LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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	6.745	649	656	668	rVB	727338	1144081	10.56%	0.868%
2	6.904	677	683	692	rBV	555395	837810	7.73%	0.636%
3	7.098	709	716	725	rVB	770389	1169242	10.79%	0.888%
4	7.557	788	794	805	rVB	715700	1091116	10.07%	0.828%
5	8.092	878	885	894	rBV2	40483	69982	0.65%	0.053%
6	8.263	908	914	926	rBV	912206	1431283	13.21%	1.086%
7	8.698	980	988	996	rBV	689929	1107381	10.22%	0.841%
8	9.416	1103	1110	1118	rBV	556341	889823	8.21%	0.675%
9	9.951	1194	1201	1212	rBV	944945	1497090	13.82%	1.136%
10	10.322	1256	1264	1280	rVB	968145	1583656	14.62%	1.202%
11	10.463	1280	1288	1305	rBV	1405312	2356536	21.76%	1.789%
12	13.616	1818	1824	1829	rBV	1637032	2196812	20.28%	1.668%
13	13.663	1829	1832	1838	rVB	330760	418050	3.86%	0.317%
14	13.886	1864	1870	1883	rBV	1933953	2937398	27.12%	2.230%
15	14.198	1916	1923	1931	rVV2	1479932	2112421	19.50%	1.604%
16	14.404	1952	1958	1971	rBV	695558	1035351	9.56%	0.786%
17	15.198	2086	2093	2099	rBV	2457315	3407935	31.46%	2.587%
18	15.251	2099	2102	2108	rVB2	40715	56046	0.52%	0.043%
19	15.321	2108	2114	2121	rBV	723045	985839	9.10%	0.748%
20	15.921	2211	2216	2223	rVV2	79384	135717	1.25%	0.103%
21	16.945	2384	2390	2395	rBV	1806354	2465734	22.76%	1.872%
22	16.986	2395	2397	2401	rVV	91795	100791	0.93%	0.077%
23	17.045	2401	2407	2410	rVV	2665531	3994245	36.88%	3.032%
24	17.074	2410	2412	2419	rVV	2384843	3086065	28.49%	2.343%
25	17.139	2419	2423	2430	rVV2	56992	99246	0.92%	0.075%
26	17.351	2454	2459	2463	rBV2	81807	118762	1.10%	0.090%
27	17.392	2463	2466	2471	rBV3	33070	51705	0.48%	0.039%
28	17.468	2476	2479	2484	rVB2	57519	83950	0.78%	0.064%
29	17.868	2543	2547	2554	rBV3	206310	308044	2.84%	0.234%
30	17.945	2556	2560	2565	rVV	158963	237973	2.20%	0.181%
31	18.015	2566	2572	2582	rVV2	201240	384196	3.55%	0.292%
32	18.209	2603	2605	2613	rVB4	49951	69707	0.64%	0.053%
33	18.362	2628	2631	2637	rVB4	49040	69233	0.64%	0.053%
34	18.550	2659	2663	2665	rBV5	38518	60373	0.56%	0.046%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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	18.662	2679	2682	2690	rVB2	77629	110359	1.02%	0.084%
36	18.745	2691	2696	2702	rBV2	149108	251280	2.32%	0.191%
37	18.809	2702	2707	2711	rVV3	96118	154525	1.43%	0.117%
38	18.880	2715	2719	2727	rBV	435392	674635	6.23%	0.512%
39	19.009	2735	2741	2747	rVB	4298820	5535192	51.10%	4.202%
40	19.080	2749	2753	2755	rBV3	76250	121497	1.12%	0.092%
41	19.103	2755	2757	2762	rVB	125323	173357	1.60%	0.132%
42	19.156	2762	2766	2770	rVB2	83797	97483	0.90%	0.074%
43	19.250	2775	2782	2787	rBV3	165644	358697	3.31%	0.272%
44	19.345	2792	2798	2800	rVV	3604179	5127896	47.34%	3.893%
45	19.374	2800	2803	2812	rVV	6303026	7932047	73.23%	6.021%
46	19.456	2812	2817	2823	rVB4	155209	310084	2.86%	0.235%
47	19.556	2830	2834	2837	rBV	246665	319038	2.95%	0.242%
48	19.609	2840	2843	2850	rVB2	187144	310287	2.86%	0.236%
49	19.703	2853	2859	2870	rBV4	506512	1126929	10.40%	0.855%
50	19.792	2871	2874	2877	rBV3	64088	84910	0.78%	0.064%
51	19.850	2877	2884	2886	rBV4	597635	1290241	11.91%	0.979%
52	19.927	2894	2897	2900	rBV3	77556	101115	0.93%	0.077%
53	19.974	2900	2905	2908	rVV2	597875	712935	6.58%	0.541%
54	20.027	2908	2914	2918	rVV3	771161	1225695	11.32%	0.930%
55	20.068	2918	2921	2925	rVV2	216626	282084	2.60%	0.214%
56	20.115	2925	2929	2933	rVB	117776	147364	1.36%	0.112%
57	20.168	2934	2938	2942	rBV	636010	812081	7.50%	0.616%
58	20.215	2942	2946	2951	rVB2	312332	510120	4.71%	0.387%
59	20.427	2979	2982	2986	rBV4	203858	330898	3.05%	0.251%
60	20.539	2998	3001	3004	rVB3	177491	190094	1.75%	0.144%
61	20.580	3004	3008	3011	rBV2	156732	271071	2.50%	0.206%
62	20.621	3011	3015	3022	rVB2	471173	752187	6.94%	0.571%
63	20.786	3036	3043	3047	rBV3	605806	1110472	10.25%	0.843%
64	20.827	3047	3050	3053	rVV	658522	832099	7.68%	0.632%
65	20.862	3053	3056	3057	rVV	1184599	1297647	11.98%	0.985%
66	20.880	3057	3059	3063	rVV3	1314284	1555415	14.36%	1.181%
67	20.915	3063	3065	3073	rVB2	354494	488834	4.51%	0.371%
68	21.027	3081	3084	3089	rVB	198295	278008	2.57%	0.211%
69	21.127	3093	3101	3107	rBV2	4471423	10153025	93.73%	7.707%
70	21.180	3107	3110	3116	rVB	5414842	6809050	62.86%	5.169%
71	21.262	3121	3124	3126	rBV2	125898	132683	1.22%	0.101%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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	21.297	3126	3130	3131	rBV2	231428	275887	2.55%	0.209%
73	21.391	3144	3146	3151	rVB3	298727	382684	3.53%	0.290%
74	21.439	3151	3154	3161	rVV	495413	752390	6.95%	0.571%
75	21.497	3161	3164	3172	rVB2	331635	532237	4.91%	0.404%
76	21.627	3183	3186	3189	rBV	250229	363857	3.36%	0.276%
77	21.680	3189	3195	3199	rVB	705200	1037702	9.58%	0.788%
78	21.727	3200	3203	3206	rBV	329808	457878	4.23%	0.348%
79	21.797	3212	3215	3222	rVB3	238655	449093	4.15%	0.341%
80	21.868	3223	3227	3230	rVV	458428	643713	5.94%	0.489%
81	21.897	3230	3232	3239	rVB4	305738	394910	3.65%	0.300%
82	21.968	3239	3244	3248	rVB2	287152	431804	3.99%	0.328%
83	22.191	3279	3282	3287	rVB2	338190	475116	4.39%	0.361%
84	22.256	3291	3293	3297	rBV2	117883	173056	1.60%	0.131%
85	22.397	3313	3317	3324	rBV2	309871	764885	7.06%	0.581%
86	22.521	3334	3338	3343	rVB2	294616	467025	4.31%	0.355%
87	22.656	3354	3361	3366	rBV2	4935688	10831783	100.00%	8.222%
88	22.815	3383	3388	3396	rVB	613140	948385	8.76%	0.720%
89	22.938	3405	3409	3413	rBV2	251377	478469	4.42%	0.363%
90	23.109	3432	3438	3442	rBV	2133661	3848547	35.53%	2.921%
91	23.156	3442	3446	3450	rVV	2631589	4510936	41.65%	3.424%
92	23.197	3450	3453	3460	rVV	2473514	4186140	38.65%	3.178%
93	23.285	3461	3468	3473	rVV2	1684086	3215462	29.69%	2.441%
94	23.333	3473	3476	3484	rVB2	669224	1247830	11.52%	0.947%
95	23.827	3557	3560	3567	rVB	299553	525071	4.85%	0.399%
96	23.903	3569	3573	3581	rVB5	247816	487725	4.50%	0.370%
97	24.538	3676	3681	3686	rBV4	143430	270326	2.50%	0.205%
98	24.885	3734	3740	3752	rVB3	273523	797178	7.36%	0.605%
99	25.403	3821	3828	3838	rVB2	821939	2155567	19.90%	1.636%
100	26.044	3931	3937	3952	rVB	377605	1064728	9.83%	0.808%

Sum of corrected areas: 131735311

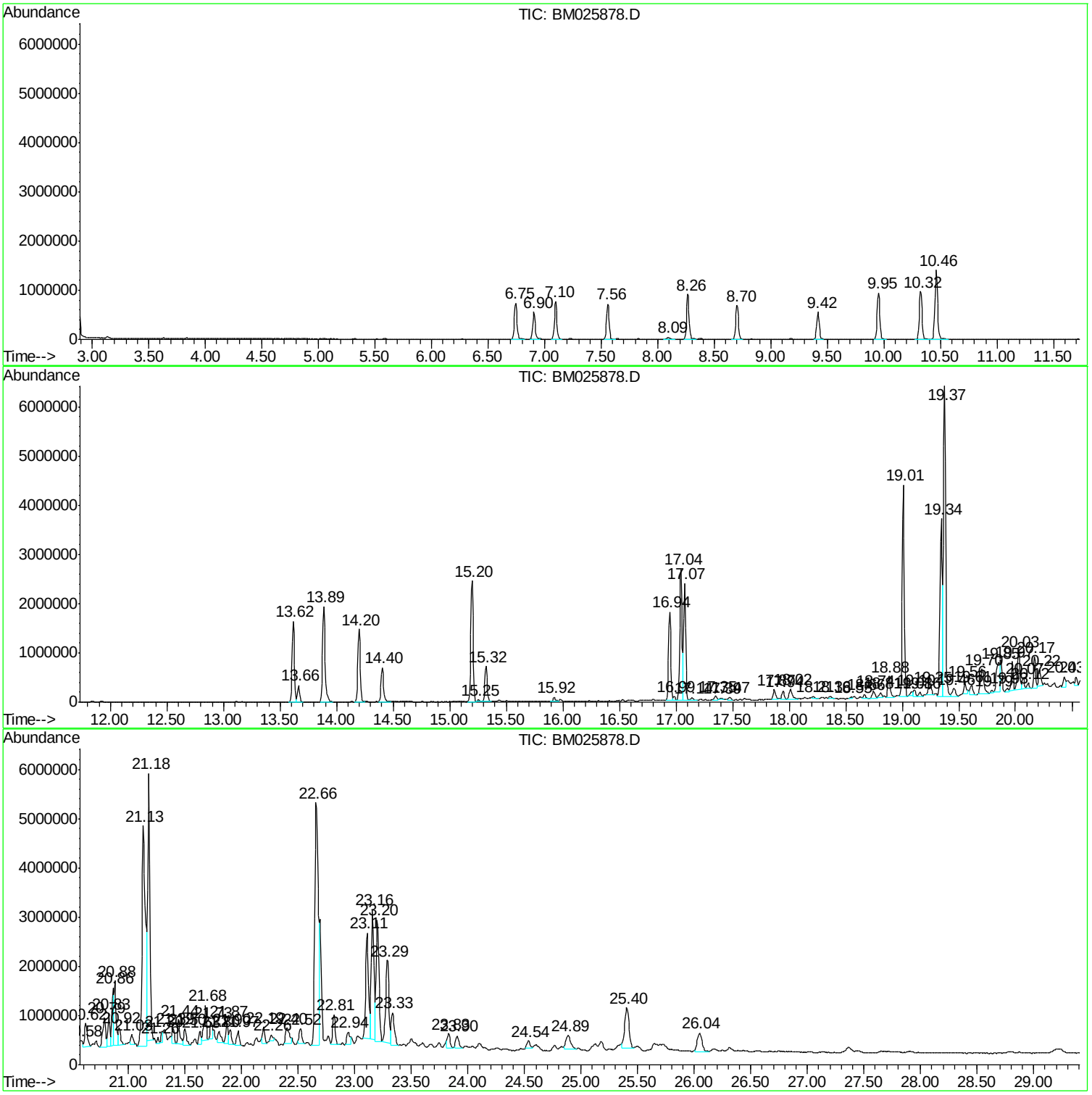
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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 : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

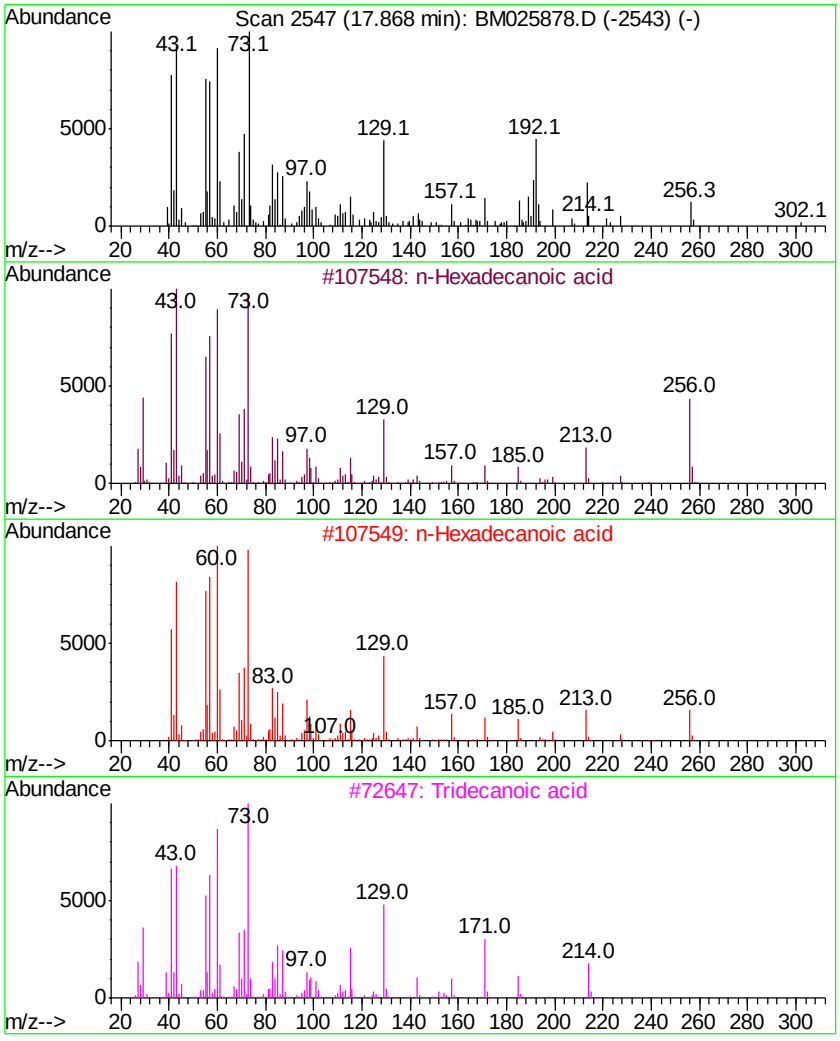
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

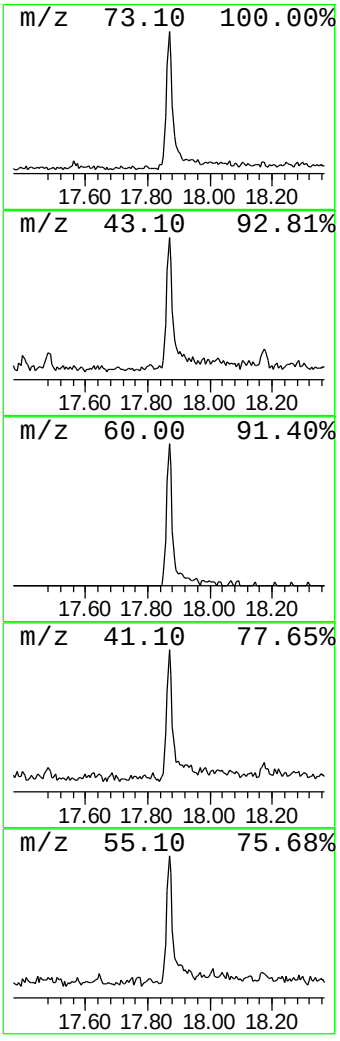
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.50 ng/ul	308044	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

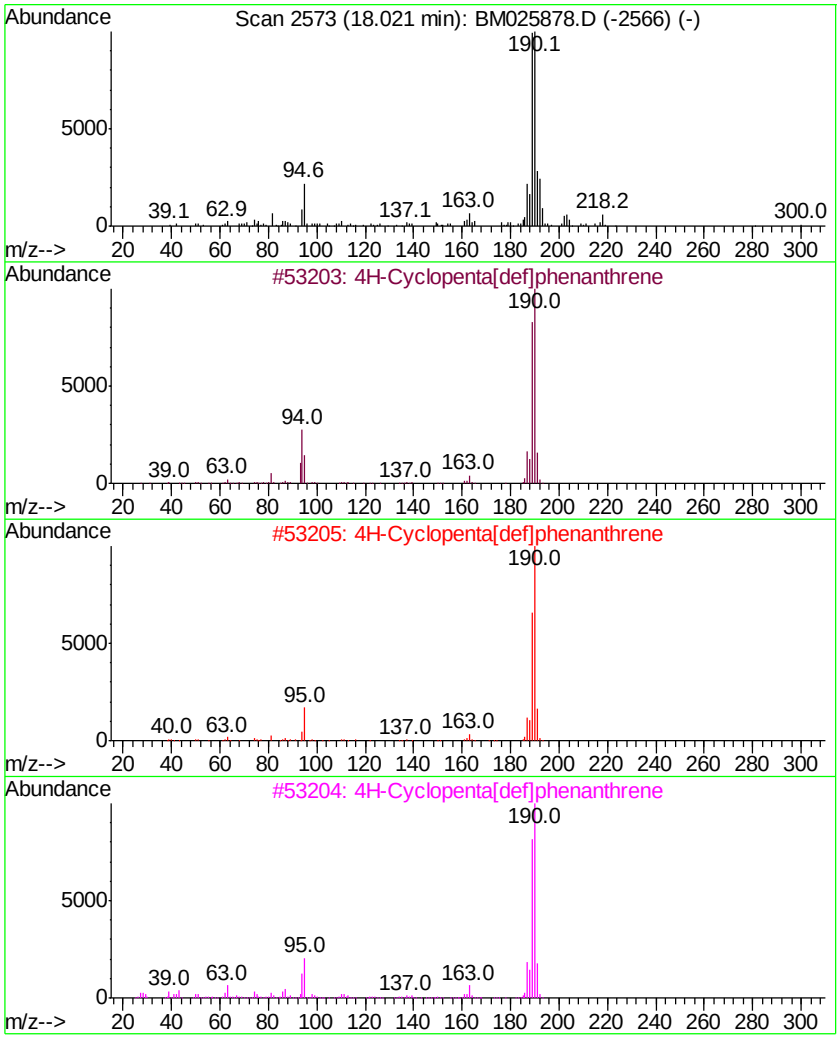
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

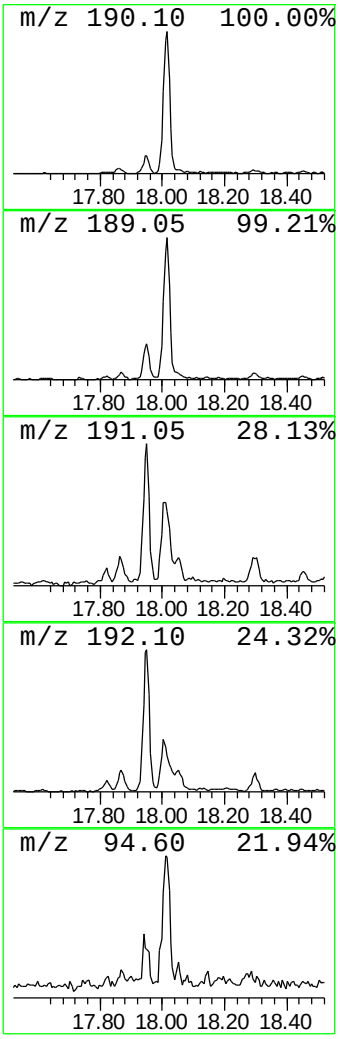
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.12 ng/ul	384196	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

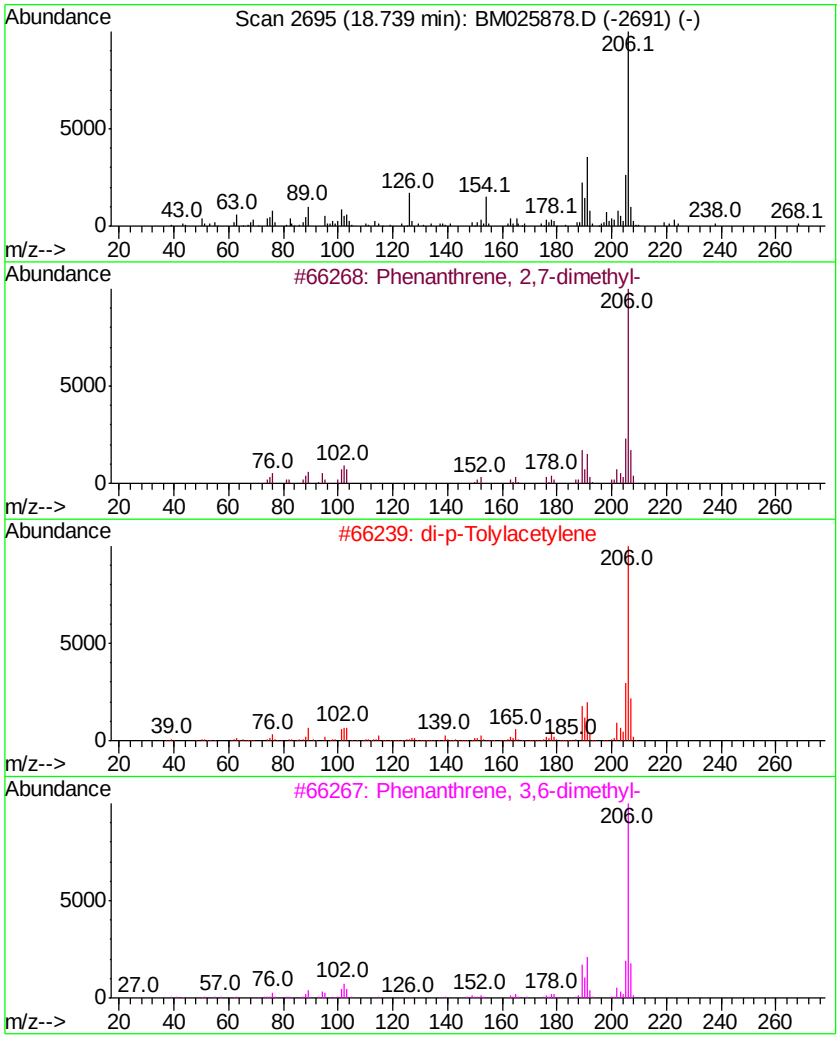
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

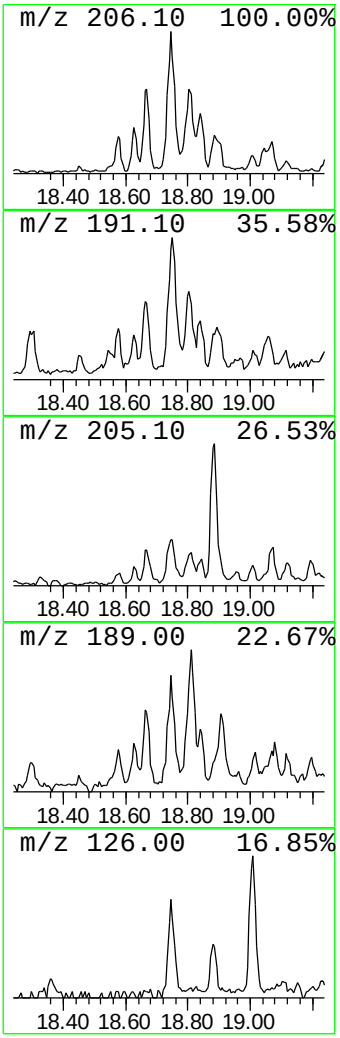
****

Peak Number 3 Phenanthrene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.04 ng/ul	251280	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

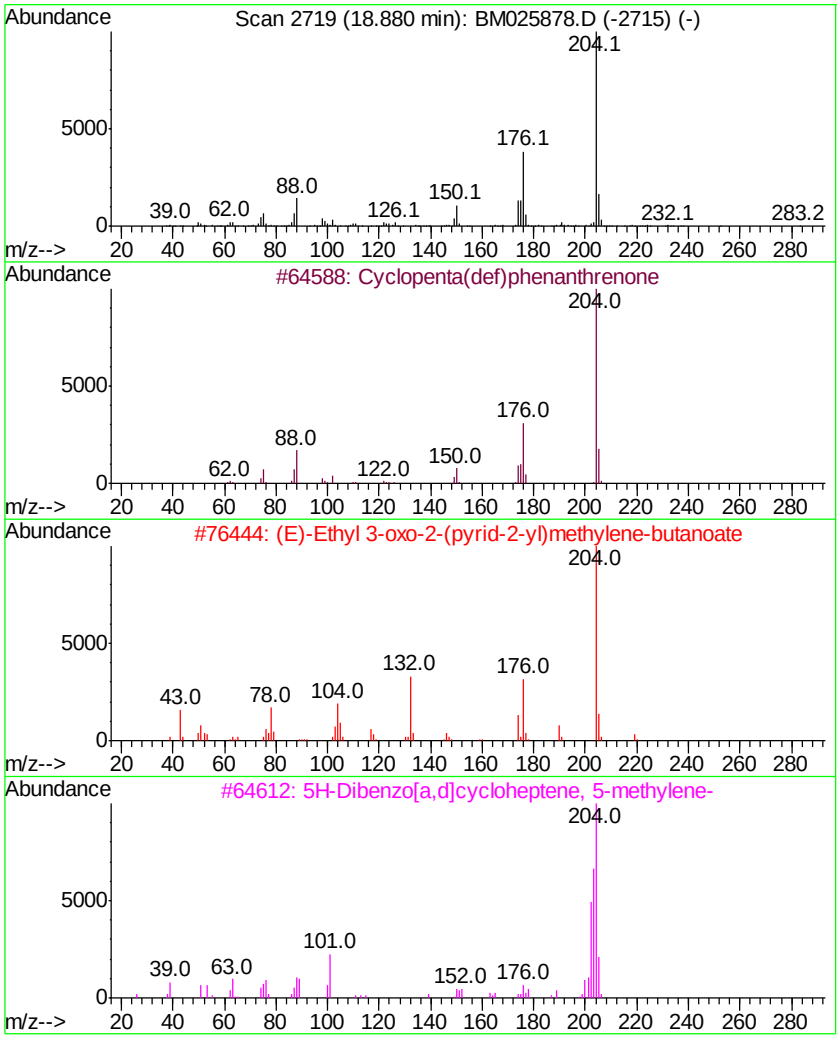
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

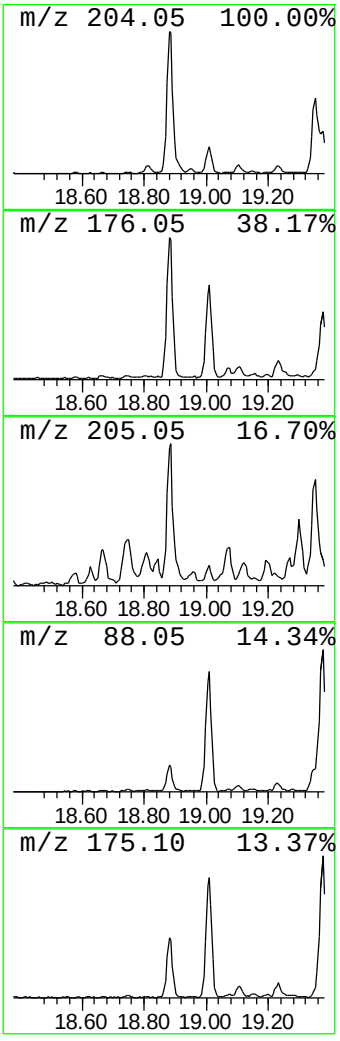
****

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	5.47 ng/ul	674635	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	47
4	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	45
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

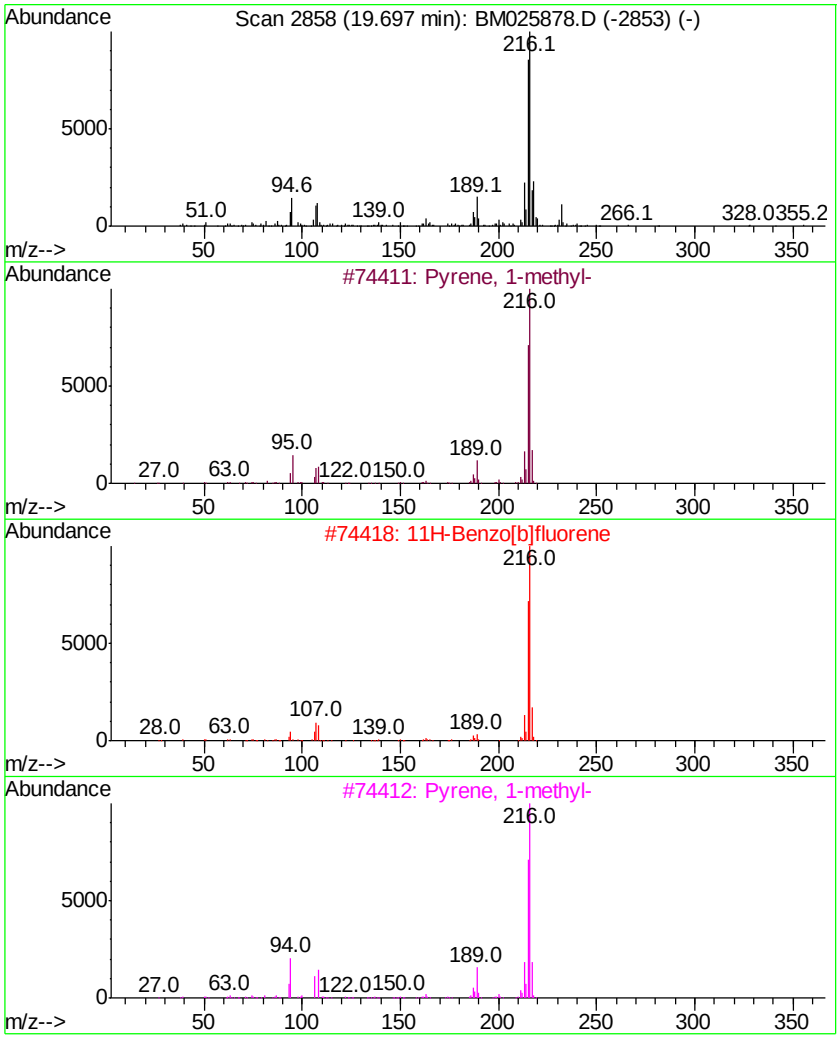
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

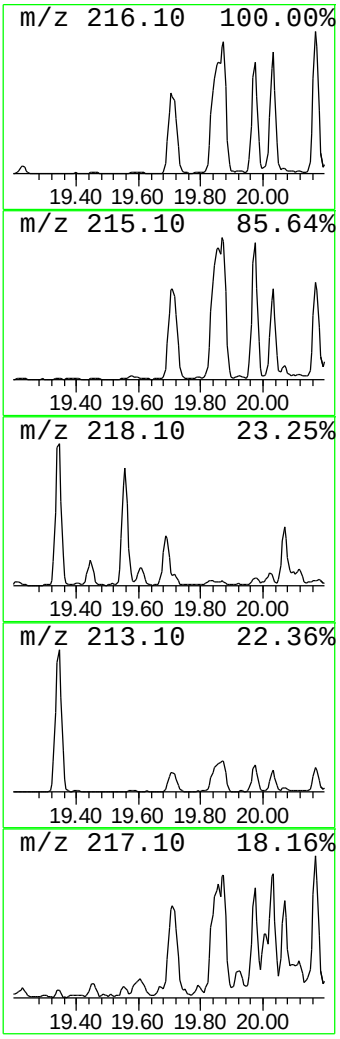
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.22 ng/ul	1126930	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

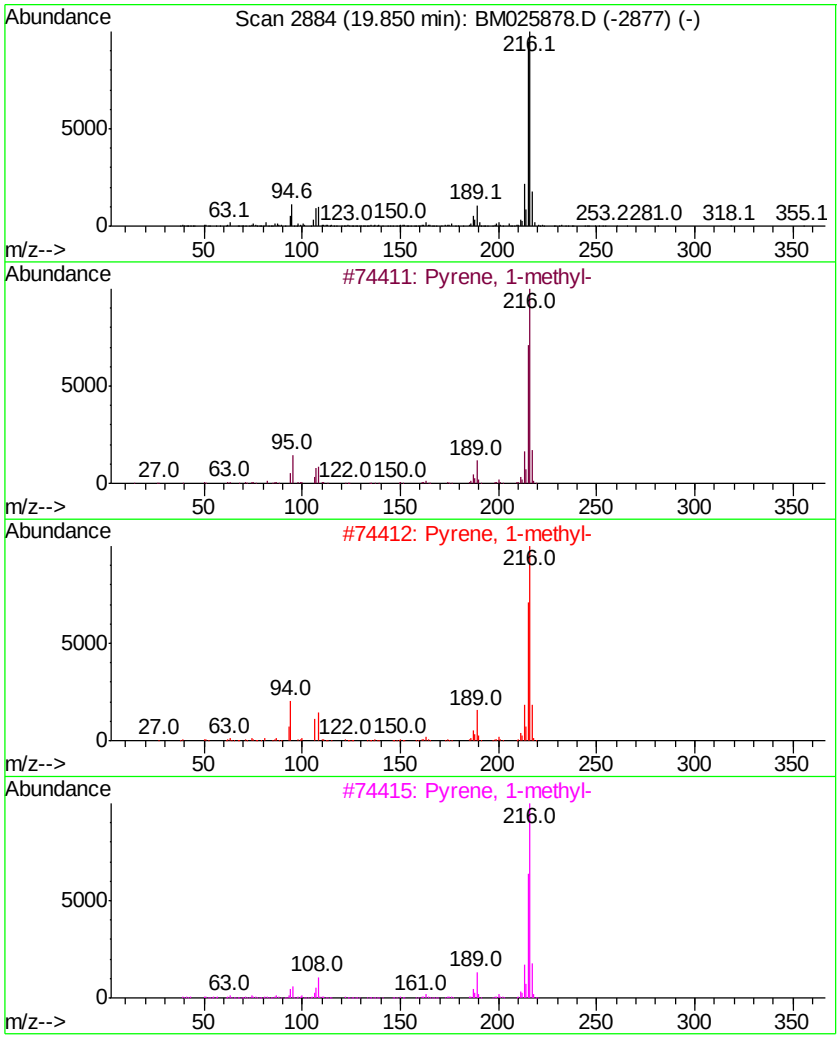
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

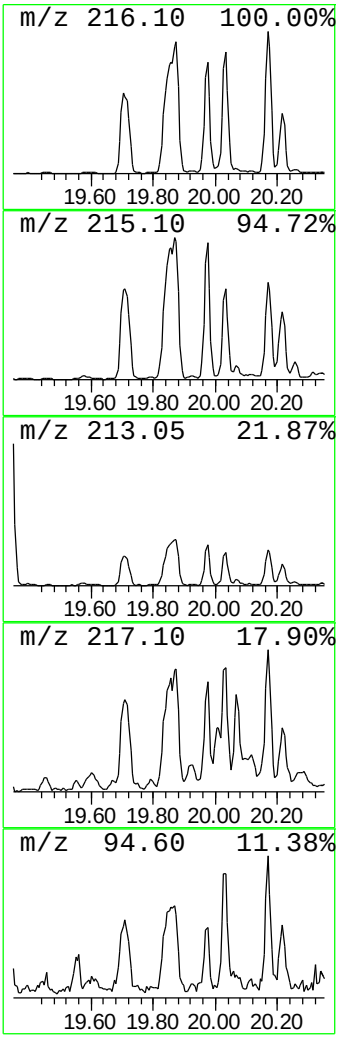
****

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	2.54 ng/ul	1290240	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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

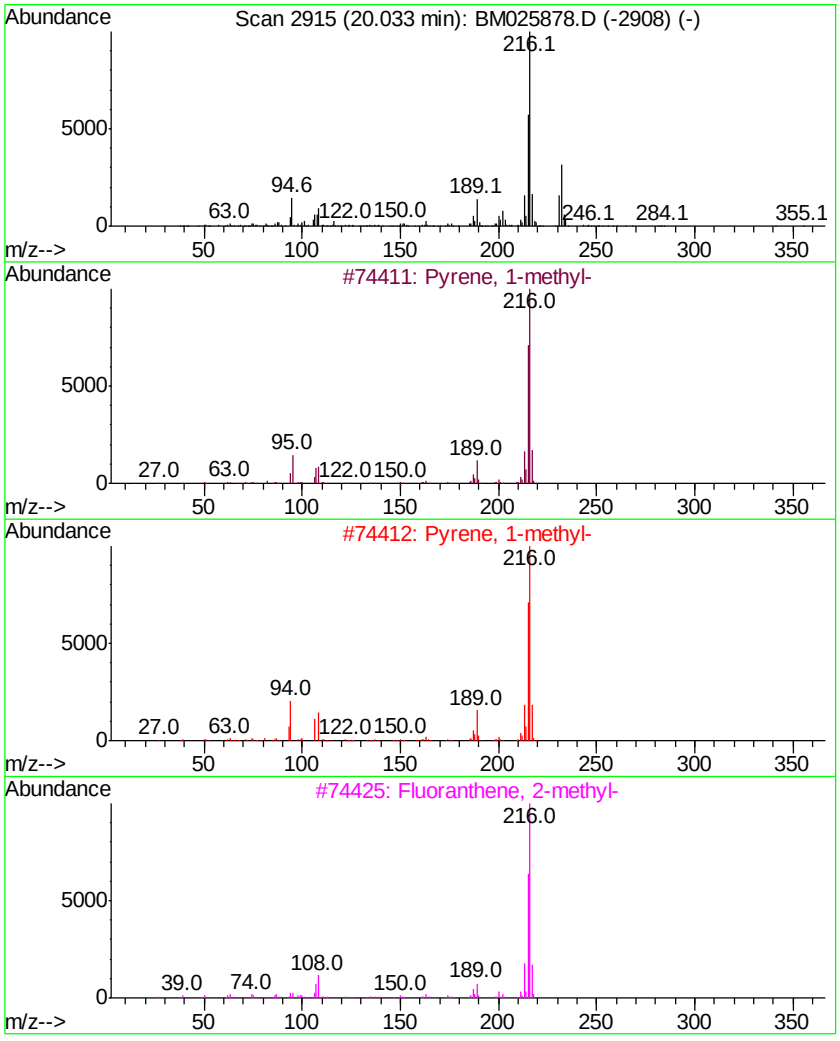
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

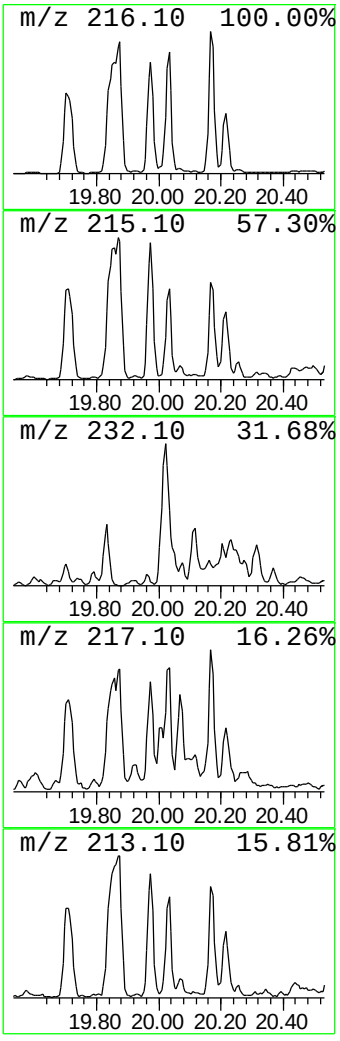
****

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.41 ng/ul	1225700	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

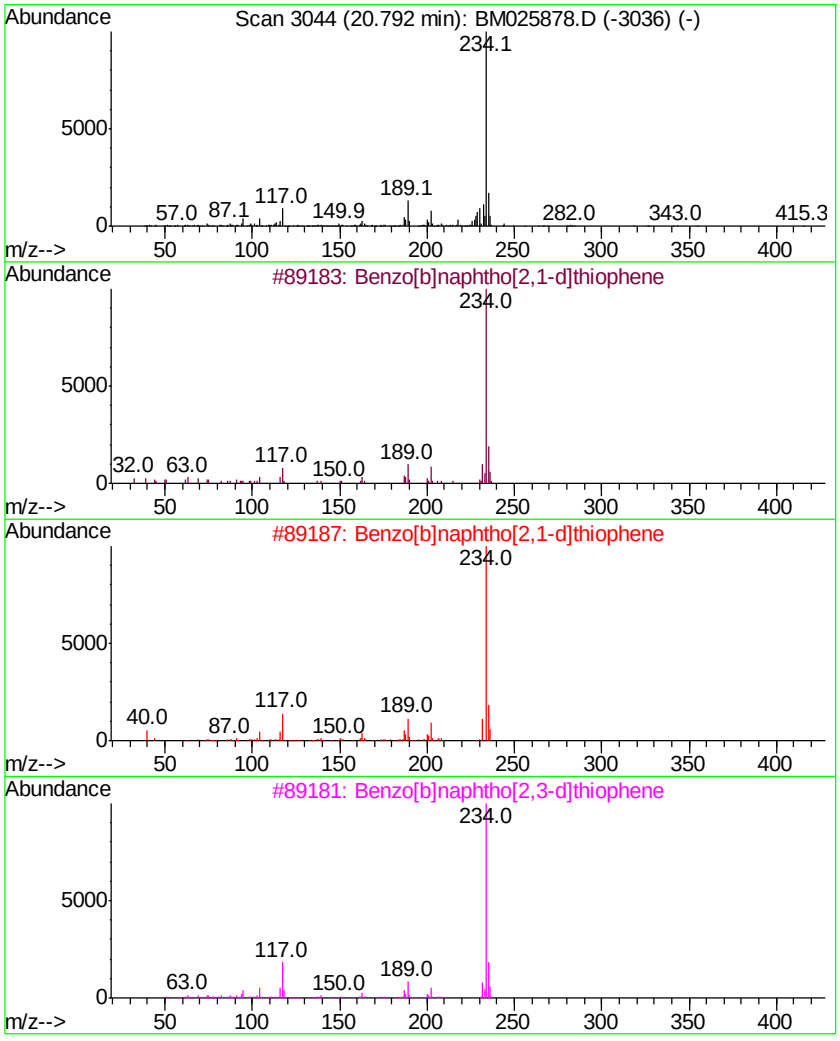
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

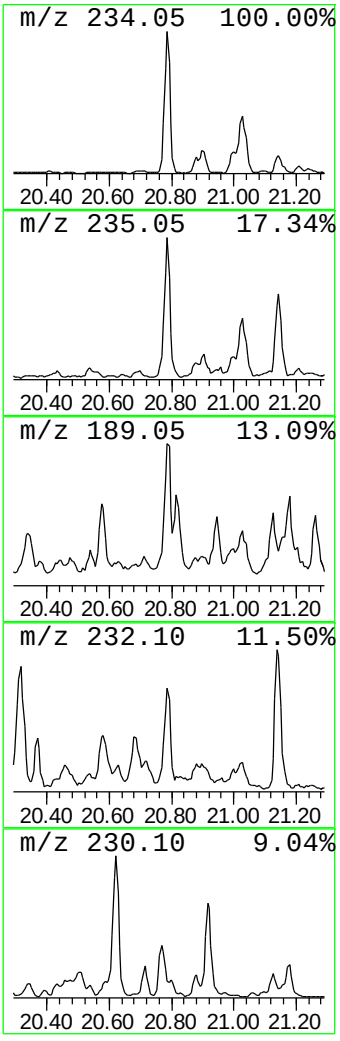
****

Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.19 ng/ul	1110470	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	97
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

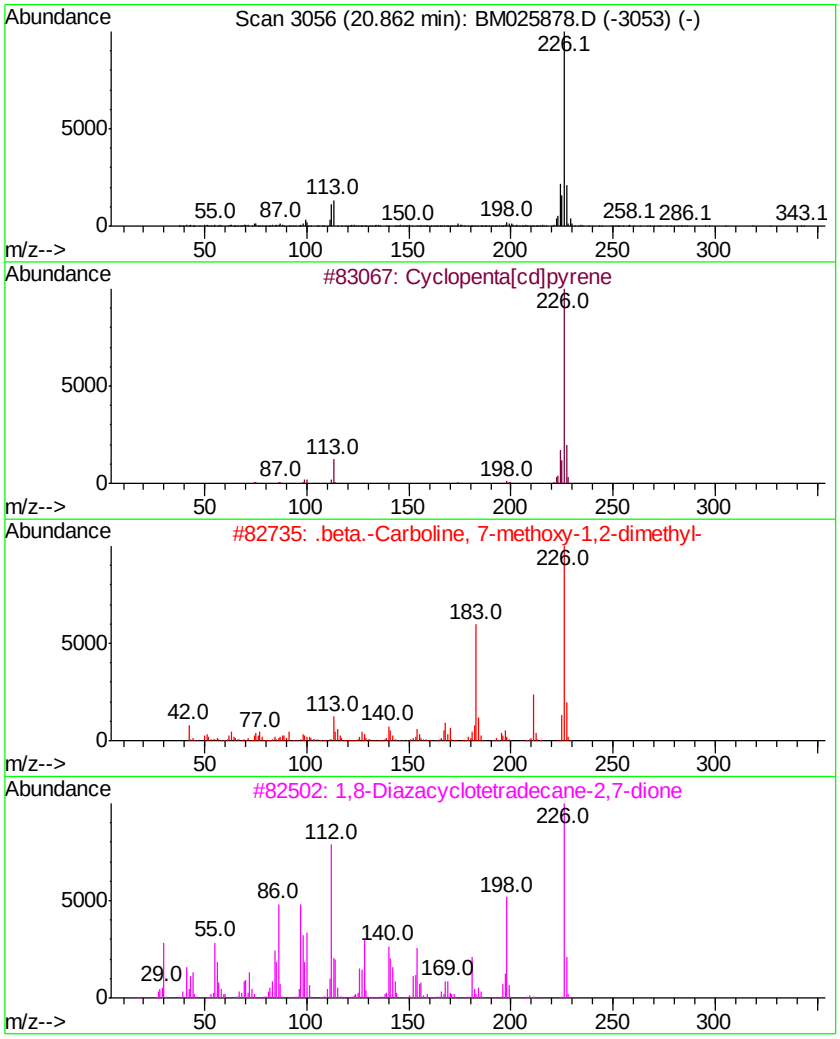
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

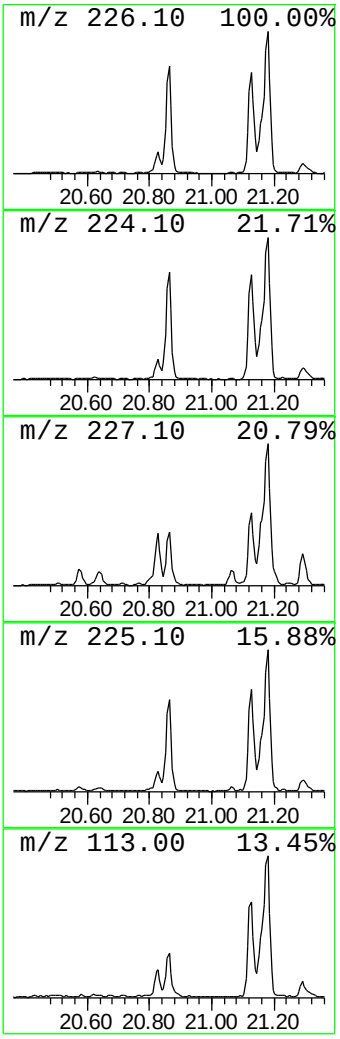
****

Peak Number 9 Cyclopenta[cd]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.56 ng/ul	1297650	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	95
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	33
5	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

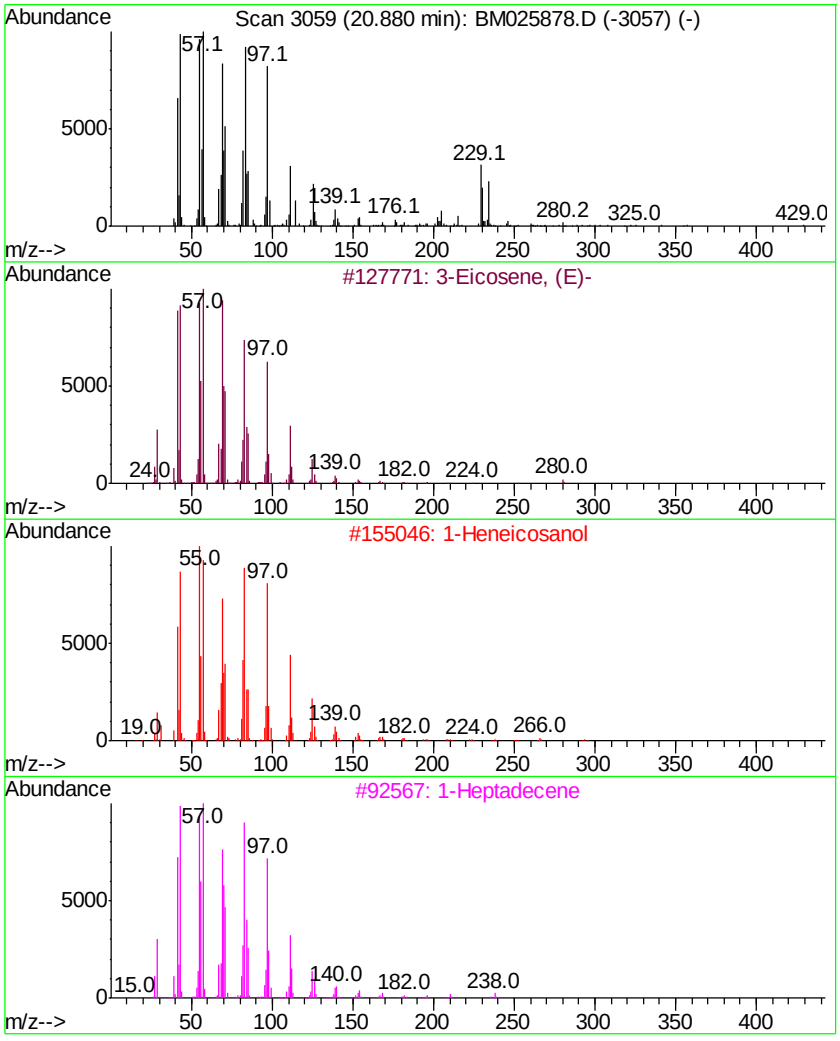
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

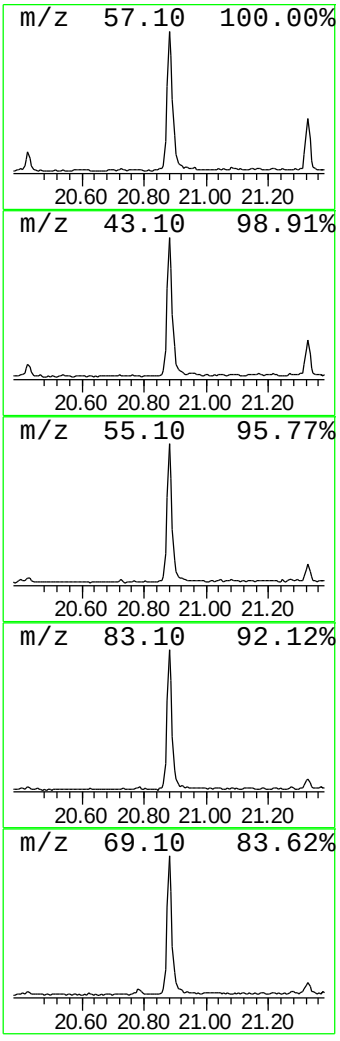
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	3.06 ng/ul	1555420	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	89
3	1-Heptadecene	238	C17H34	006765-39-5	89
4	Behenic alcohol	326	C22H46O	000661-19-8	76
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

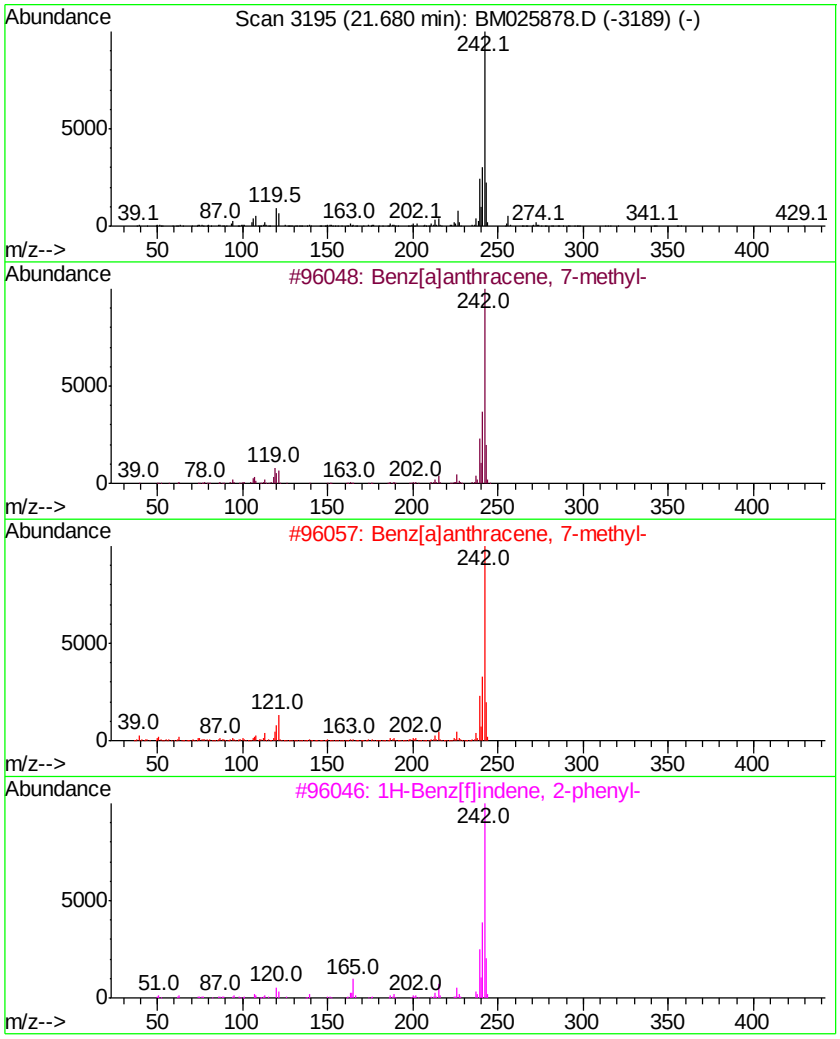
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

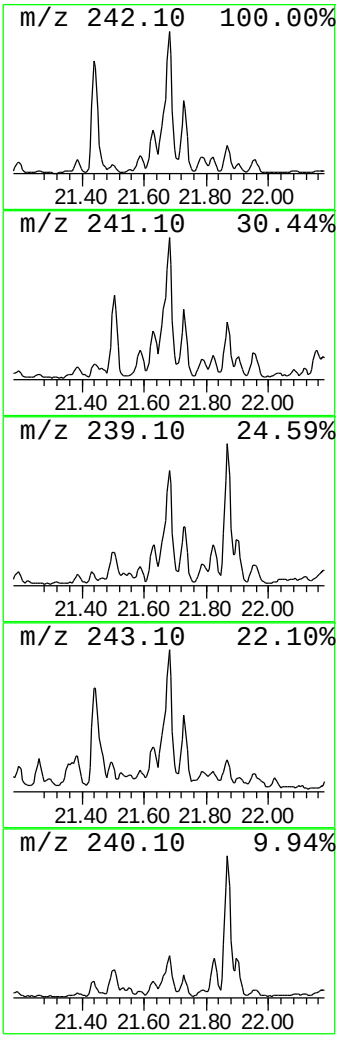
****

Peak Number 11 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	2.04 ng/ul	1037700	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

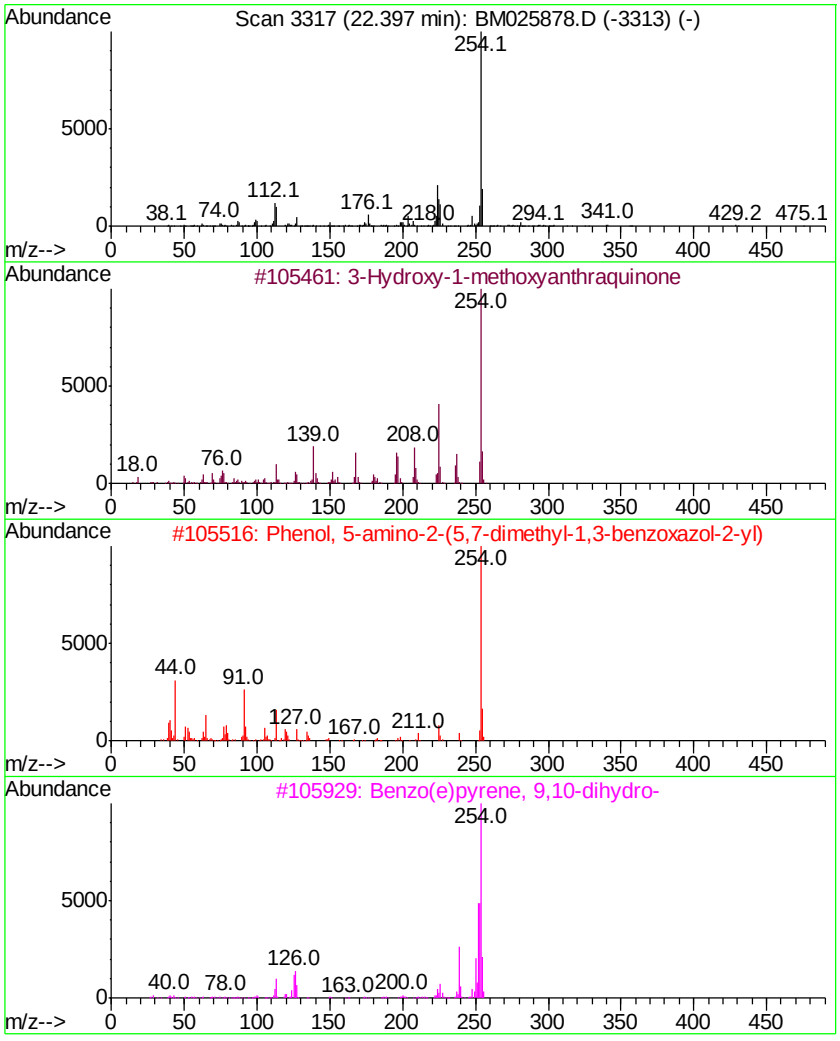
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

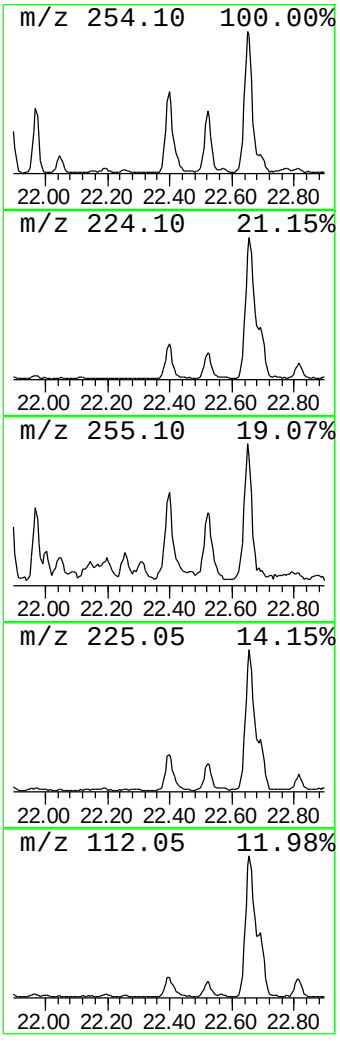
****

Peak Number 12 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	4.76 ng/ul	764885	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	64
2	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	59
3	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	59
4	Chrysin	254	C15H10O4	000480-40-0	53
5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

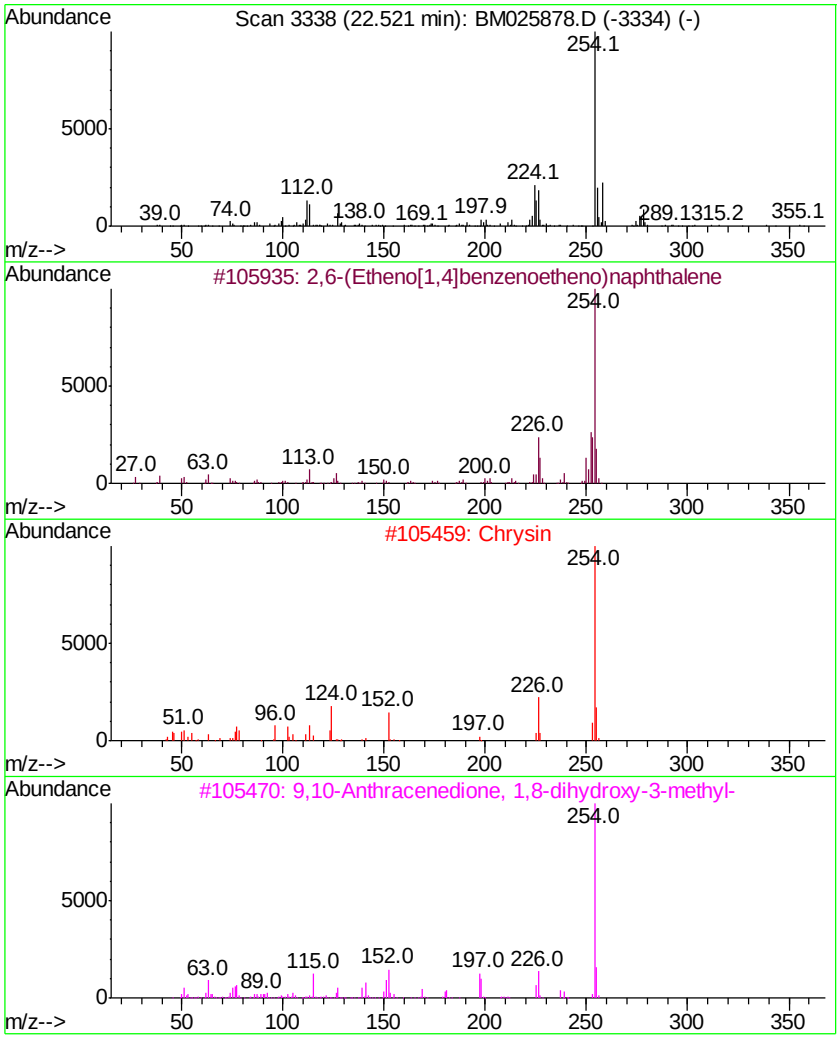
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

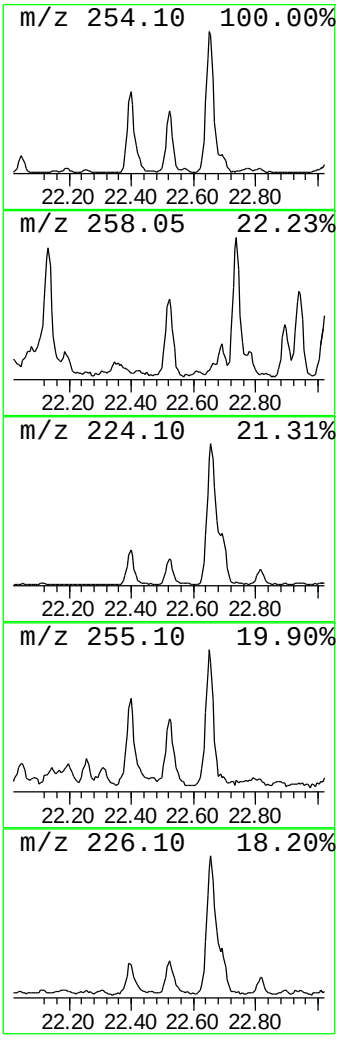
****

Peak Number 13 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.90 ng/ul	467025	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	53
2	Chrysin	254	C15H10O4	000480-40-0	52
3	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	50
4	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	50
5	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

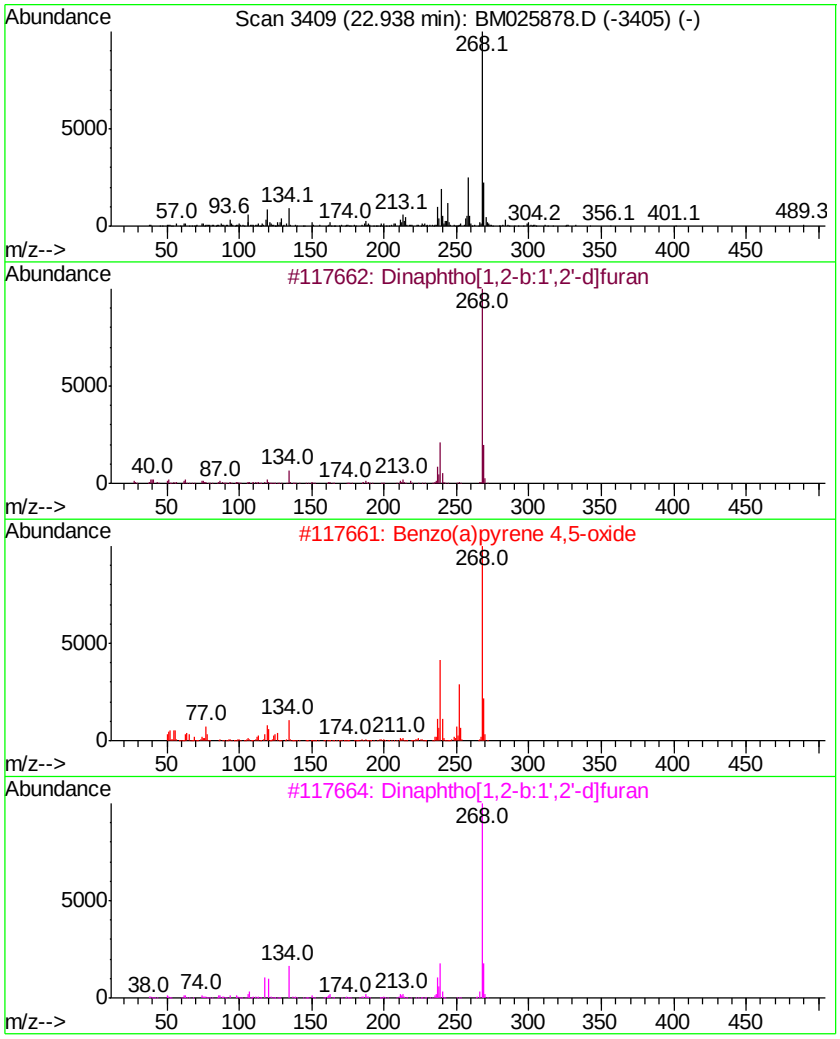
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

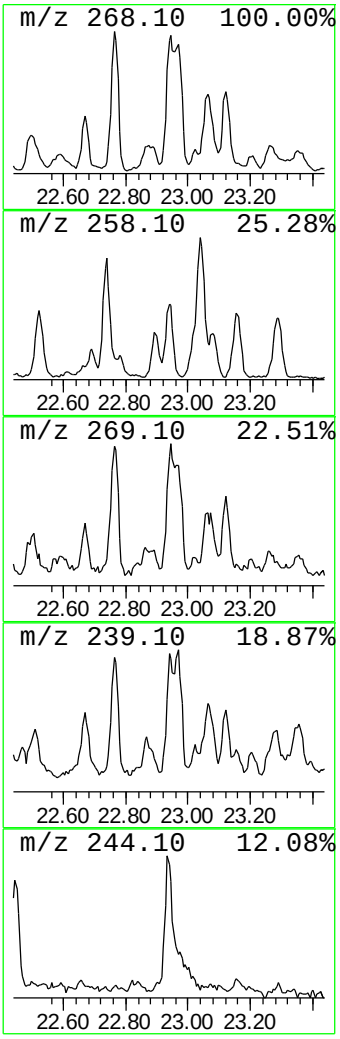
****

Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	2.98 ng/ul	478469	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	90
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	58
4	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	53
5	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

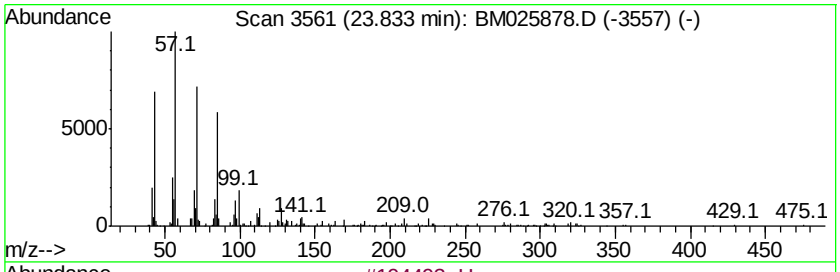
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

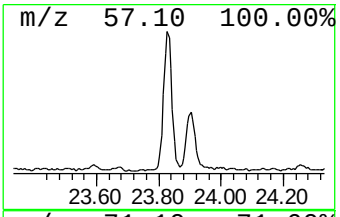
****

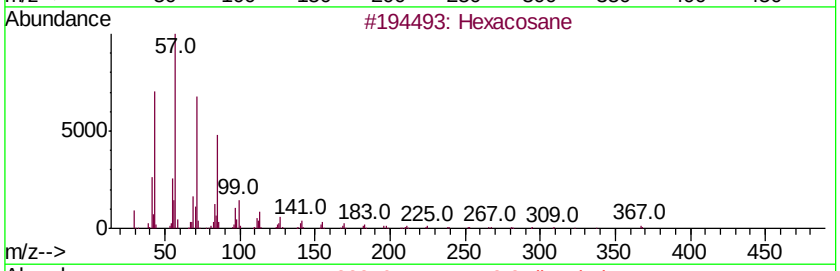
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

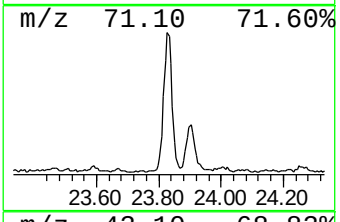
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	3.27 ng/ul	525071	Perylene-d12	23.29

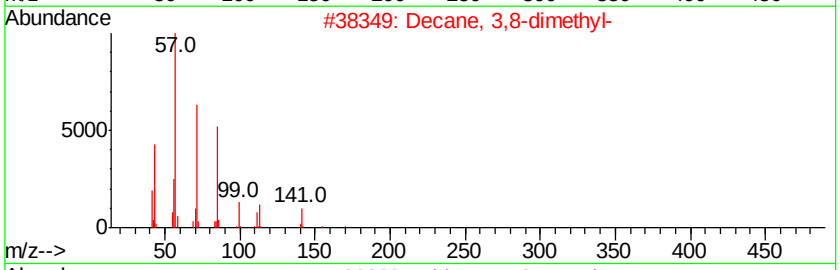
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Nonadecane	268	C19H40	000629-92-5	80

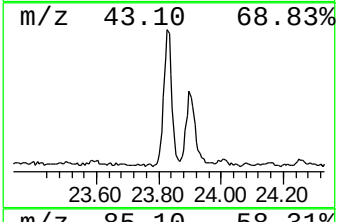


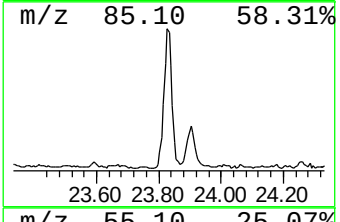


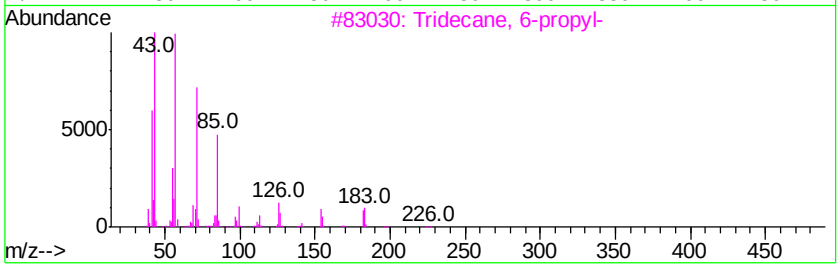


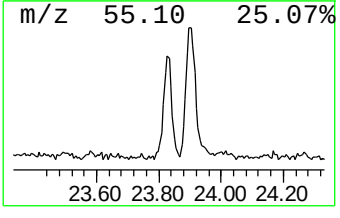












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

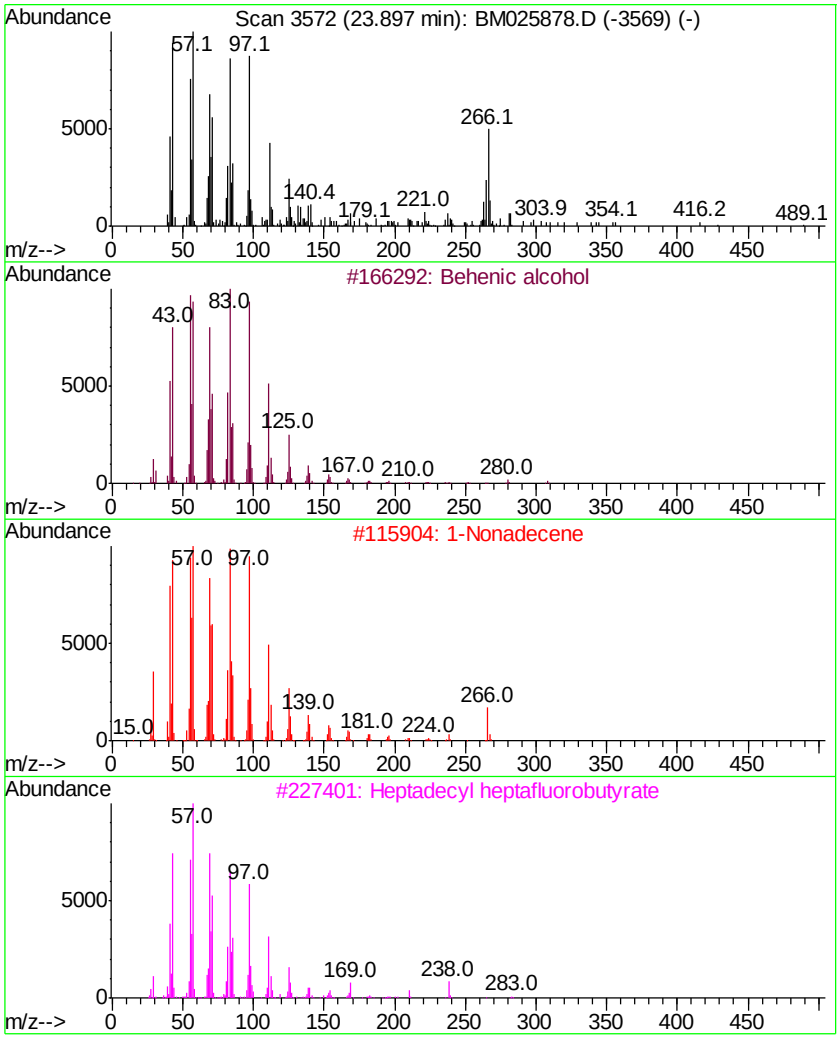
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

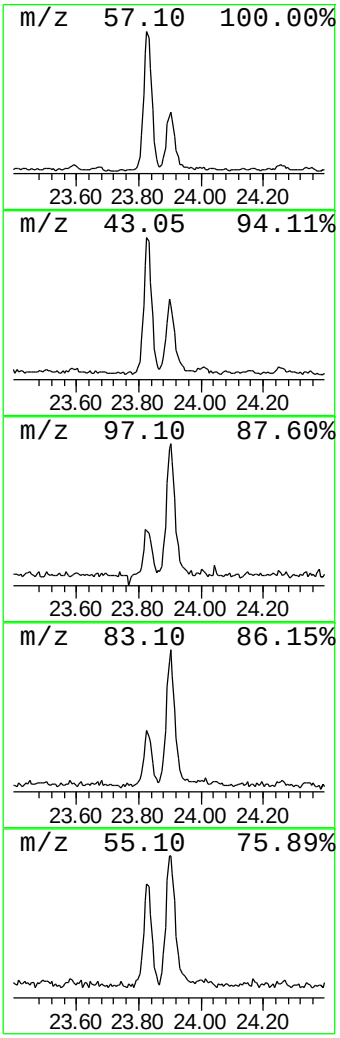
****

Peak Number 17 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	3.03 ng/ul	487725	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	76
2	1-Nonadecene	266	C19H38	018435-45-5	74
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	70
5	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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

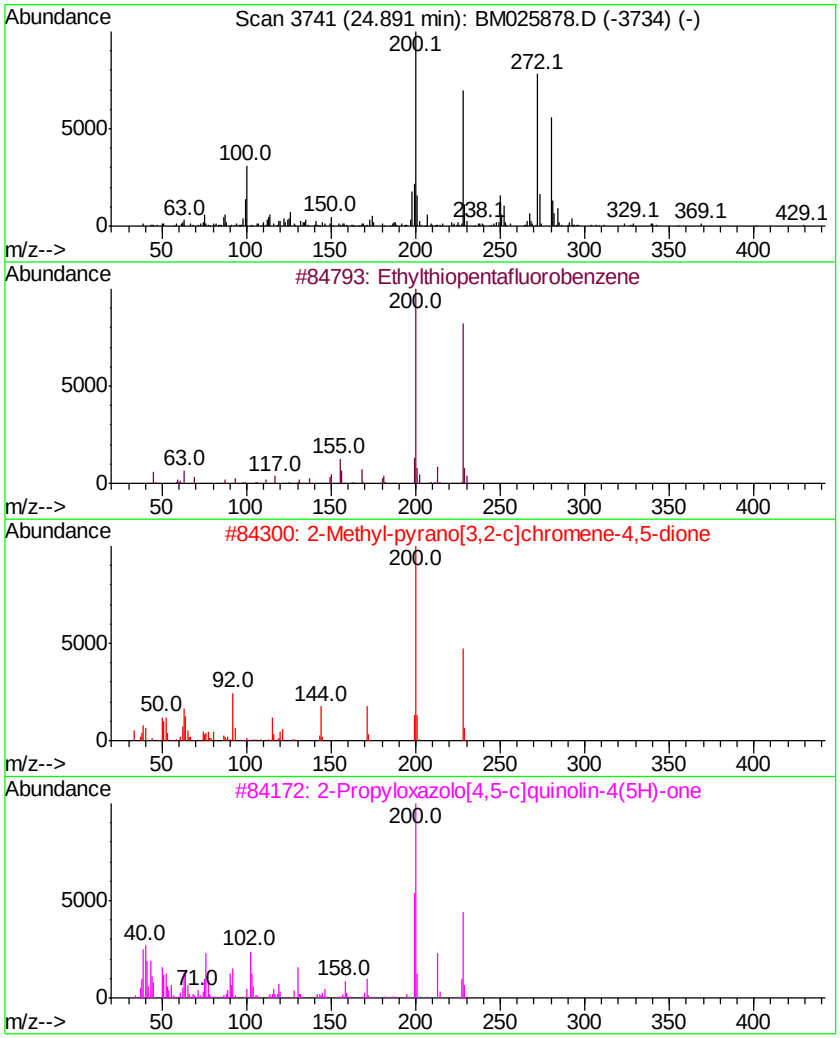
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

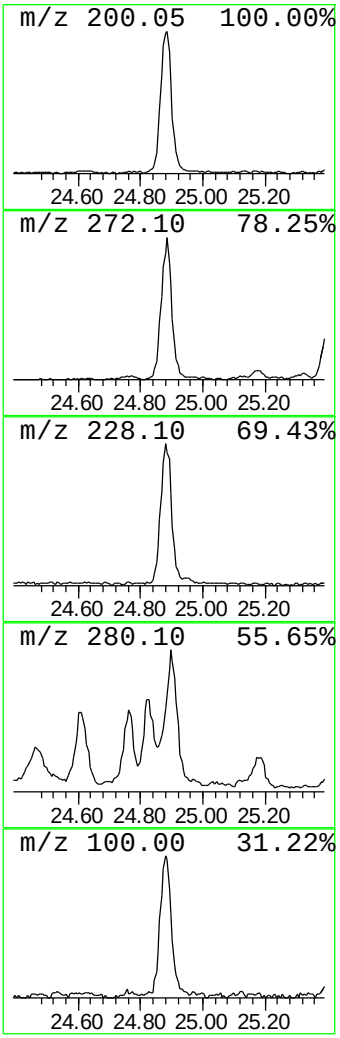
****

Peak Number 18 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	4.96 ng/ul	797178	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylthiopentafluorobenzene	228	C8H5F5S	033288-21-0	38
2	2-Methyl-pyrano[3,2-c]chromene-4...	228	C13H8O4	1000301-16-7	35
3	2-Propyloxazolo[4,5-c]quinolin-4...	228	C13H12N2O2	211874-68-9	27
4	6-Chlorothioflavone	272	C15H9ClOS	066724-22-9	14
5	1-(4-Hydroxy-3-methoxyphenyl)-1,...	320	C17H20O6	004206-59-1	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E05

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
n-Hexadecanoic acid	17.87	2.5	ng/ul	308044	4	16.94	2465730	20.0
4H-Cyclopenta[def...	18.02	3.1	ng/ul	384196	4	16.94	2465730	20.0
Phenanthrene, 2,7...	18.74	2.0	ng/ul	251280	4	16.94	2465730	20.0
Cyclopenta(def)ph...	18.88	5.5	ng/ul	674635	4	16.94	2465730	20.0
Pyrene, 1-methyl-	19.70	2.2	ng/ul	1126930	5	21.14	10153000	20.0
11H-Benzo[a]fluorene	19.85	2.5	ng/ul	1290240	5	21.14	10153000	20.0
Fluoranthene, 2-m...	20.03	2.4	ng/ul	1225700	5	21.14	10153000	20.0
Benzo[b]naphtho[2...	20.79	2.2	ng/ul	1110470	5	21.14	10153000	20.0
Cyclopenta[cd]pyrene	20.86	2.6	ng/ul	1297650	5	21.14	10153000	20.0
(DEL) Alkane: Str...	20.88	3.1	ng/ul	1555420	5	21.14	10153000	20.0
Benz[a]anthracene...	21.68	2.0	ng/ul	1037700	5	21.14	10153000	20.0
3-Hydroxy-1-metho...	22.40	4.8	ng/ul	764885	6	23.29	3215460	20.0
2,6-(Etheno[1,4]b...	22.52	2.9	ng/ul	467025	6	23.29	3215460	20.0
Dinaphtho[1,2-b:1...	22.94	3.0	ng/ul	478469	6	23.29	3215460	20.0
(DEL) Alkane: Str...	23.83	3.3	ng/ul	525071	6	23.29	3215460	20.0
Behenic alcohol	23.90	3.0	ng/ul	487725	6	23.29	3215460	20.0
unknown-01	24.89	5.0	ng/ul	797178	6	23.29	3215460	20.0