LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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	3.134	38	42	52	rVB	70671	100022	0.54%	0.053%
2	6.746	647	656	672	rVB	1214703	1905918	10.23%	1.004%
3	6.904	677	683	695	rBV	886145	1324898	7.11%	0.698%
4	7.098	708	716	725	rBV	1234967	1905481	10.23%	1.004%
5	7.557	788	794	804	rBV	737582	1149703	6.17%	0.606%
6	8.092	877	885	894	rBV	75112	135722	0.73%	0.071%
7	8.269	908	915	921	rBV	1516078	2376904	12.76%	1.252%
8	8.322	921	924	929	rVV2	63283	93675	0.50%	0.049%
9	8.698	981	988	998	rBV	1087776	1754835	9.42%	0.924%
10	9.416	1103	1110	1118	rBV	934110	1475794	7.92%	0.777%
11	9.951	1193	1201	1212	rBV	1594890	2551975	13.70%	1.344%
12	10.322	1257	1264	1271	rBV	998821	1625333	8.72%	0.856%
13	10.463	1280	1288	1302	rBV	735753	1273525	6.83%	0.671%
14	11.828	1514	1520	1528	rBV	61142	108496	0.58%	0.057%
15	13.616	1818	1824	1829	rVV	2500933	3459506	18.57%	1.822%
16	13.663	1829	1832	1838	rVB	224620	286791	1.54%	0.151%
17	13.886	1859	1870	1883	rBV	3089660	4860645	26.09%	2.560%
18	14.198	1915	1923	1932	rBV	1509693	2171635	11.65%	1.144%
19	14.404	1952	1958	1968	rBV	1147941	1755386	9.42%	0.925%
20	14.963	2047	2053	2058	rBV	116088	155926	0.84%	0.082%
21	15.198	2086	2093	2099	rBV	3969963	5433990	29.16%	2.862%
22	15.321	2108	2114	2128	rVV	1238529	1716075	9.21%	0.904%
23	15.921	2211	2216	2221	rBV2	146112	217203	1.17%	0.114%
24	15.980	2223	2226	2233	rVB3	69889	99401	0.53%	0.052%
25	16.945	2384	2390	2395	rBV	1837450	2473495	13.27%	1.303%
26	17.045	2401	2407	2411	rBV	4230489	5997874	32.19%	3.159%
27	17.074	2411	2412	2418	rVV	652944	665072	3.57%	0.350%
28	17.139	2418	2423	2428	rVB	96322	138274	0.74%	0.073%
29	17.351	2456	2459	2463	rVV2	103646	153041	0.82%	0.081%
30	17.468	2476	2479	2484	rVB4	54538	96841	0.52%	0.051%
31	17.868	2543	2547	2555	rBV4	181949	315817	1.69%	0.166%
32	17.945	2556	2560	2565	rVV2	139840	194131	1.04%	0.102%
33	18.021	2566	2573	2581	rVV6	119775	281352	1.51%	0.148%
34	18.298	2616	2620	2627	rVB6	59907	125283	0.67%	0.066%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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	18.668	2679	2683	2687	rBV	129912	169017	0.91%	0.089%
36	18.751	2692	2697	2701	rBV3	137632	228326	1.23%	0.120%
37	18.809	2703	2707	2710	rBV4	108574	151704	0.81%	0.080%
38	18.886	2715	2720	2727	rBV	742970	1157140	6.21%	0.609%
39	19.009	2736	2741	2747	rVB	2866699	3717717	19.95%	1.958%
40	19.080	2749	2753	2754	rBV3	119760	151737	0.81%	0.080%
41	19.104	2754	2757	2762	rVB	231143	363037	1.95%	0.191%
42	19.156	2762	2766	2770	rBV2	162364	203135	1.09%	0.107%
43	19.233	2775	2779	2780	rBV	205905	245671	1.32%	0.129%
44	19.345	2793	2798	2800	rBV2	4956266	6731311	36.13%	3.545%
45	19.380	2800	2804	2812	rVV	10748409	14395636	77.26%	7.582%
46	19.462	2813	2818	2823	rVB2	310029	541533	2.91%	0.285%
47	19.556	2830	2834	2836	rBV2	167732	228457	1.23%	0.120%
48	19.609	2839	2843	2849	rVB2	621755	963363	5.17%	0.507%
49	19.709	2854	2860	2865	rBV4	759223	1570165	8.43%	0.827%
50	19.798	2871	2875	2878	rBV4	164252	270746	1.45%	0.143%
51	19.839	2878	2882	2886	rBV2	933994	1949312	10.46%	1.027%
52	19.927	2893	2897	2900	rBV3	130931	195165	1.05%	0.103%
53	19.974	2901	2905	2908	rVB	471587	539066	2.89%	0.284%
54	20.033	2908	2915	2919	rBV2	1396062	2362503	12.68%	1.244%
55	20.068	2919	2921	2925	rVB2	259188	309280	1.66%	0.163%
56	20.168	2934	2938	2942	rBV	1156763	1526472	8.19%	0.804%
57	20.215	2942	2946	2951	rVB2	648137	984238	5.28%	0.518%
58	20.345	2965	2968	2974	rVB6	276958	379293	2.04%	0.200%
59	20.433	2979	2983	2986	rBV4	335853	553625	2.97%	0.292%
60	20.539	2998	3001	3004	rVB3	327660	347203	1.86%	0.183%
61	20.586	3005	3009	3012	rVV3	198724	365997	1.96%	0.193%
62	20.621	3012	3015	3022	rVB2	669165	1100721	5.91%	0.580%
63	20.709	3028	3030	3034	rVB2	367109	416122	2.23%	0.219%
64	20.786	3037	3043	3047	rBV3	732338	1395396	7.49%	0.735%
65	20.827	3047	3050	3053	rVV	1000459	1198972	6.43%	0.631%
66	20.862	3053	3056	3062	rVV2	2021657	3304320	17.73%	1.740%
67	20.915	3062	3065	3069	rVB2	499827	584865	3.14%	0.308%
68	21.133	3092	3102	3105	rBV2	6181924	11517231	61.81%	6.066%
69	21.180	3108	3110	3117	rVV	5402085	6561497	35.21%	3.456%
70	21.262	3121	3124	3126	rBV2	282732	288131	1.55%	0.152%
71	21.297	3126	3130	3138	rBV2	807251	1613181	8.66%	0.850%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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	21.445	3151	3155	3161	rBV	897248	1447694	7.77%	0.762%
73	21.497	3161	3164	3168	rVB2	467589	591745	3.18%	0.312%
74	21.627	3183	3186	3189	rBV	481090	639885	3.43%	0.337%
75	21.680	3189	3195	3199	rVV	1427828	2144558	11.51%	1.130%
76	21.733	3199	3204	3211	rVB4	743211	1260779	6.77%	0.664%
77	21.797	3212	3215	3218	rBV	355107	466274	2.50%	0.246%
78	21.868	3223	3227	3230	rVV	916493	1359095	7.29%	0.716%
79	21.897	3230	3232	3239	rVV3	685589	1019144	5.47%	0.537%
80	21.968	3239	3244	3252	rVB3	564756	1045798	5.61%	0.551%
81	22.133	3268	3272	3277	rBV2	303167	503171	2.70%	0.265%
82	22.403	3313	3318	3331	rVB3	672393	1997768	10.72%	1.052%
83	22.527	3334	3339	3344	rVB3	410107	745090	4.00%	0.392%
84	22.668	3355	3363	3367	rBV2	8064957	18632927	100.00%	9.814%
85	22.768	3377	3380	3383	rVB	295685	372464	2.00%	0.196%
86	22.815	3384	3388	3395	rVB	1214648	1899252	10.19%	1.000%
87	22.944	3405	3410	3419	rBV2	529732	1379581	7.40%	0.727%
88	23.115	3432	3439	3443	rBV	3523361	6374026	34.21%	3.357%
89	23.162	3443	3447	3450	rVV	3953104	6530199	35.05%	3.439%
90	23.203	3450	3454	3460	rVV	4656938	8024798	43.07%	4.227%
91	23.291	3460	3469	3473	rVV2	1715822	3479780	18.68%	1.833%
92	23.339	3473	3477	3485	rVB2	1403803	2652936	14.24%	1.397%
93	23.827	3553	3560	3567	rVB3	400574	928709	4.98%	0.489%
94	24.533	3676	3680	3685	rBV2	119307	221850	1.19%	0.117%
95	24.768	3716	3720	3725	rBV3	146932	262307	1.41%	0.138%
96	24.891	3735	3741	3752	rVB5	425367	1189129	6.38%	0.626%
97	25.180	3787	3790	3797	rVB2	310406	625496	3.36%	0.329%
98	25.409	3821	3829	3840	rVB	1674513	4574337	24.55%	2.409%
99	25.656	3867	3871	3873	rBV	124497	221768	1.19%	0.117%
100	26.050	3930	3938	3952	rVB	825584	2310948	12.40%	1.217%

Sum of corrected areas: 189862812

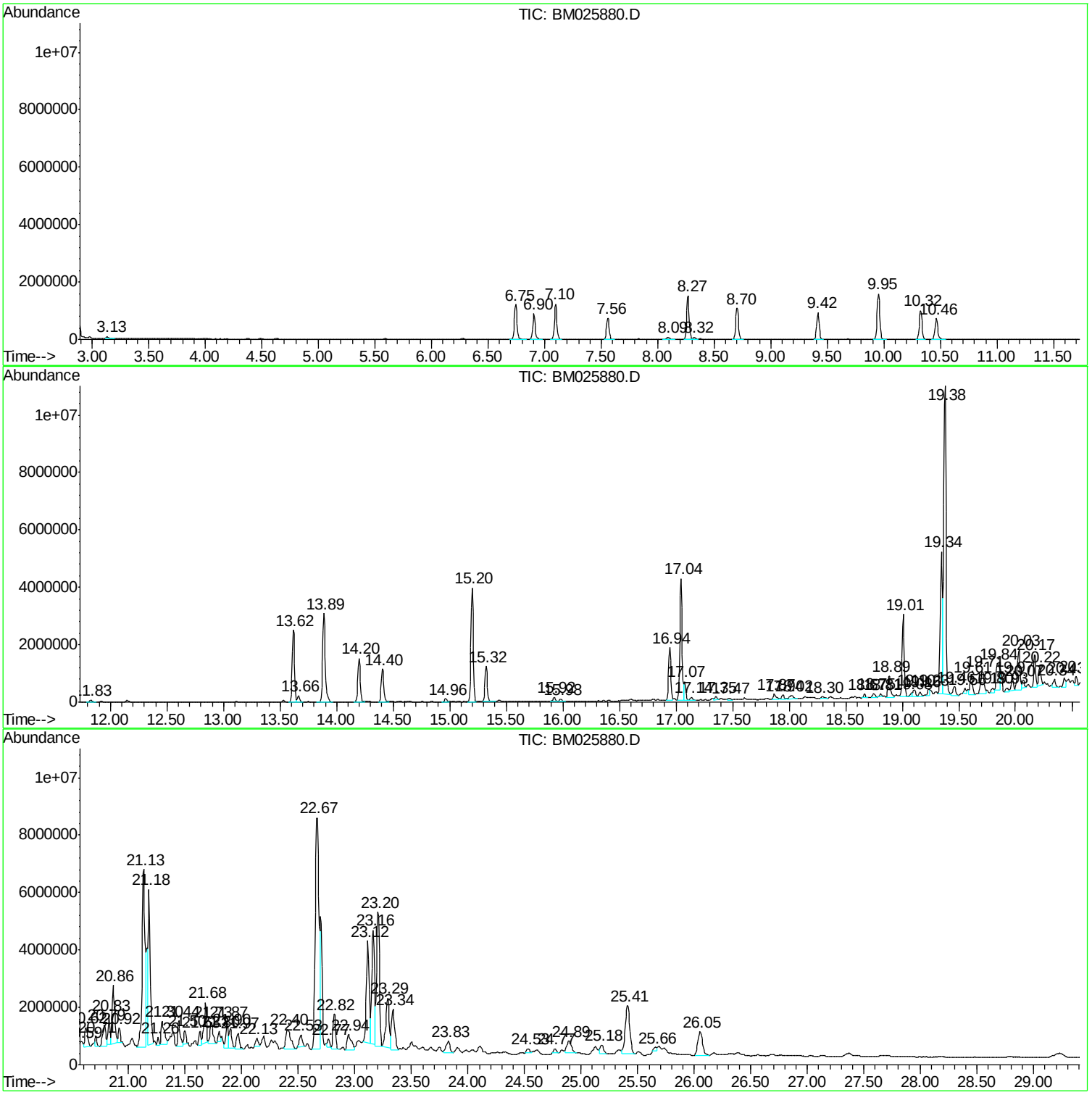
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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

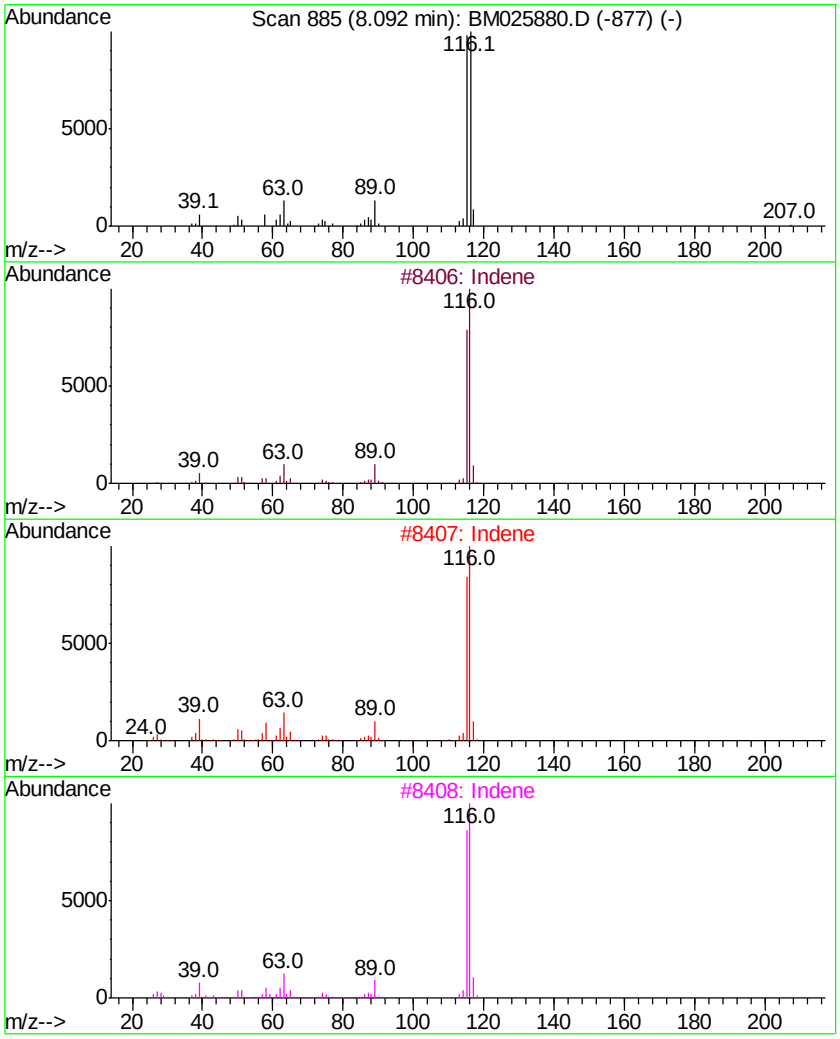
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

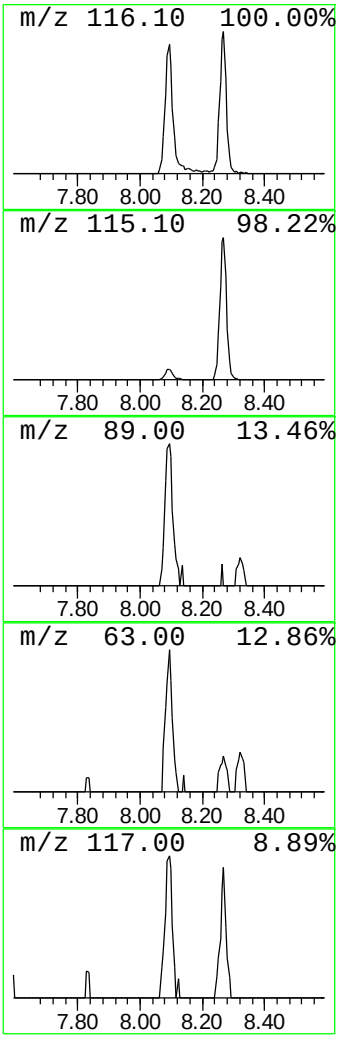
****

Peak Number 1 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	2.36 ng/ul	135722	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Indene	116	C9H8	000095-13-6	91
3	Indene	116	C9H8	000095-13-6	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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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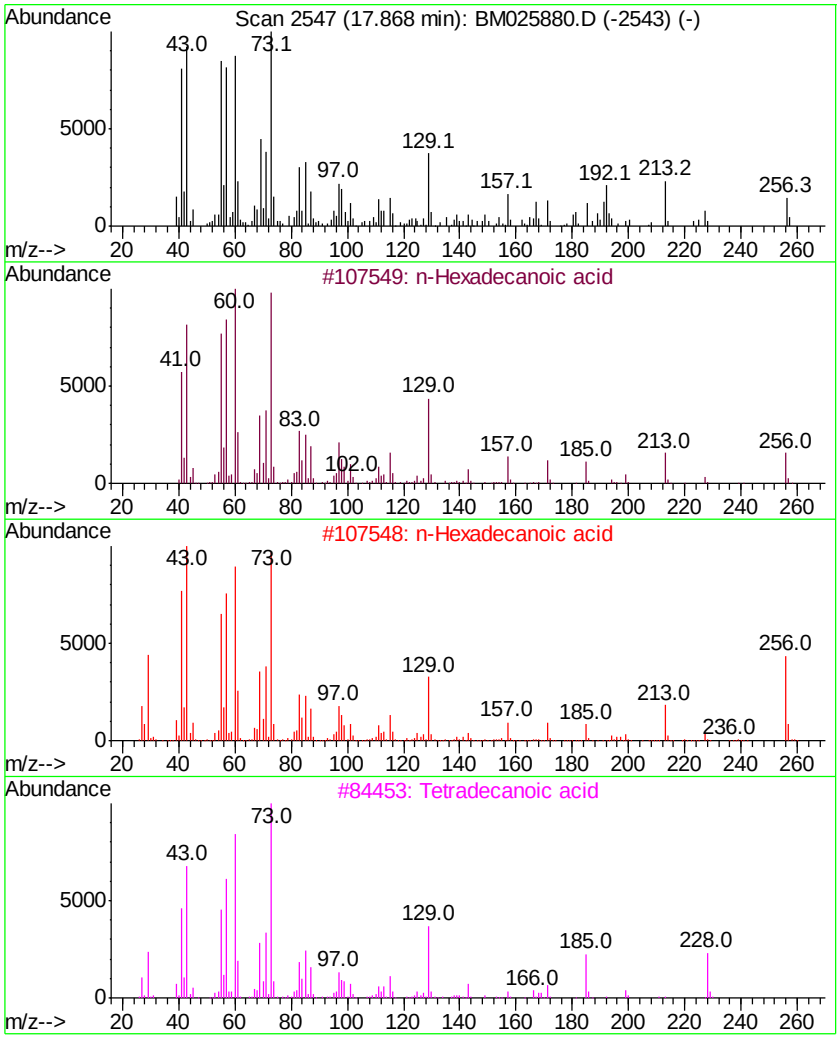
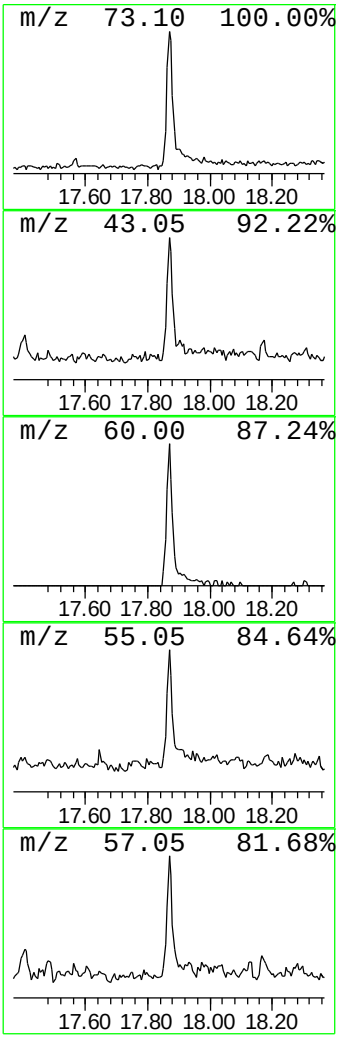
Peak Number 2 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.55 ng/ul	315817	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
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Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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

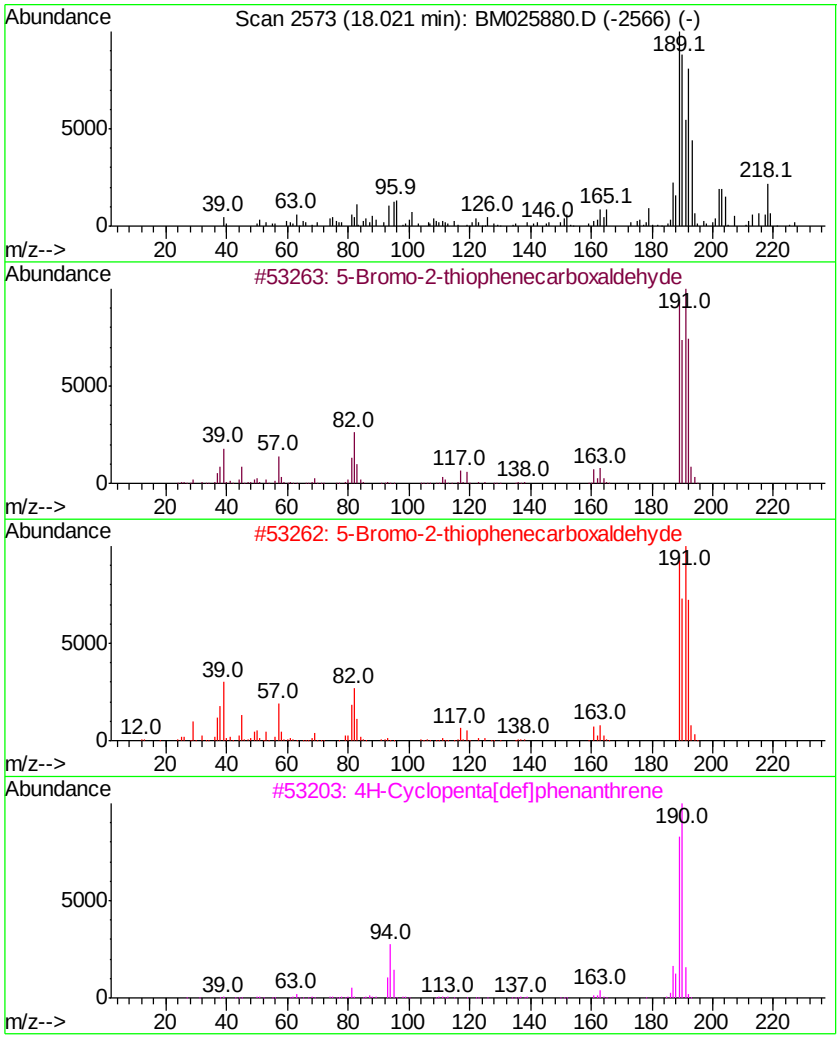
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

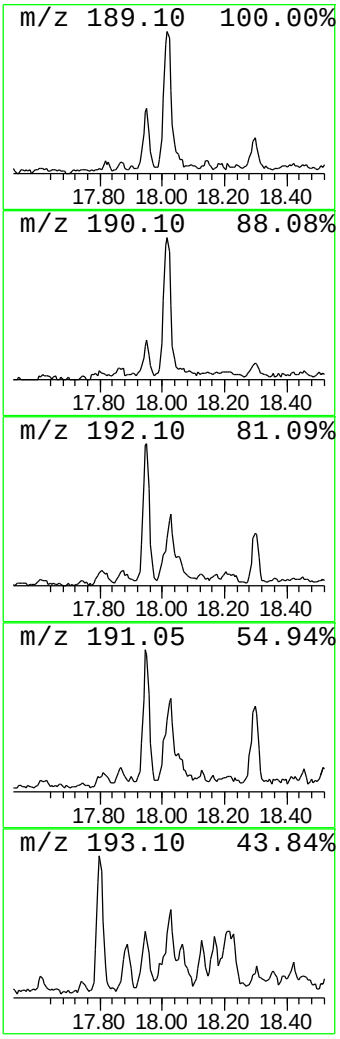
****

Peak Number 3 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.27 ng/ul	281352	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	49
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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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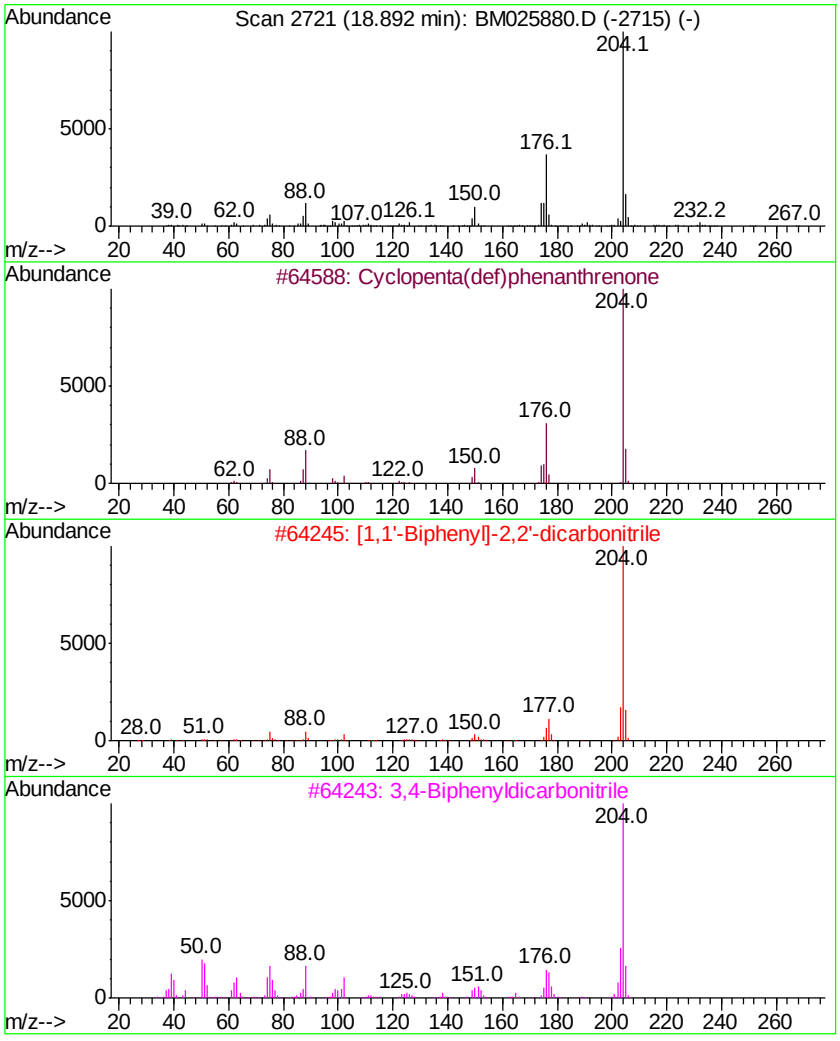
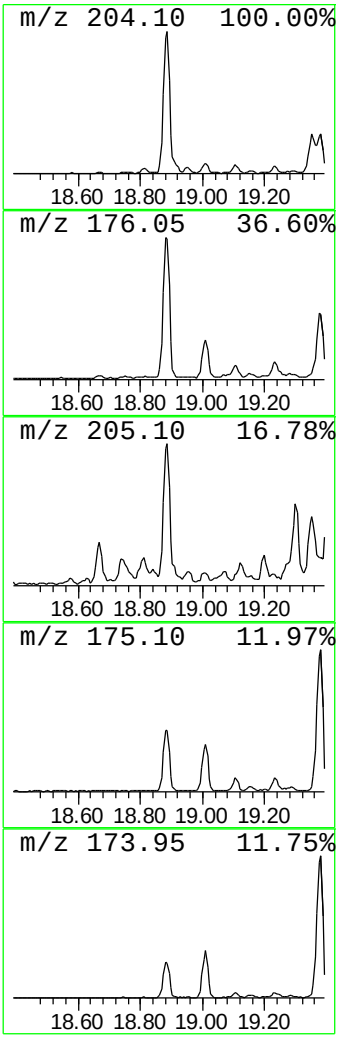
Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	9.36 ng/ul	1157140	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50
5	dl-2-Benzylaminooctanol	235	C15H25NO	1000241-42-4	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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

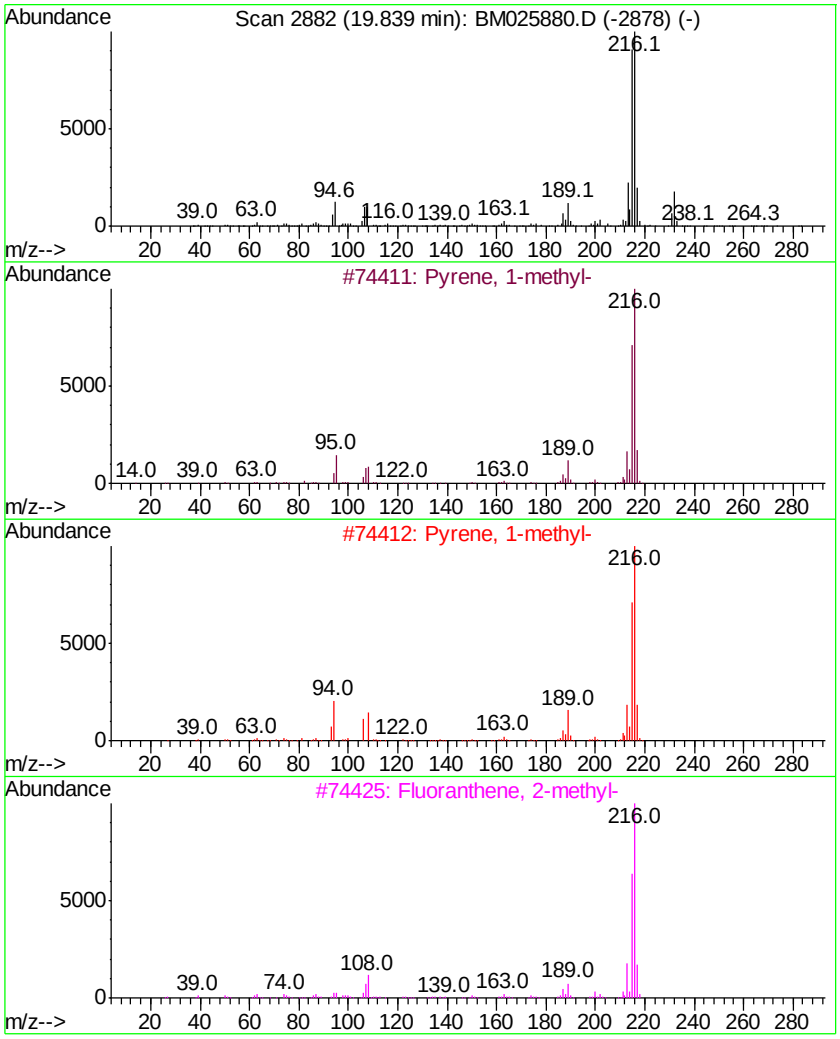
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

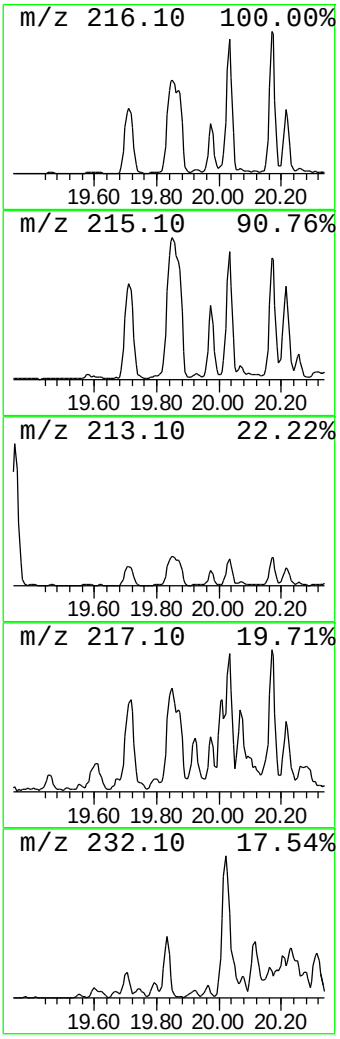
****

Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	3.39 ng/ul	1949310	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





Library Search Compound Report

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Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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Quant Title : SVOA CALIBRATION

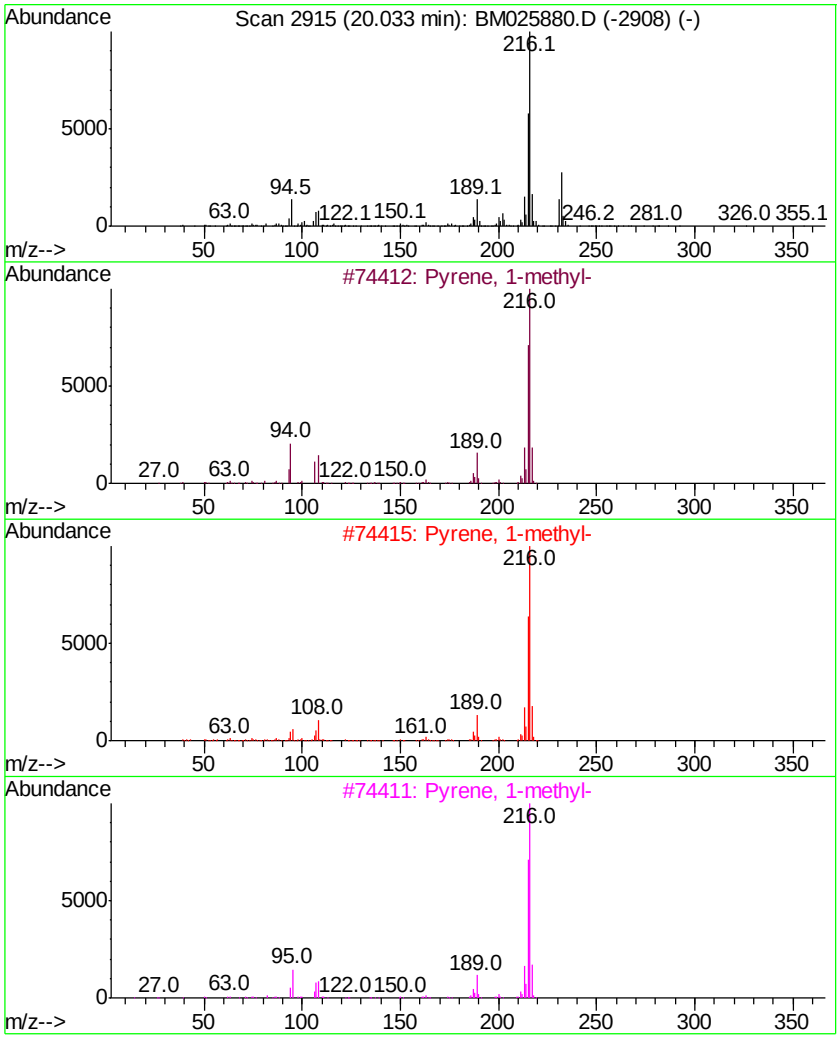
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

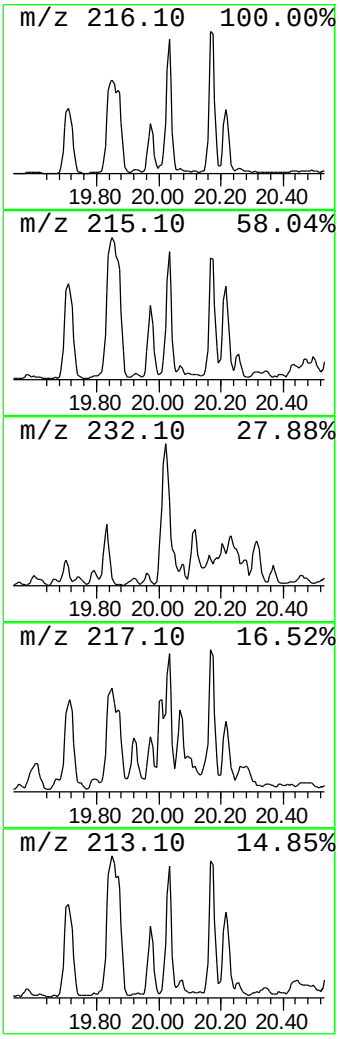
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	4.10 ng/ul	2362500	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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Quant Title : SVOA CALIBRATION

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

****

Peak Number 8 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.65 ng/ul	1526470	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
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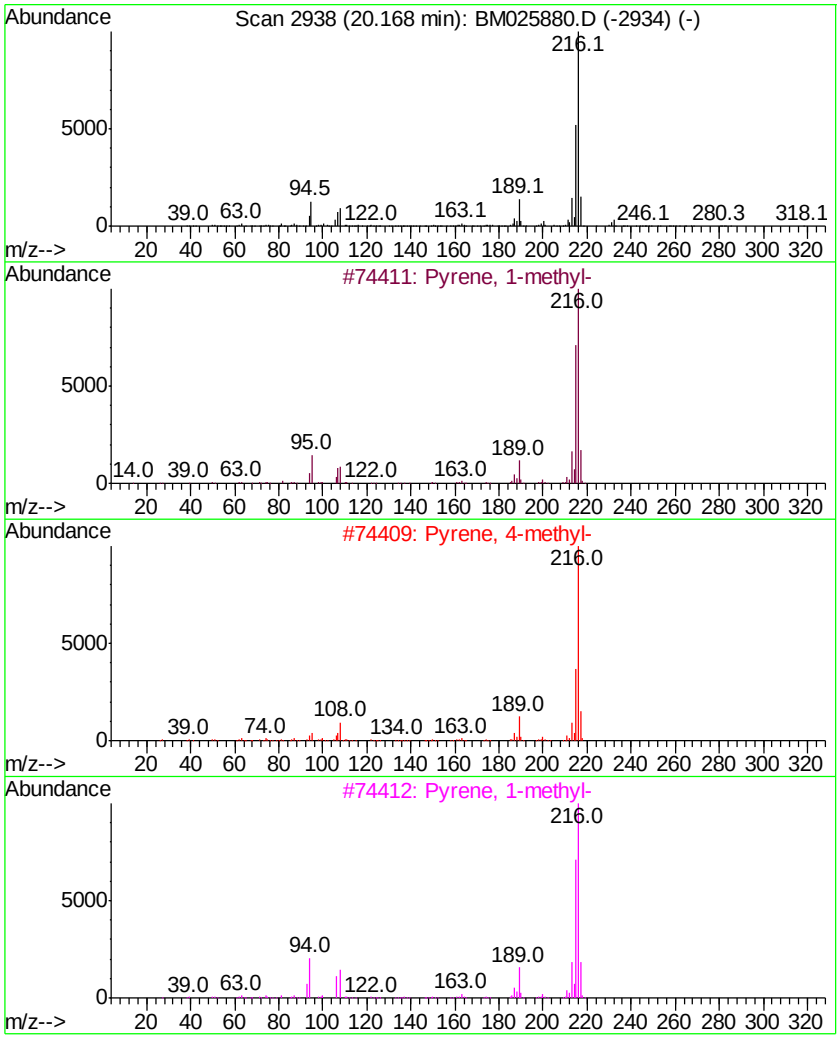

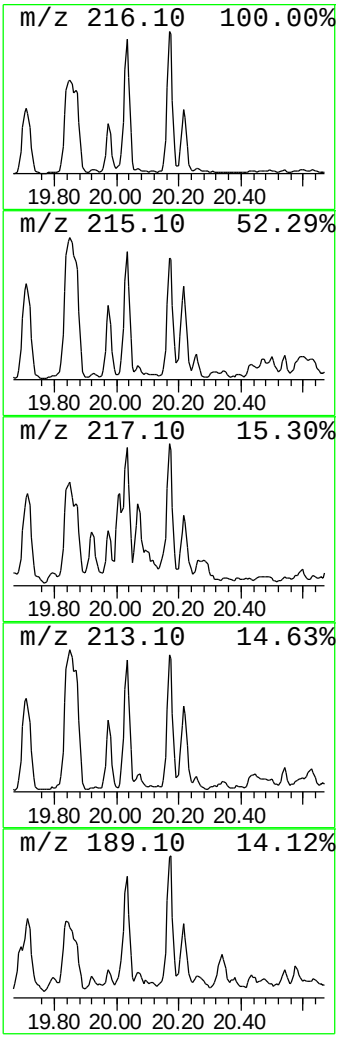

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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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Quant Title : SVOA CALIBRATION

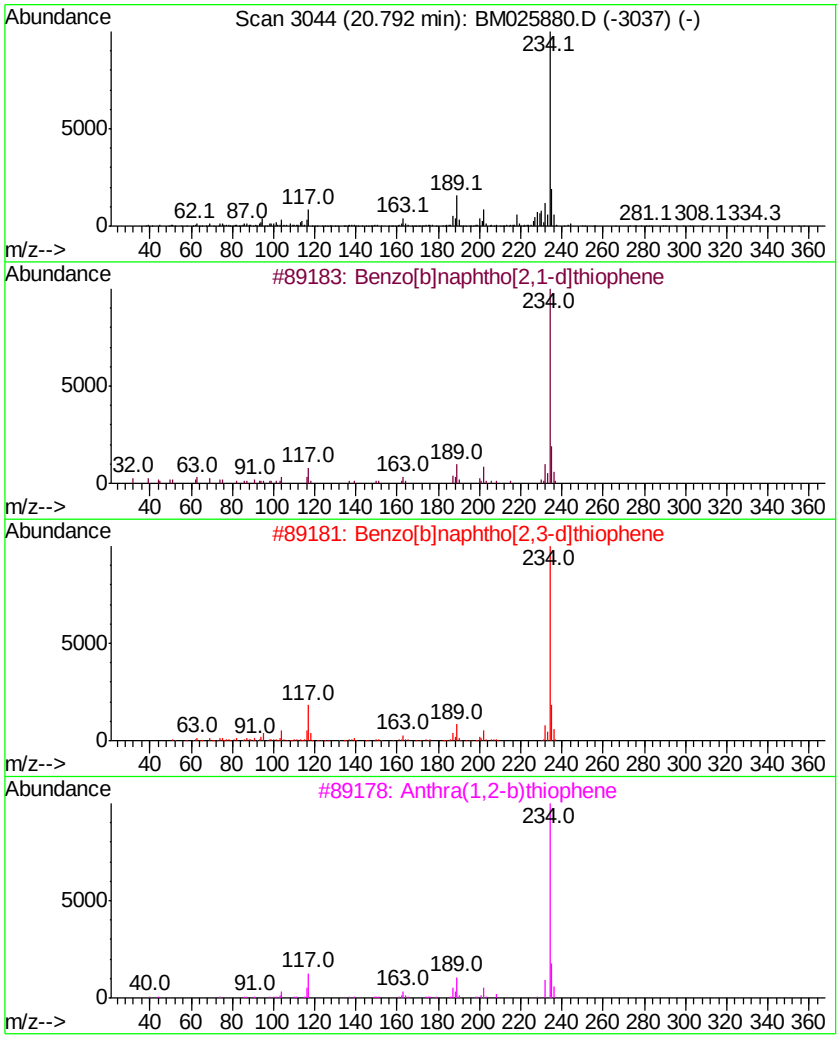
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

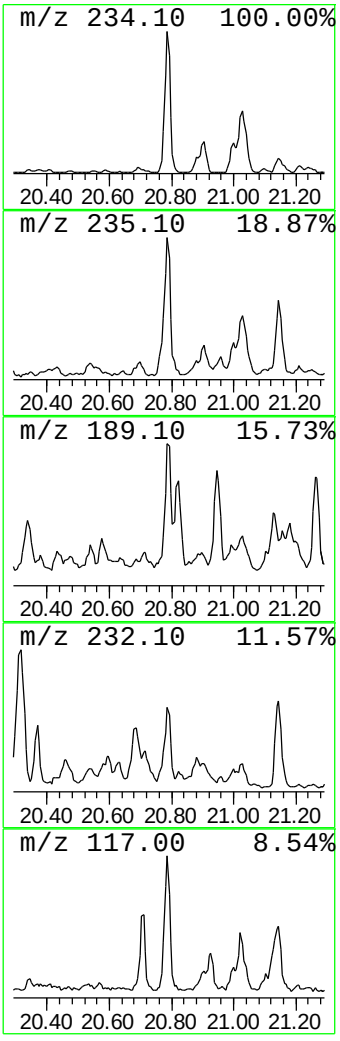
****

Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.42 ng/ul	1395400	Chrysene-d12	21.14

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[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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Quant Title : SVOA CALIBRATION

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

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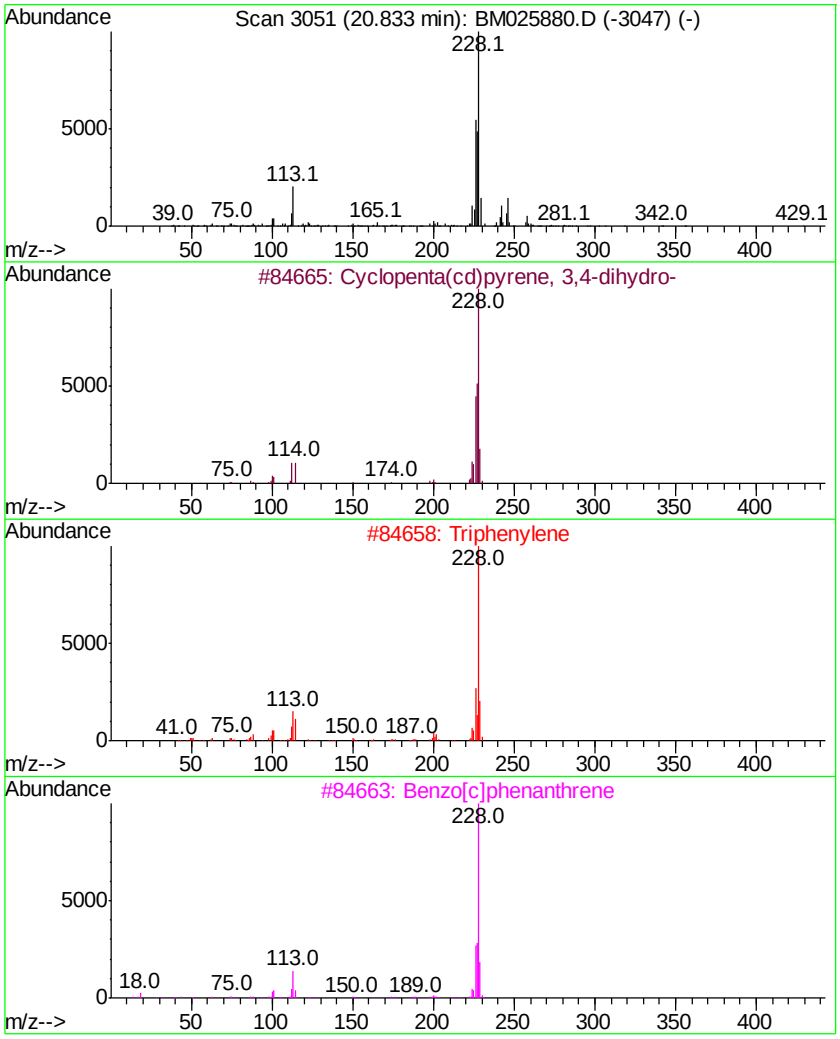
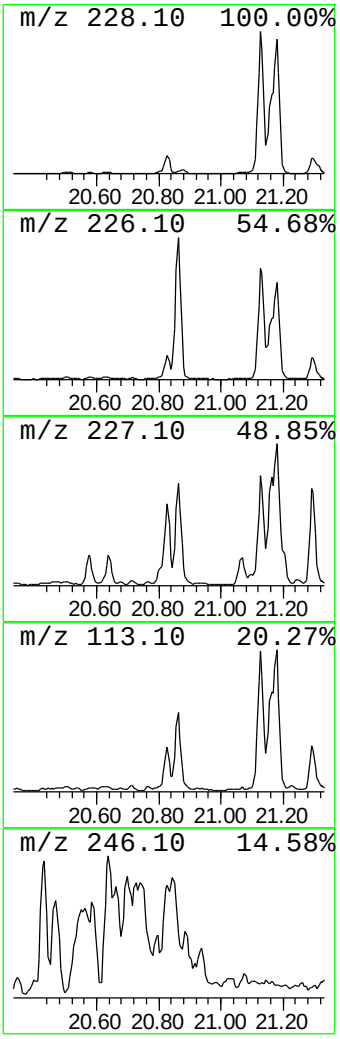
Peak Number 10 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.08 ng/ul	1198970	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Triphenylene	228	C18H12	000217-59-4	50
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
4	Triphenylene	228	C18H12	000217-59-4	43
5	Triphenylene	228	C18H12	000217-59-4	43





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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Quant Title : SVOA CALIBRATION

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

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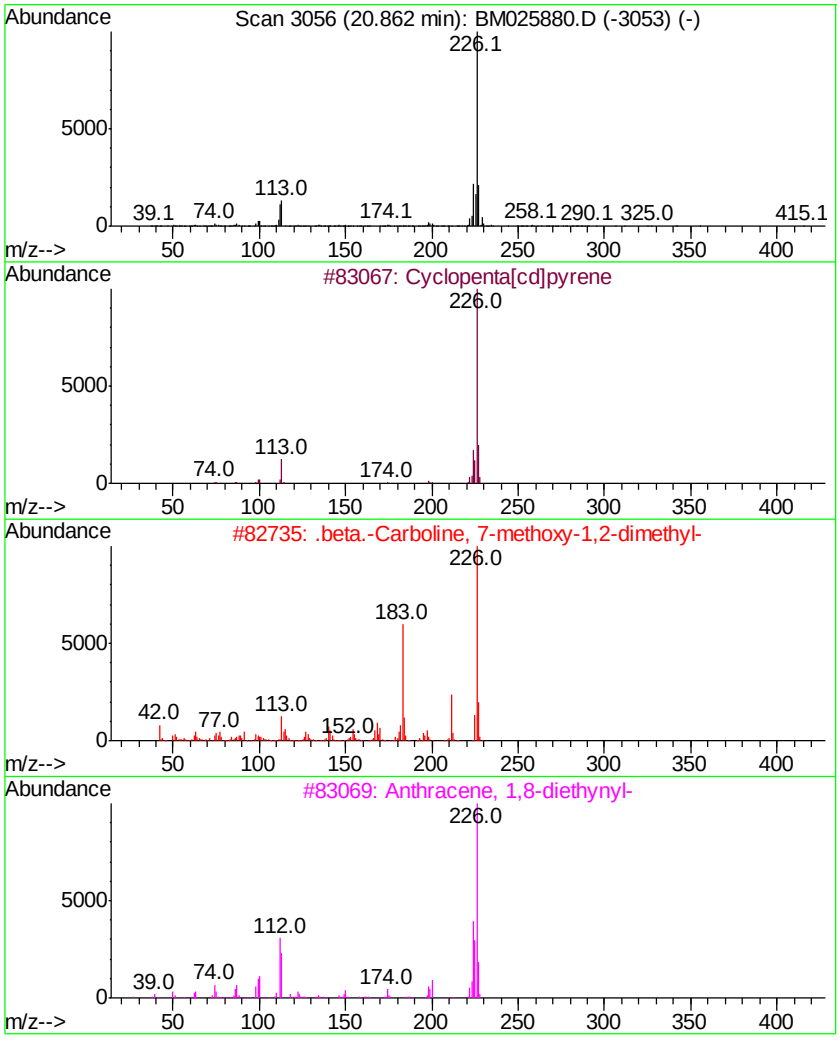
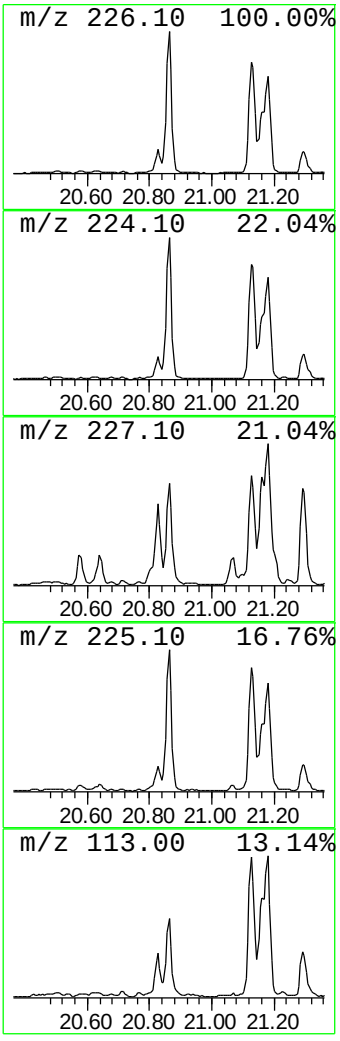
Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.74 ng/ul	3304320	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	53
4	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	33





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Quant Title : SVOA CALIBRATION

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

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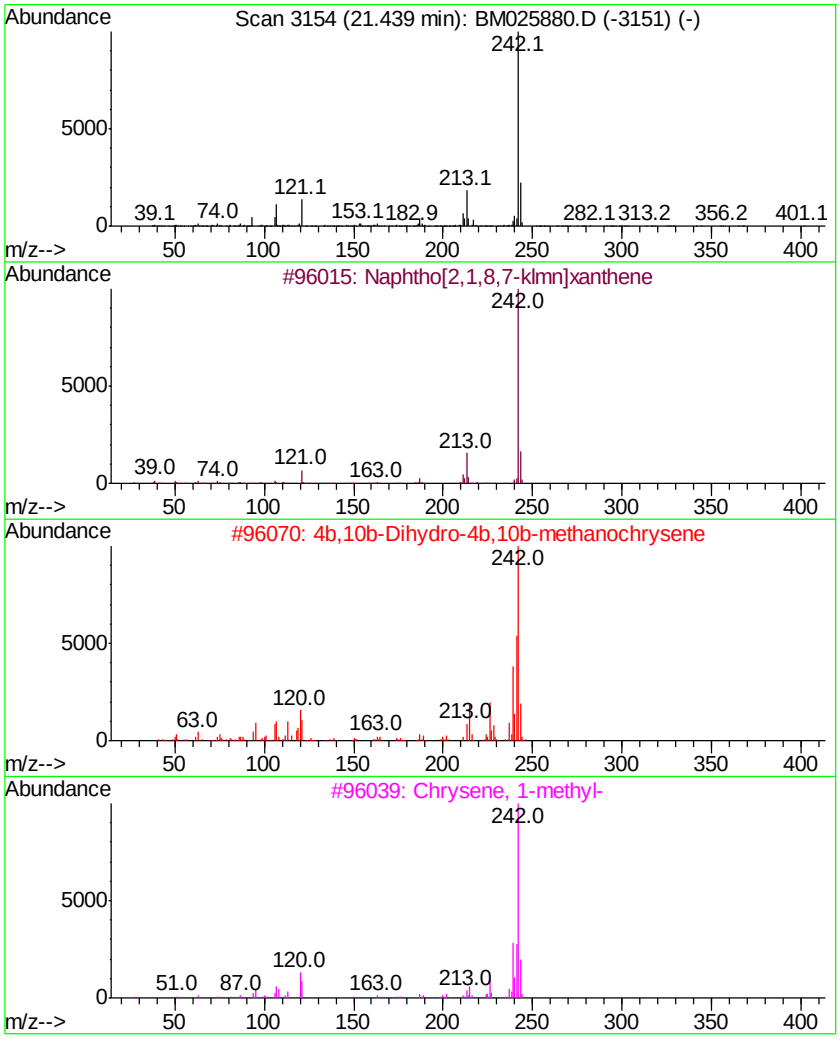
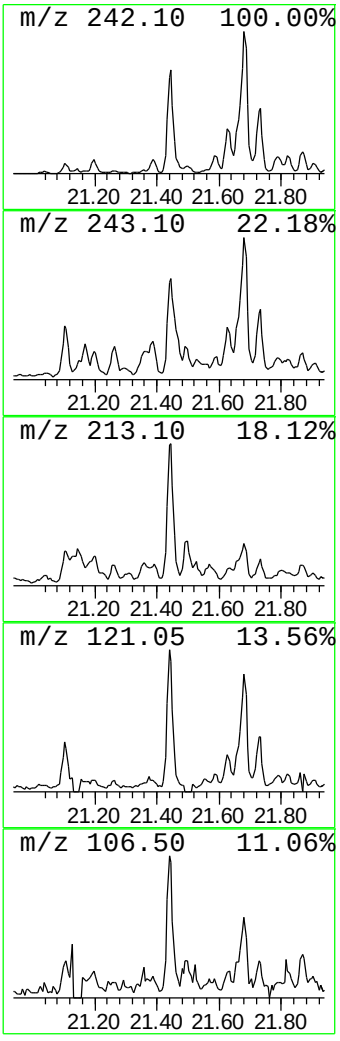
Peak Number 13 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.51 ng/ul	1447690	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	95
2	4b,10b-Dihydro-4b,10b-methanochr...	242	C19H14	071949-03-6	72
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	64
4	2-Methylchrysene	242	C19H14	003351-32-4	64
5	4,4'-Dimethoxy-2,2'-dimethylbiph...	242	C16H18O2	046873-19-2	64





Library Search Compound Report

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Misc :
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ClientSampleId : F3E00

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Quant Title : SVOA CALIBRATION

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

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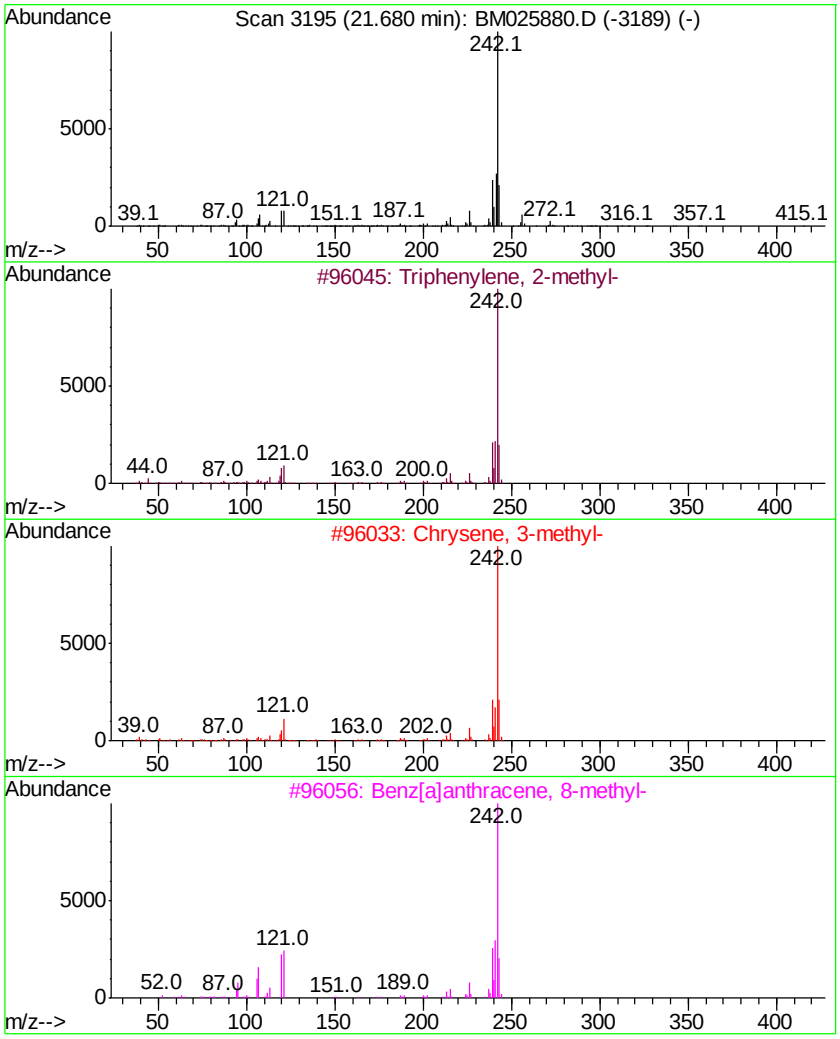
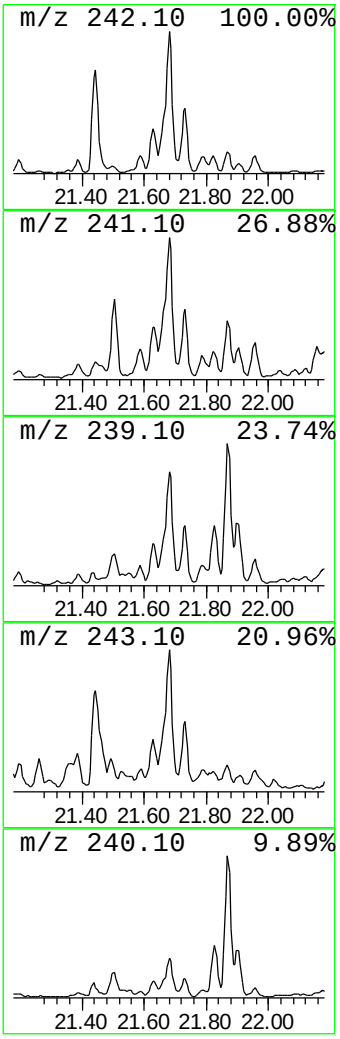
Peak Number 14 Triphenylene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	3.72 ng/ul	2144560	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	96
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	94





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Sample : L2062-01
Misc :
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Instrument : BNA_M
ClientSampleId : F3E00

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Quant Title : SVOA CALIBRATION

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

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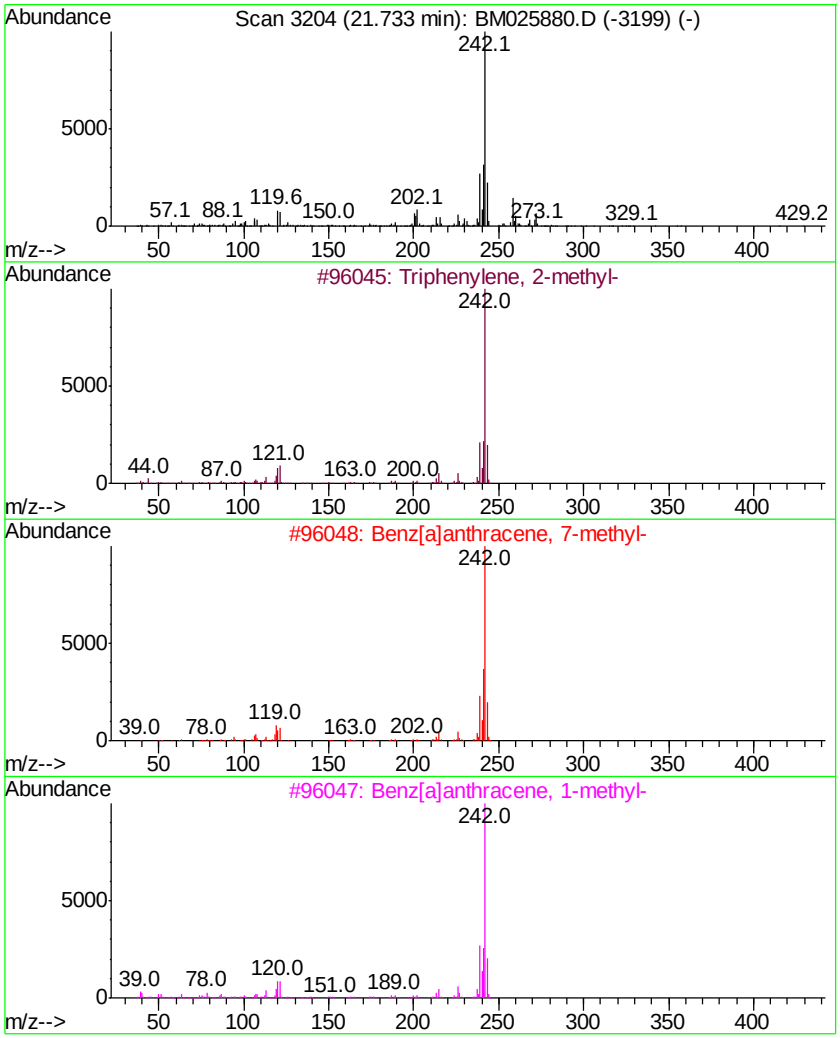
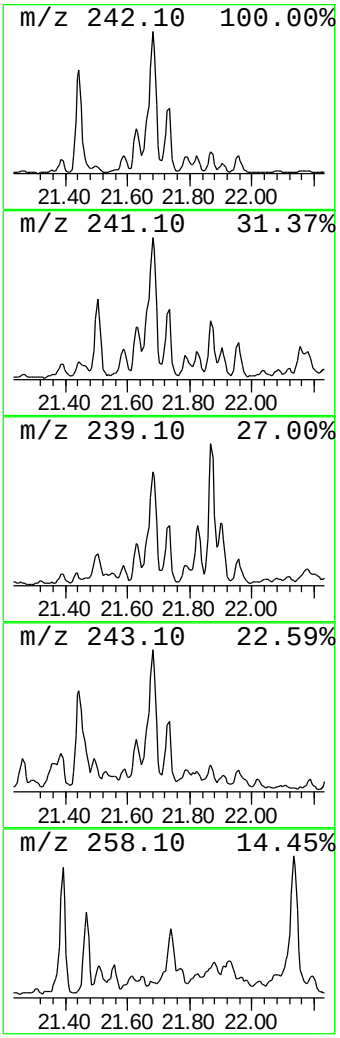
Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.19 ng/ul	1260780	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	83





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ClientSampleId : F3E00

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Quant Title : SVOA CALIBRATION

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

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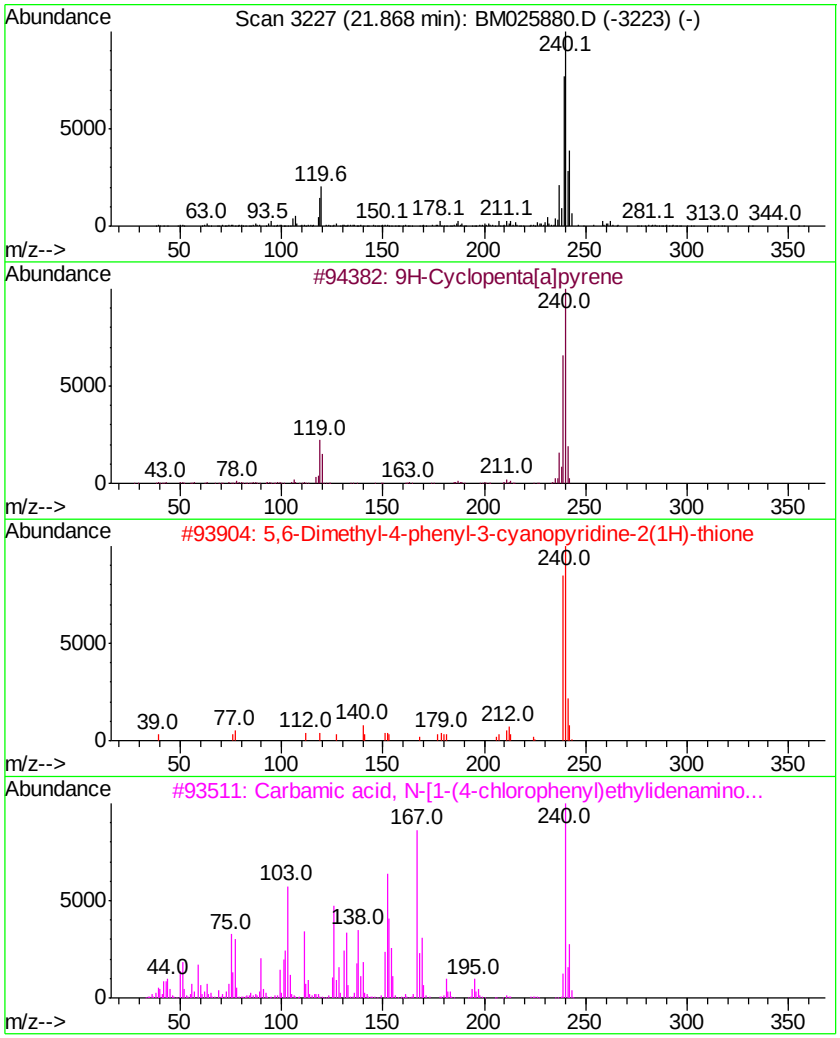
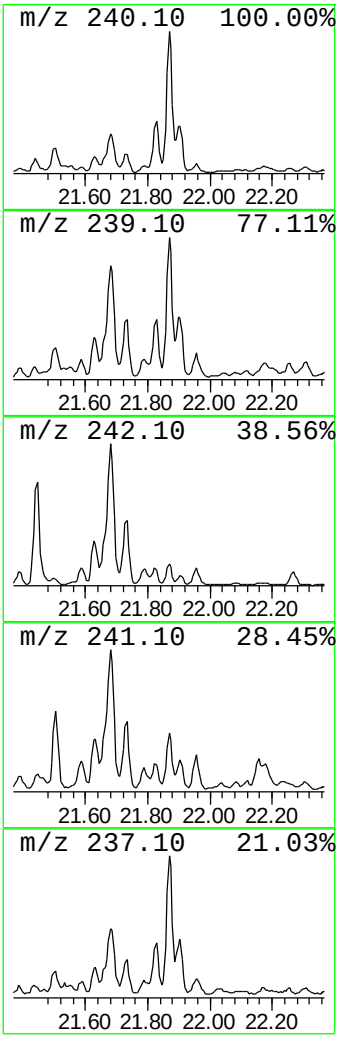
Peak Number 16 9H-Cyclopenta[a]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.36 ng/ul	1359100	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	95
2	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	42
3	Carbamic acid, N-[1-(4-chlorophe...	240	C11H13ClN2O2	025445-82-3	27
4	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	25
5	(3H,6H)Thieno[3,4-c]isoxazole, 6...	239	C11H10ClNOS	1000115-55-6	22





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Quant Title : SVOA CALIBRATION

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

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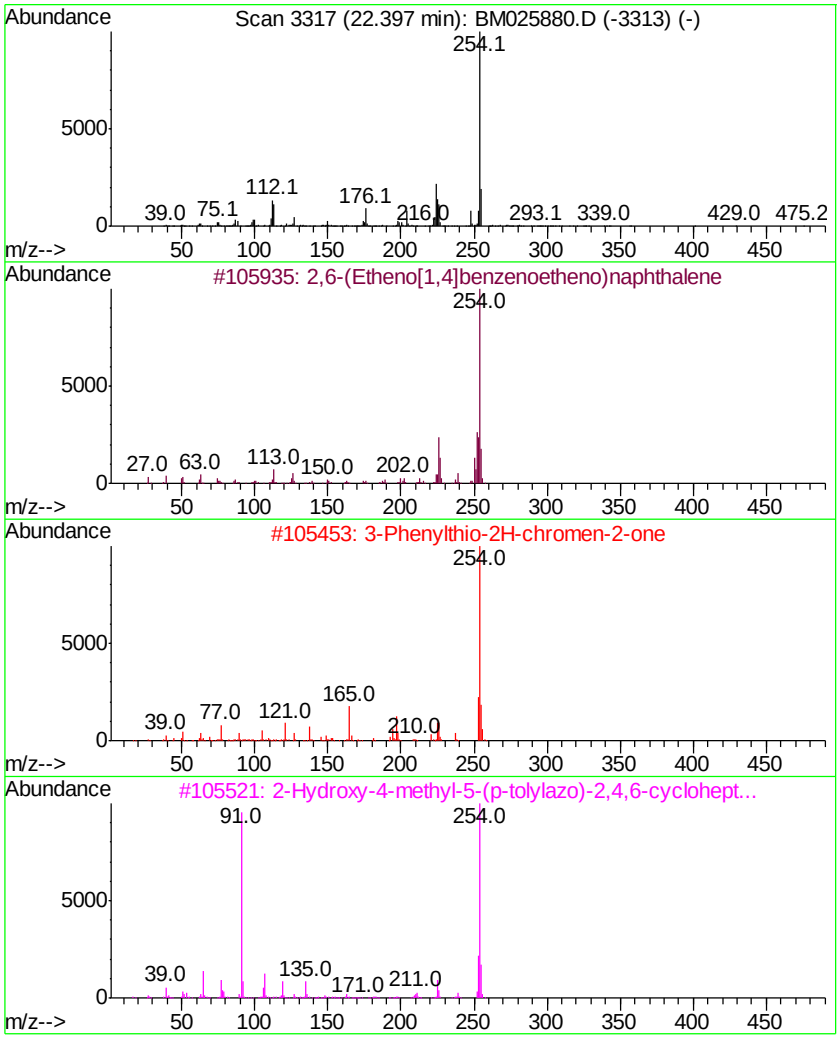
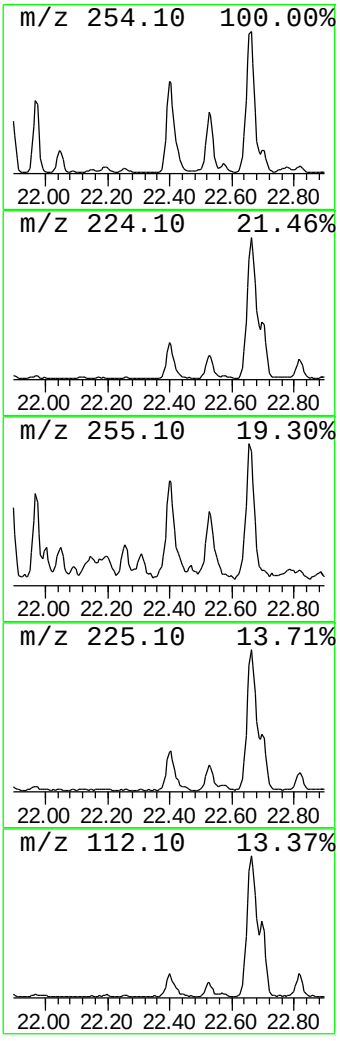
Peak Number 17 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	11.48 ng/ul	1997770	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	59
2	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	58
3	2-Hydroxy-4-methyl-5-(p-tolylazo...	254	C15H14N2O2	066777-90-0	53
4	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	53
5	Estra-1,3,5(10),16-tetraen-3-ol	254	C18H22O	001150-90-9	49





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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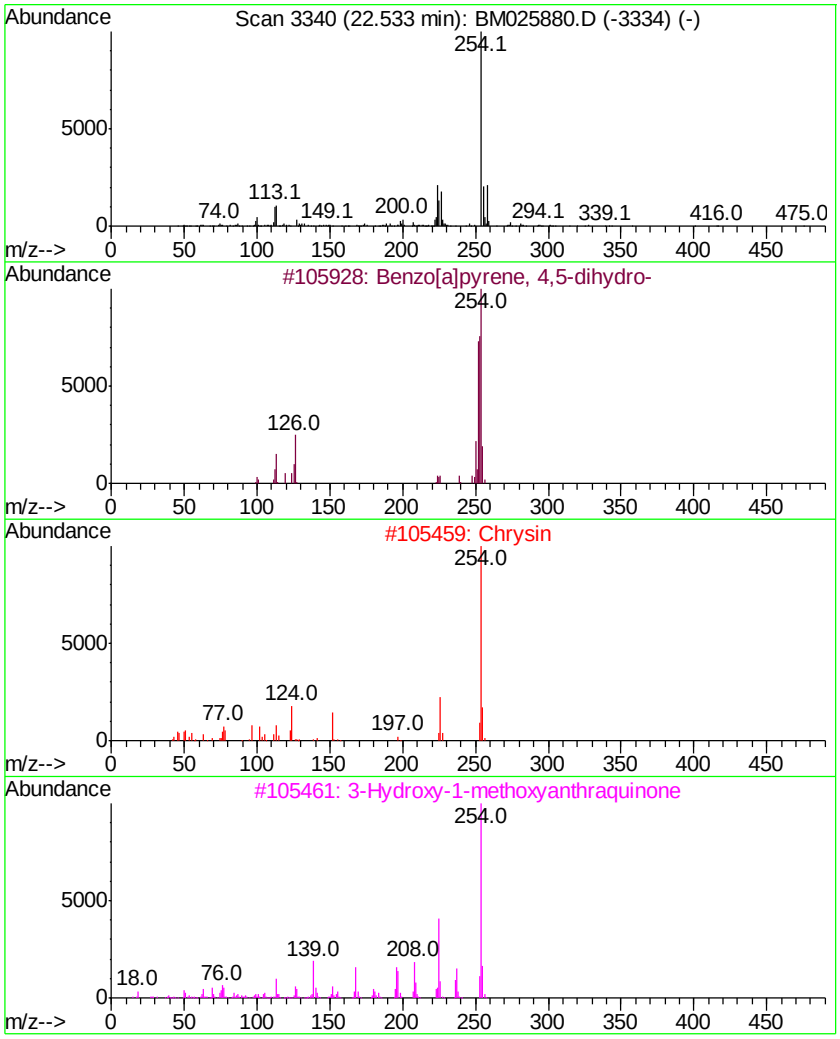
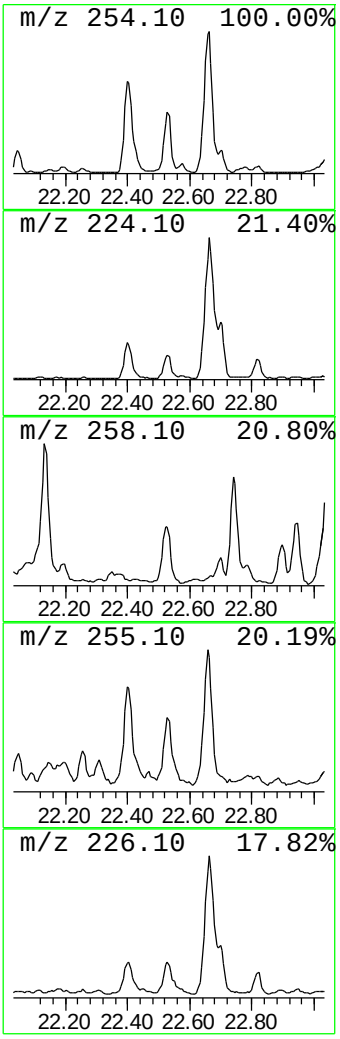
Peak Number 18 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	4.28 ng/ul	745090	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	53
2	Chrysin	254	C15H10O4	000480-40-0	52
3	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	52
4	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	50
5	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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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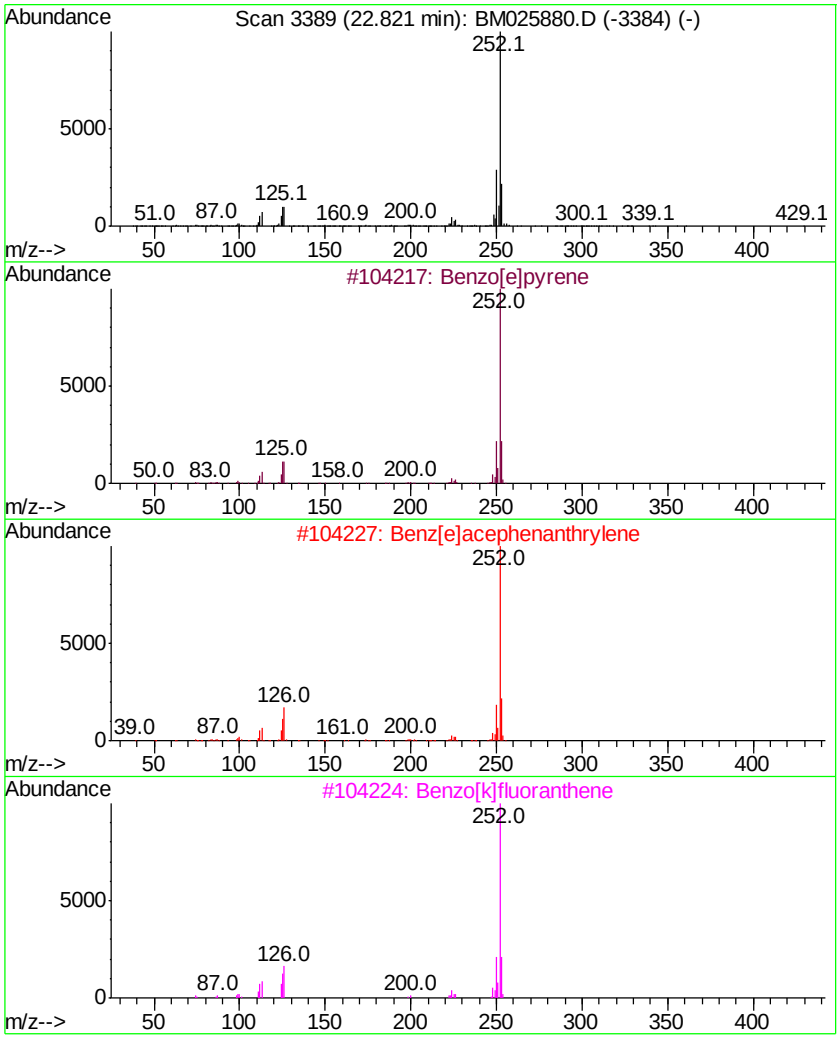
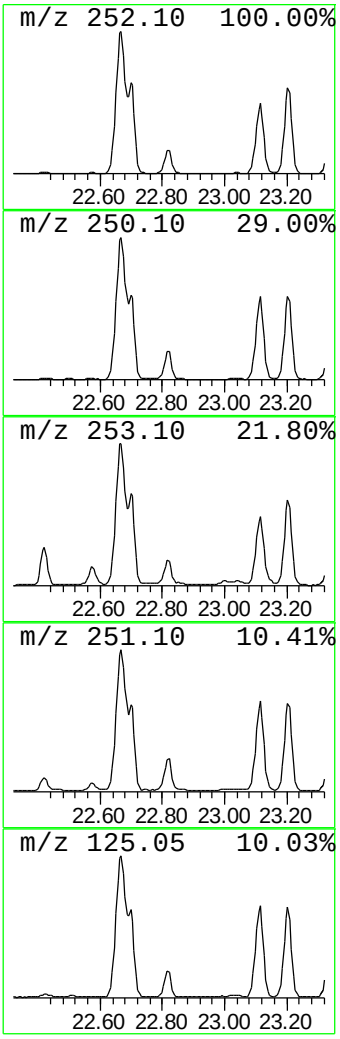
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	10.92 ng/ul	1899250	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Library Search Compound Report

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Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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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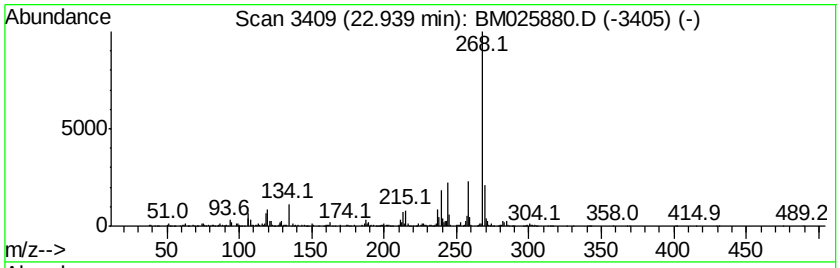
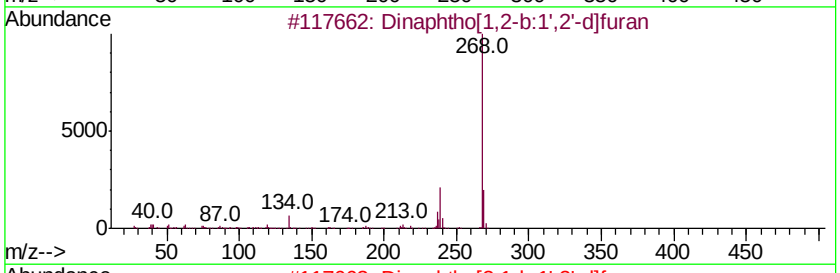
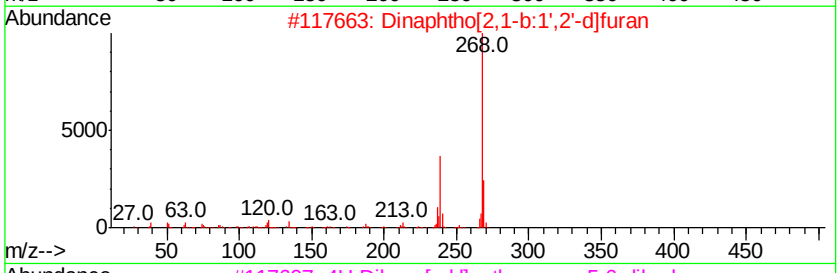
Peak Number 21 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 4

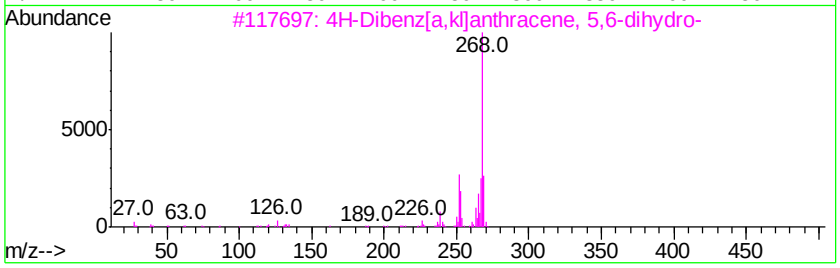
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	7.93 ng/ul	1379580	Perylene-d12	23.29

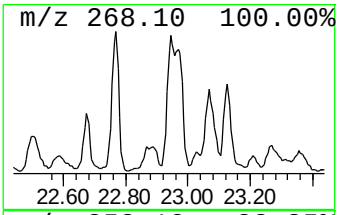
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
3	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	53
4	9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	53
5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	53

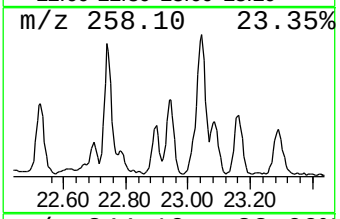


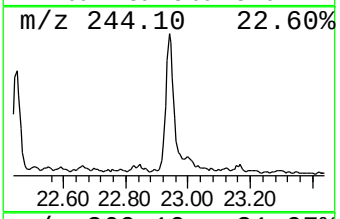


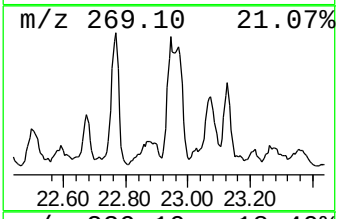


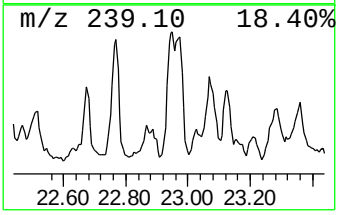












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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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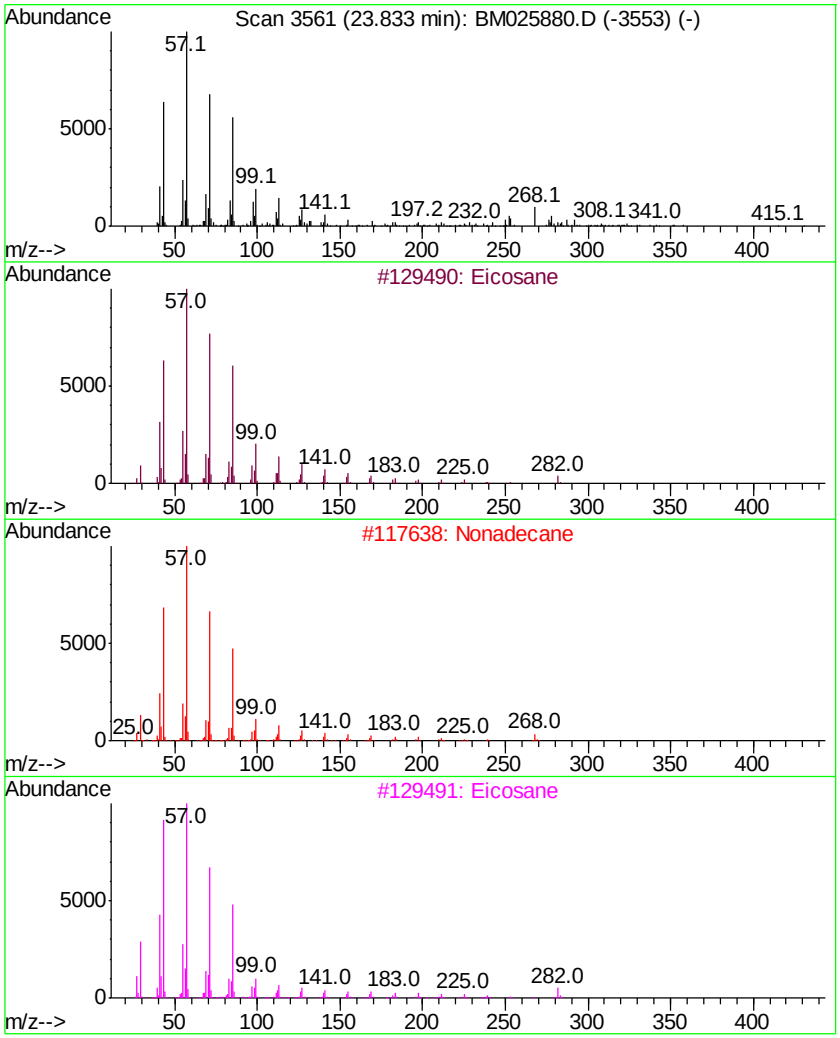
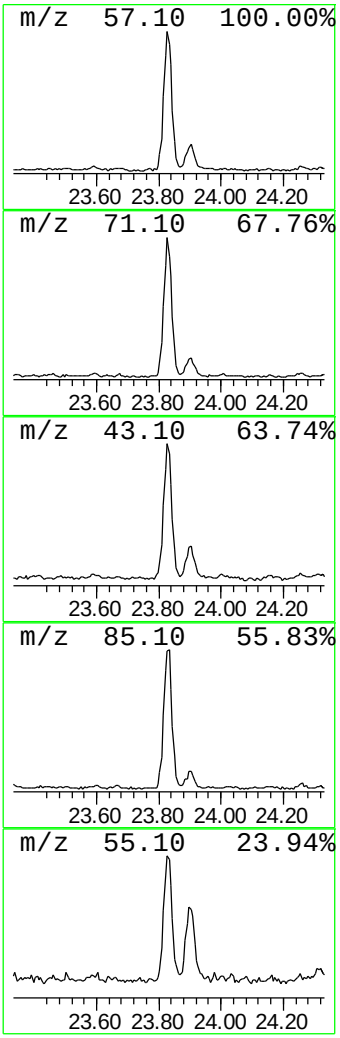
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	5.34 ng/ul	928709	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Nonadecane	268	C19H40	000629-92-5	80
5	Heneicosane	296	C21H44	000629-94-7	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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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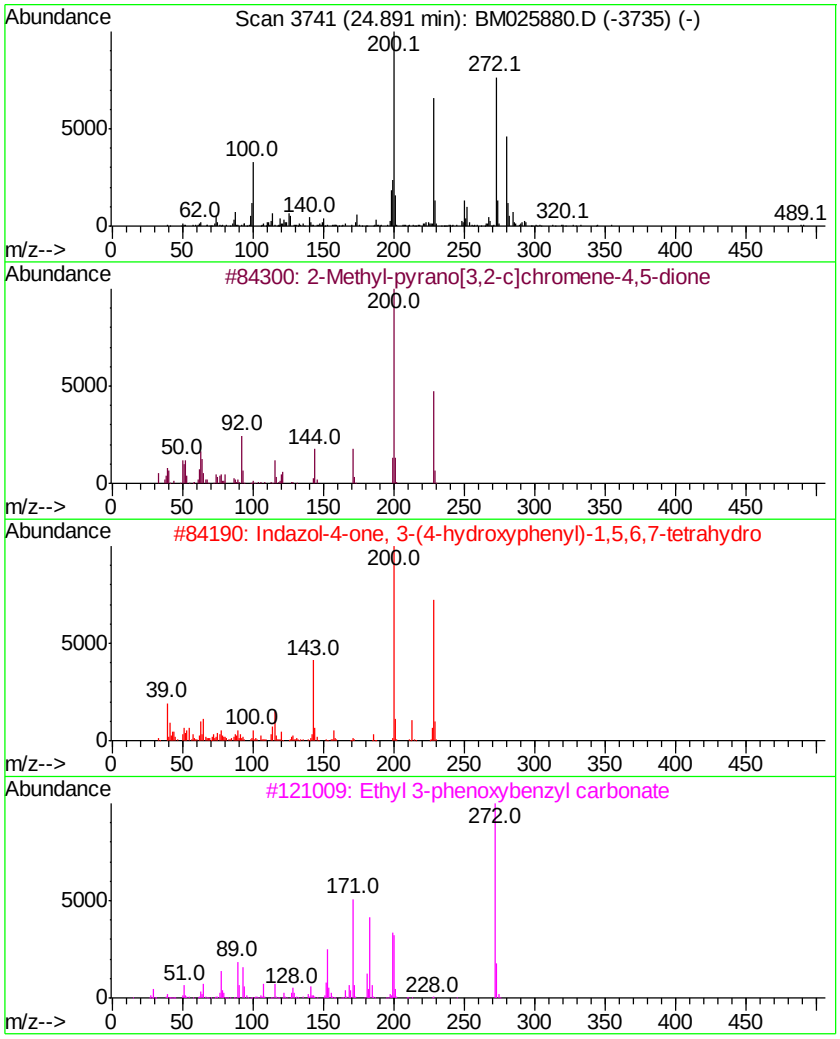
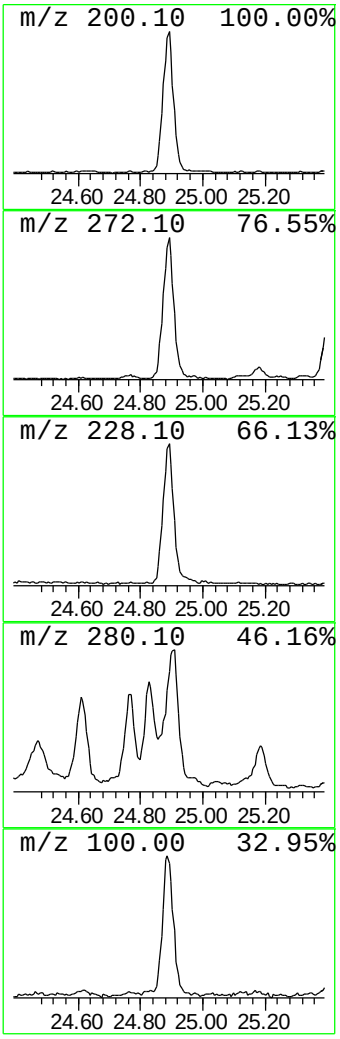
Peak Number 23 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	6.83 ng/ul	1189130	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-pyrano[3,2-c]chromene-4...	228	C13H8O4	1000301-16-7	27
2	Indazol-4-one, 3-(4-hydroxyphenyl...	228	C13H12N2O2	1000302-25-4	22
3	Ethyl 3-phenoxybenzyl carbonate	272	C16H16O4	1000373-80-2	22
4	Pyridine, 2-[(1-methylethyl)thio...	305	C20H19NS	074663-74-4	18
5	9,10-Anthracenedione, 1,2,5,8-te...	272	C14H8O6	000081-61-8	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040120\
Data File : BM025880.D
Acq On : 01 Apr 2020 00:03
Operator : CG/JU
Sample : L2062-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E00

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
Indene	8.09	2.4	ng/ul	135722	1	7.56	1149700	20.0
n-Hexadecanoic acid	17.87	2.5	ng/ul	315817	4	16.94	2473500	20.0
unknown-01	18.02	2.3	ng/ul	281352	4	16.94	2473500	20.0
Cyclopenta(def)ph...	18.89	9.4	ng/ul	1157140	4	16.94	2473500	20.0
Fluoranthene, 2-m...	19.84	3.4	ng/ul	1949310	5	21.14	11517200	20.0
Pyrene, 1-methyl-	20.03	4.1	ng/ul	2362500	5	21.14	11517200	20.0
Pyrene, 4-methyl-	20.17	2.6	ng/ul	1526470	5	21.14	11517200	20.0
Benzo[b]naphtho[2...	20.79	2.4	ng/ul	1395400	5	21.14	11517200	20.0
Cyclopenta(cd)pyr...	20.83	2.1	ng/ul	1198970	5	21.14	11517200	20.0
Cyclopenta[cd]pyrene	20.86	5.7	ng/ul	3304320	5	21.14	11517200	20.0
Naphtho[2,1,8,7-k...	21.44	2.5	ng/ul	1447690	5	21.14	11517200	20.0
Triphenylene, 2-m...	21.68	3.7	ng/ul	2144560	5	21.14	11517200	20.0
Benz[a]anthracene...	21.73	2.2	ng/ul	1260780	5	21.14	11517200	20.0
9H-Cyclopenta[a]p...	21.87	2.4	ng/ul	1359100	5	21.14	11517200	20.0
2,6-(Etheno[1,4]b...	22.40	11.5	ng/ul	1997770	6	23.29	3479780	20.0
Benzo[a]pyrene, 4...	22.53	4.3	ng/ul	745090	6	23.29	3479780	20.0
Benzo[e]pyrene	22.82	10.9	ng/ul	1899250	6	23.29	3479780	20.0
Dinaphtho[1,2-b:1...	22.94	7.9	ng/ul	1379580	6	23.29	3479780	20.0
(DEL) Alkane: Str...	23.83	5.3	ng/ul	928709	6	23.29	3479780	20.0
unknown-02	24.89	6.8	ng/ul	1189130	6	23.29	3479780	20.0