987	2990	rVV	92275	103811	3.39%	0.264%
85	21.150	3050	3054	3060	rBV	203241	273833	8.95%	0.696%
86	21.315	3076	3082	3085	rBV3	137817	250224	8.18%	0.636%
87	21.350	3085	3088	3092	rVV	317105	401567	13.12%	1.021%
88	21.392	3092	3095	3099	rVV2	162079	250882	8.20%	0.638%
89	21.439	3099	3103	3111	rVB2	205837	298956	9.77%	0.760%
90	21.550	3119	3122	3126	rVB	101694	112406	3.67%	0.286%
91	21.656	3134	3140	3145	rBV2	1397503	3060276	100.00%	7.778%
92	21.698	3145	3147	3157	rVB	830546	1041458	34.03%	2.647%
93	21.821	3165	3168	3174	rBV	117741	173461	5.67%	0.441%
94	21.986	3192	3196	3201	rBV	132098	192005	6.27%	0.488%
95	22.233	3235	3238	3242	rVB	131932	162206	5.30%	0.412%
96	23.315	3416	3422	3427	rBV	598153	1407728	46.00%	3.578%
97	23.821	3504	3508	3513	rBV	321413	578378	18.90%	1.470%
98	23.874	3513	3517	3522	rVV	445740	816690	26.69%	2.076%
99	23.927	3522	3526	3534	rVB	543646	976295	31.90%	2.481%
100	24.027	3537	3543	3549	rBV	705402	1417155	46.31%	3.602%

Sum of corrected areas: 39345109

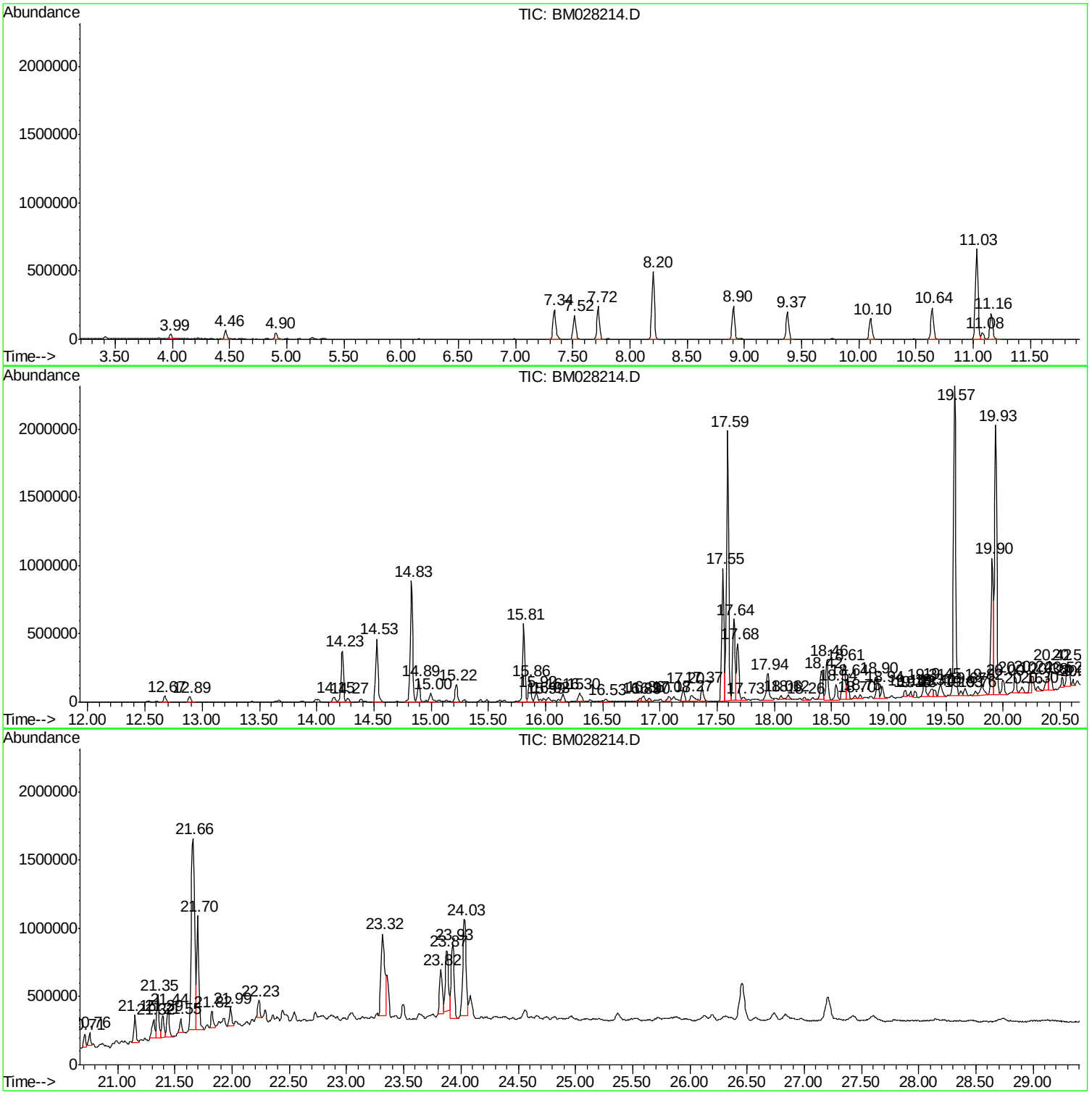
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

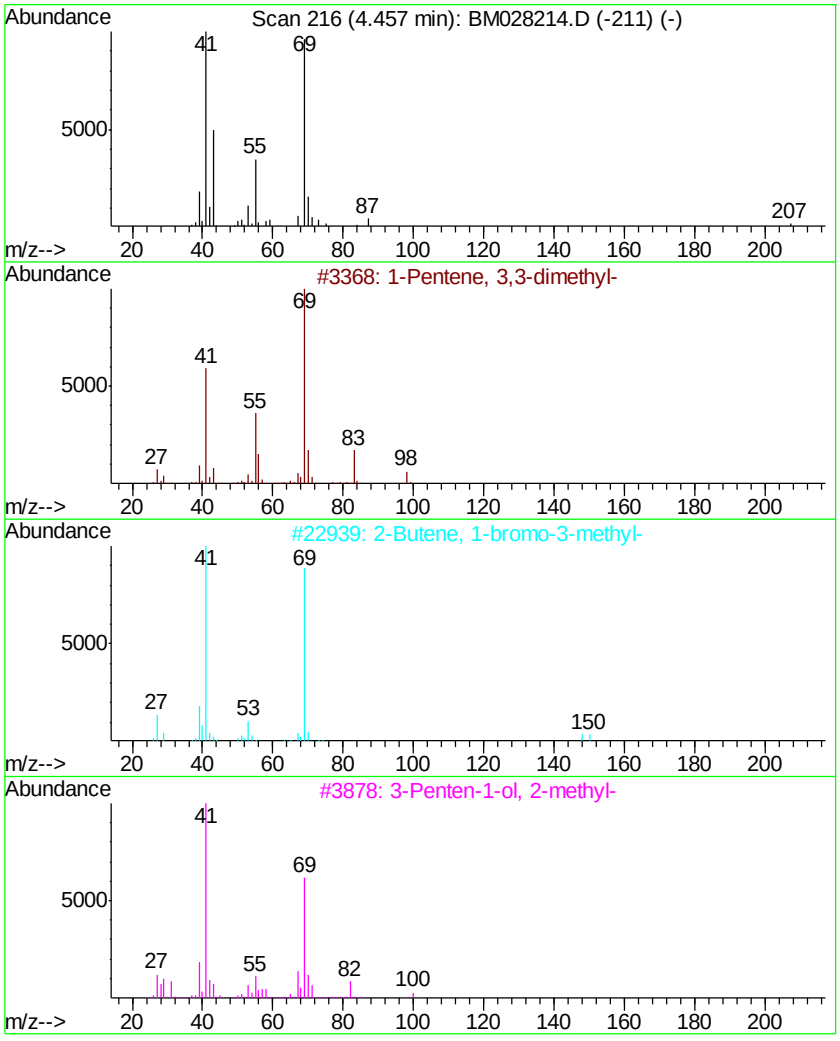
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

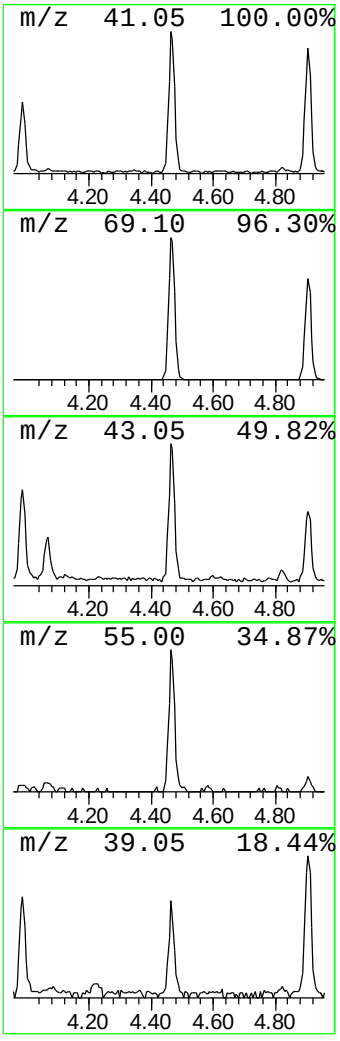
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	2.24 ng/ul	90900	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	50
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50
3	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	40
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	40
5	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

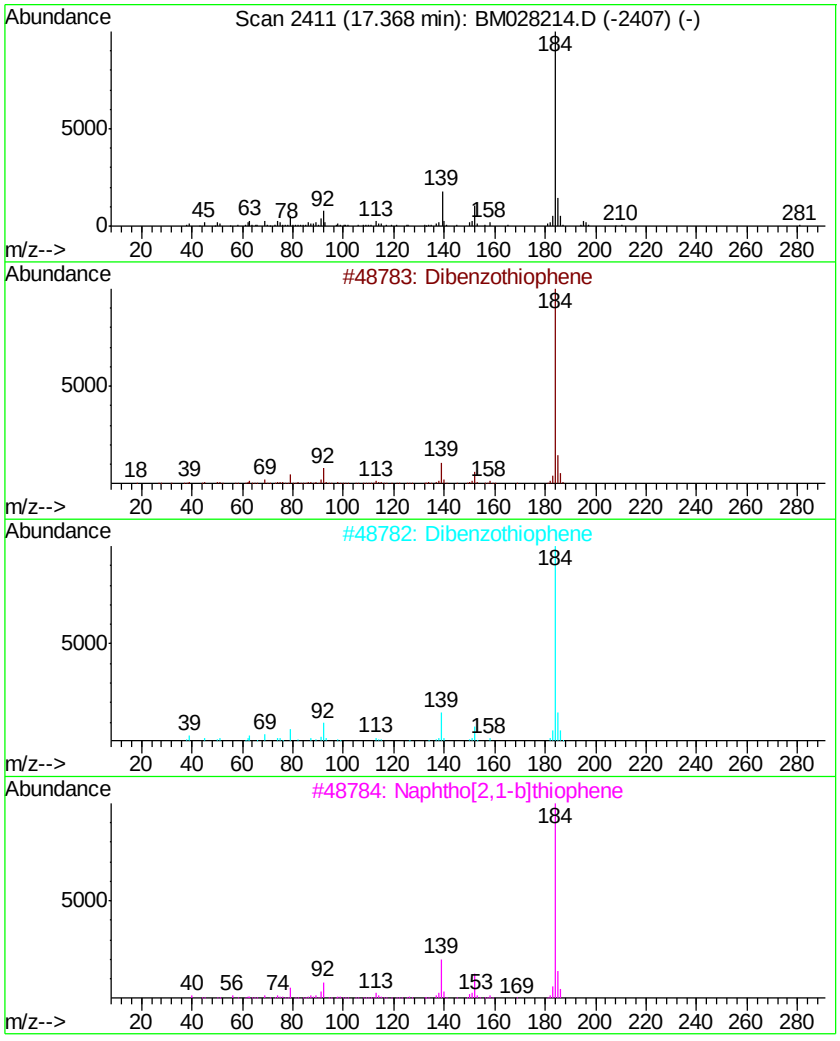
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

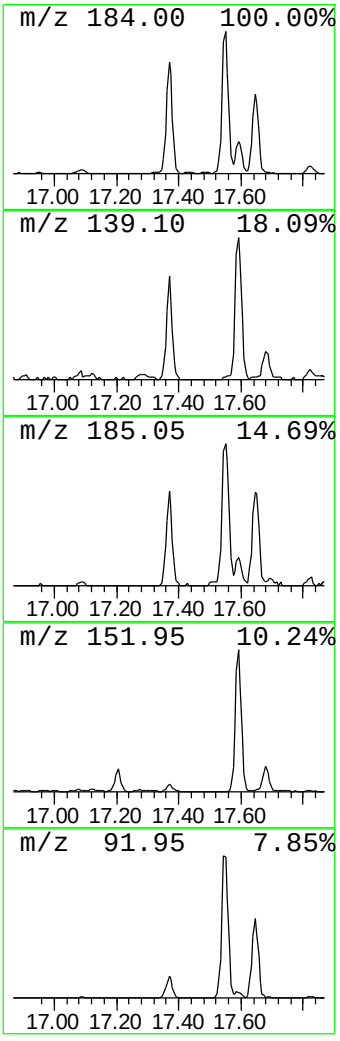
****

Peak Number 2 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.15 ng/ul	152173	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
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Sample : L5110-18
Misc :
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Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

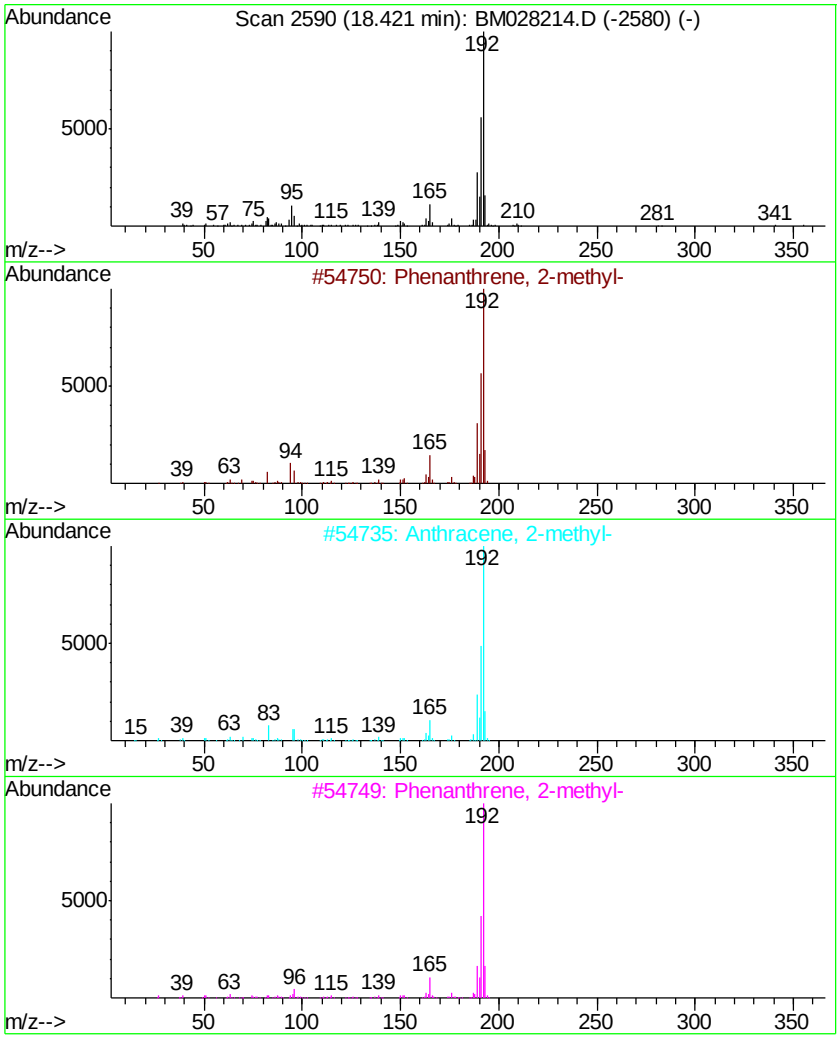
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

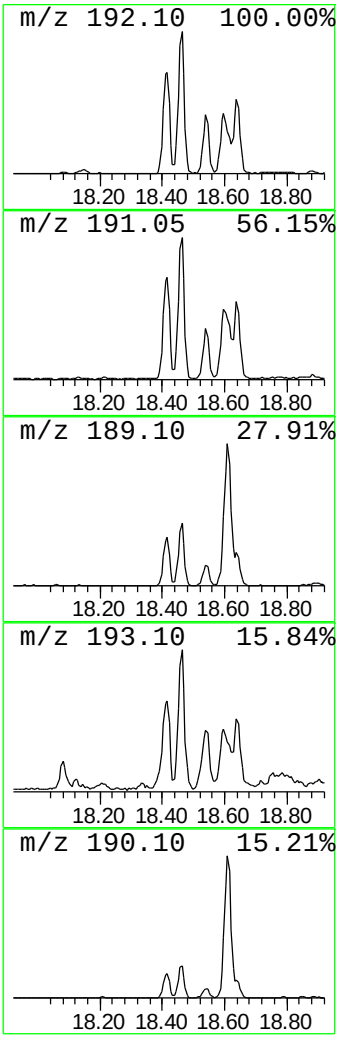
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.52 ng/ul	319360	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

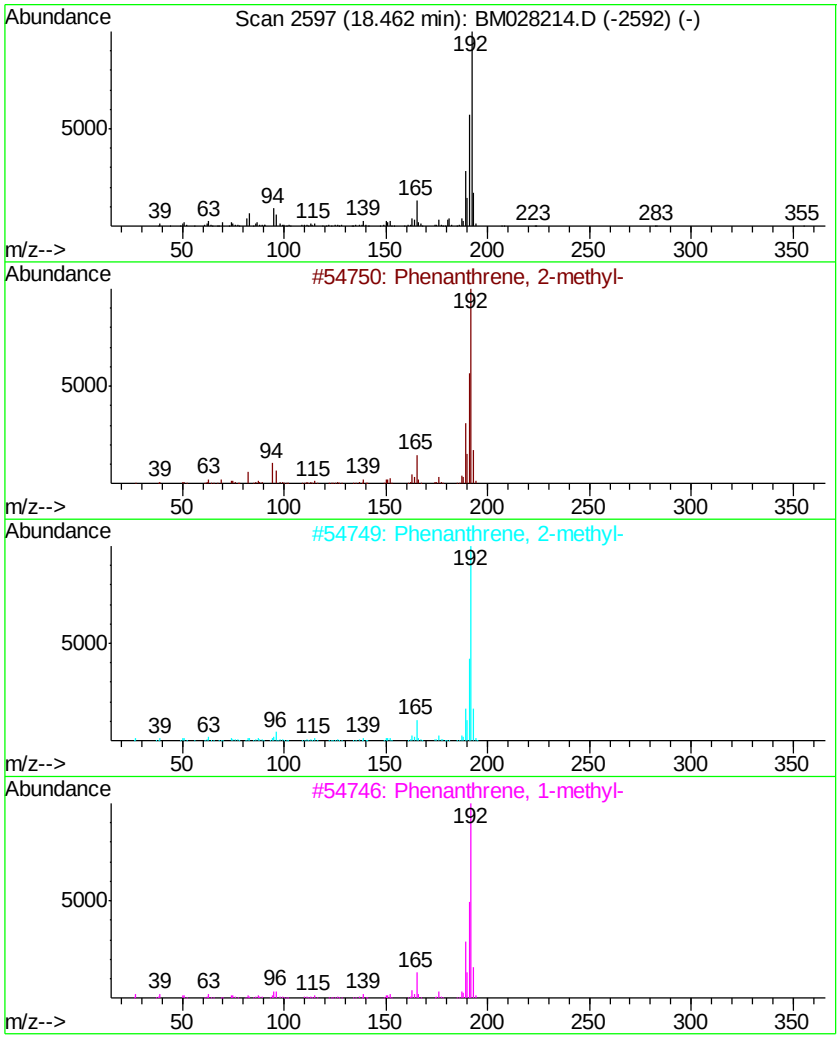
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

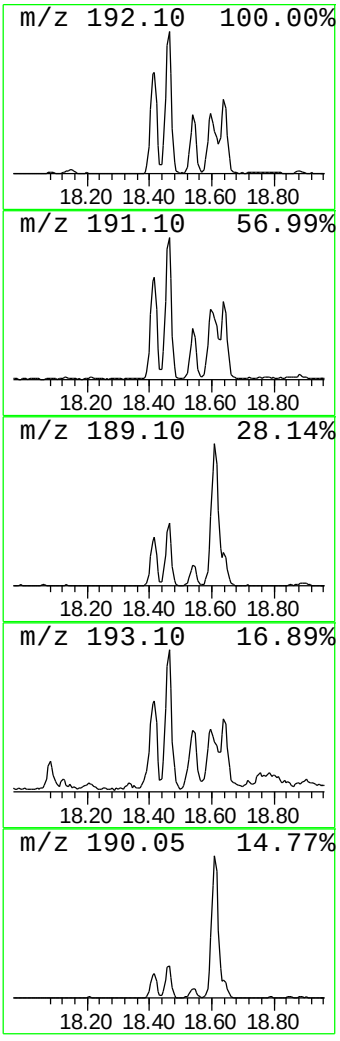
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	6.07 ng/ul	429061	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

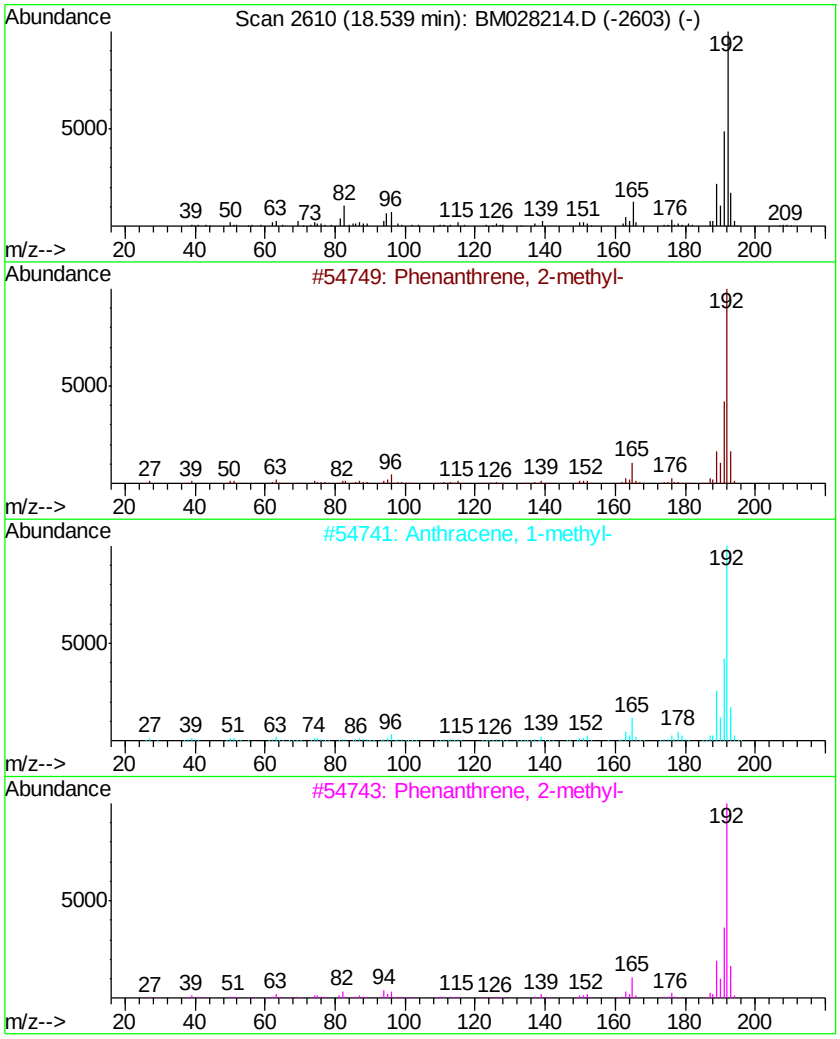
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

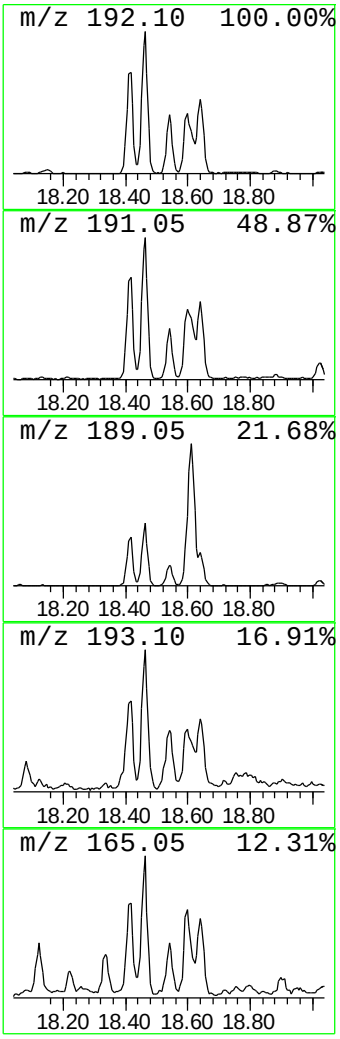
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.34 ng/ul	165794	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

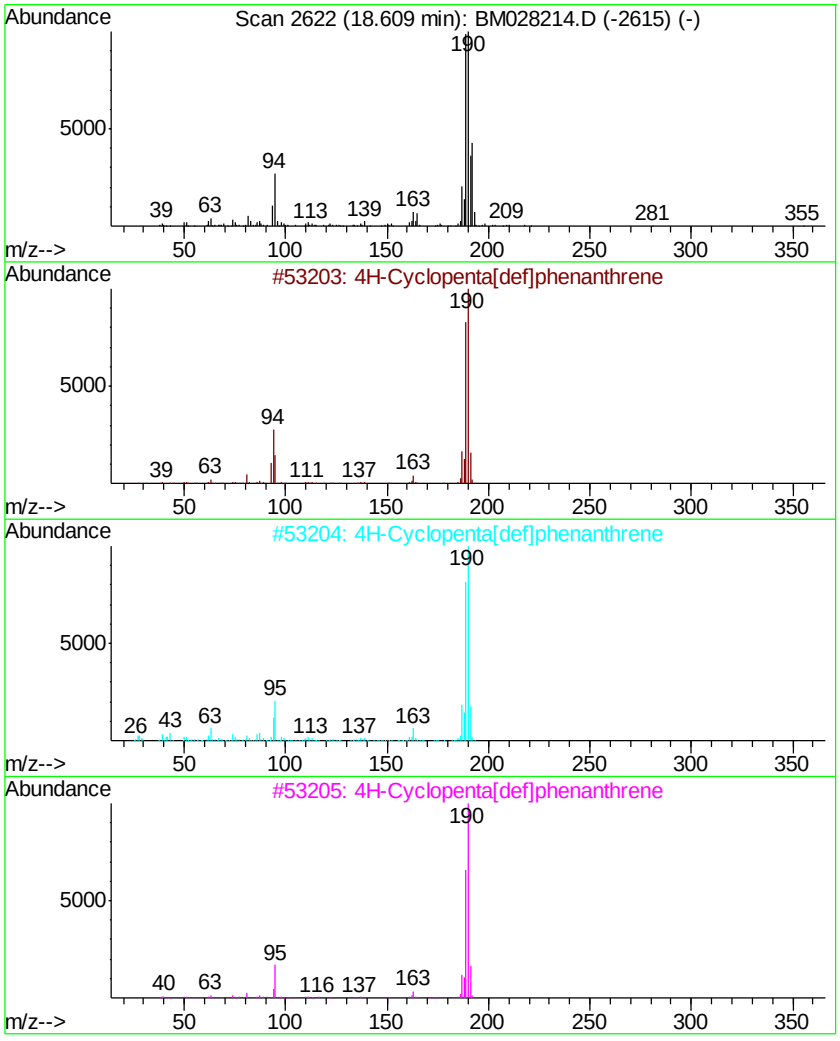
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

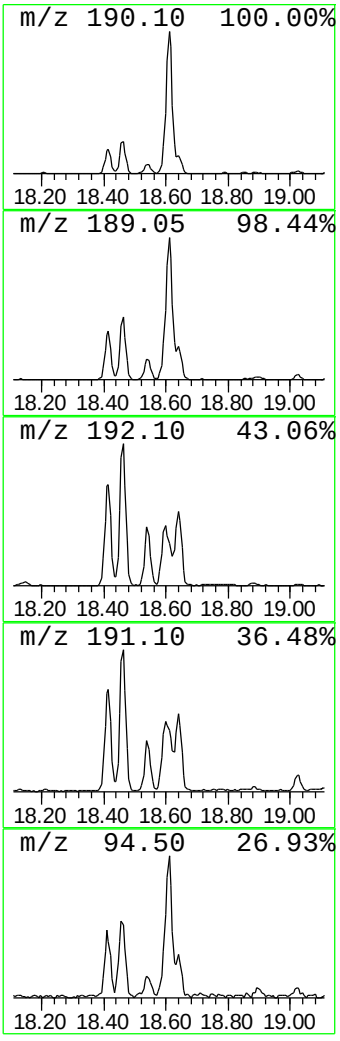
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	6.75 ng/ul	477040	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

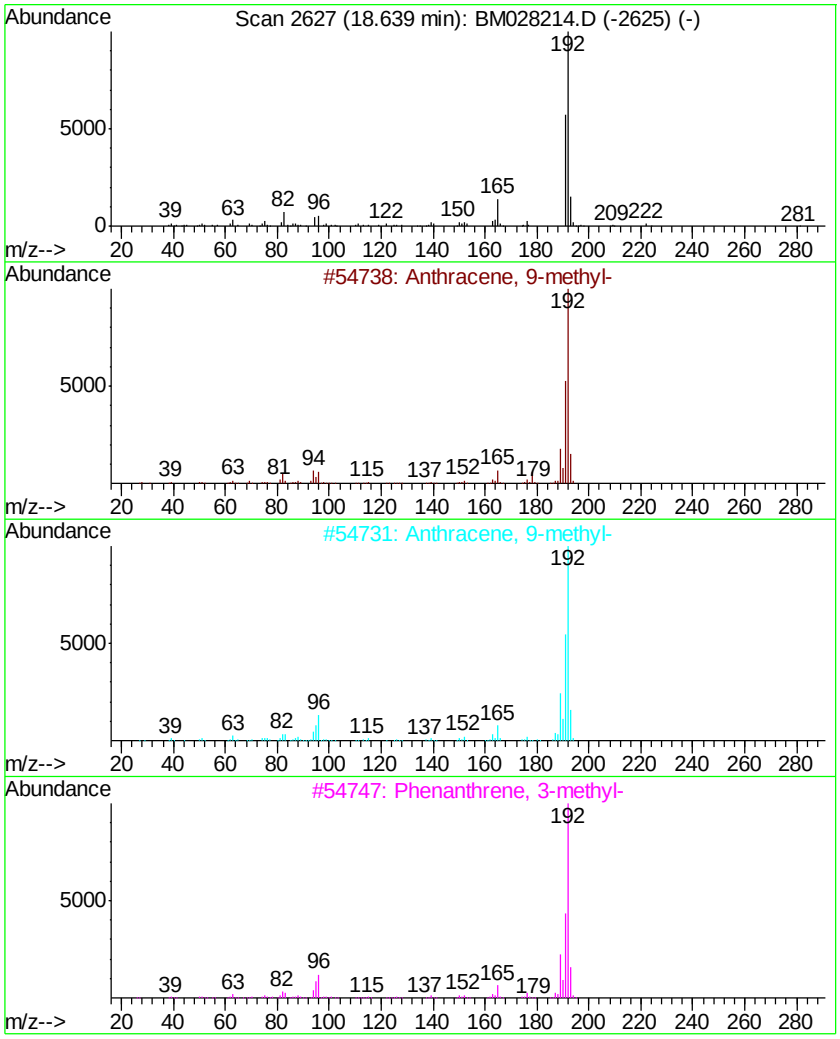
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

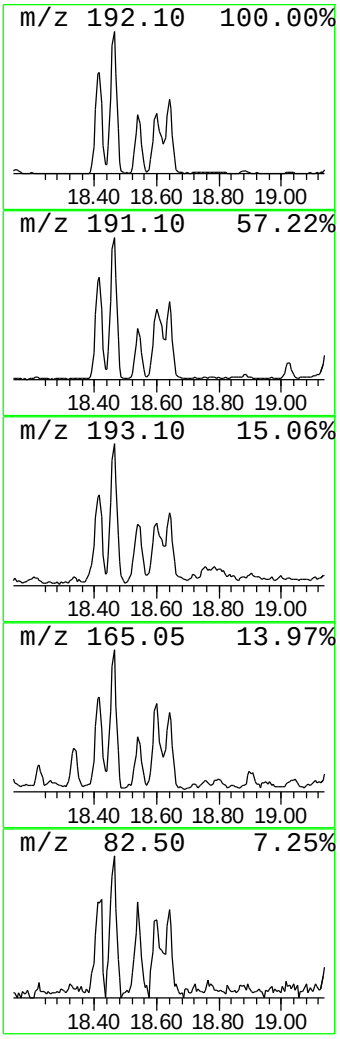
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.46 ng/ul	174136	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	90





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Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

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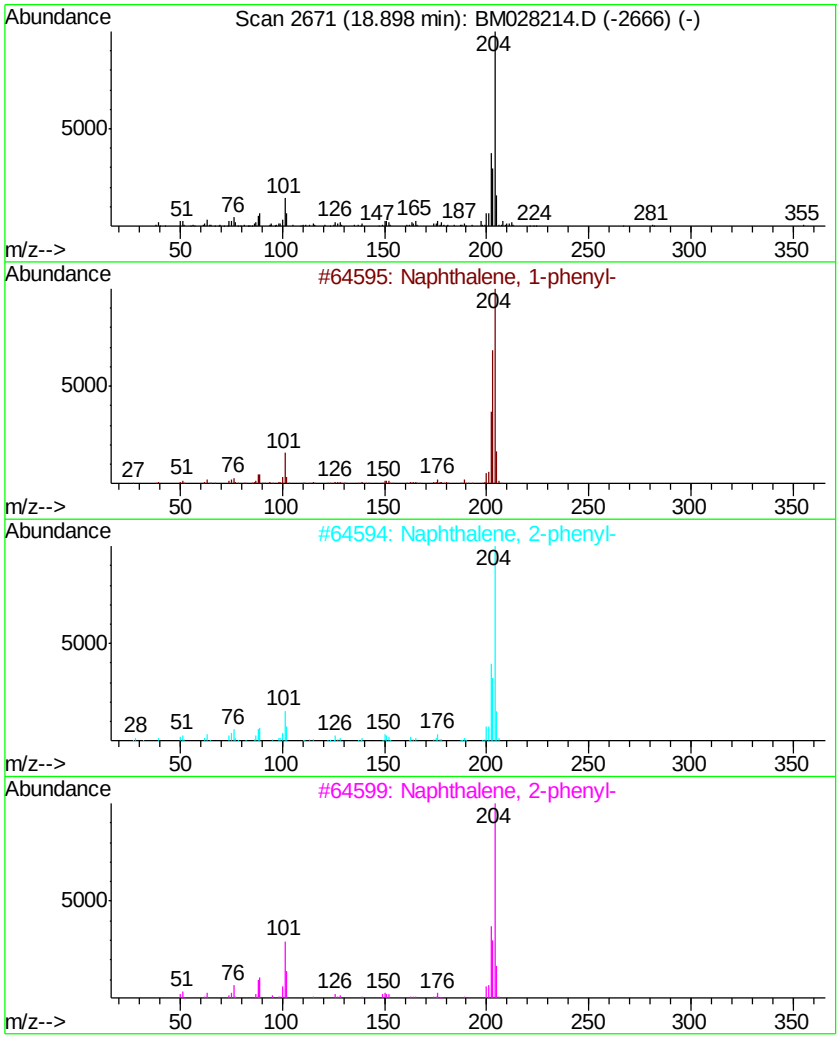
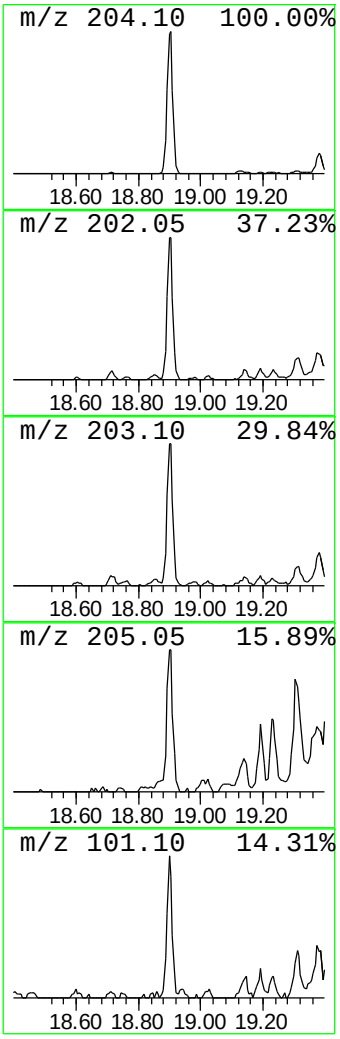
Peak Number 8 Naphthalene, 1-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.97 ng/ul	209861	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89





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Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

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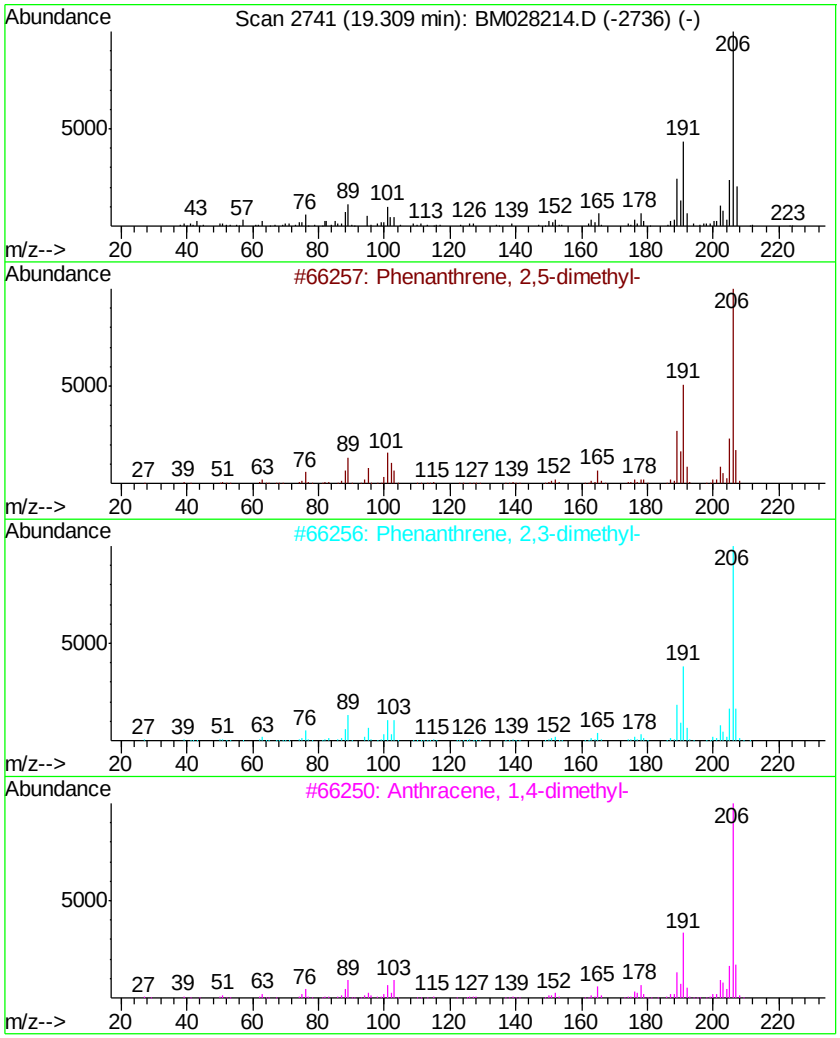
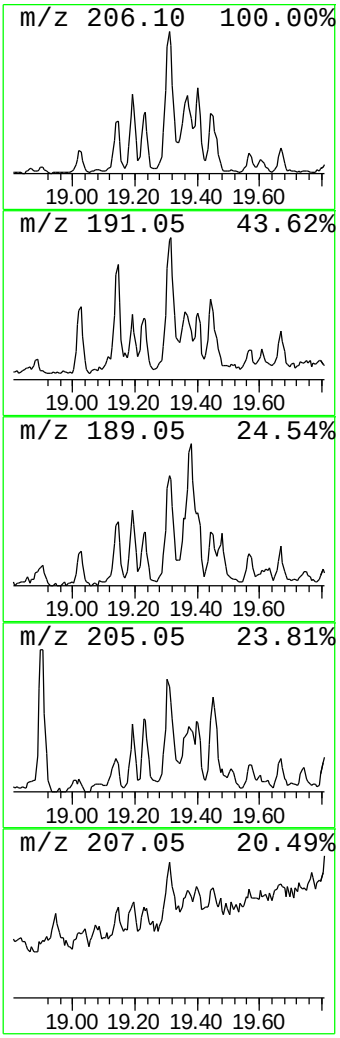
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.29 ng/ul	162103	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

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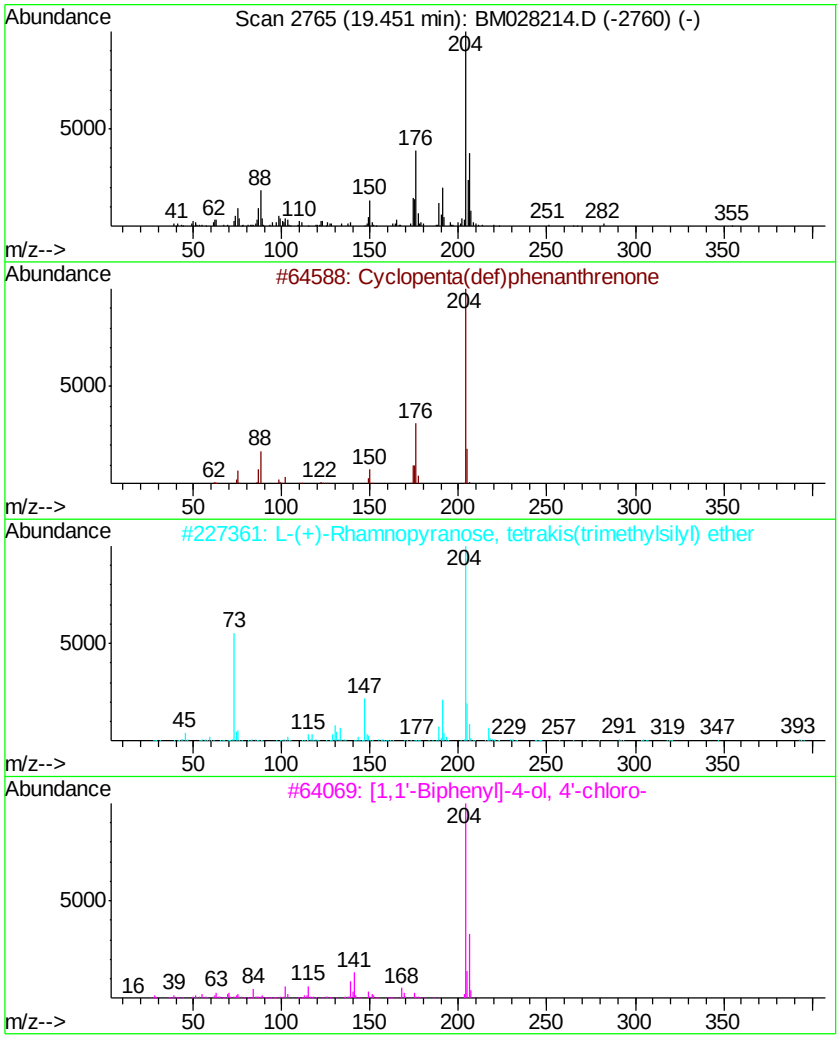
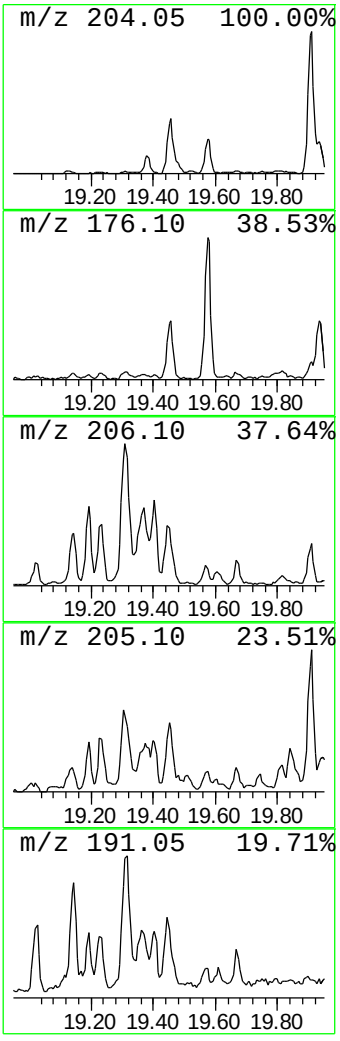
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.28 ng/ul	161220	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	47
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





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Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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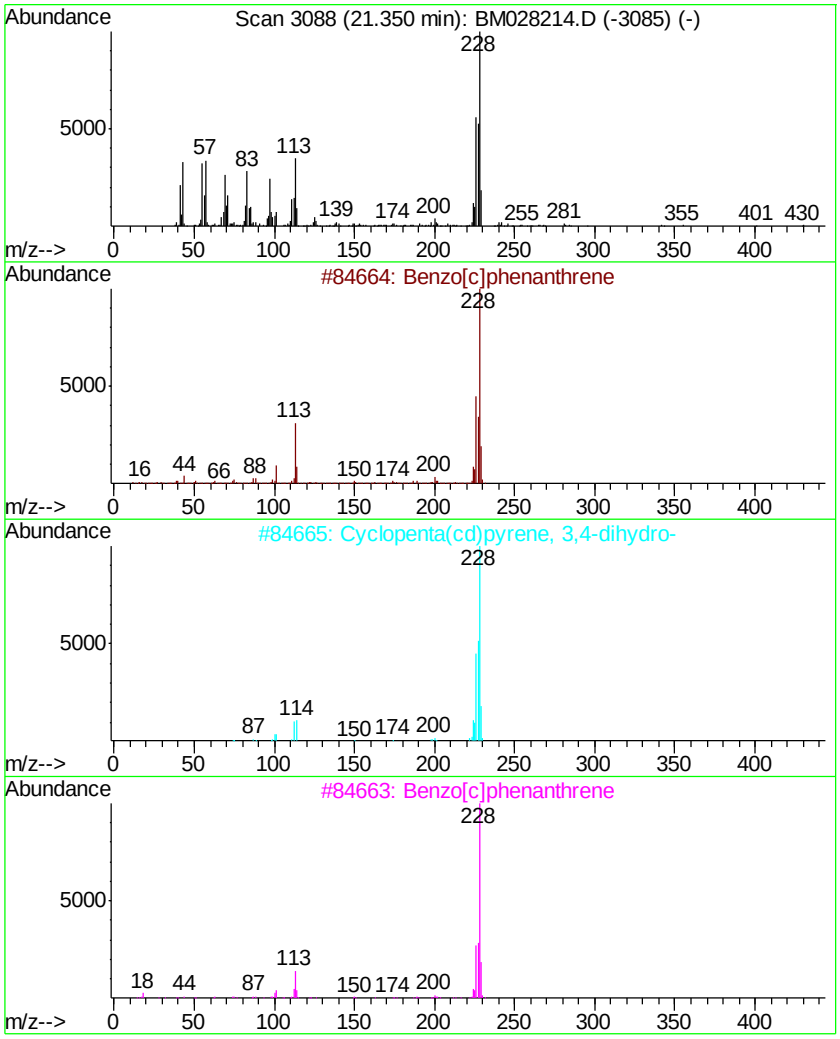
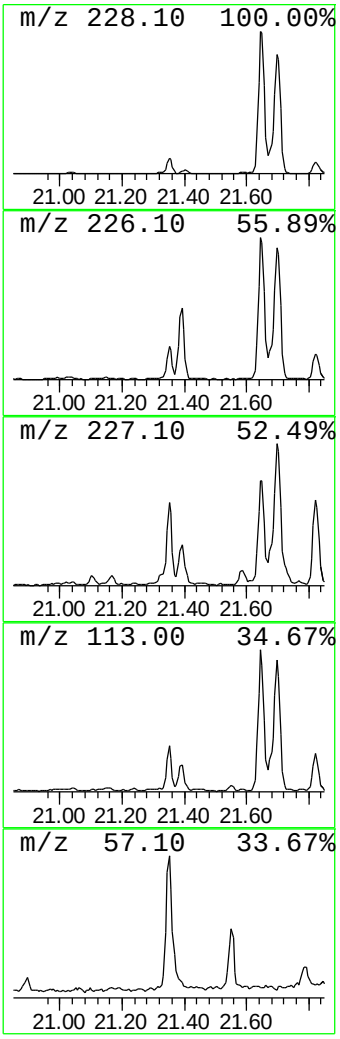
Peak Number 11 Benzo[c]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.62 ng/ul	401567	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	78
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
4	Triphenylene	228	C18H12	000217-59-4	49
5	Triphenylene	228	C18H12	000217-59-4	45





Library Search Compound Report

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Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54M7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

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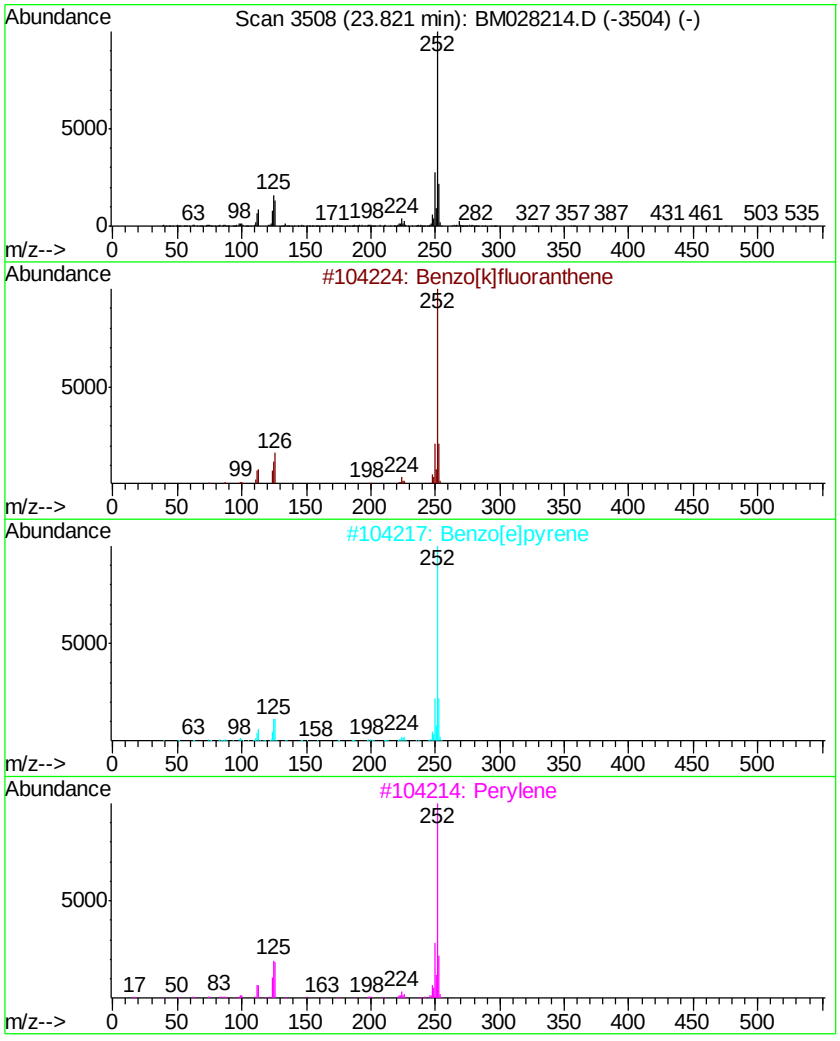
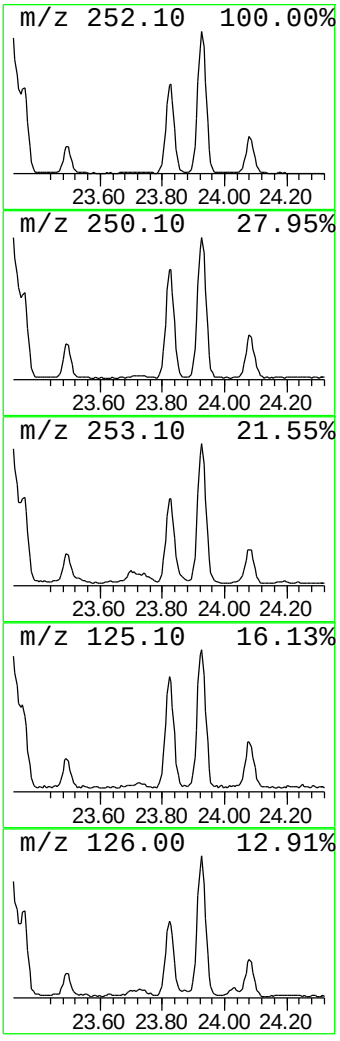
Peak Number 12 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	8.16 ng/ul	578378	Perylene-d12	24.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Perylene	252	C20H12	000198-55-0	99
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
5	Perylene	252	C20H12	000198-55-0	98





Tentatively Identified Compound (LSC) summary

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Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	4.46	2.2	ng/ul	90900	1	8.20	811552	20.0
Dibenzothiophene	17.37	2.1	ng/ul	152173	4	17.55	1414040	20.0
Phenanthrene, 2-m...	18.42	4.5	ng/ul	319360	4	17.55	1414040	20.0
Phenanthrene, 1-m...	18.46	6.1	ng/ul	429061	4	17.55	1414040	20.0
Anthracene, 1-met...	18.54	2.3	ng/ul	165794	4	17.55	1414040	20.0
4H-Cyclopenta[def...	18.61	6.8	ng/ul	477040	4	17.55	1414040	20.0
Anthracene, 9-met...	18.64	2.5	ng/ul	174136	4	17.55	1414040	20.0
Naphthalene, 1-ph...	18.90	3.0	ng/ul	209861	4	17.55	1414040	20.0
Phenanthrene, 2,5...	19.31	2.3	ng/ul	162103	4	17.55	1414040	20.0
Cyclopenta(def)ph...	19.45	2.3	ng/ul	161220	4	17.55	1414040	20.0
Benzo[c]phenanthrene	21.35	2.6	ng/ul	401567	5	21.66	3060280	20.0
Benzo[e]pyrene	23.82	8.2	ng/ul	578378	6	24.03	1417160	20.0