LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

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-BM031420MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.757	651	658	669	rBV	670258	1097031	11.53%	0.931%
2	6.922	679	686	697	rBV	501194	760617	8.00%	0.646%
3	7.116	712	719	728	rBV	701555	1079527	11.35%	0.916%
4	7.575	790	797	806	rBV	653692	1005380	10.57%	0.853%
5	8.281	911	917	926	rBV	830237	1315248	13.83%	1.116%
6	8.716	981	991	1004	rBV	650252	1019957	10.72%	0.866%
7	9.434	1106	1113	1122	rBV	528674	843283	8.86%	0.716%
8	9.969	1197	1204	1214	rVB	907908	1453250	15.28%	1.233%
9	10.345	1261	1268	1274	rBV	886575	1493211	15.70%	1.267%
10	10.481	1284	1291	1306	rBV	609540	1060513	11.15%	0.900%
11	13.633	1822	1827	1831	rVV	1484948	1993218	20.95%	1.692%
12	13.680	1831	1835	1841	rVB	177762	261838	2.75%	0.222%
13	13.904	1866	1873	1890	rBV2	1782264	3152919	33.14%	2.676%
14	14.216	1918	1926	1933	rVV2	1381735	1997666	21.00%	1.696%
15	14.275	1933	1936	1944	rVB	44626	72443	0.76%	0.061%
16	14.422	1955	1961	1970	rBV	619680	910808	9.57%	0.773%
17	14.622	1990	1995	1999	rVV2	39822	70699	0.74%	0.060%
18	15.092	2071	2075	2083	rVB2	39713	69128	0.73%	0.059%
19	15.216	2089	2096	2101	rBV	2230338	3157638	33.19%	2.680%
20	15.269	2101	2105	2111	rVB2	73082	112877	1.19%	0.096%
21	15.333	2111	2116	2124	rBV	475737	663793	6.98%	0.563%
22	15.569	2151	2156	2159	rBV2	42827	69112	0.73%	0.059%
23	15.710	2177	2180	2188	rVB	40156	88319	0.93%	0.075%
24	15.945	2214	2220	2226	rBV7	37898	84329	0.89%	0.072%
25	16.510	2312	2316	2319	rVV3	47810	68978	0.73%	0.059%
26	16.545	2319	2322	2326	rVV2	60463	92255	0.97%	0.078%
27	16.616	2330	2334	2344	rVB	76691	142769	1.50%	0.121%
28	16.698	2344	2348	2354	rBV3	40747	82293	0.87%	0.070%
29	16.780	2355	2362	2366	rVB	77871	131258	1.38%	0.111%
30	16.963	2387	2393	2396	rBV	1599414	2243281	23.58%	1.904%
31	17.004	2396	2400	2404	rVV	1686569	2242270	23.57%	1.903%
32	17.057	2404	2409	2413	rVV2	2331099	3301155	34.70%	2.802%
33	17.092	2413	2415	2421	rVV	455104	525000	5.52%	0.446%
34	17.157	2421	2426	2432	rVB3	69323	122803	1.29%	0.104%

LSC Area Percent Report

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Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

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-BM031420MA.M
Title : SVOA CALIBRATION

35	17.363	2453	2461	2465	rBV	126327	214679	2.26%	0.182%
36	17.486	2479	2482	2486	rVB2	66610	88024	0.93%	0.075%
37	17.539	2487	2491	2497	rVB2	77267	115586	1.21%	0.098%
38	17.686	2512	2516	2521	rVB	41432	67883	0.71%	0.058%
39	17.839	2537	2542	2545	rVV	338010	481615	5.06%	0.409%
40	17.886	2545	2550	2557	rVV	826468	1153098	12.12%	0.979%
41	17.963	2557	2563	2568	rVV2	179766	319473	3.36%	0.271%
42	18.027	2568	2574	2578	rVV2	484855	847525	8.91%	0.719%
43	18.068	2578	2581	2586	rVB	251524	330105	3.47%	0.280%
44	18.186	2597	2601	2606	rBV6	57076	89901	0.94%	0.076%
45	18.345	2623	2628	2630	rBV	252261	343596	3.61%	0.292%
46	18.374	2630	2633	2639	rVB	268297	355878	3.74%	0.302%
47	18.592	2667	2670	2674	rVB2	79454	101263	1.06%	0.086%
48	18.639	2675	2678	2682	rBV	103985	134383	1.41%	0.114%
49	18.680	2682	2685	2689	rVB	98325	128364	1.35%	0.109%
50	18.762	2690	2699	2704	rBV	315935	579184	6.09%	0.492%
51	18.827	2704	2710	2713	rBV2	150607	267840	2.82%	0.227%
52	18.857	2713	2715	2718	rVB	70224	69050	0.73%	0.059%
53	18.898	2718	2722	2730	rVB2	267361	440857	4.63%	0.374%
54	19.027	2735	2744	2749	rBV	4737643	6281078	66.02%	5.331%
55	19.127	2759	2761	2765	rVB4	63599	81163	0.85%	0.069%
56	19.174	2765	2769	2774	rBV	772517	1005787	10.57%	0.854%
57	19.227	2775	2778	2781	rBV	59472	73495	0.77%	0.062%
58	19.268	2781	2785	2787	rBV	98138	123115	1.29%	0.104%
59	19.357	2794	2800	2803	rBV2	3360723	5345320	56.19%	4.537%
60	19.386	2803	2805	2813	rVV	4320987	5285677	55.56%	4.486%
61	19.462	2814	2818	2825	rVB2	179418	362083	3.81%	0.307%
62	19.568	2832	2836	2842	rBV	253748	330650	3.48%	0.281%
63	19.627	2842	2846	2853	rVB3	145062	255604	2.69%	0.217%
64	19.704	2854	2859	2867	rBV2	558013	1332795	14.01%	1.131%
65	19.851	2880	2884	2886	rVV3	309243	464014	4.88%	0.394%
66	19.886	2887	2890	2896	rVB	693920	939973	9.88%	0.798%
67	19.945	2898	2900	2903	rBV4	66880	79825	0.84%	0.068%
68	19.986	2903	2907	2911	rVV	379799	466871	4.91%	0.396%
69	20.045	2912	2917	2921	rVB3	530126	733897	7.71%	0.623%
70	20.186	2937	2941	2944	rBV	303364	372623	3.92%	0.316%
71	20.227	2944	2948	2957	rVV2	277145	419118	4.41%	0.356%

LSC Area Percent Report

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Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

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-BM031420MA.M
Title : SVOA CALIBRATION

72	20.445	2982	2985	2988	rBV3	162219	216491	2.28%	0.184%
73	20.633	3013	3017	3024	rVB	515911	757448	7.96%	0.643%
74	20.798	3039	3045	3049	rBV2	477666	867368	9.12%	0.736%
75	20.839	3049	3052	3055	rVV	494913	578274	6.08%	0.491%
76	20.892	3055	3061	3065	rVV4	870336	1670588	17.56%	1.418%
77	20.927	3065	3067	3075	rVB2	515801	721787	7.59%	0.613%
78	21.098	3093	3096	3099	rBV2	607642	694970	7.31%	0.590%
79	21.145	3099	3104	3109	rVV2	4016673	7786647	81.85%	6.609%
80	21.192	3109	3112	3119	rVB	2953507	3606422	37.91%	3.061%
81	21.309	3129	3132	3134	rBV	247808	292964	3.08%	0.249%
82	21.345	3135	3138	3145	rVB3	429889	701022	7.37%	0.595%
83	21.456	3154	3157	3163	rBV2	335700	580855	6.11%	0.493%
84	21.645	3186	3189	3191	rBV	145279	198240	2.08%	0.168%
85	21.692	3191	3197	3202	rBV	579954	982108	10.32%	0.834%
86	21.745	3203	3206	3208	rBV2	339396	436361	4.59%	0.370%
87	21.886	3227	3230	3232	rBV	261160	315144	3.31%	0.267%
88	21.909	3232	3234	3240	rVB3	341985	472106	4.96%	0.401%
89	22.209	3282	3285	3290	rVB2	472558	631489	6.64%	0.536%
90	22.674	3358	3364	3380	rBV	2932225	9513481	100.00%	8.075%
91	22.833	3387	3391	3398	rVB	652910	1007856	10.59%	0.855%
92	23.127	3435	3441	3445	rBV	1583894	2837869	29.83%	2.409%
93	23.174	3445	3449	3453	rVV	2155055	3797080	39.91%	3.223%
94	23.215	3453	3456	3465	rVB	2658789	4801026	50.47%	4.075%
95	23.309	3466	3472	3476	rVV	1446470	2672721	28.09%	2.269%
96	23.356	3476	3480	3488	rVB2	705918	1357655	14.27%	1.152%
97	23.856	3561	3565	3571	rVB	446997	800017	8.41%	0.679%
98	23.927	3573	3577	3586	rVB5	300224	587864	6.18%	0.499%
99	25.439	3827	3834	3843	rVB2	1482557	3799532	39.94%	3.225%
100	26.086	3937	3944	3960	rVB	803039	2263658	23.79%	1.921%

Sum of corrected areas: 117815301

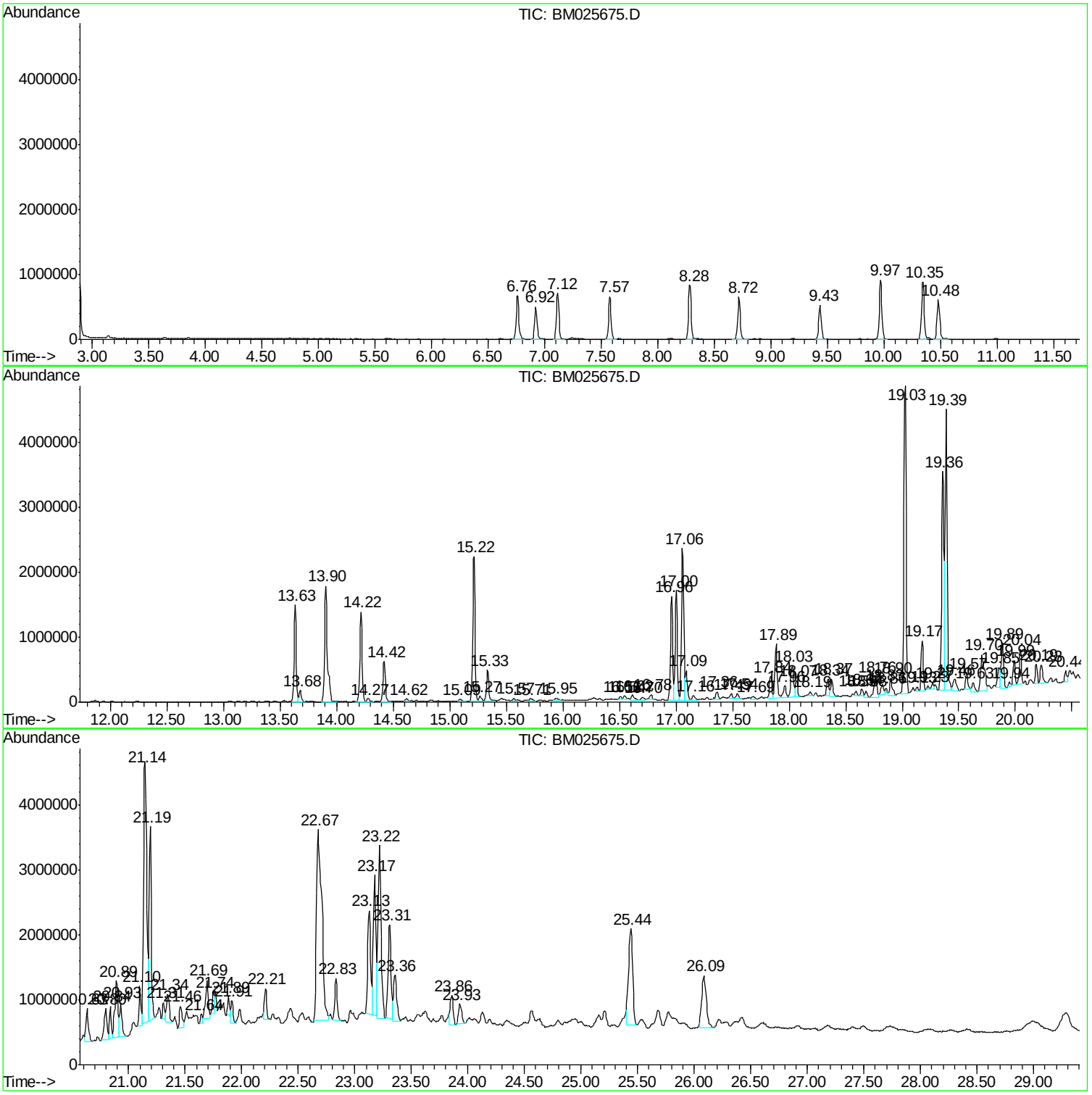
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

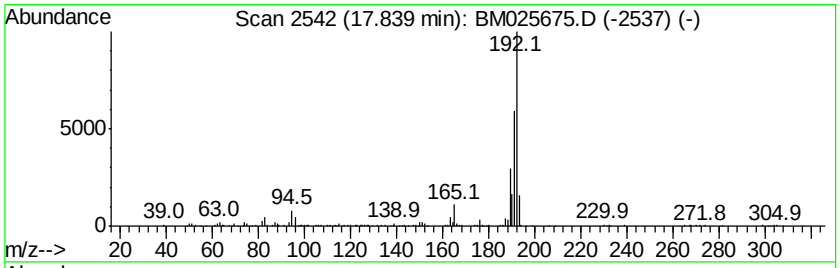
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

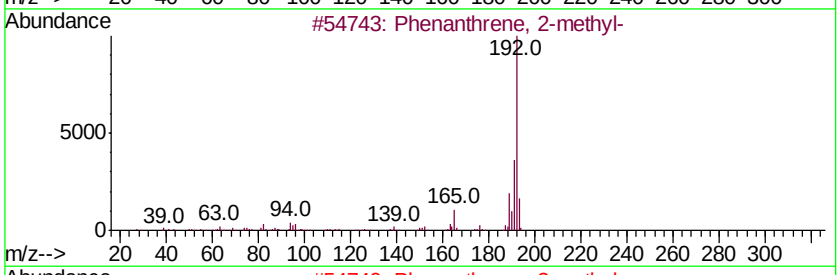
****

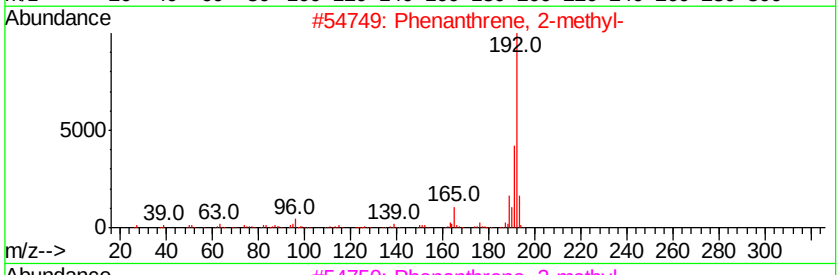
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 7

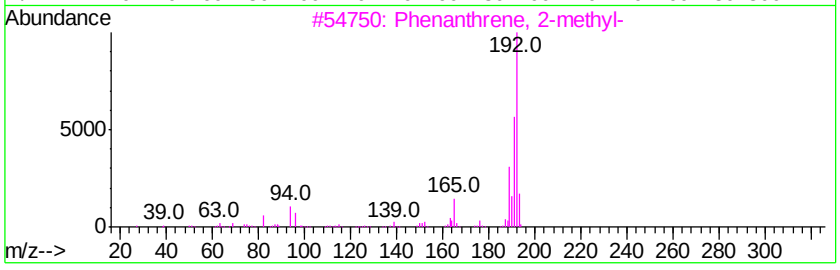
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	4.29 ng/ul	481615	Phenanthrene-d10	16.96

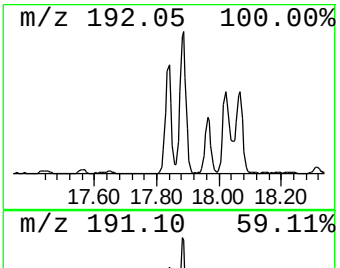
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93

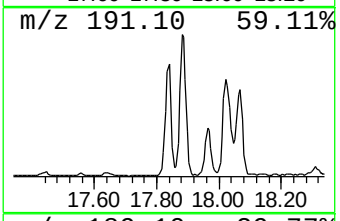


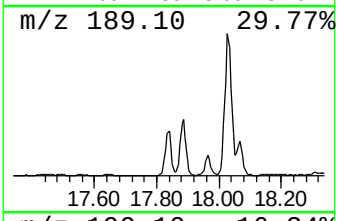


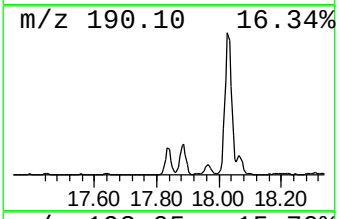


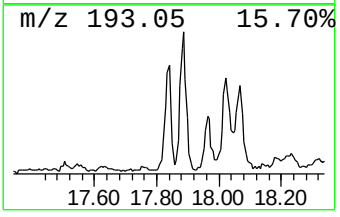












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

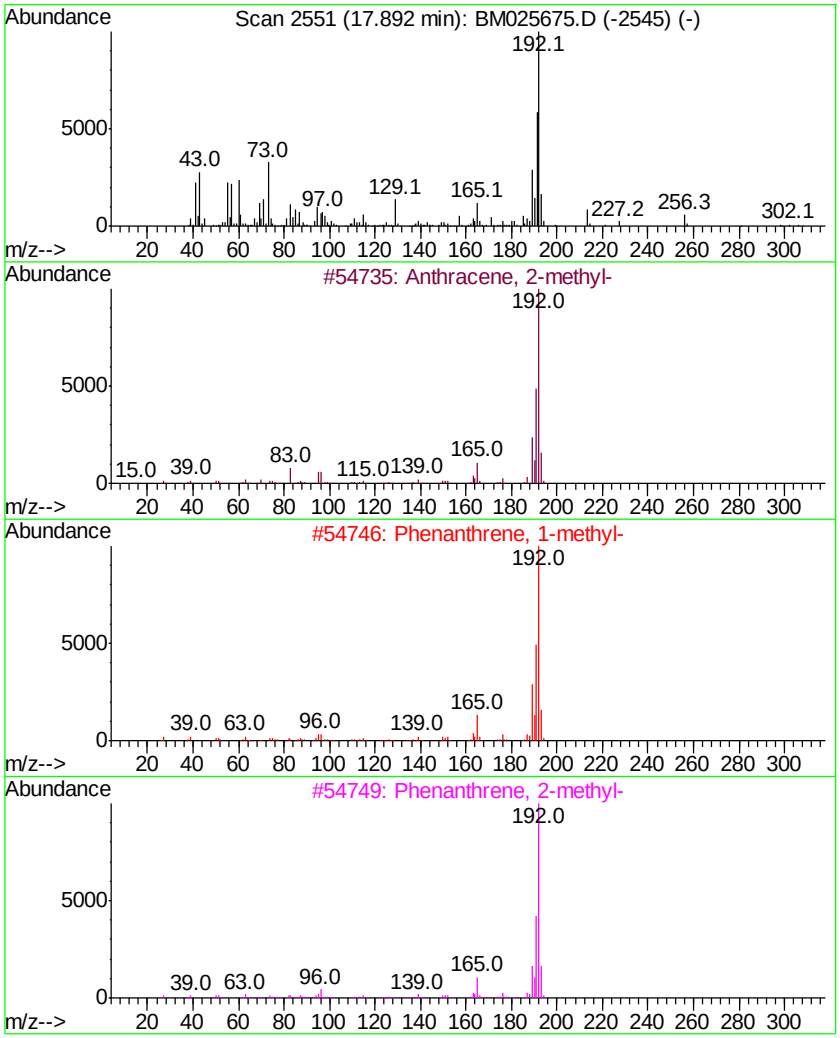
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

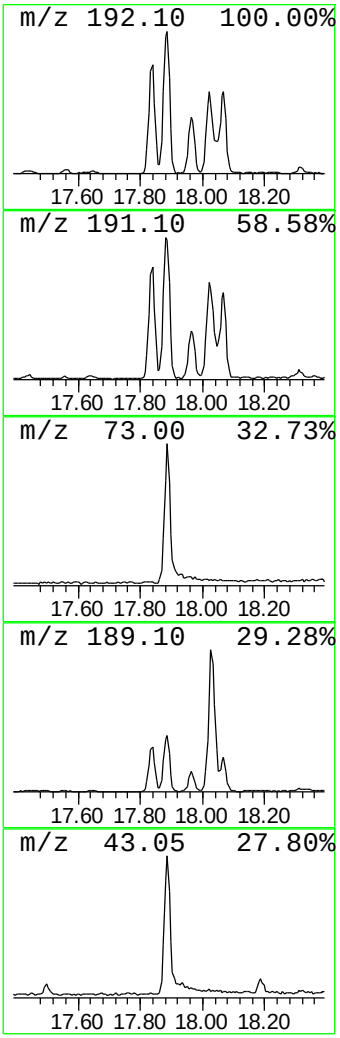
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	10.28 ng/ul	1153100	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
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Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

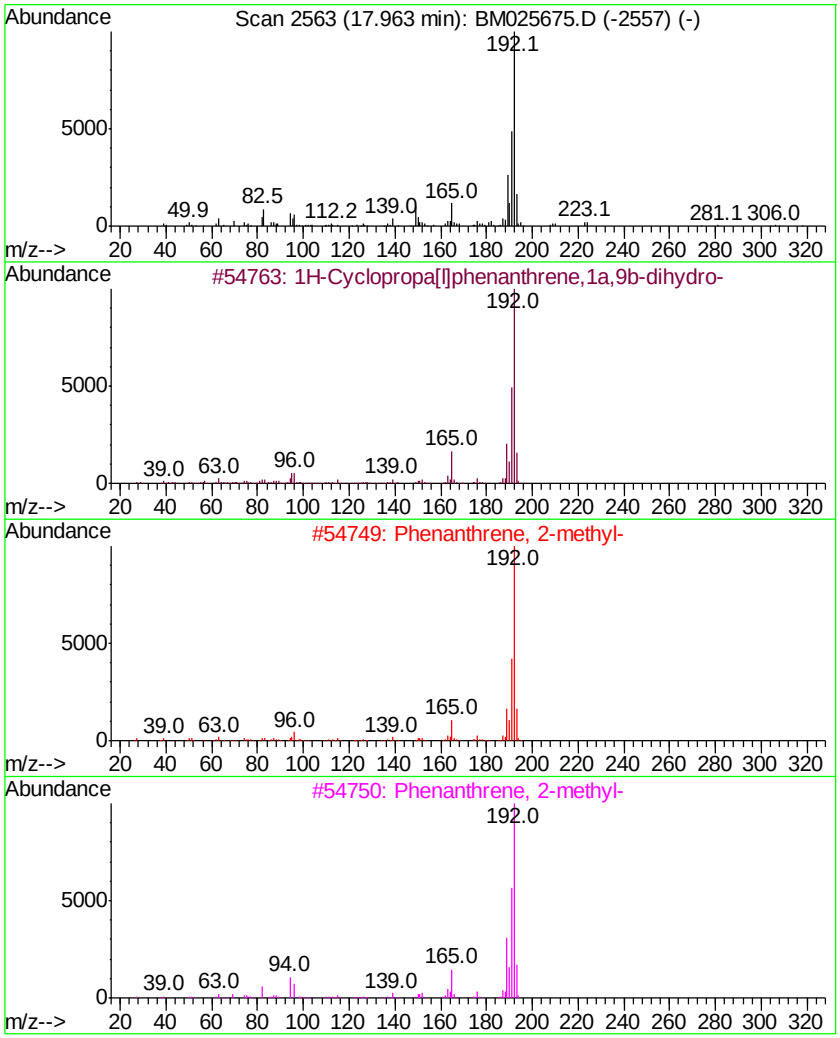
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

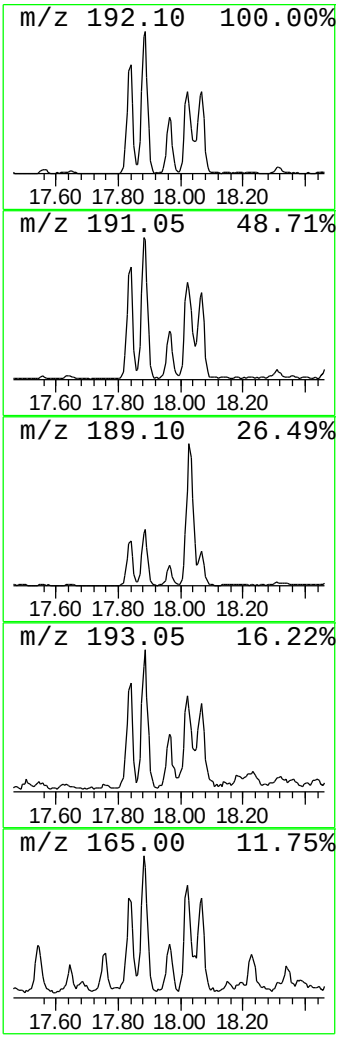
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.85 ng/ul	319473	Phenanthrene-d10	16.96

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

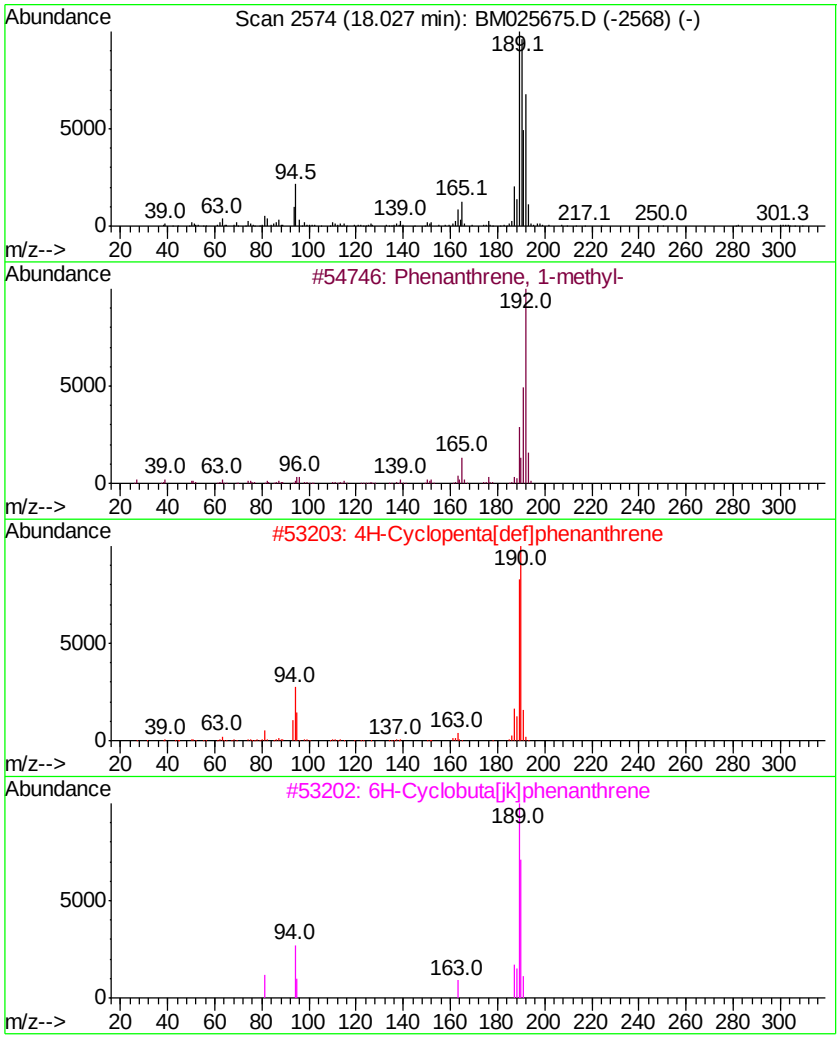
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

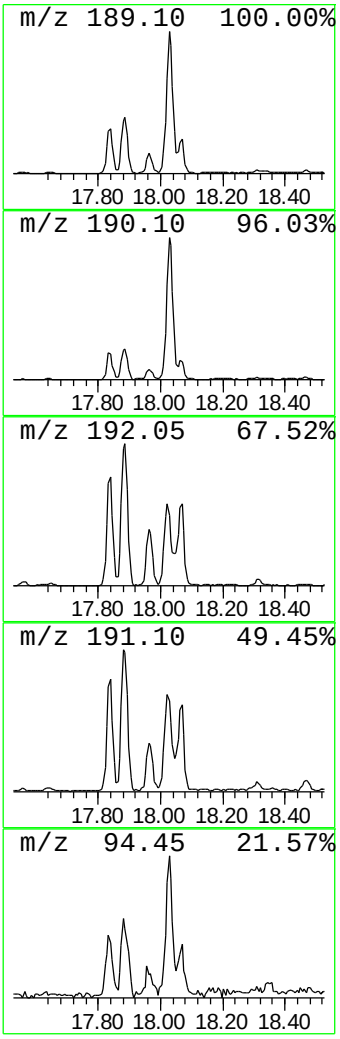
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	7.56 ng/ul	847525	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
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Instrument : BNA_M
ClientSampleId : B0AH9

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Quant Title : SVOA CALIBRATION

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

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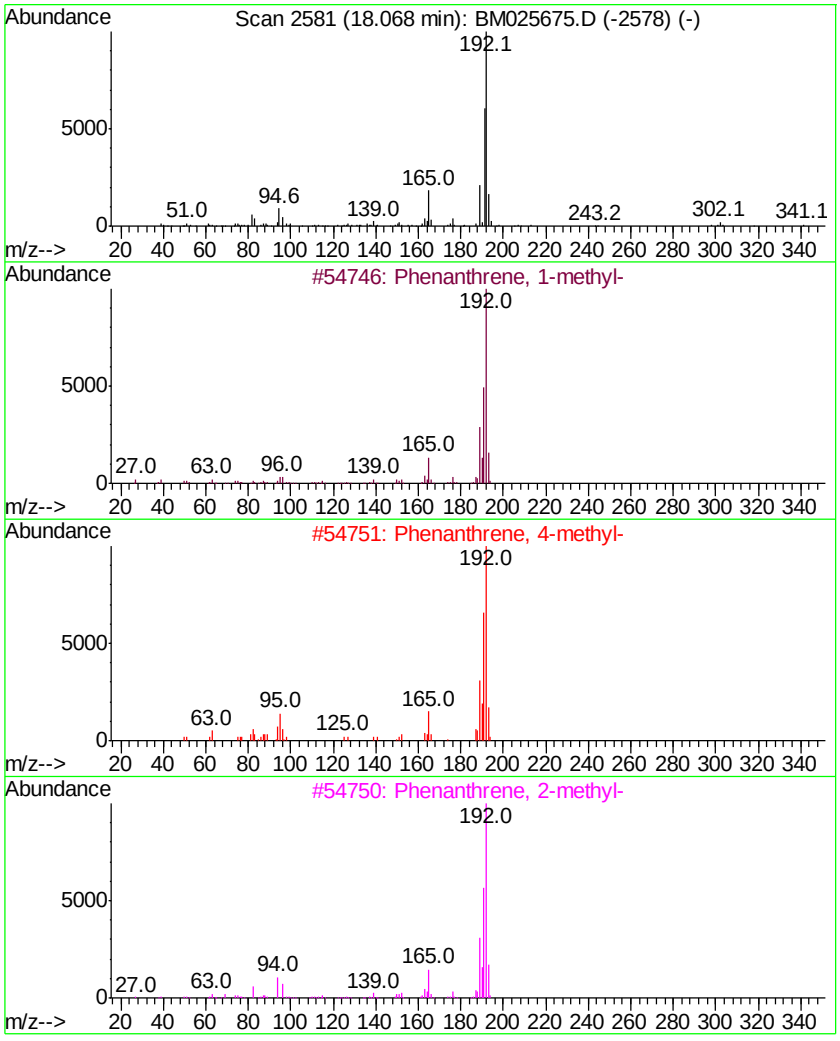
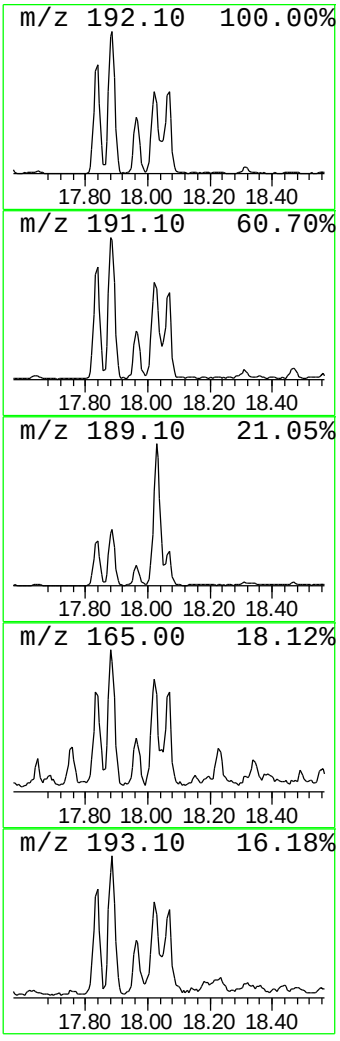
Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.94 ng/ul	330105	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81





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ClientSampleId : B0AH9

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Quant Title : SVOA CALIBRATION

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

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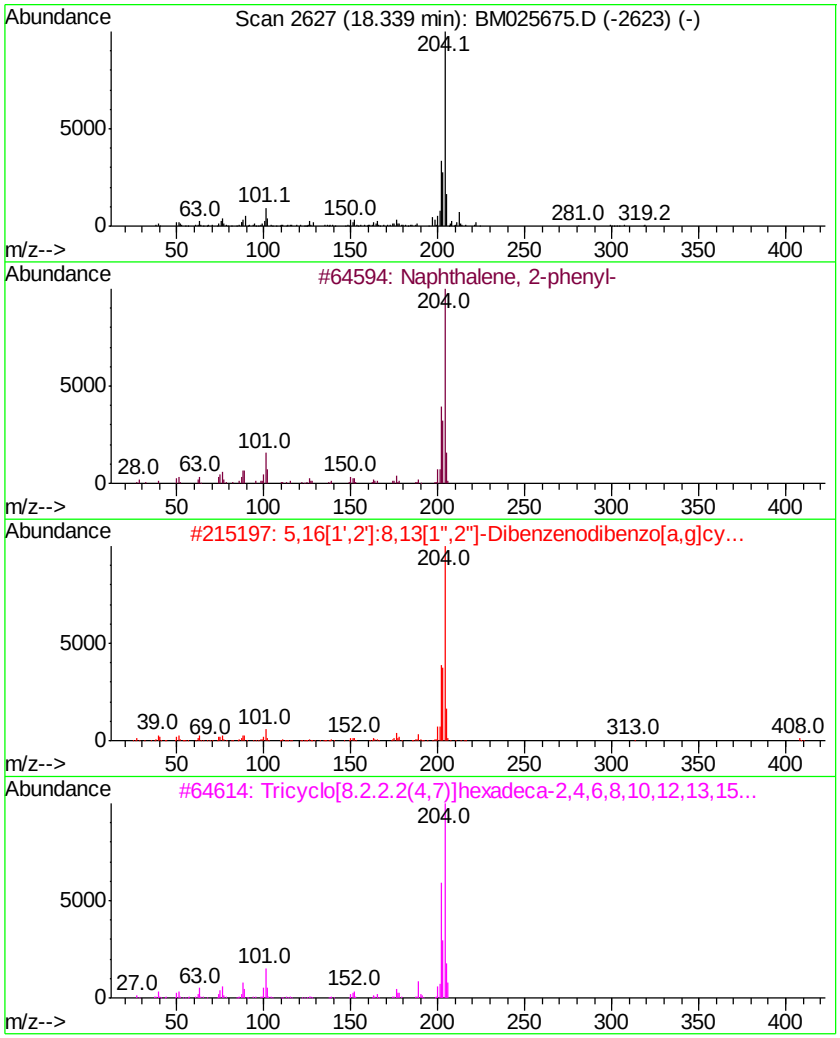
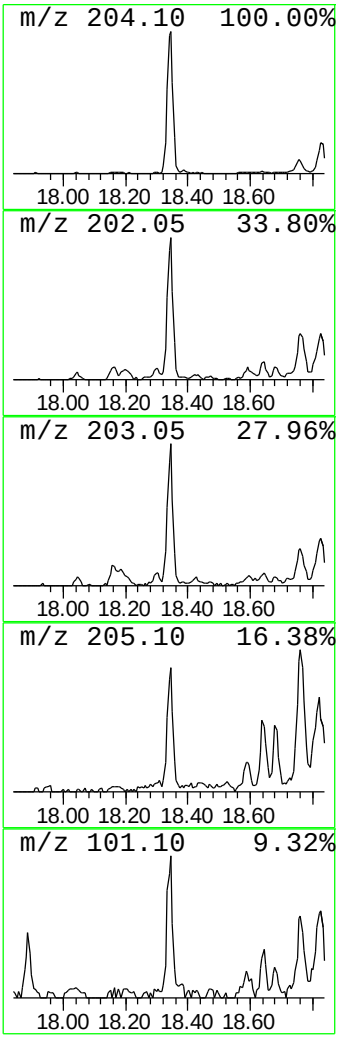
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.06 ng/ul	343596	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78





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ClientSampleId : B0AH9

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Quant Title : SVOA CALIBRATION

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

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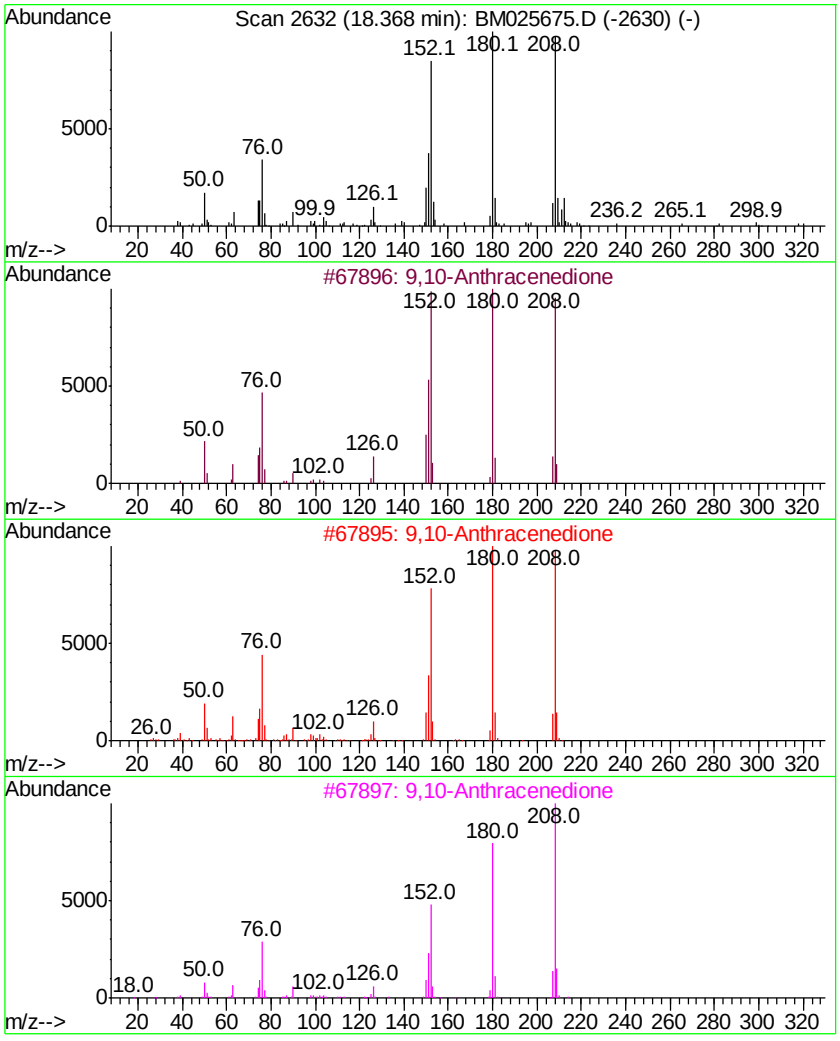
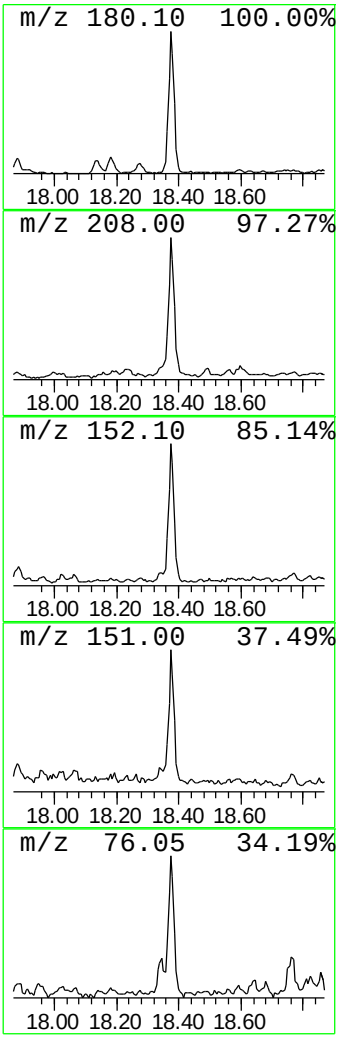
Peak Number 7 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.17 ng/ul	355878	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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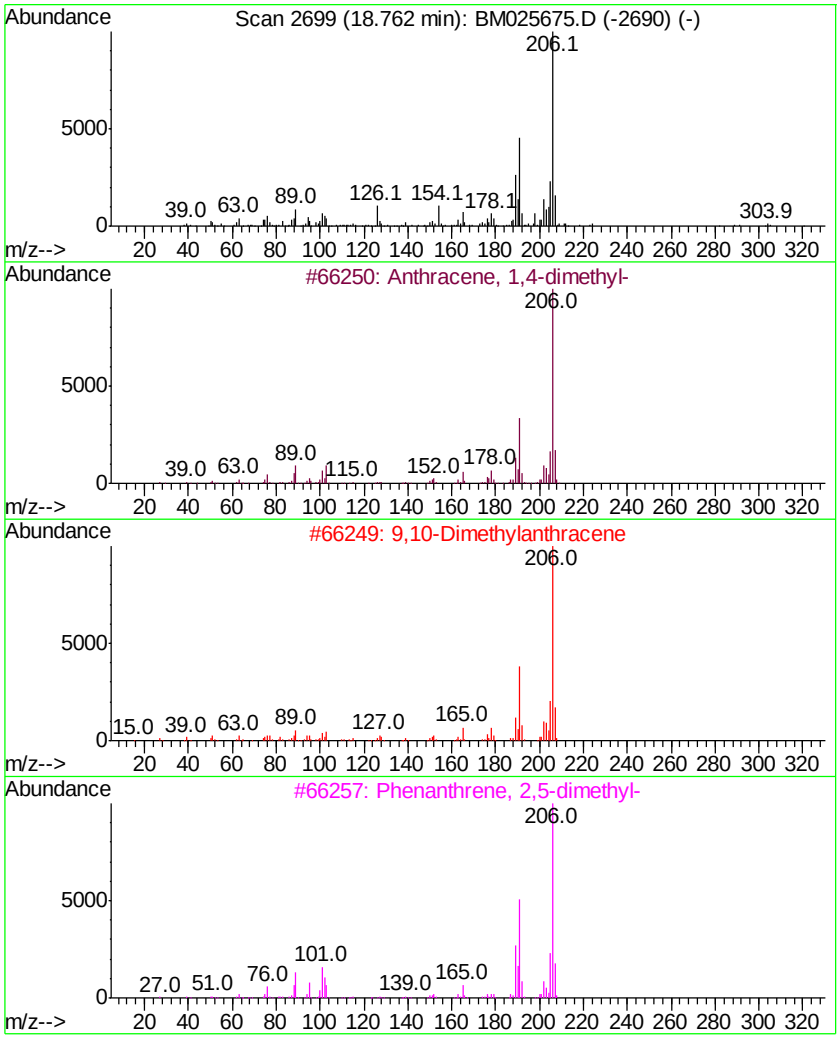
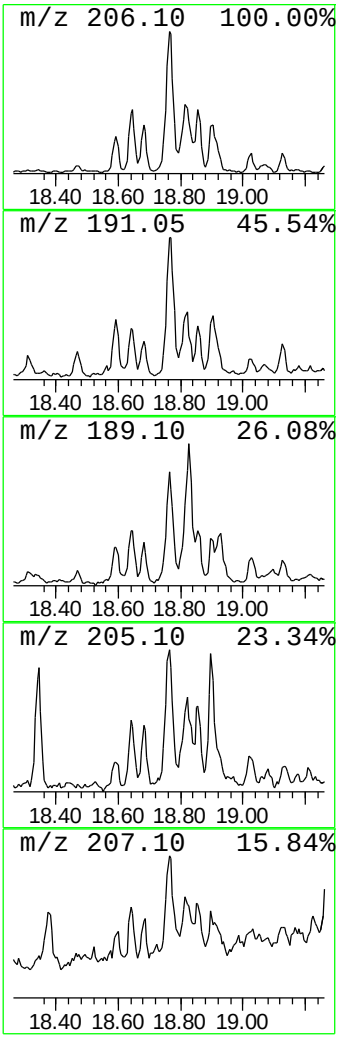
Peak Number 8 Anthracene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	5.16 ng/ul	579184	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86





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Sample : L1972-09
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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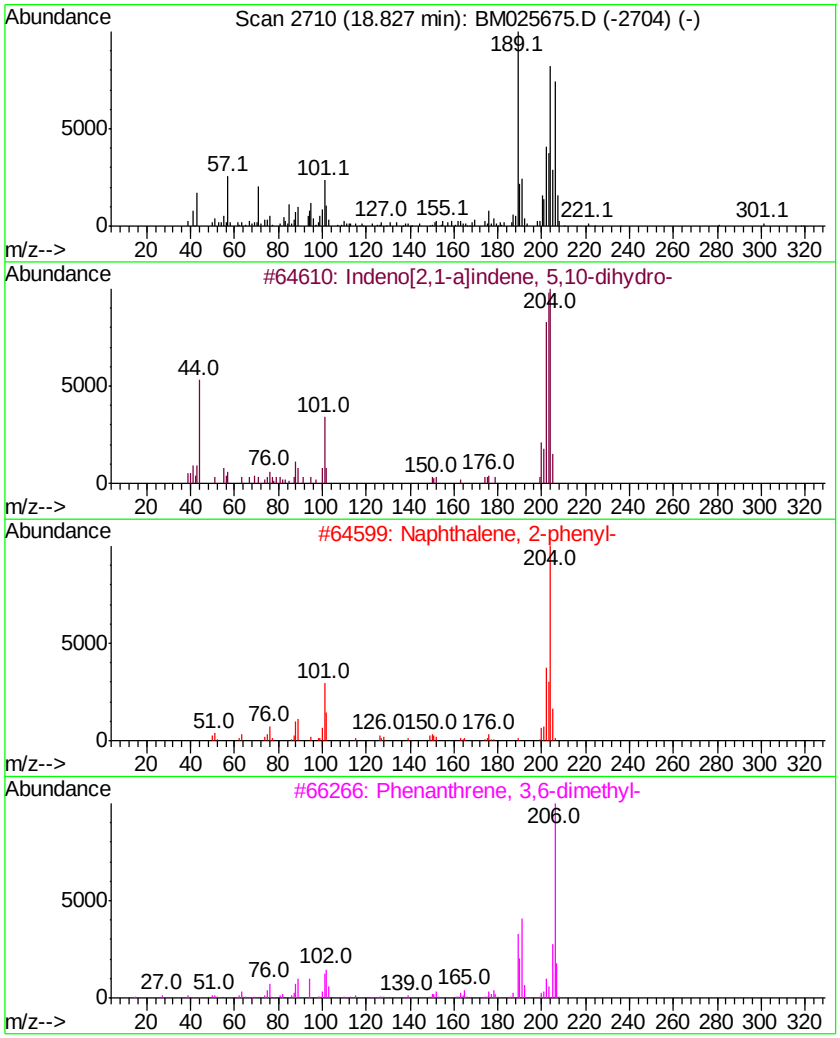
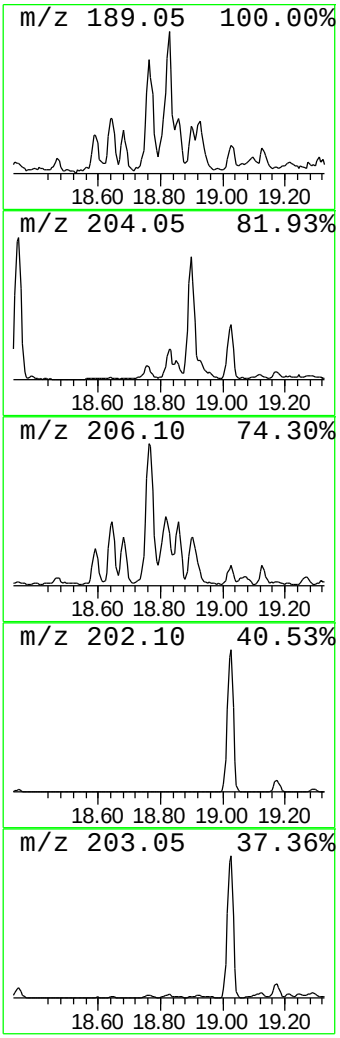
Peak Number 9 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.39 ng/ul	267840	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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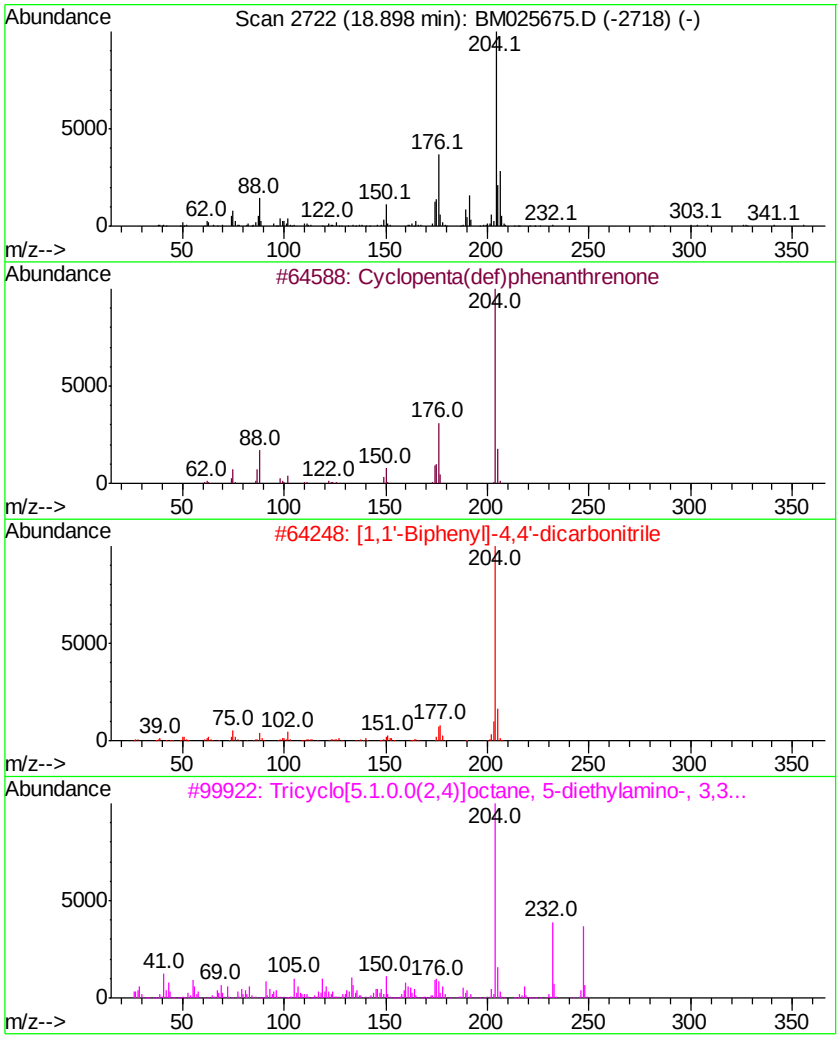
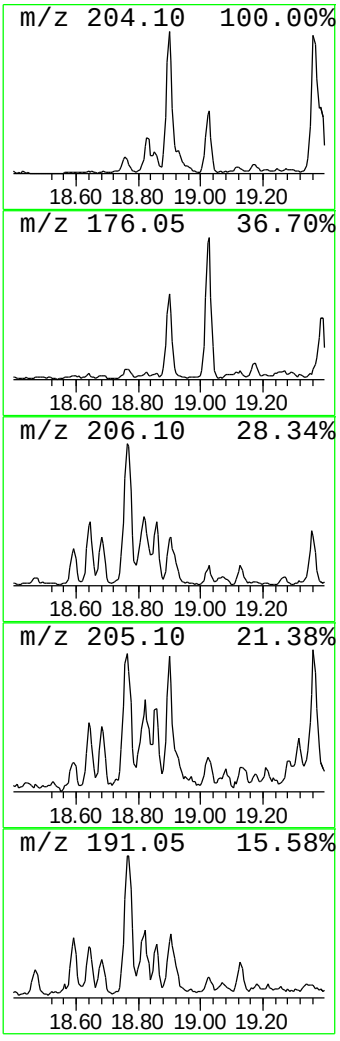
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.93 ng/ul	440857	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	53
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Quant Title : SVOA CALIBRATION

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

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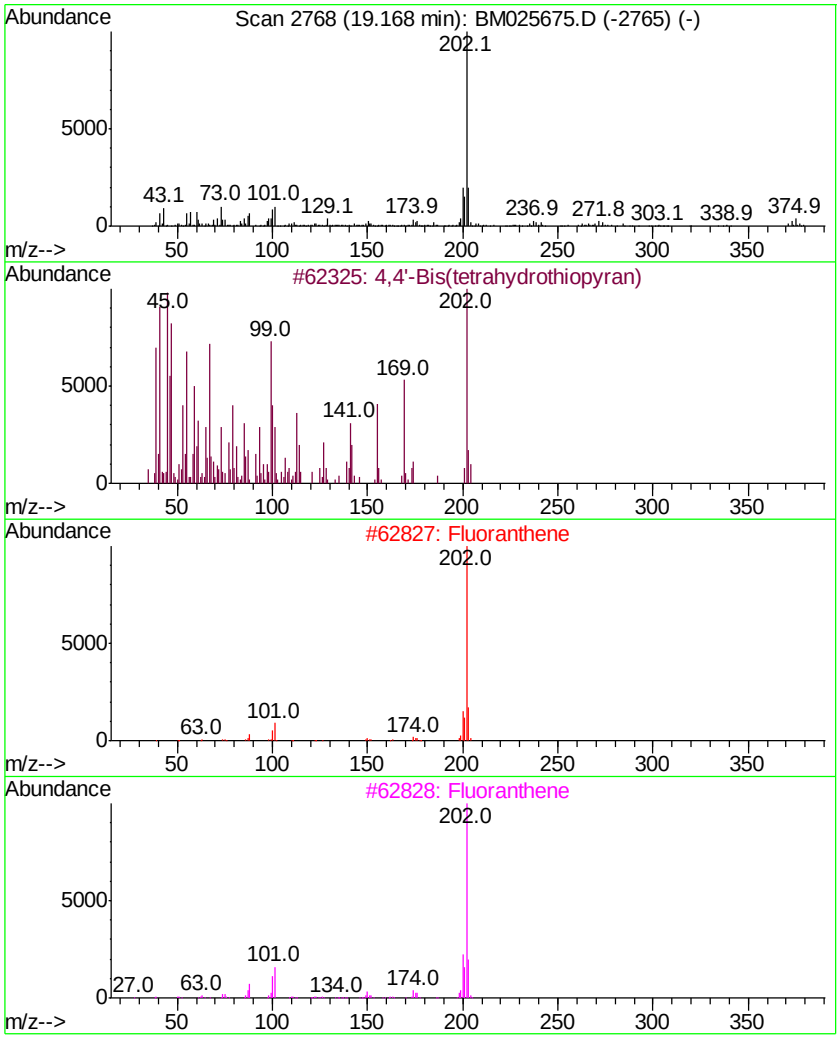
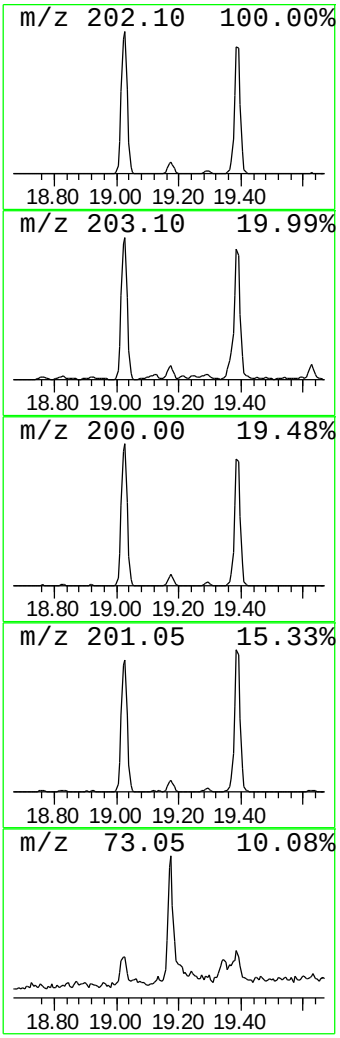
Peak Number 11 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.58 ng/ul	1005790	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	95
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Fluoranthene	202	C16H10	000206-44-0	93
4	Pyrene	202	C16H10	000129-00-0	86
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	70





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Instrument : BNA_M
ClientSampleId : B0AH9

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Quant Title : SVOA CALIBRATION

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

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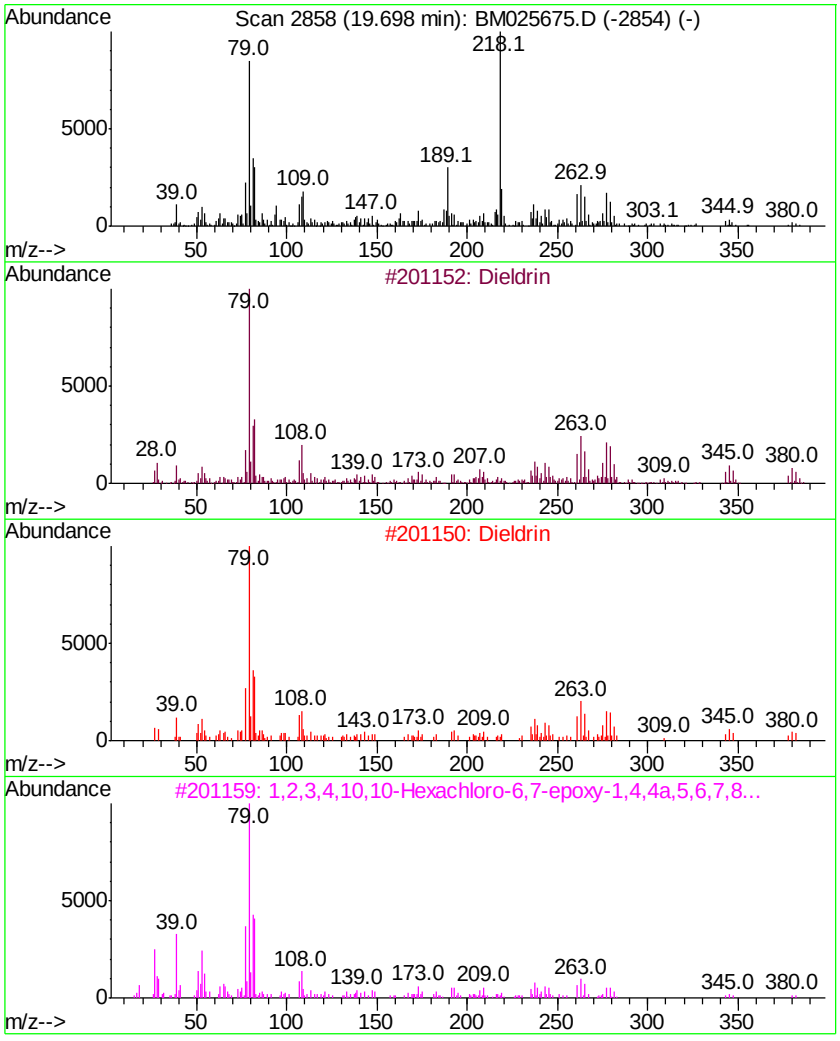
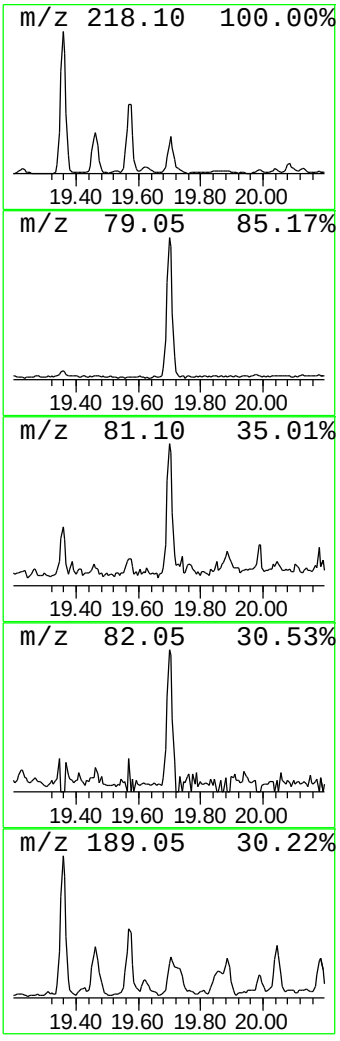
Peak Number 12 Dieldrin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.42 ng/ul	1332800	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	93
2	Dieldrin	378	C12H8Cl6O	000060-57-1	93
3	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	91
4	Dieldrin	378	C12H8Cl6O	000060-57-1	90
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	86





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Quant Title : SVOA CALIBRATION

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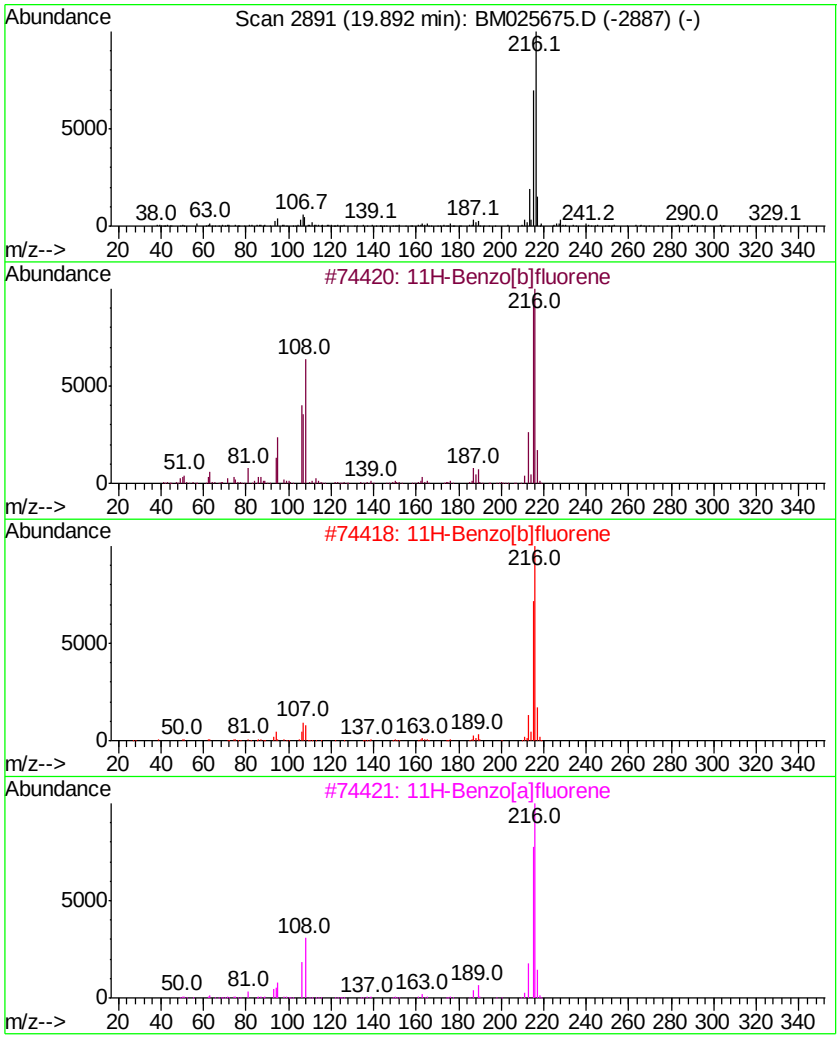
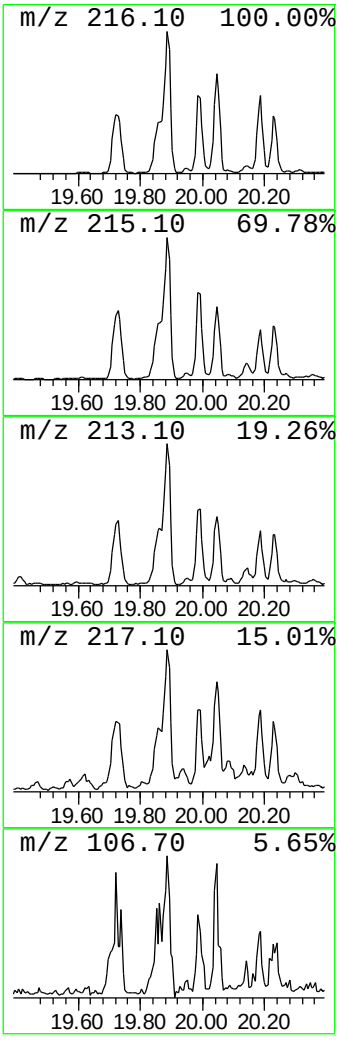
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.41 ng/ul	939973	Chrysene-d12	21.16

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





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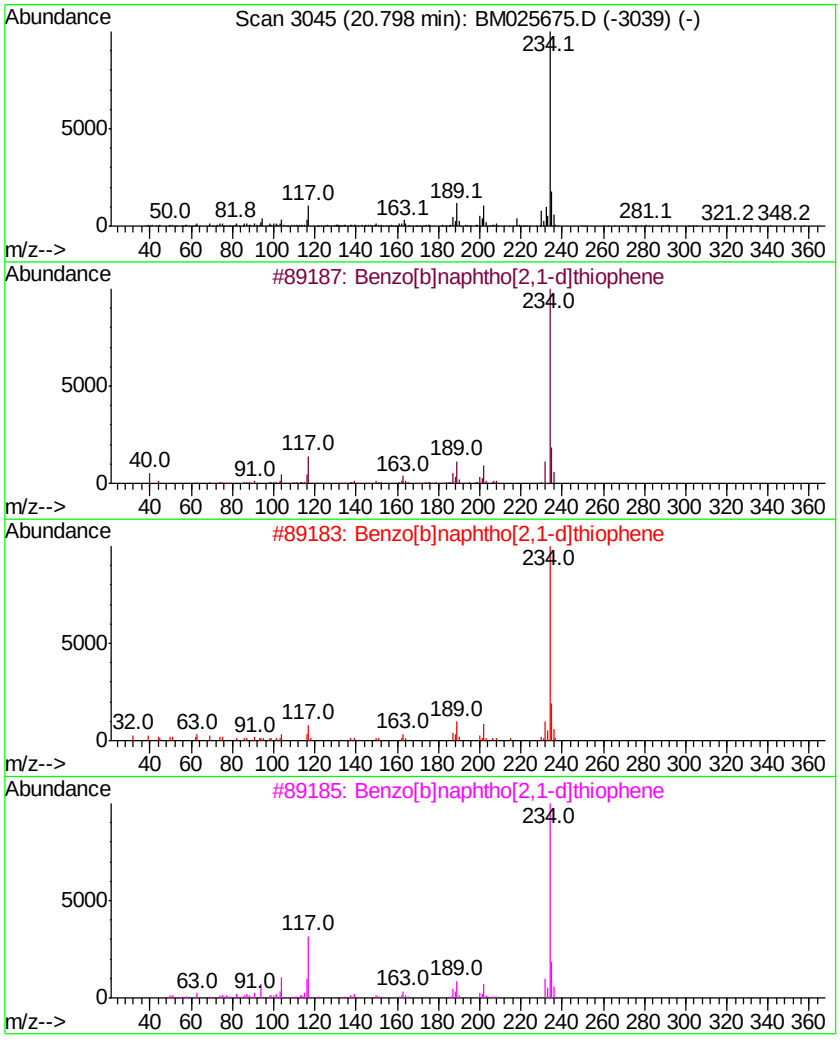
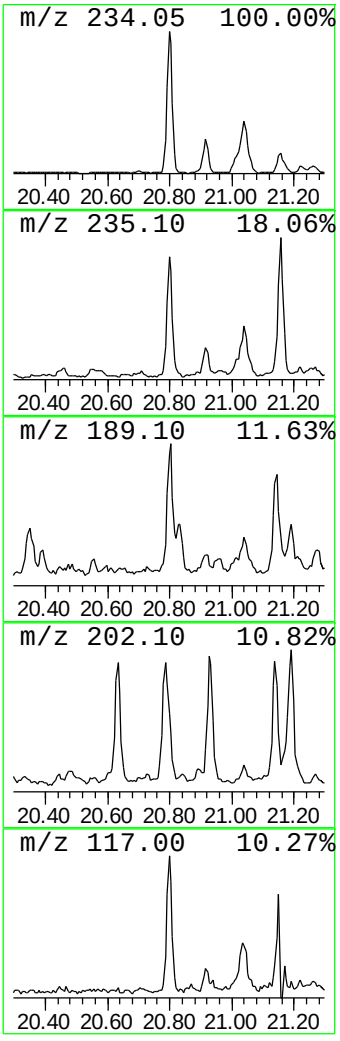
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.23 ng/ul	867368	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93





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Quant Title : SVOA CALIBRATION

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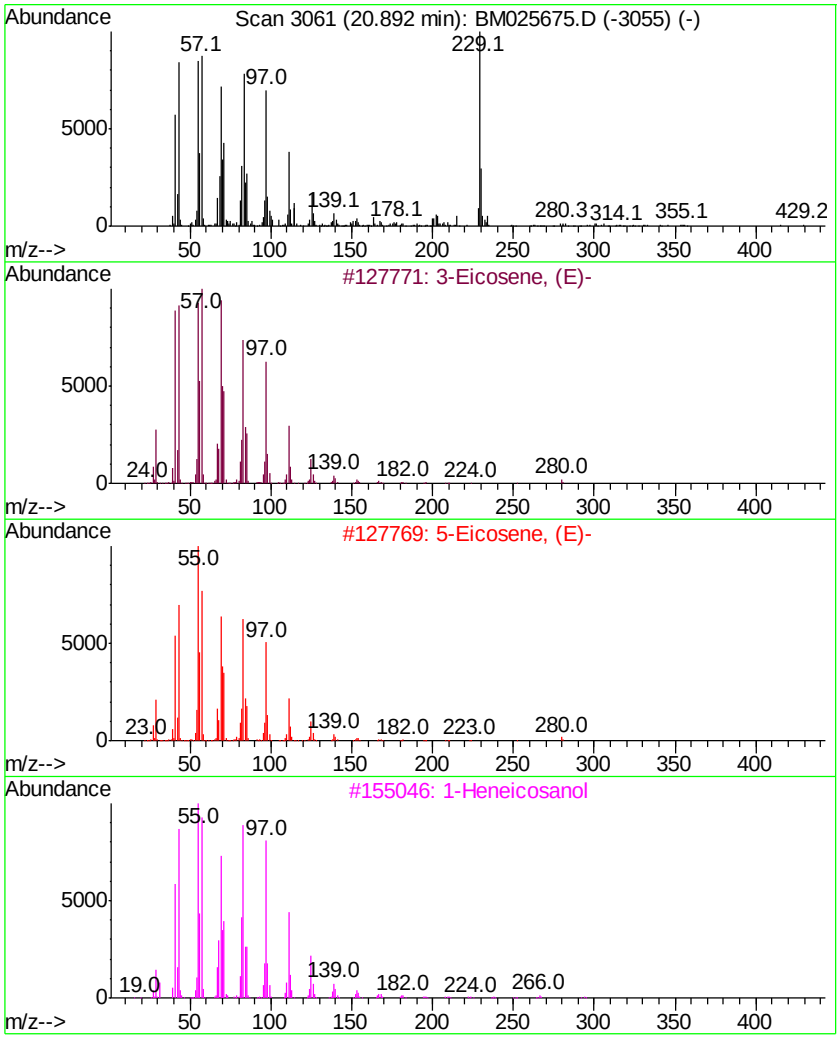
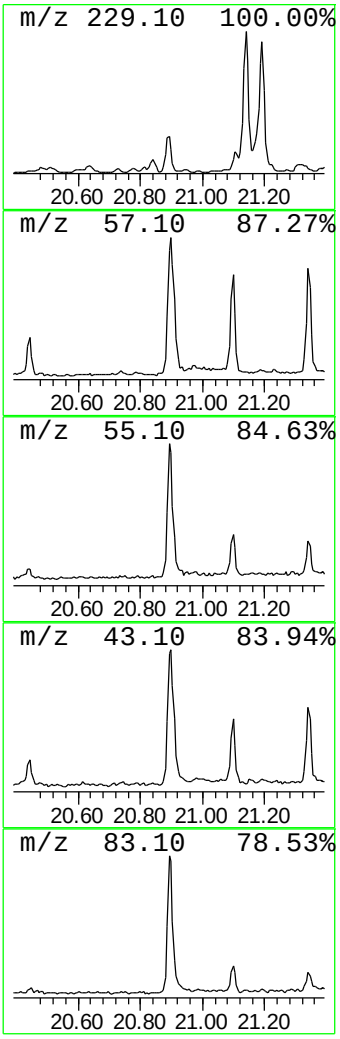
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.29 ng/ul	1670590	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	83





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Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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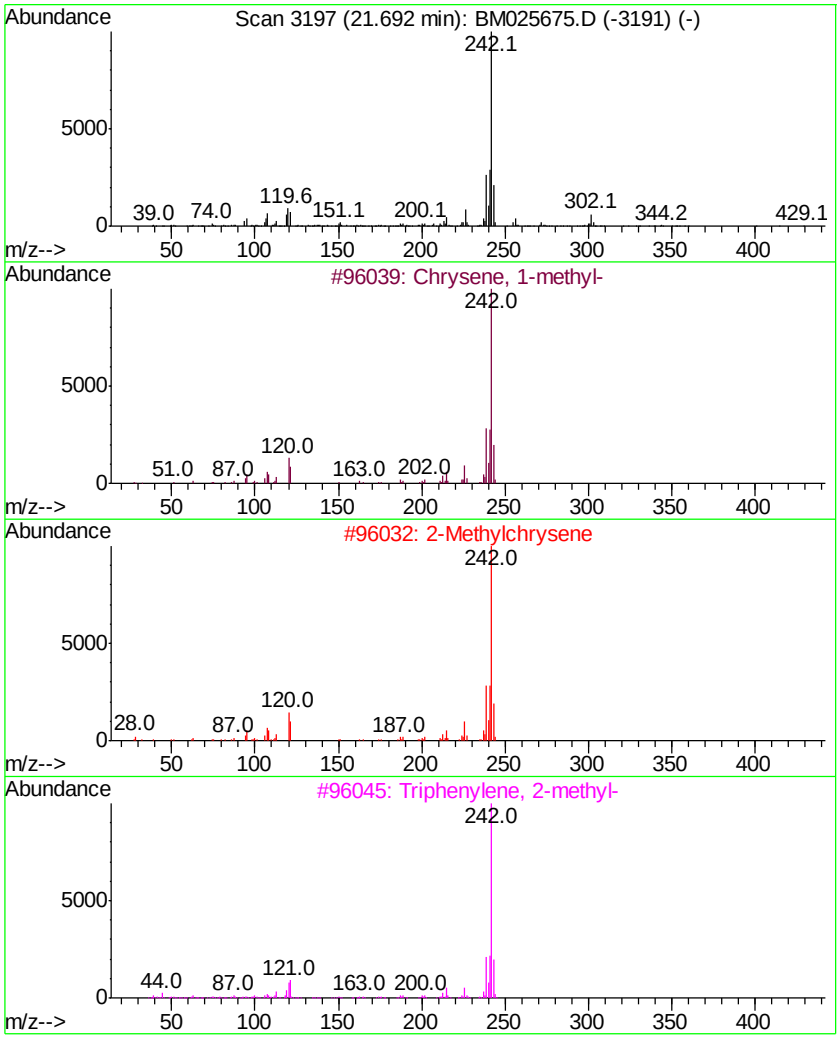
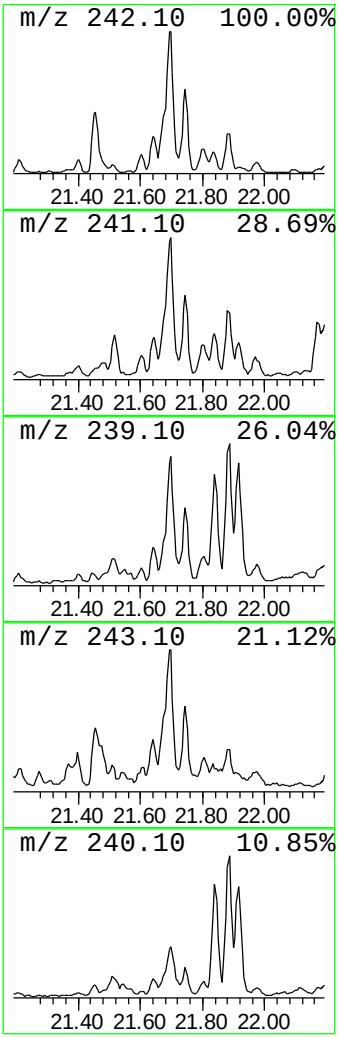
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.52 ng/ul	982108	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
2	2-Methylchrysene	242	C19H14	003351-32-4	98
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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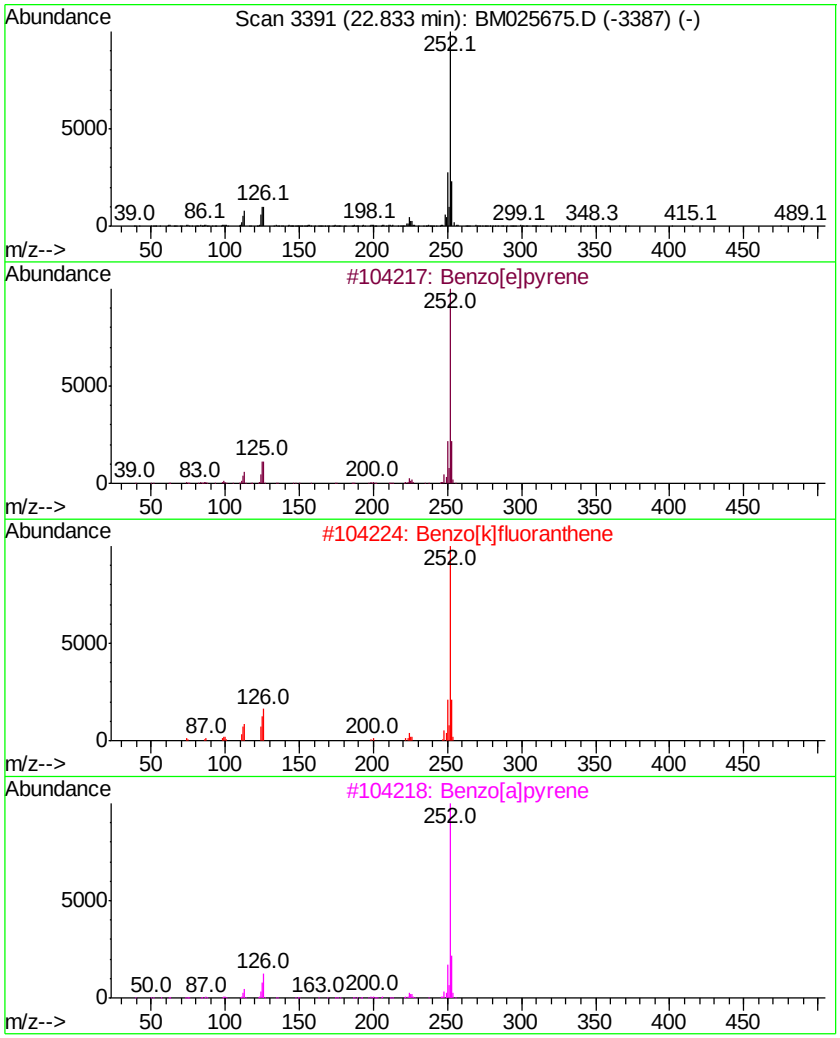
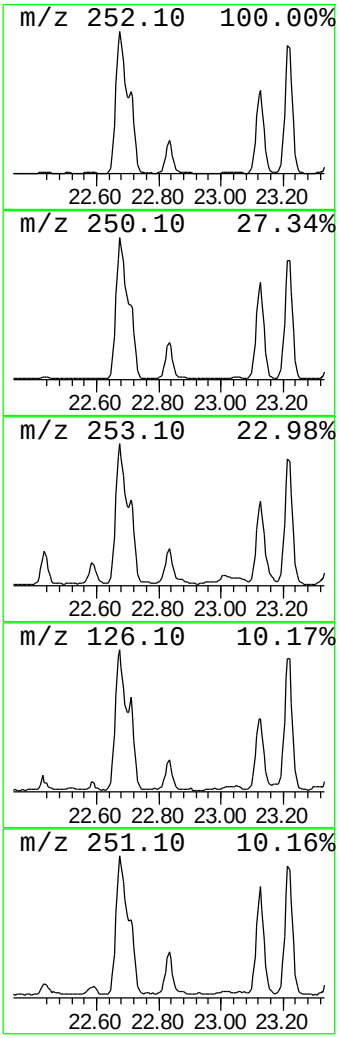
Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	7.54 ng/ul	1007860	Perylene-d12	23.31

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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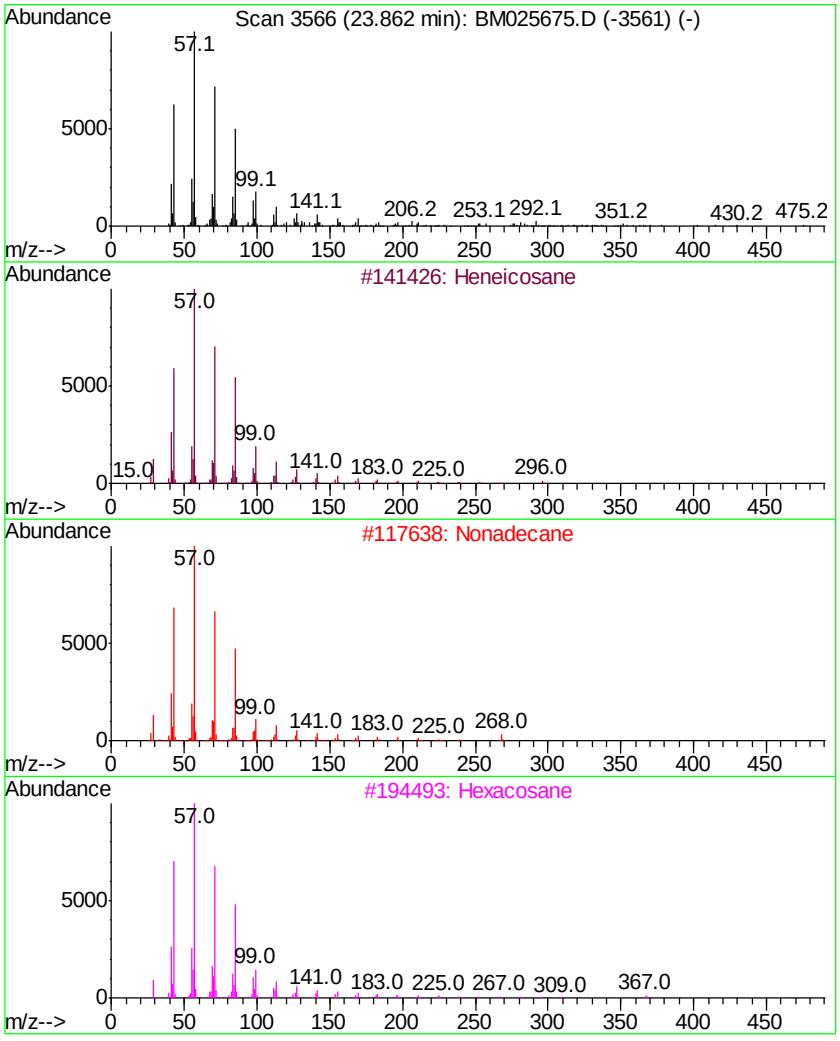
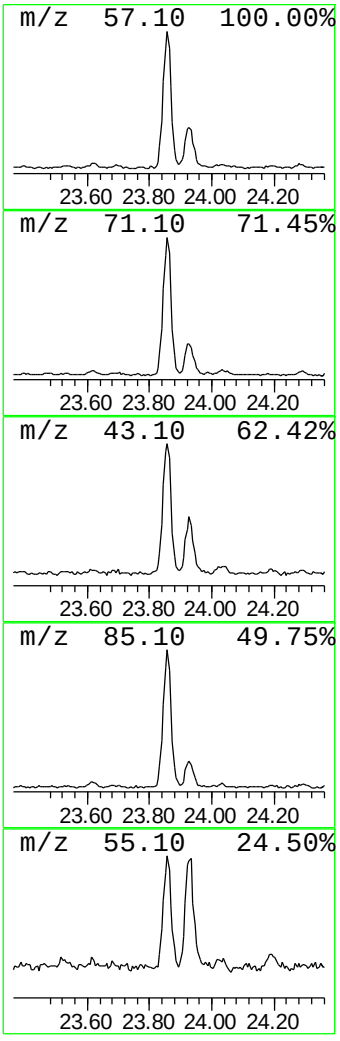
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	5.99 ng/ul	800017	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Nonadecane	268	C19H40	000629-92-5	94
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Docosane	310	C22H46	000629-97-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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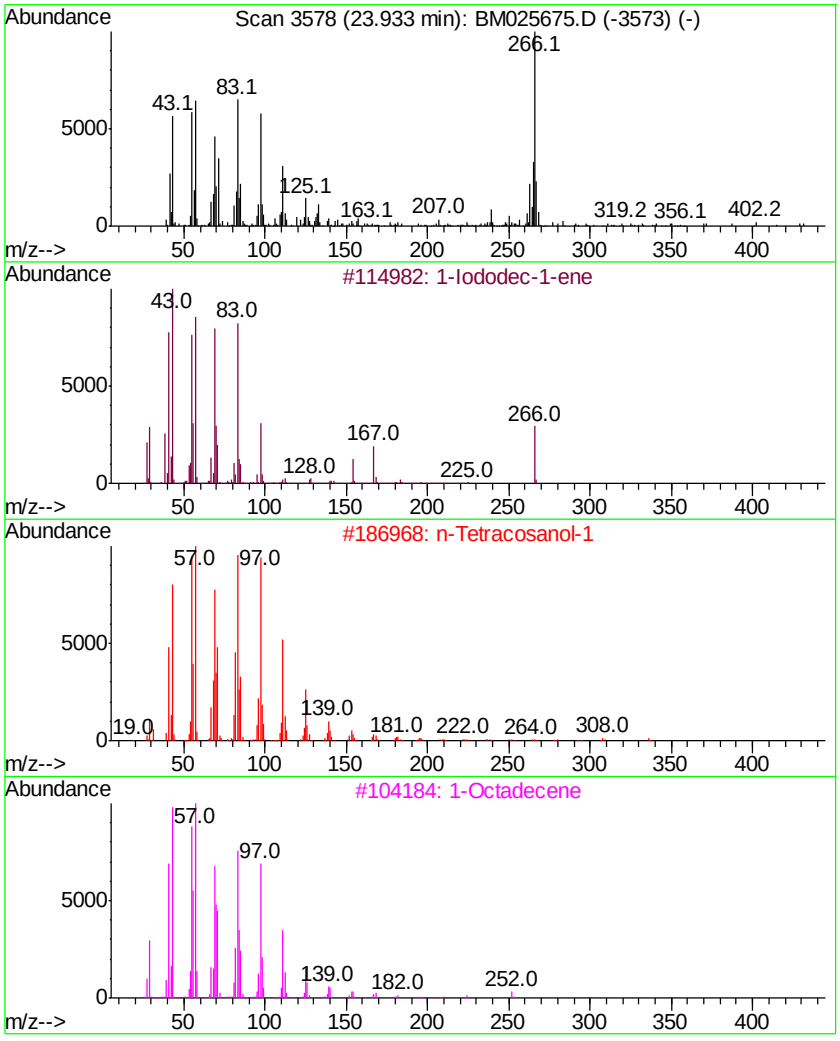
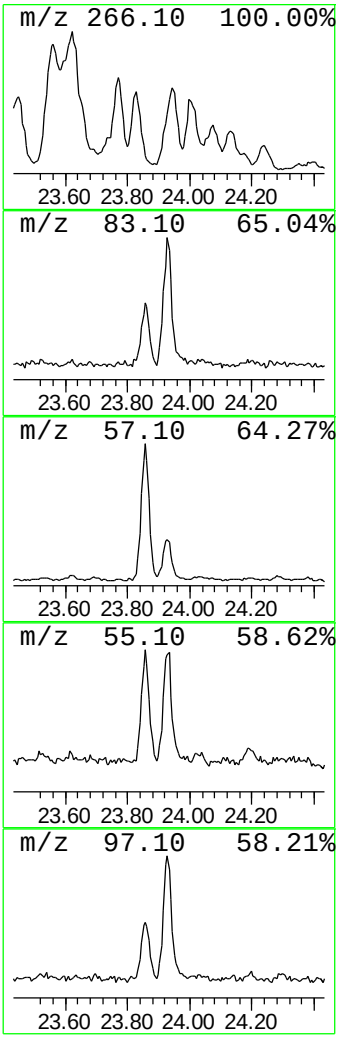
Peak Number 19 1-Iododec-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	4.40 ng/ul	587864	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iododec-1-ene	266	C10H19I	1000192-68-7	60
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	55
3	1-Octadecene	252	C18H36	000112-88-9	52
4	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	45
5	Muco-inositol tri-methaneboronate	252	C9H15B3O6	1000064-40-0	44





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
Operator : CG/JU
Sample : L1972-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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
Phenanthrene, 2-m...	17.84	4.3	ng/ul	481615	4	16.96	2243280	20.0
Anthracene, 2-met...	17.89	10.3	ng/ul	1153100	4	16.96	2243280	20.0
1H-Cyclopropa[l]p...	17.96	2.9	ng/ul	319473	4	16.96	2243280	20.0
Phenanthrene, 1-m...	18.03	7.6	ng/ul	847525	4	16.96	2243280	20.0
Phenanthrene, 4-m...	18.07	2.9	ng/ul	330105	4	16.96	2243280	20.0
Naphthalene, 2-ph...	18.34	3.1	ng/ul	343596	4	16.96	2243280	20.0
9,10-Anthracenedione	18.37	3.2	ng/ul	355878	4	16.96	2243280	20.0
Anthracene, 1,4-d...	18.76	5.2	ng/ul	579184	4	16.96	2243280	20.0
unknown-01	18.83	2.4	ng/ul	267840	4	16.96	2243280	20.0
Cyclopenta(def)ph...	18.90	3.9	ng/ul	440857	4	16.96	2243280	20.0
4,4'-Bis(tetrahyd...	19.17	2.6	ng/ul	1005790	5	21.16	7786650	20.0
Dieldrin	19.70	3.4	ng/ul	1332800	5	21.16	7786650	20.0
11H-Benzo[b]fluorene	19.89	2.4	ng/ul	939973	5	21.16	7786650	20.0
Benzo[b]naphtho[2...	20.80	2.2	ng/ul	867368	5	21.16	7786650	20.0
(DEL) Alkane: Str...	20.89	4.3	ng/ul	1670590	5	21.16	7786650	20.0
Chrysene, 1-methyl-	21.69	2.5	ng/ul	982108	5	21.16	7786650	20.0
Benzo[e]pyrene	22.83	7.5	ng/ul	1007860	6	23.31	2672720	20.0
(DEL) Alkane: Str...	23.86	6.0	ng/ul	800017	6	23.31	2672720	20.0
1-Iododec-1-ene	23.93	4.4	ng/ul	587864	6	23.31	2672720	20.0