LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020500.D
Acq On : 22 May 2019 20:22
Operator : JU/SJ
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

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-BM051619MA.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	3.669	113	116	122	rVB	32861	47178	1.28%	0.115%
2	6.857	653	658	667	rVB	93671	163214	4.43%	0.398%
3	7.022	681	686	698	rVB	78927	140354	3.81%	0.342%
4	7.210	713	718	724	rBV	109696	176515	4.79%	0.430%
5	7.675	792	797	803	rBV	256263	407197	11.05%	0.992%
6	8.392	913	919	926	rBV	110997	189139	5.13%	0.461%
7	8.851	991	997	1008	rBV	90630	160172	4.35%	0.390%
8	9.563	1112	1118	1131	rVB2	79251	137438	3.73%	0.335%
9	10.098	1203	1209	1221	rVB	122881	215217	5.84%	0.524%
10	10.469	1266	1272	1278	rVV	353251	586610	15.92%	1.429%
11	10.522	1278	1281	1289	rVB	20584	32859	0.89%	0.080%
12	10.628	1291	1299	1312	rVB	41209	88538	2.40%	0.216%
13	12.139	1551	1556	1566	rVB	16652	27683	0.75%	0.067%
14	13.657	1807	1814	1818	rVV	28196	45394	1.23%	0.111%
15	13.751	1825	1830	1834	rVV	230634	326134	8.85%	0.794%
16	13.798	1834	1838	1849	rVB2	90853	134328	3.65%	0.327%
17	14.033	1871	1878	1880	rBV	257647	381530	10.36%	0.929%
18	14.063	1880	1883	1892	rVV	192102	296730	8.06%	0.723%
19	14.216	1901	1909	1916	rVV5	18787	38653	1.05%	0.094%
20	14.339	1922	1930	1937	rBV2	550510	816588	22.17%	1.989%
21	14.404	1937	1941	1947	rVB3	16925	27673	0.75%	0.067%
22	14.574	1960	1970	1976	rBV2	43770	94289	2.56%	0.230%
23	14.739	1990	1998	2005	rBV2	40691	68130	1.85%	0.166%
24	14.810	2006	2010	2017	rVB	22807	29627	0.80%	0.072%
25	14.951	2027	2034	2040	rBV4	24139	48569	1.32%	0.118%
26	15.116	2057	2062	2067	rBV6	15401	34700	0.94%	0.085%
27	15.216	2074	2079	2084	rVB2	21656	32364	0.88%	0.079%
28	15.333	2091	2099	2104	rBV	348841	504753	13.70%	1.229%
29	15.392	2104	2109	2120	rVB4	42571	100014	2.71%	0.244%
30	15.480	2120	2124	2132	rBV2	65430	104985	2.85%	0.256%
31	15.680	2154	2158	2165	rBV	34650	49208	1.34%	0.120%
32	15.827	2179	2183	2191	rVB3	35121	65786	1.79%	0.160%
33	16.063	2215	2223	2233	rVB8	29474	79698	2.16%	0.194%
34	16.398	2271	2280	2284	rBV7	31560	66160	1.80%	0.161%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

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-BM051619MA.M
Title : SVOA CALIBRATION

35	16.621	2310	2318	2321	rBV2	39895	70924	1.93%	0.173%
36	16.663	2321	2325	2329	rVV4	27478	34177	0.93%	0.083%
37	16.751	2335	2340	2346	rVB2	67589	104688	2.84%	0.255%
38	16.821	2346	2352	2357	rVV5	38343	74486	2.02%	0.181%
39	16.910	2364	2367	2374	rVB	49019	74236	2.02%	0.181%
40	17.092	2392	2398	2402	rBV2	739668	1071251	29.08%	2.609%
41	17.133	2402	2405	2410	rVV	909912	1198893	32.55%	2.920%
42	17.192	2410	2415	2418	rVV	373436	520309	14.12%	1.267%
43	17.227	2418	2421	2425	rVV	239411	318332	8.64%	0.775%
44	17.410	2449	2452	2458	rVB3	20717	32245	0.88%	0.079%
45	17.510	2460	2469	2475	rBV3	48286	121947	3.31%	0.297%
46	17.568	2475	2479	2482	rVV6	24118	35164	0.95%	0.086%
47	17.610	2482	2486	2490	rVV	41488	55514	1.51%	0.135%
48	17.674	2492	2497	2504	rVB4	62015	105173	2.86%	0.256%
49	17.815	2517	2521	2530	rVB3	29908	62288	1.69%	0.152%
50	17.886	2530	2533	2538	rBV3	28040	42729	1.16%	0.104%
51	17.968	2542	2547	2551	rBV	238915	367954	9.99%	0.896%
52	18.015	2551	2555	2560	rVB	297802	402222	10.92%	0.980%
53	18.098	2564	2569	2574	rVB	101428	137741	3.74%	0.335%
54	18.162	2574	2580	2584	rBV3	269473	542824	14.74%	1.322%
55	18.198	2584	2586	2593	rVB	177897	221167	6.00%	0.539%
56	18.280	2593	2600	2604	rBV6	28787	56297	1.53%	0.137%
57	18.362	2610	2614	2618	rVB4	31324	46159	1.25%	0.112%
58	18.468	2627	2632	2637	rVV	151301	225687	6.13%	0.550%
59	18.527	2637	2642	2648	rVB	117354	176096	4.78%	0.429%
60	18.686	2665	2669	2671	rBV4	29979	37637	1.02%	0.092%
61	18.715	2671	2674	2679	rVV3	57456	101861	2.77%	0.248%
62	18.768	2679	2683	2686	rVV	76698	105779	2.87%	0.258%
63	18.809	2686	2690	2693	rVB2	58237	78727	2.14%	0.192%
64	18.886	2698	2703	2708	rBV	199499	349607	9.49%	0.851%
65	18.951	2708	2714	2717	rVV4	78506	178391	4.84%	0.434%
66	18.980	2717	2719	2723	rVB	76789	87367	2.37%	0.213%
67	19.039	2723	2729	2741	rBV2	196845	375343	10.19%	0.914%
68	19.156	2743	2749	2755	rBV	2355891	3209797	87.13%	7.817%
69	19.221	2755	2760	2763	rBV2	63630	84849	2.30%	0.207%
70	19.256	2763	2766	2771	rVB2	78034	96786	2.63%	0.236%
71	19.309	2771	2775	2779	rBV	164316	226194	6.14%	0.551%

LSC Area Percent Report

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Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

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-BM051619MA.M
Title : SVOA CALIBRATION

72	19.368	2779	2785	2786	rBV3	40828	67728	1.84%	0.165%
73	19.404	2788	2791	2793	rVV	35882	37785	1.03%	0.092%
74	19.492	2801	2806	2808	rBV2	753512	1082211	29.38%	2.636%
75	19.527	2808	2812	2819	rVV	2077886	2882617	78.25%	7.021%
76	19.592	2819	2823	2829	rVB3	164825	242461	6.58%	0.591%
77	19.703	2838	2842	2847	rVB	137655	185212	5.03%	0.451%
78	19.762	2847	2852	2859	rVB3	71191	142023	3.86%	0.346%
79	19.845	2861	2866	2874	rBV4	214938	544446	14.78%	1.326%
80	19.986	2884	2890	2892	rBV4	197793	369696	10.04%	0.900%
81	20.015	2892	2895	2900	rVB	302534	436573	11.85%	1.063%
82	20.121	2909	2913	2916	rBV	124833	163927	4.45%	0.399%
83	20.174	2916	2922	2927	rVV3	276791	494644	13.43%	1.205%
84	20.315	2943	2946	2950	rBV	196567	245292	6.66%	0.597%
85	20.362	2950	2954	2958	rVV	185235	249965	6.79%	0.609%
86	20.774	3019	3024	3029	rBV	380921	528598	14.35%	1.287%
87	20.933	3047	3051	3054	rBV2	206217	312046	8.47%	0.760%
88	20.974	3055	3058	3062	rVV2	283650	406106	11.02%	0.989%
89	21.015	3062	3065	3069	rVV2	195773	326035	8.85%	0.794%
90	21.068	3071	3074	3084	rVB	360037	526393	14.29%	1.282%
91	21.280	3104	3110	3115	rBV2	1780933	3683761	100.00%	8.972%
92	21.327	3115	3118	3128	rVB	1335715	1726299	46.86%	4.204%
93	21.497	3144	3147	3152	rBV3	179526	294356	7.99%	0.717%
94	21.839	3202	3205	3208	rVB	303050	348611	9.46%	0.849%
95	22.868	3374	3380	3385	rBV	1289212	2880889	78.21%	7.016%
96	23.039	3405	3409	3416	rVB	293244	459106	12.46%	1.118%
97	23.350	3457	3462	3467	rBV	639470	1172876	31.84%	2.857%
98	23.450	3474	3479	3486	rVB	1069258	1903000	51.66%	4.635%
99	23.544	3490	3495	3500	rBV	616359	1084292	29.43%	2.641%
100	25.833	3879	3884	3896	rVB	582853	1513921	41.10%	3.687%

Sum of corrected areas: 41059137

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
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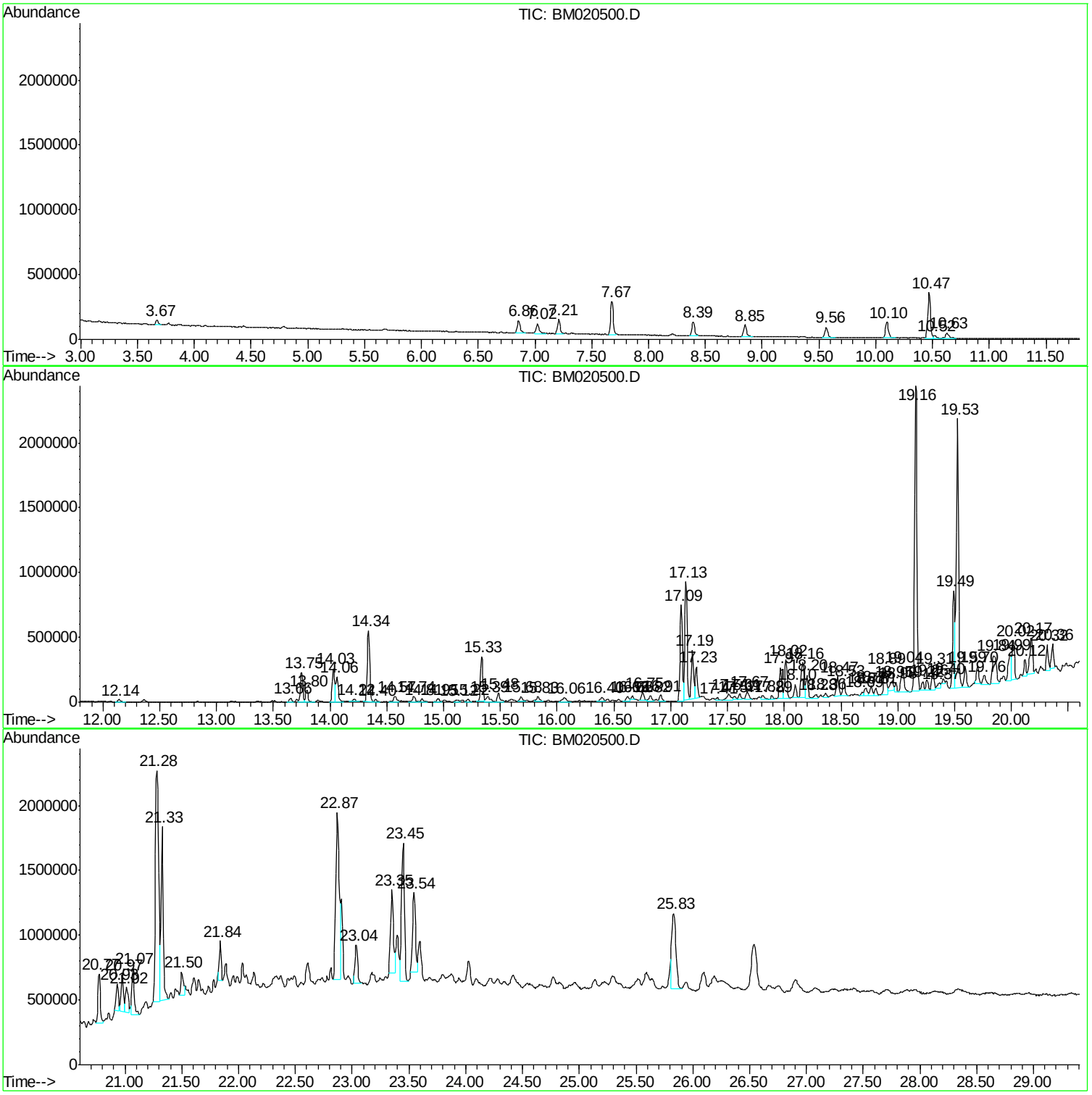
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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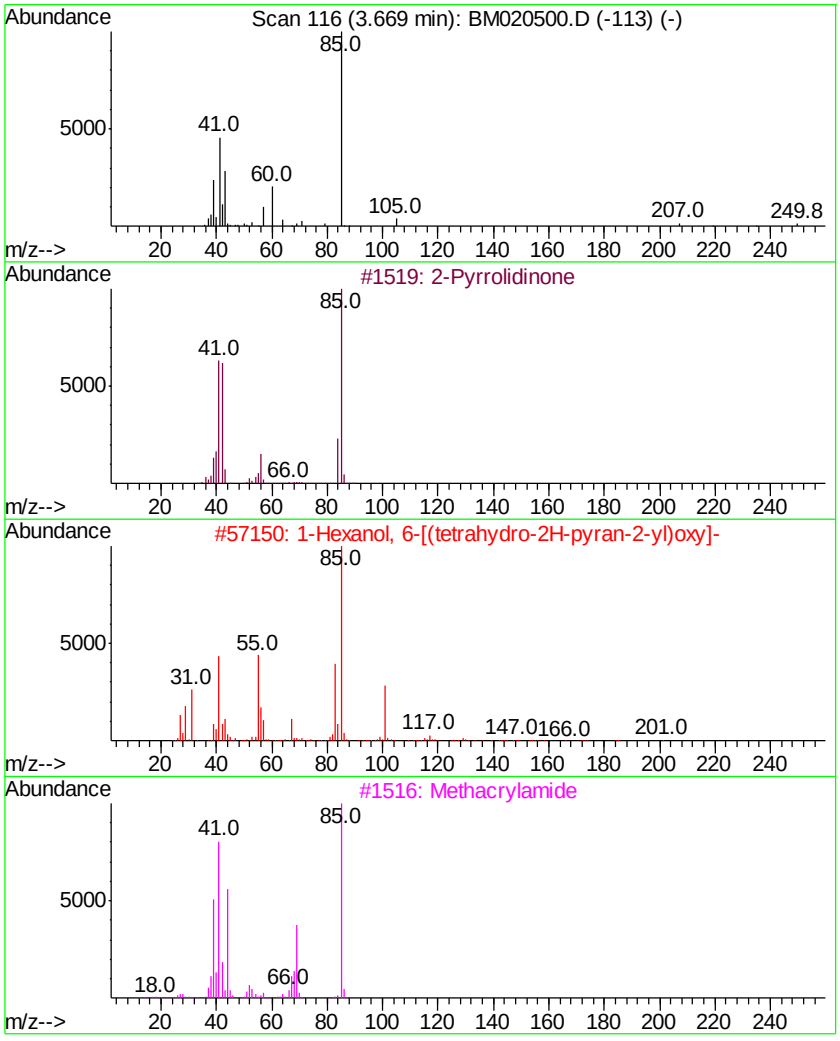
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

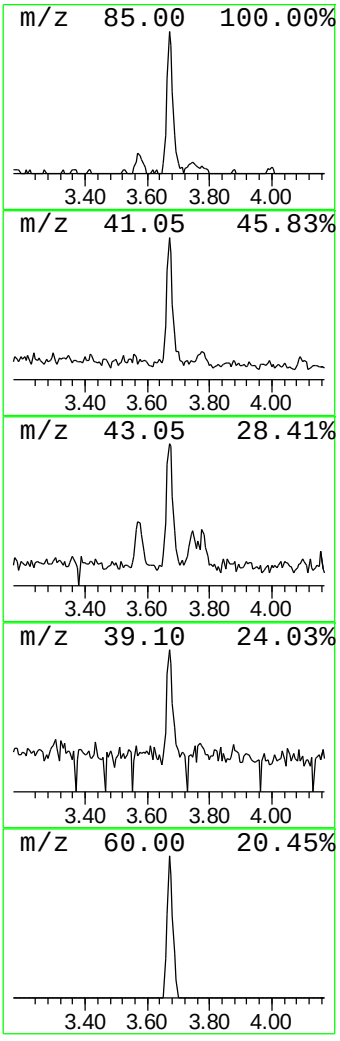
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.67	2.32 ng/ul	47178	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
2	1-Hexanol, 6-[(tetrahydro-2H-pyr...	202	C11H22O3	028659-22-5	9
3	Methacrylamide	85	C4H7NO	000079-39-0	9
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	5
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020500.D
Acq On : 22 May 2019 20:22
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Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

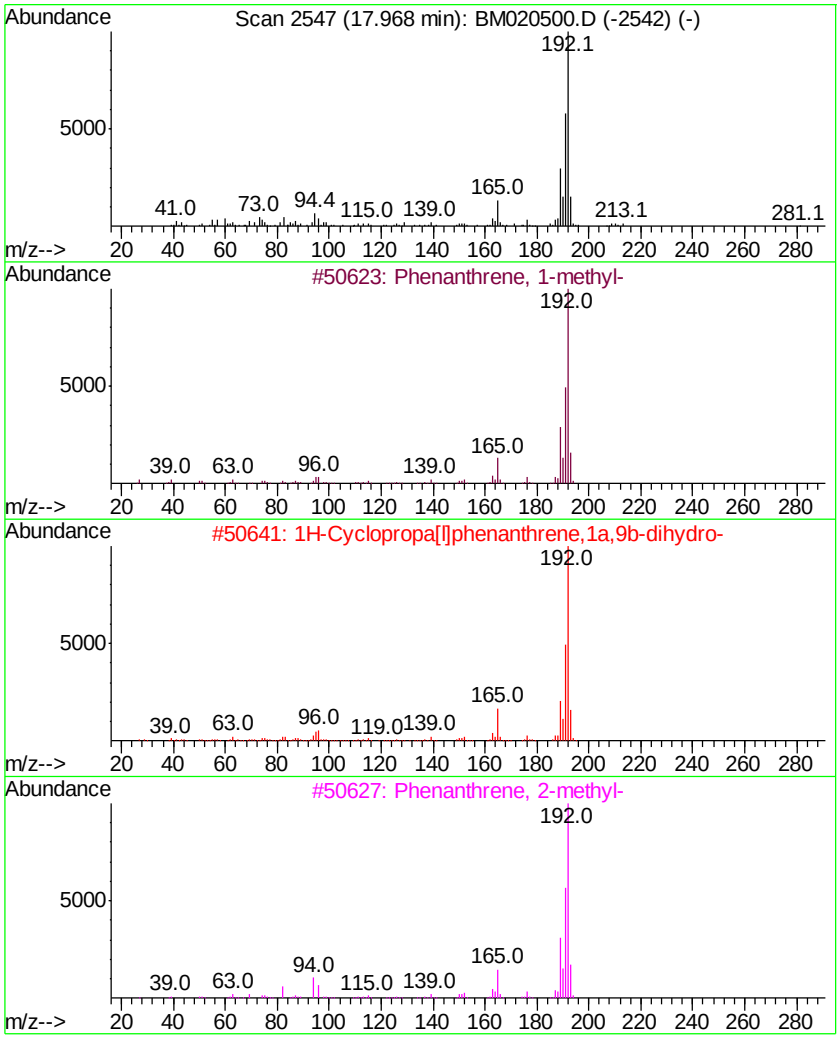
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

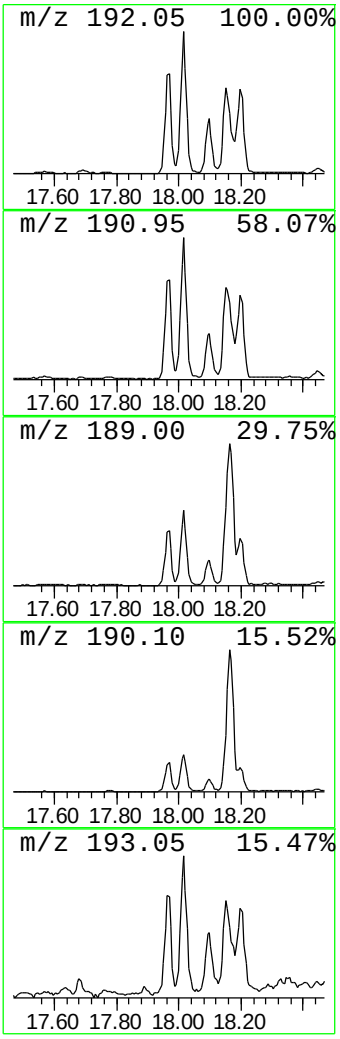
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.87 ng/ul	367954	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	95





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Instrument : BNA_M
ClientSampleId : A4290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

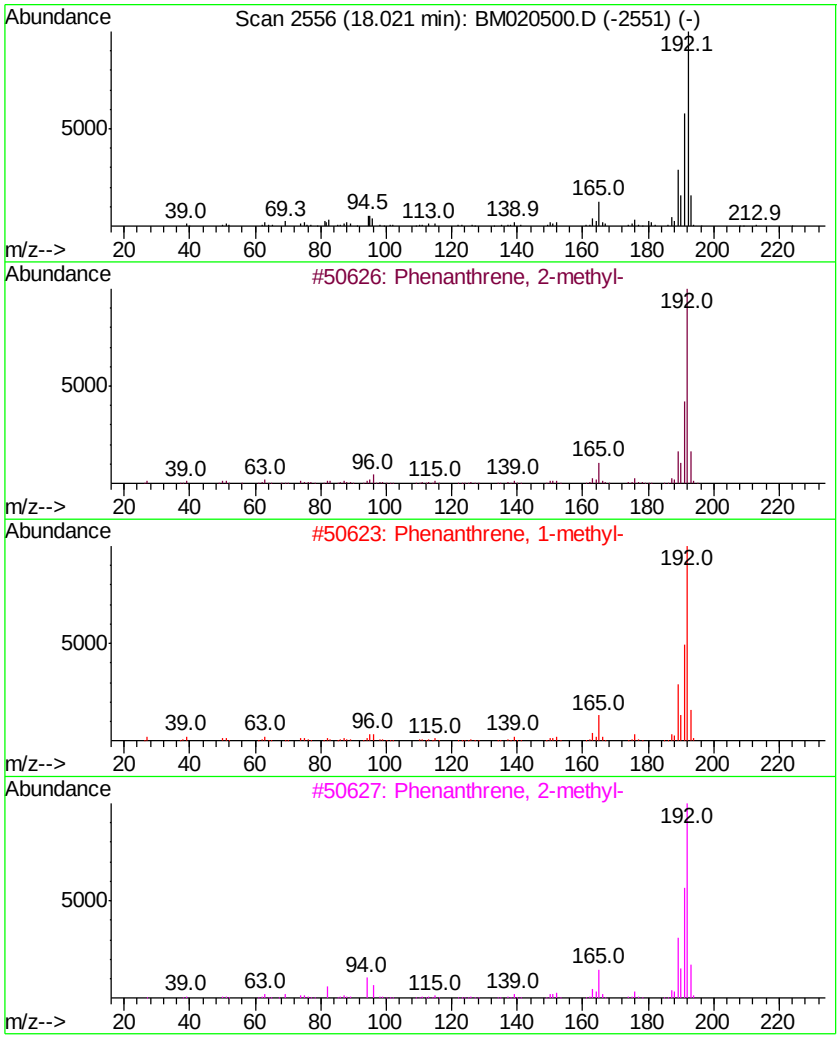
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

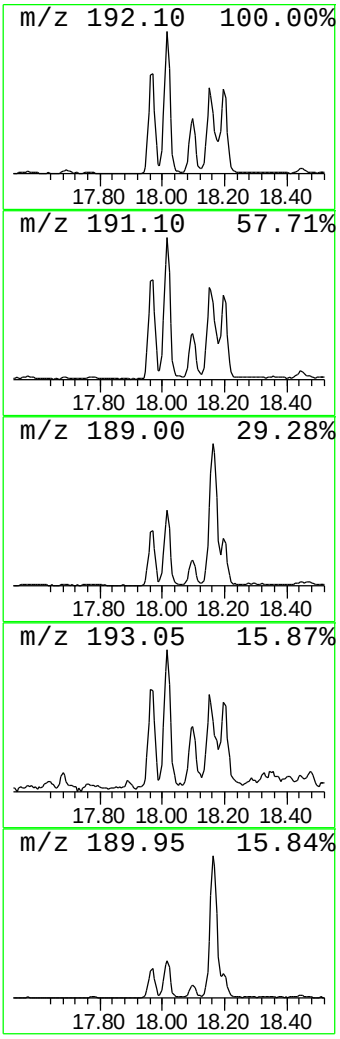
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	7.51 ng/ul	402222	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Library Search Compound Report

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Acq On : 22 May 2019 20:22
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

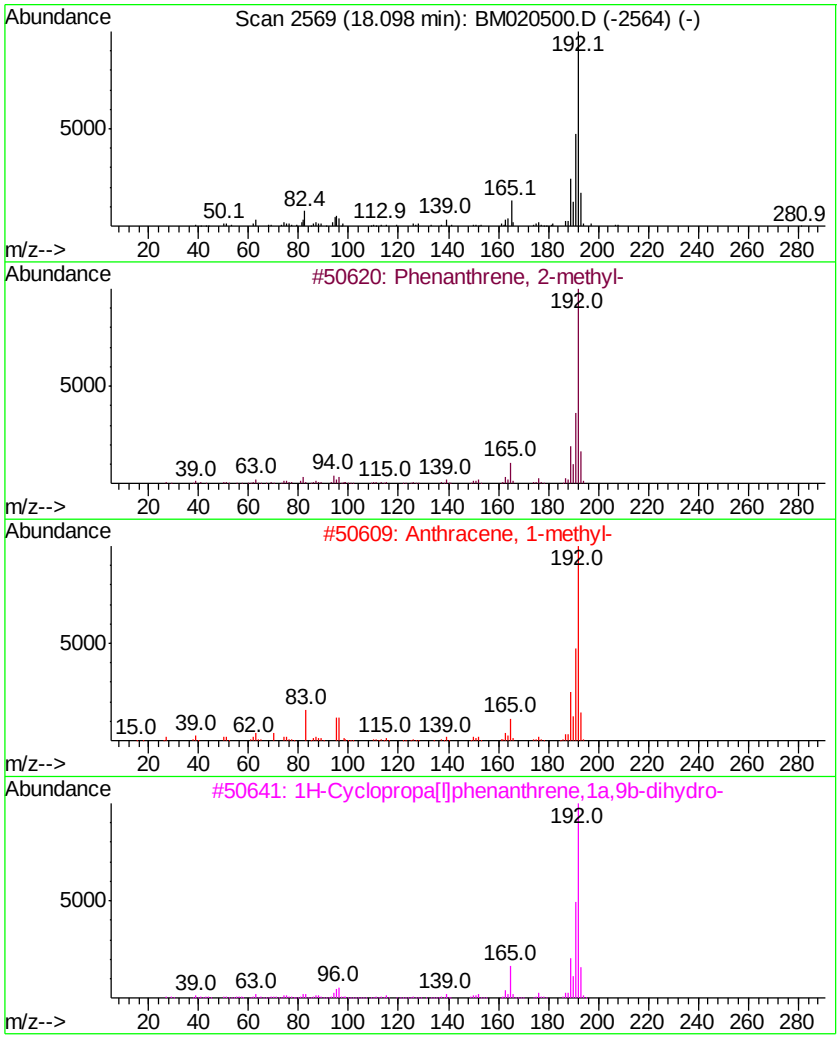
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

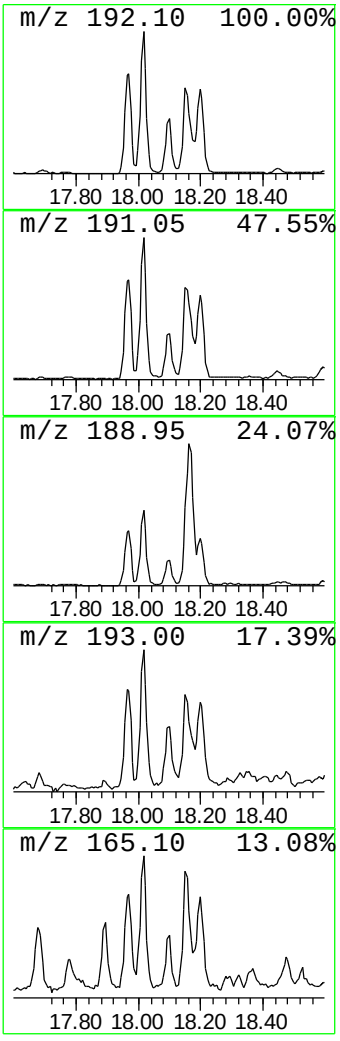
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.57 ng/ul	137741	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Library Search Compound Report

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Data File : BM020500.D
Acq On : 22 May 2019 20:22
Operator : JU/SJ
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

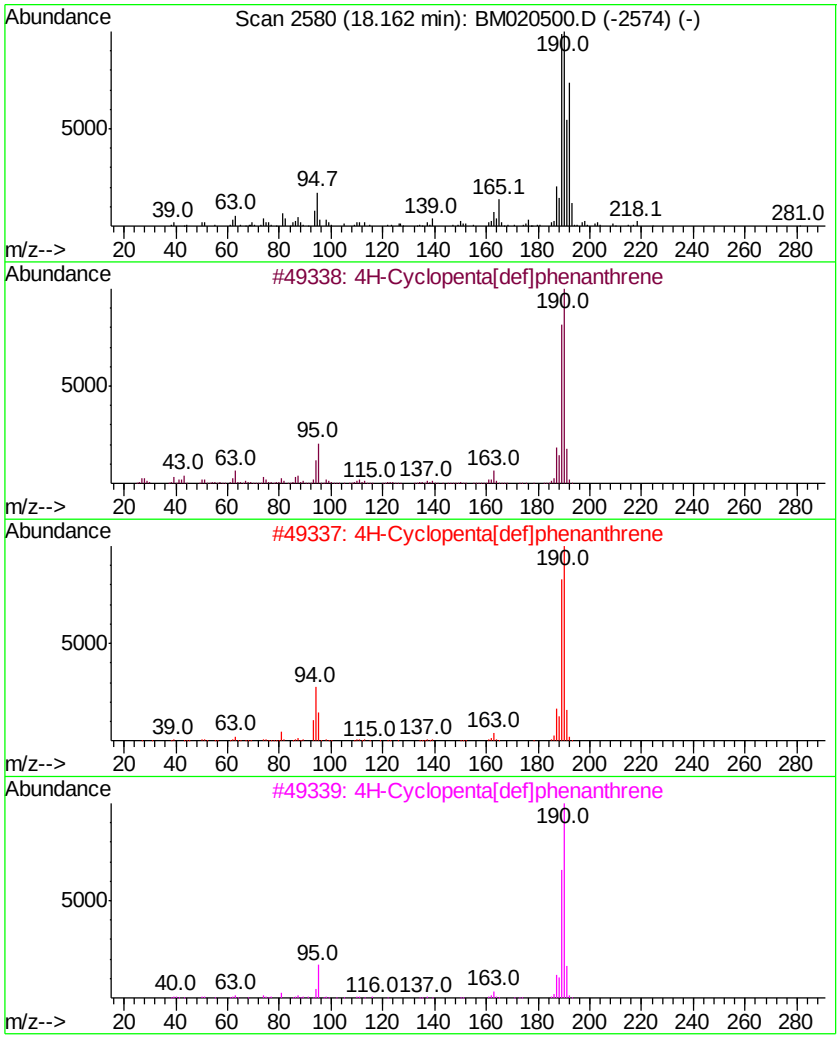
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

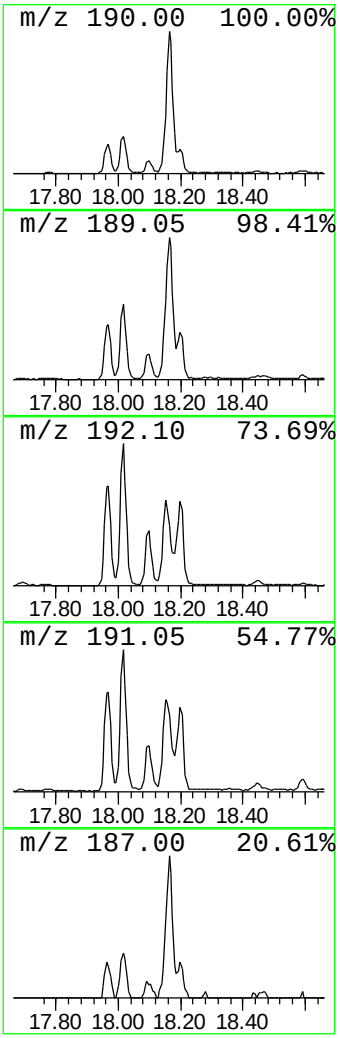
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	10.13 ng/ul	542824	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46





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Acq On : 22 May 2019 20:22
Operator : JU/SJ
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

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Quant Title : SVOA CALIBRATION

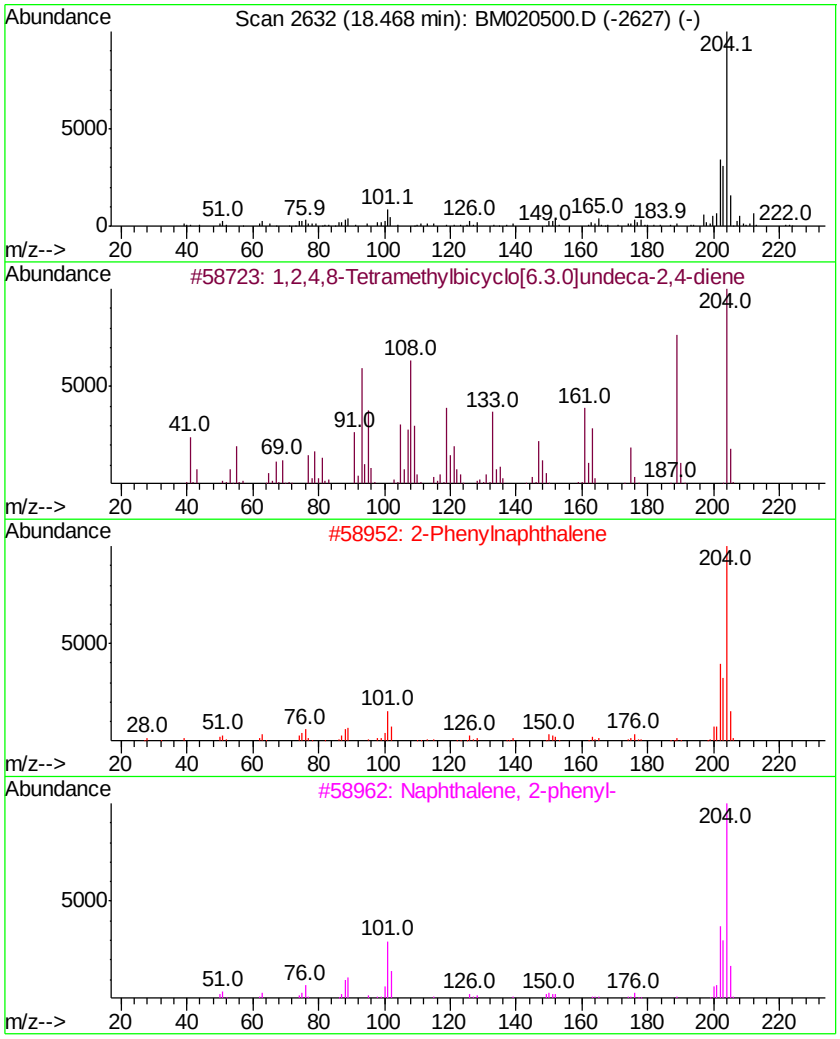
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

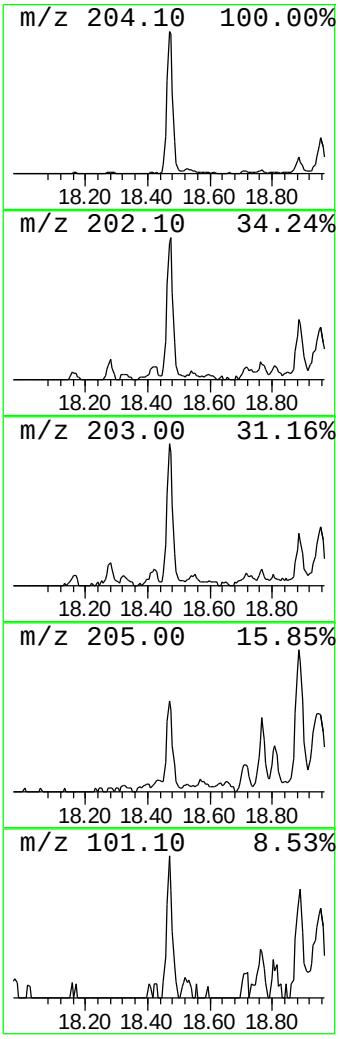
****

Peak Number 7 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.21 ng/ul	225687	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

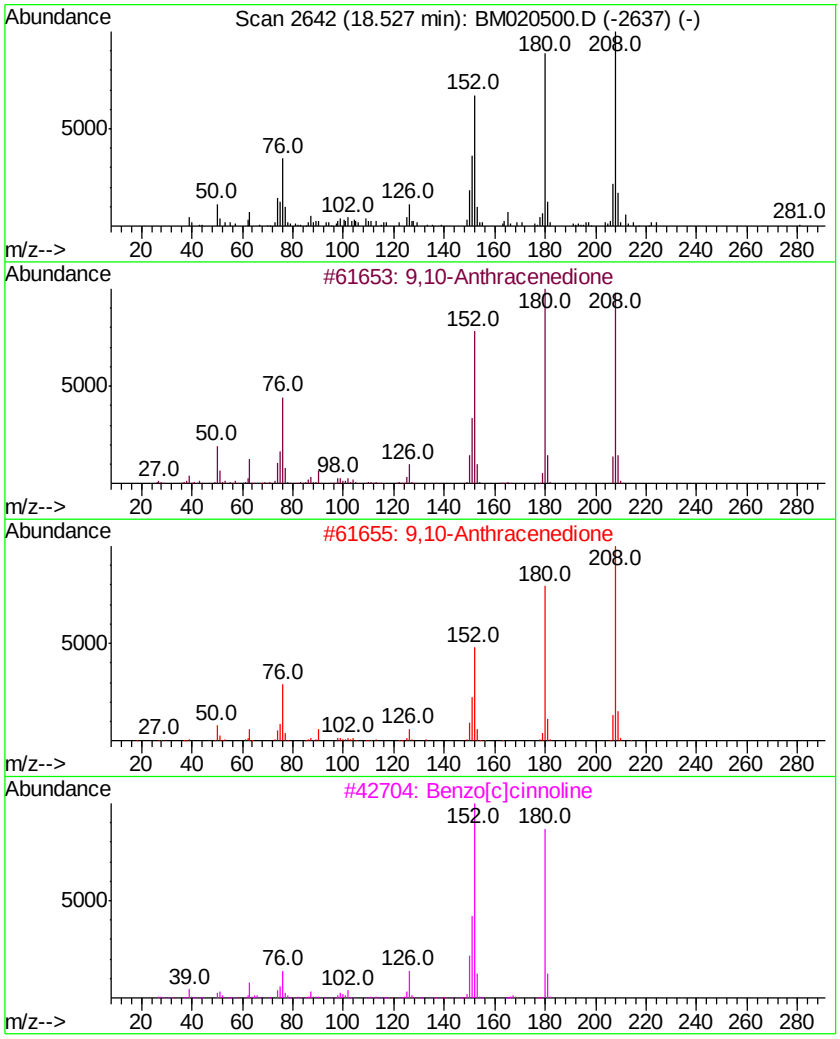
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

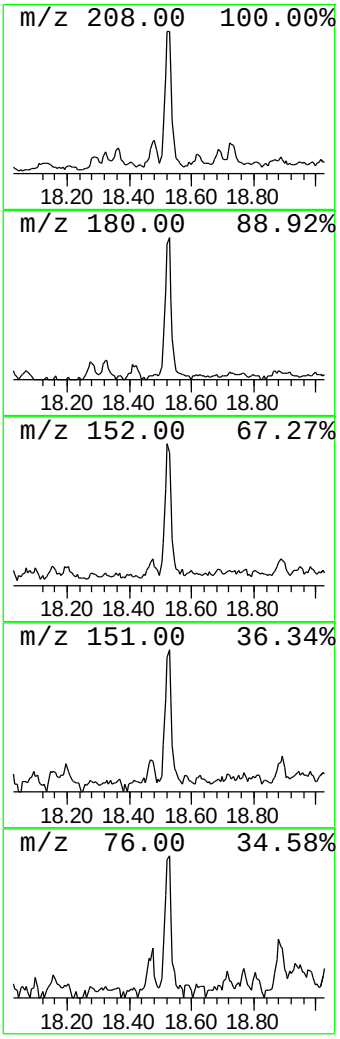
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	3.29 ng/ul	176096	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





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ClientSampleId : A4290

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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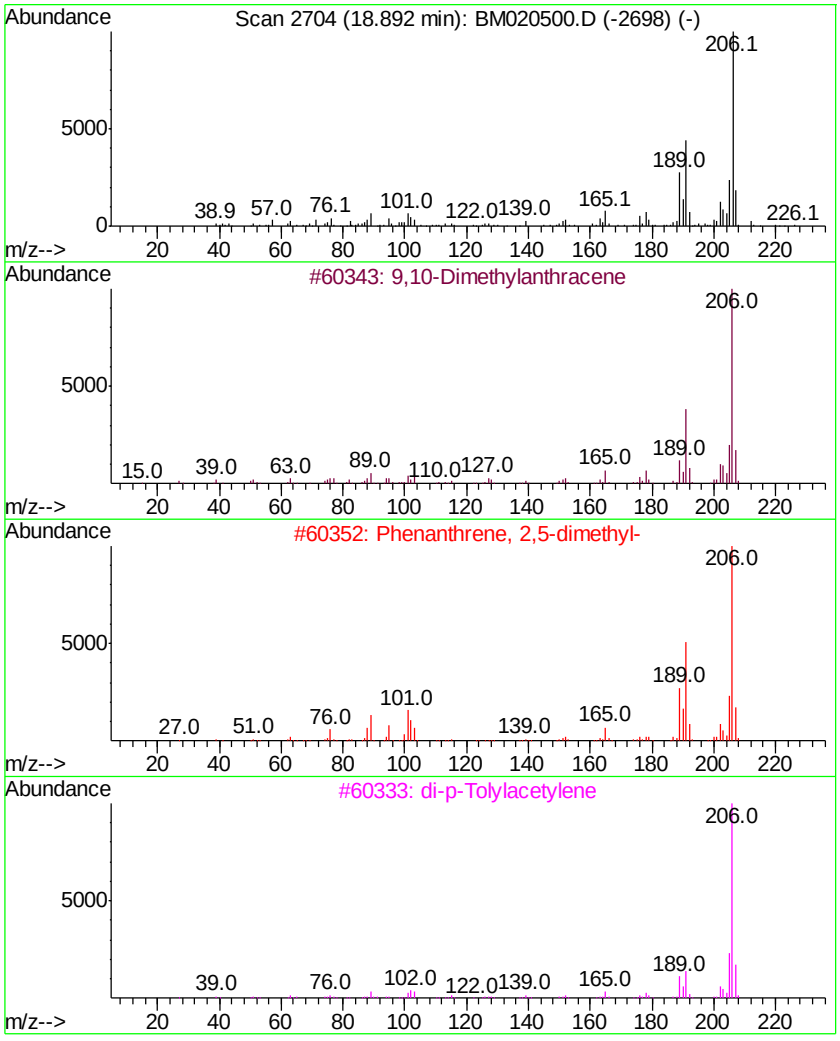
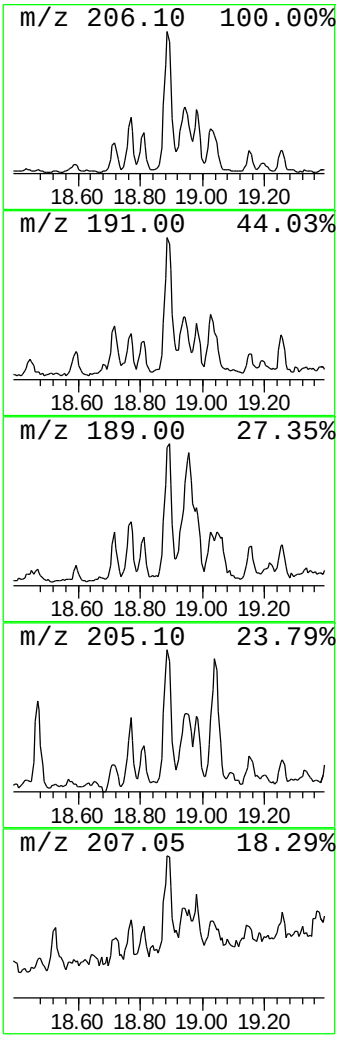
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	6.53 ng/ul	349607	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Sample : K2925-09
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ClientSampleId : A4290

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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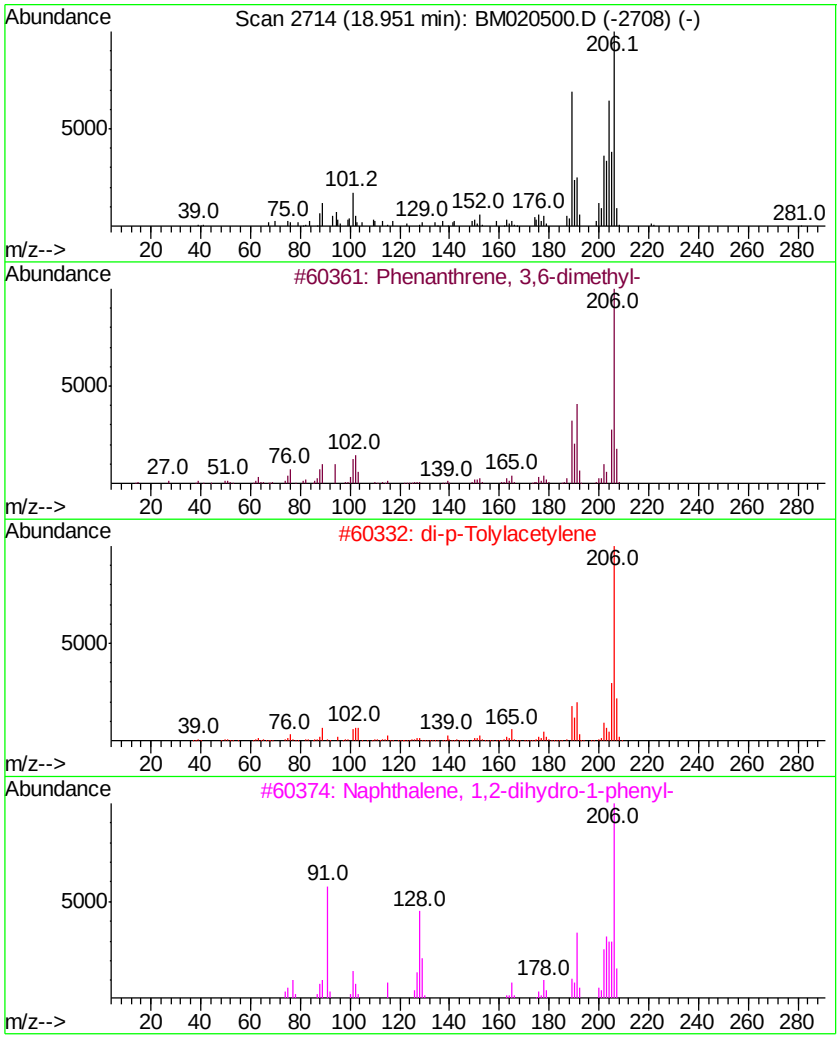
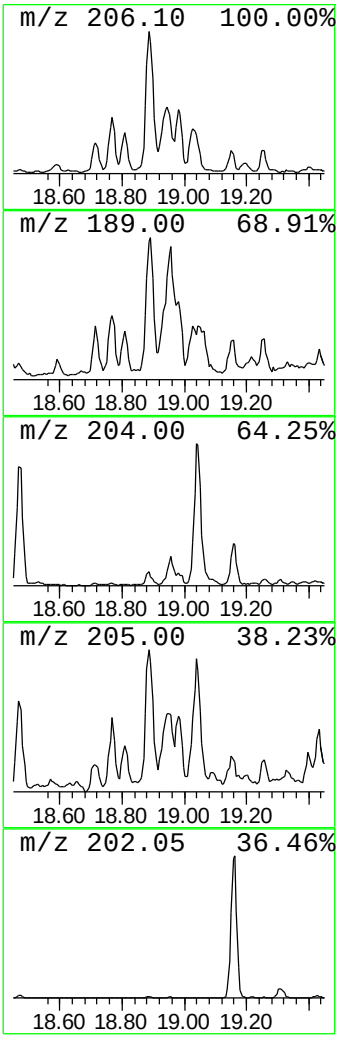
Peak Number 10 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	3.33 ng/ul	178391	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	43
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
4	Benzene, 4-bromo-1-chloro-2-methyl-	204	C7H6BrCl	054932-72-8	35
5	4-Amino-3,5-dichloro-2,6-dimethy...	206	C7H8Cl2N2O	1000227-19-9	30





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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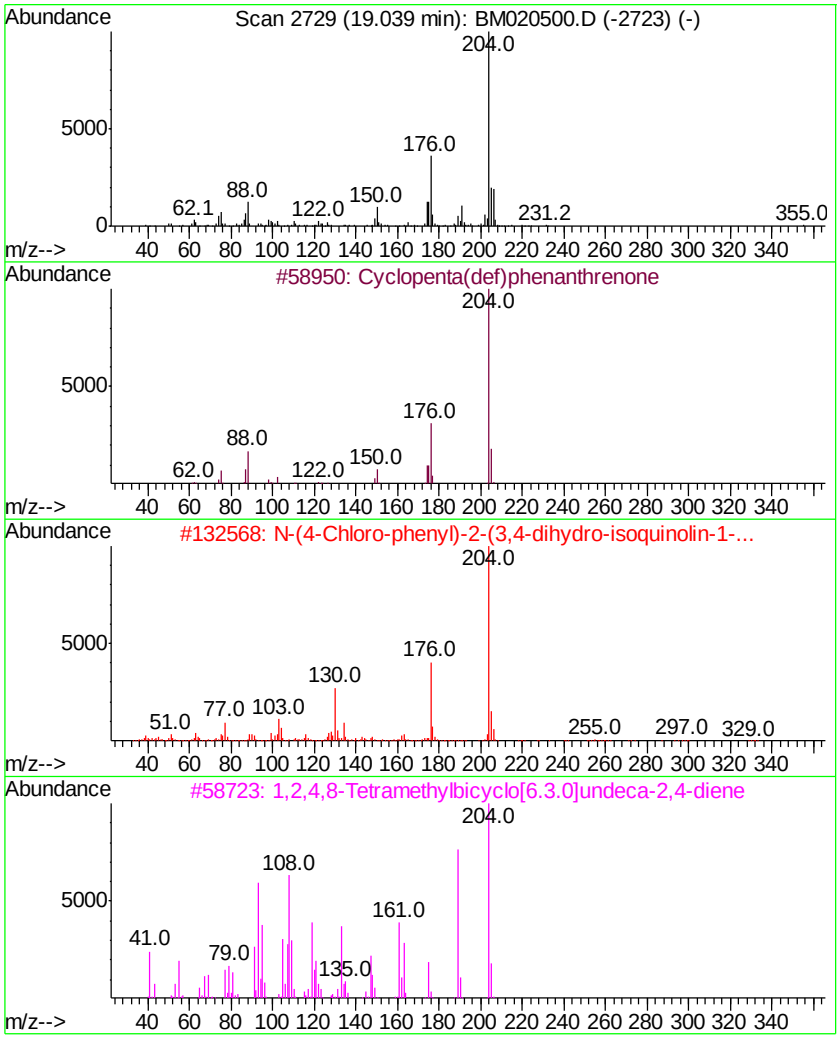
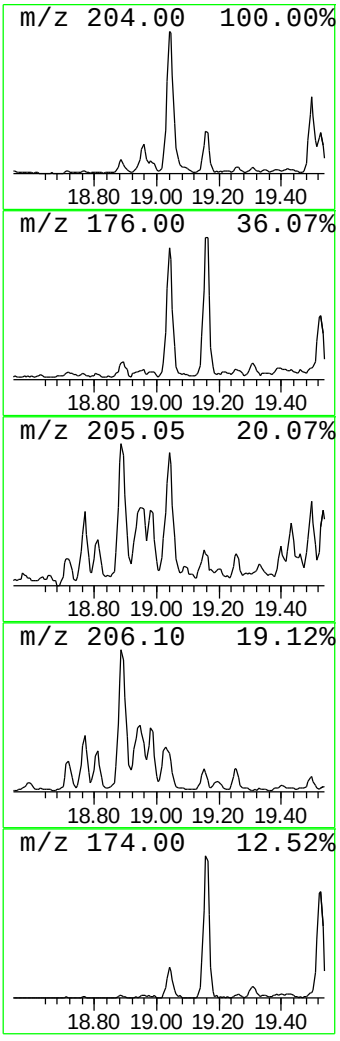
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	7.01 ng/ul	375343	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	42





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

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Quant Title : SVOA CALIBRATION

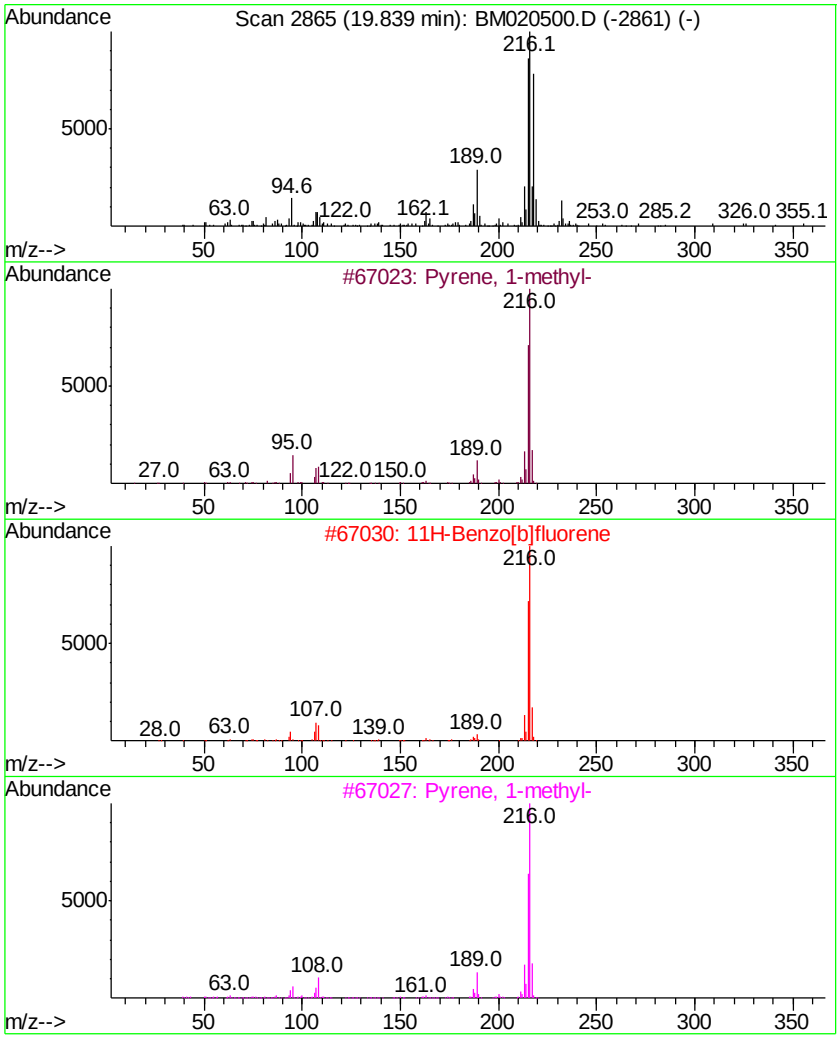
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

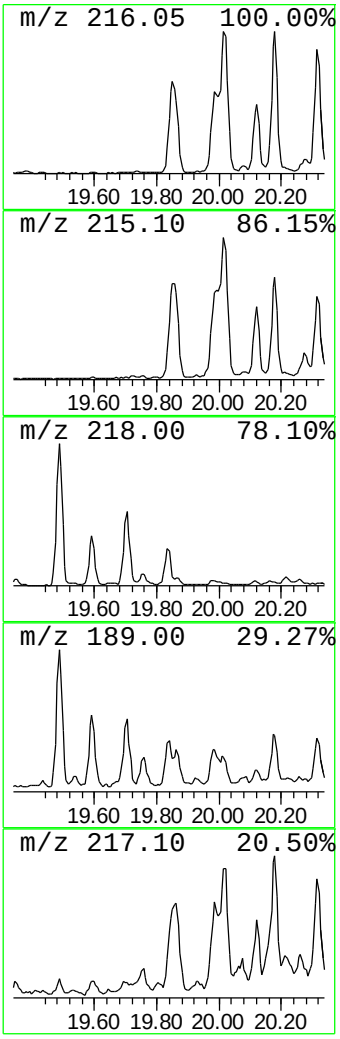
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.96 ng/ul	544446	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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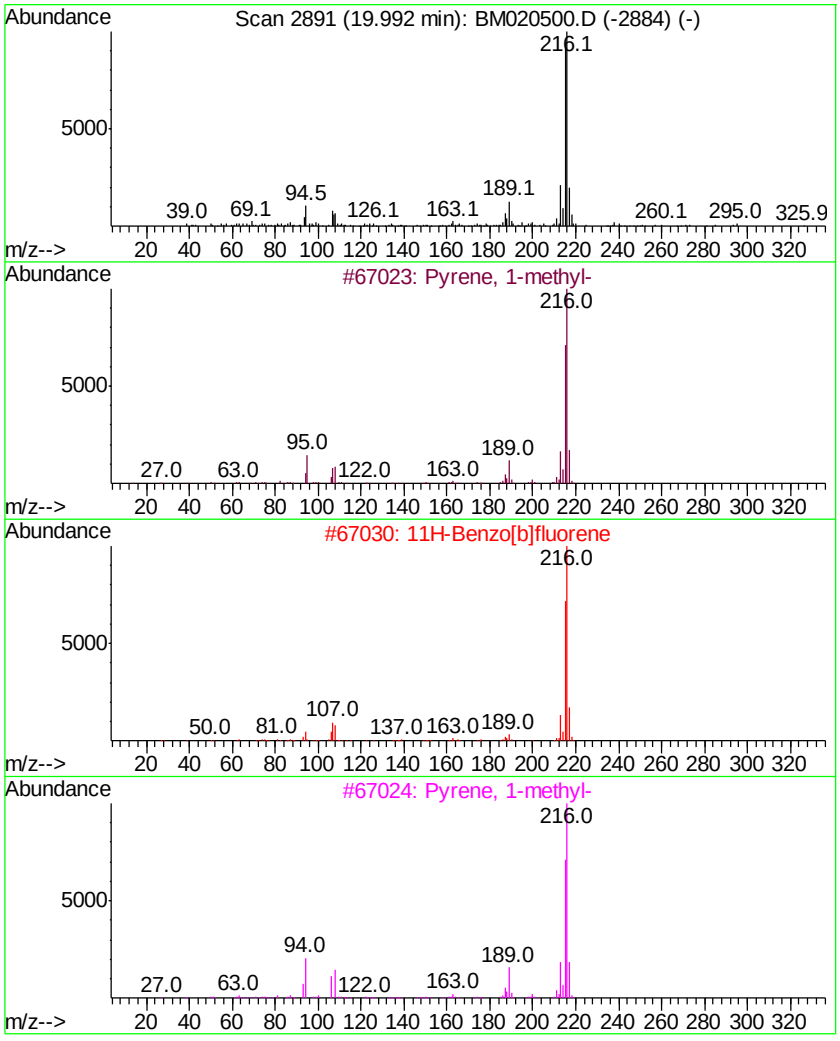
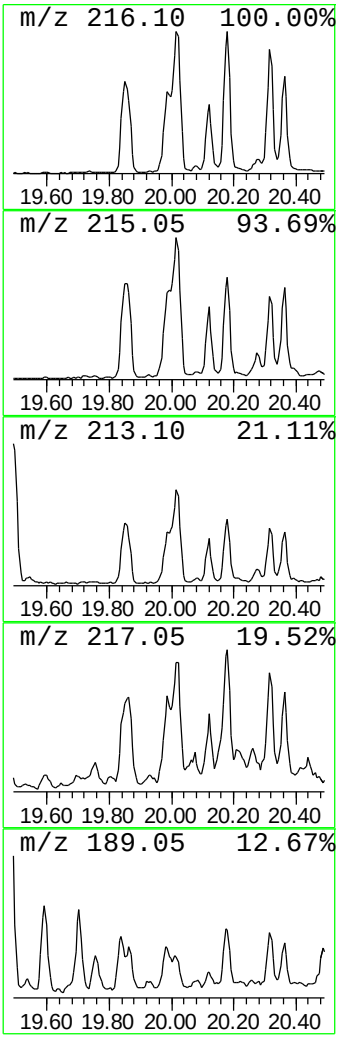
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.01 ng/ul	369696	Chrysene-d12	21.29

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





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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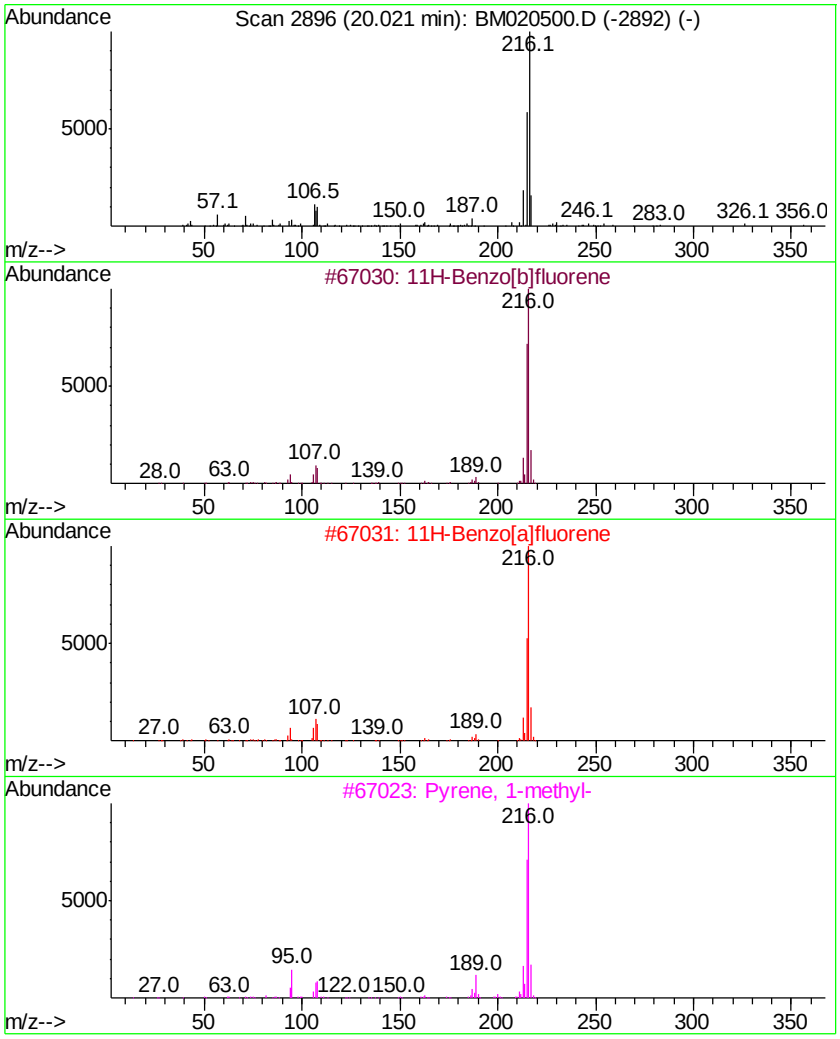
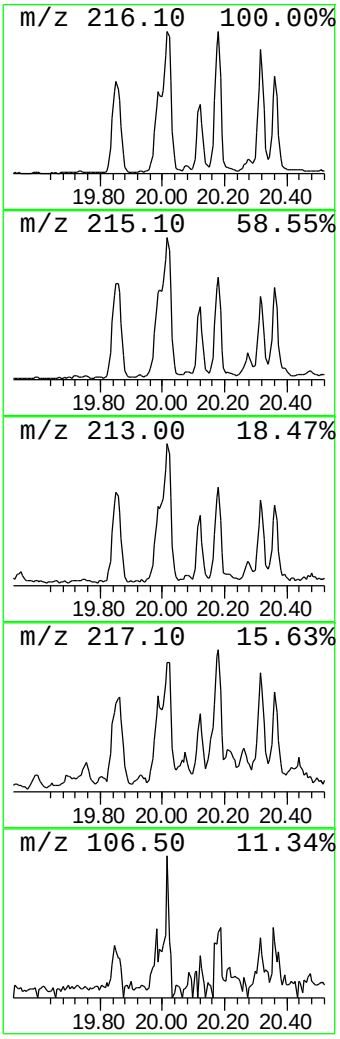
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	2.37 ng/ul	436573	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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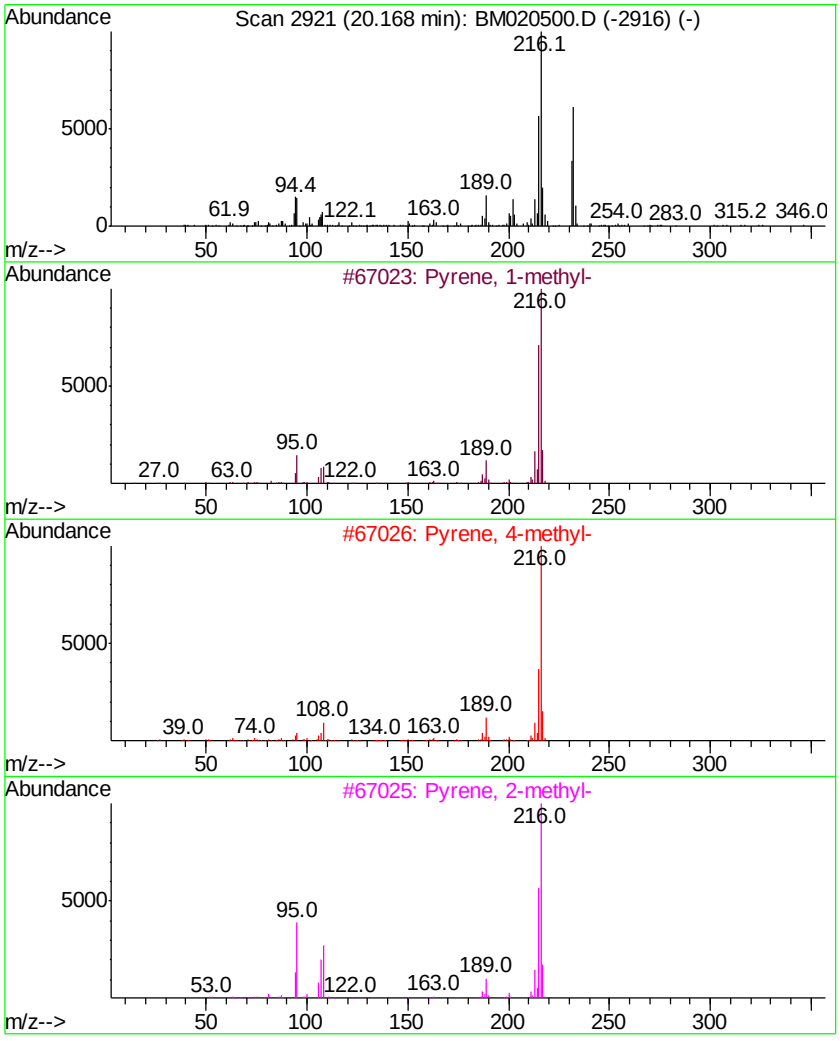
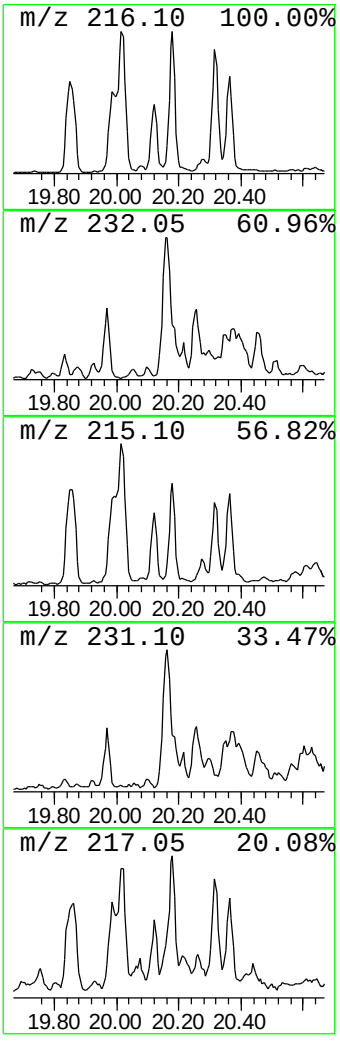
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.69 ng/ul	494644	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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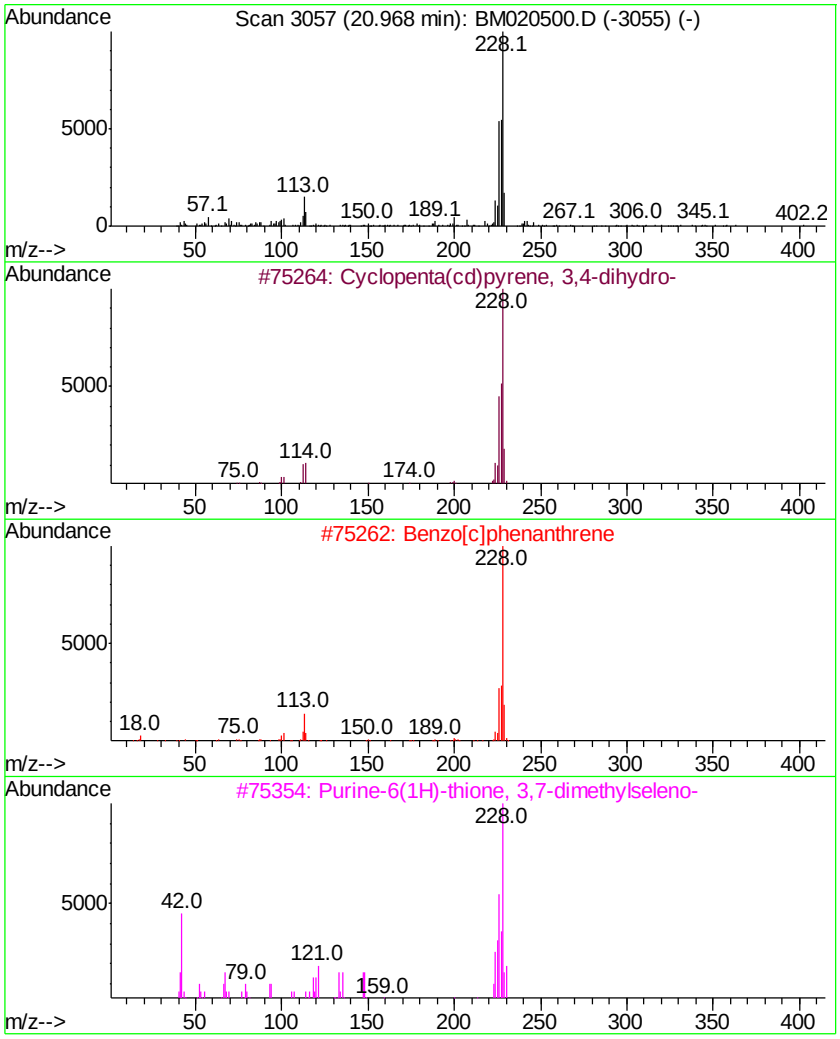
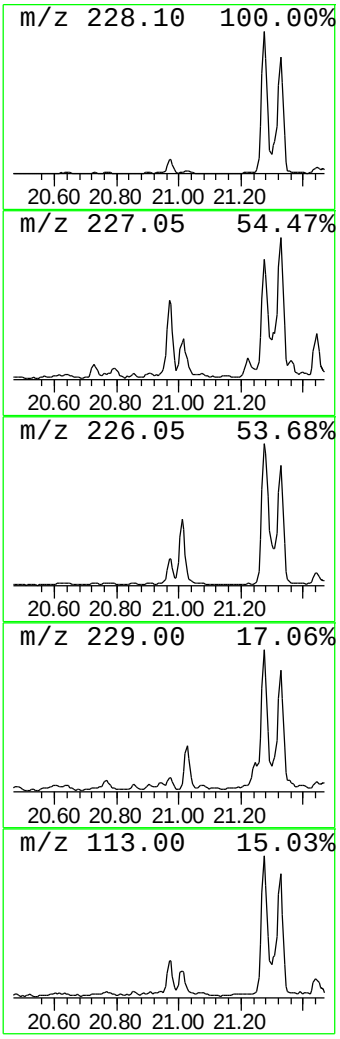
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.20 ng/ul	406106	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	50
4	Triphenylene	228	C18H12	000217-59-4	49
5	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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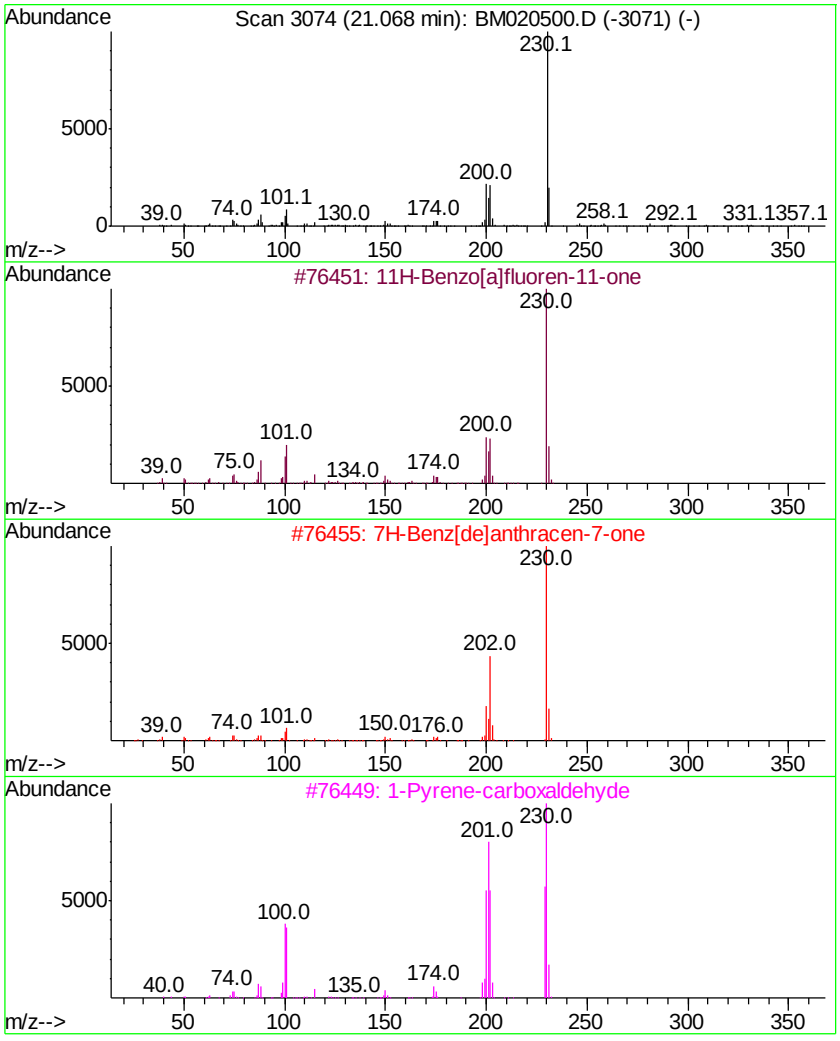
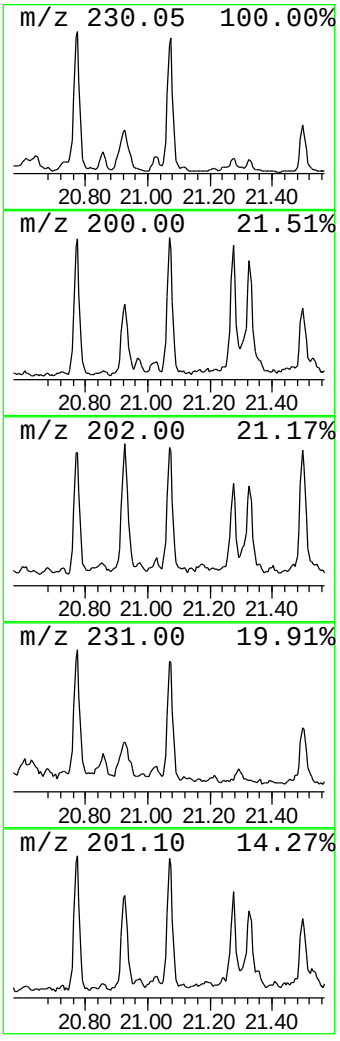
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.86 ng/ul	526393	Chrysene-d12	21.29

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	90
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	78
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.67	2.3	ng/ul	47178	1	7.67	407197	20.0
Phenanthrene, 1-m...	17.97	6.9	ng/ul	367954	4	17.09	1071250	20.0
Phenanthrene, 2-m...	18.02	7.5	ng/ul	402222	4	17.09	1071250	20.0
Anthracene, 1-met...	18.10	2.6	ng/ul	137741	4	17.09	1071250	20.0
4H-Cyclopenta[def...	18.16	10.1	ng/ul	542824	4	17.09	1071250	20.0
1,2,4,8-Tetrameth...	18.47	4.2	ng/ul	225687	4	17.09	1071250	20.0
9,10-Anthracenedione	18.53	3.3	ng/ul	176096	4	17.09	1071250	20.0
9,10-Dimethylanth...	18.89	6.5	ng/ul	349607	4	17.09	1071250	20.0
unknown-02	18.95	3.3	ng/ul	178391	4	17.09	1071250	20.0
Cyclopenta(def)ph...	19.04	7.0	ng/ul	375343	4	17.09	1071250	20.0
Pyrene, 1-methyl-	19.84	3.0	ng/ul	544446	5	21.29	3683760	20.0
11H-Benzo[b]fluorene	19.99	2.0	ng/ul	369696	5	21.29	3683760	20.0
Fluoranthene, 2-m...	20.02	2.4	ng/ul	436573	5	21.29	3683760	20.0
Pyrene, 4-methyl-	20.17	2.7	ng/ul	494644	5	21.29	3683760	20.0
Cyclopenta(cd)pyr...	20.97	2.2	ng/ul	406106	5	21.29	3683760	20.0
11H-Benzo[a]fluor...	21.07	2.9	ng/ul	526393	5	21.29	3683760	20.0