LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

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-BM080720MA.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	6.822	643	652	662	rBV	543856	899123	17.20%	1.026%
2	6.981	673	679	688	rBV	407982	613910	11.74%	0.701%
3	7.181	706	713	721	rBV	576679	890560	17.04%	1.016%
4	7.640	785	791	798	rBV	482048	760933	14.56%	0.868%
5	8.345	903	911	918	rBV	721268	1093132	20.91%	1.247%
6	8.781	976	985	993	rBV	546753	879760	16.83%	1.004%
7	9.498	1100	1107	1115	rVV	450674	734003	14.04%	0.838%
8	10.039	1191	1199	1208	rBV	748194	1236355	23.65%	1.411%
9	10.410	1254	1262	1268	rBV	623107	1030174	19.71%	1.176%
10	10.463	1268	1271	1278	rVB	67323	101792	1.95%	0.116%
11	10.545	1278	1285	1300	rBV	540661	935656	17.90%	1.068%
12	12.080	1539	1546	1552	rBV2	51105	83790	1.60%	0.096%
13	12.298	1578	1583	1593	rVB	46683	75305	1.44%	0.086%
14	13.598	1793	1804	1809	rVV2	56440	102526	1.96%	0.117%
15	13.692	1815	1820	1824	rVV	1159572	1629486	31.17%	1.860%
16	13.733	1824	1827	1834	rVV	186928	261542	5.00%	0.298%
17	13.963	1860	1866	1882	rVB	1404199	2256862	43.17%	2.576%
18	14.274	1911	1919	1925	rBV2	953345	1380102	26.40%	1.575%
19	14.339	1925	1930	1938	rVV	139693	212693	4.07%	0.243%
20	14.474	1946	1953	1965	rBV	511889	803106	15.36%	0.917%
21	14.674	1982	1987	1996	rVB	138327	223254	4.27%	0.255%
22	14.904	2017	2026	2031	rBV6	33700	76193	1.46%	0.087%
23	15.268	2082	2088	2094	rBV	1672483	2373430	45.40%	2.709%
24	15.327	2094	2098	2104	rVB2	170331	241415	4.62%	0.276%
25	15.392	2104	2109	2116	rBV	294042	439581	8.41%	0.502%
26	15.621	2143	2148	2152	rBV	84559	113673	2.17%	0.130%
27	15.768	2168	2173	2181	rVB	90538	185190	3.54%	0.211%
28	15.857	2181	2188	2196	rVB4	32027	69064	1.32%	0.079%
29	15.998	2206	2212	2219	rBV5	28425	66334	1.27%	0.076%
30	16.310	2256	2265	2266	rBV3	39335	77950	1.49%	0.089%
31	16.333	2266	2269	2274	rVV3	55872	100326	1.92%	0.114%
32	16.562	2305	2308	2311	rVV2	61466	89700	1.72%	0.102%
33	16.604	2311	2315	2318	rVV3	59920	95430	1.83%	0.109%
34	16.674	2322	2327	2335	rVB	156548	277413	5.31%	0.317%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

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-BM080720MA.M
Title : SVOA CALIBRATION

35	16.757	2336	2341	2347	rBV4	74117	173499	3.32%	0.198%
36	16.833	2351	2354	2359	rVB	91514	130942	2.50%	0.149%
37	17.021	2380	2386	2389	rVV	1058424	1571380	30.06%	1.793%
38	17.062	2389	2393	2397	rVV	2294471	3074048	58.81%	3.508%
39	17.115	2397	2402	2406	rVV	1841372	2610066	49.93%	2.979%
40	17.151	2406	2408	2413	rVV	455704	526323	10.07%	0.601%
41	17.209	2413	2418	2424	rVB3	96751	153505	2.94%	0.175%
42	17.415	2444	2453	2458	rBV2	204838	392156	7.50%	0.448%
43	17.545	2472	2475	2479	rVB3	55443	63963	1.22%	0.073%
44	17.598	2481	2484	2490	rVB3	68631	89774	1.72%	0.102%
45	17.892	2525	2534	2538	rBV	364574	578824	11.07%	0.661%
46	17.939	2538	2542	2550	rVB	742049	1041314	19.92%	1.188%
47	18.021	2550	2556	2561	rVB2	200147	306089	5.86%	0.349%
48	18.086	2561	2567	2571	rBV3	453229	848399	16.23%	0.968%
49	18.127	2571	2574	2578	rVB	255910	339483	6.49%	0.387%
50	18.239	2590	2593	2597	rVB3	60348	80274	1.54%	0.092%
51	18.398	2616	2620	2623	rVV	288430	373284	7.14%	0.426%
52	18.433	2623	2626	2631	rVB	373844	452659	8.66%	0.517%
53	18.651	2659	2663	2667	rBV	107929	137930	2.64%	0.157%
54	18.698	2668	2671	2674	rBV	76872	84745	1.62%	0.097%
55	18.739	2674	2678	2682	rVB2	100311	134543	2.57%	0.154%
56	18.821	2686	2692	2697	rBV2	298021	516675	9.88%	0.590%
57	18.886	2697	2703	2705	rBV3	150069	244288	4.67%	0.279%
58	18.956	2711	2715	2723	rVB	265155	404459	7.74%	0.462%
59	19.080	2731	2736	2742	rVB	3557119	4741045	90.69%	5.410%
60	19.180	2751	2753	2758	rVB3	92101	125694	2.40%	0.143%
61	19.233	2758	2762	2766	rVB	163187	215320	4.12%	0.246%
62	19.280	2766	2770	2774	rBV2	121115	222222	4.25%	0.254%
63	19.327	2775	2778	2782	rVB	78184	101300	1.94%	0.116%
64	19.415	2788	2793	2796	rBV2	2632219	4033716	77.16%	4.603%
65	19.445	2796	2798	2807	rVV	3297799	4093101	78.30%	4.671%
66	19.521	2807	2811	2819	rVB2	204134	377246	7.22%	0.431%
67	19.627	2825	2829	2835	rBV	235563	328839	6.29%	0.375%
68	19.686	2835	2839	2845	rVB	253613	379922	7.27%	0.434%
69	19.762	2847	2852	2860	rBV3	473867	1099346	21.03%	1.255%
70	19.909	2873	2877	2879	rBV2	206253	291899	5.58%	0.333%
71	19.945	2880	2883	2888	rVB	505029	666427	12.75%	0.761%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

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-BM080720MA.M
Title : SVOA CALIBRATION

72	19.998	2888	2892	2894	rBV2	90202	127302	2.44%	0.145%
73	20.045	2896	2900	2904	rBV	267004	349156	6.68%	0.398%
74	20.103	2904	2910	2914	rBV3	503472	784289	15.00%	0.895%
75	20.145	2915	2917	2920	rVB3	101592	103343	1.98%	0.118%
76	20.186	2921	2924	2929	rBV3	104950	176080	3.37%	0.201%
77	20.245	2930	2934	2937	rBV	249208	301335	5.76%	0.344%
78	20.292	2937	2942	2946	rBV2	238041	370005	7.08%	0.422%
79	20.503	2975	2978	2981	rBV3	107223	171224	3.28%	0.195%
80	20.692	3007	3010	3017	rVB	469935	690776	13.21%	0.788%
81	20.862	3032	3039	3042	rBV2	336346	724941	13.87%	0.827%
82	20.897	3042	3045	3048	rVV2	412620	520679	9.96%	0.594%
83	20.950	3048	3054	3057	rVV2	1003105	1444455	27.63%	1.648%
84	20.992	3057	3061	3069	rVB2	465419	748878	14.33%	0.855%
85	21.162	3088	3090	3092	rBV	109992	125525	2.40%	0.143%
86	21.203	3092	3097	3102	rVV3	2954735	5227473	100.00%	5.966%
87	21.250	3102	3105	3113	rVB	2106246	2740217	52.42%	3.127%
88	21.374	3122	3126	3128	rBV	210936	315356	6.03%	0.360%
89	21.521	3147	3151	3157	rBV4	391751	766690	14.67%	0.875%
90	21.762	3189	3192	3196	rVB	593919	733122	14.02%	0.837%
91	21.815	3197	3201	3203	rBV2	361796	486197	9.30%	0.555%
92	21.950	3221	3224	3227	rBV2	247134	334716	6.40%	0.382%
93	22.762	3356	3362	3367	rBV	1937711	4541355	86.87%	5.183%
94	22.927	3386	3390	3396	rVB	441580	718251	13.74%	0.820%
95	23.233	3436	3442	3446	rBV	1039465	1992113	38.11%	2.273%
96	23.280	3446	3450	3453	rVV	1385573	2267803	43.38%	2.588%
97	23.327	3453	3458	3465	rVB	1722523	3172772	60.69%	3.621%
98	23.415	3467	3473	3478	rBV2	877062	1739989	33.29%	1.986%
99	25.615	3840	3847	3856	rVB	963288	2683839	51.34%	3.063%
100	26.291	3955	3962	3977	rVB	631853	1854756	35.48%	2.117%

Sum of corrected areas: 87627099

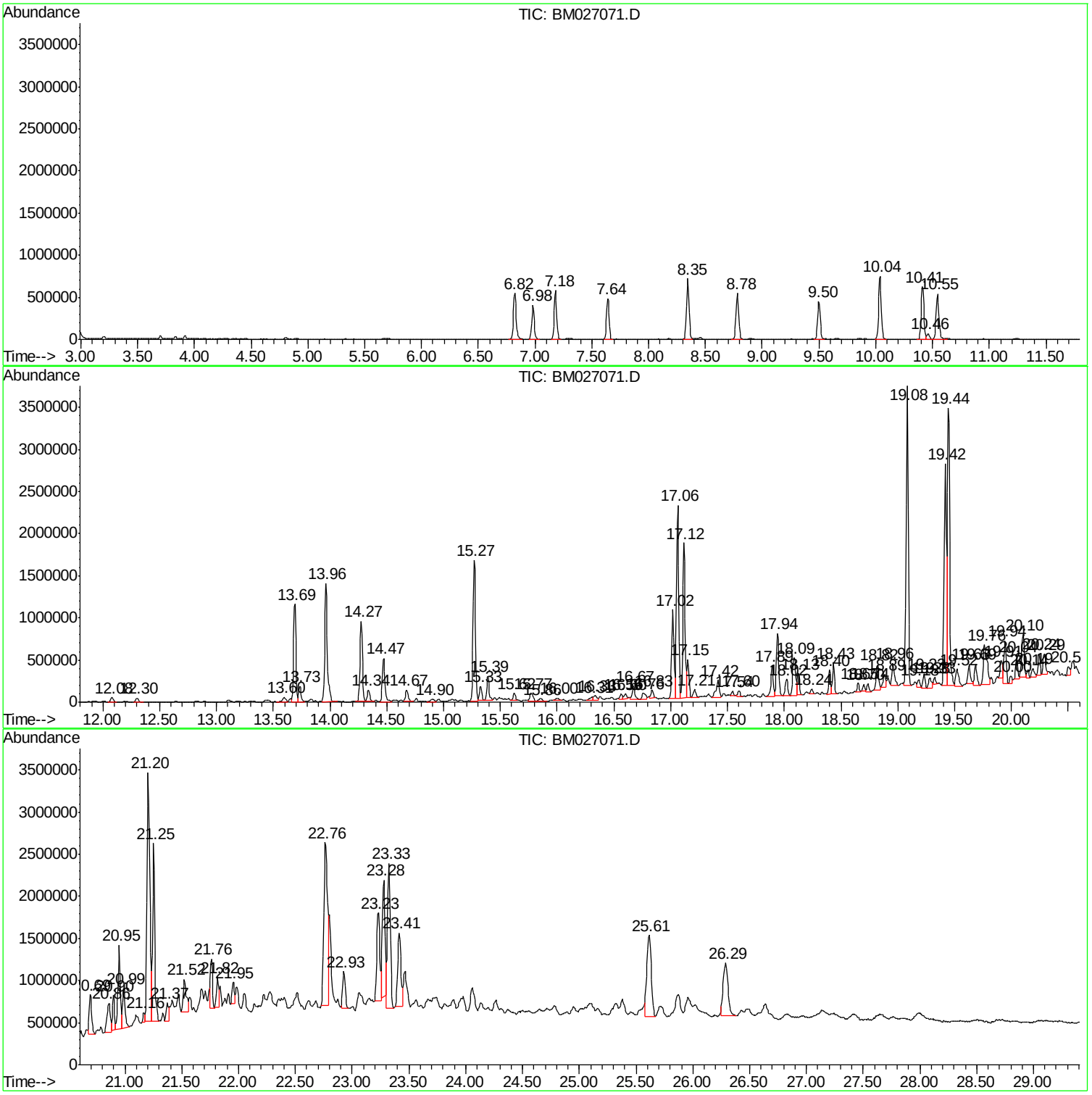
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

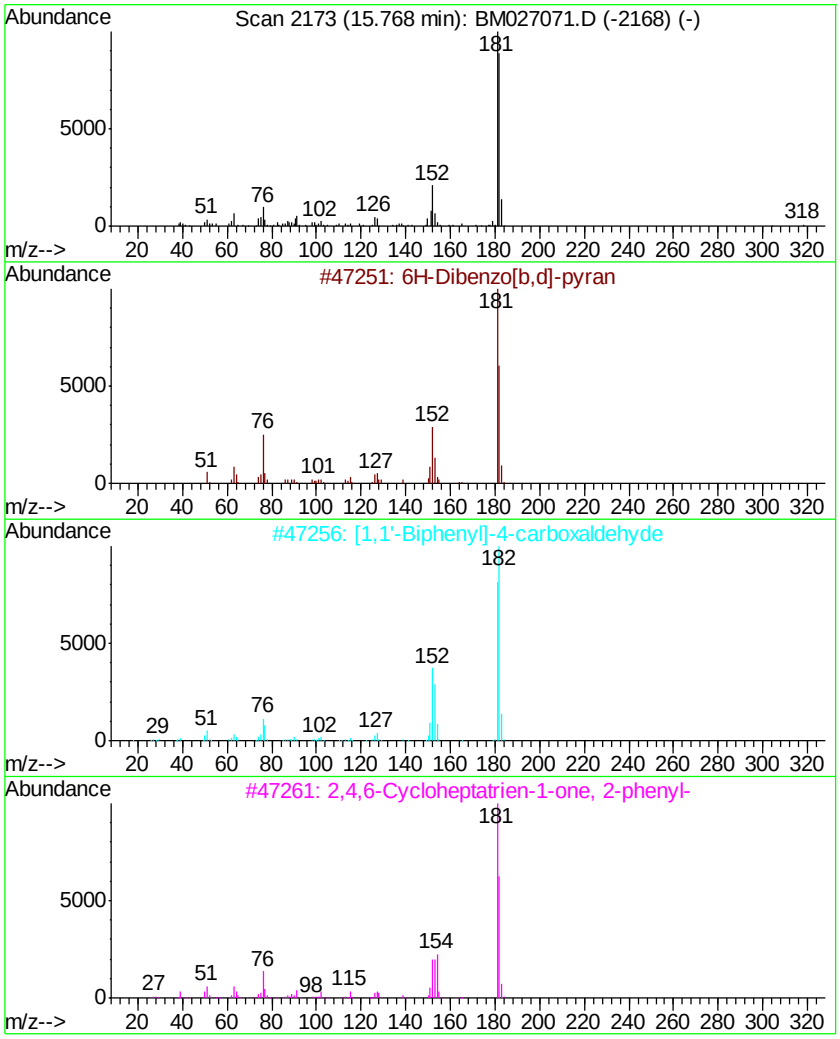
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

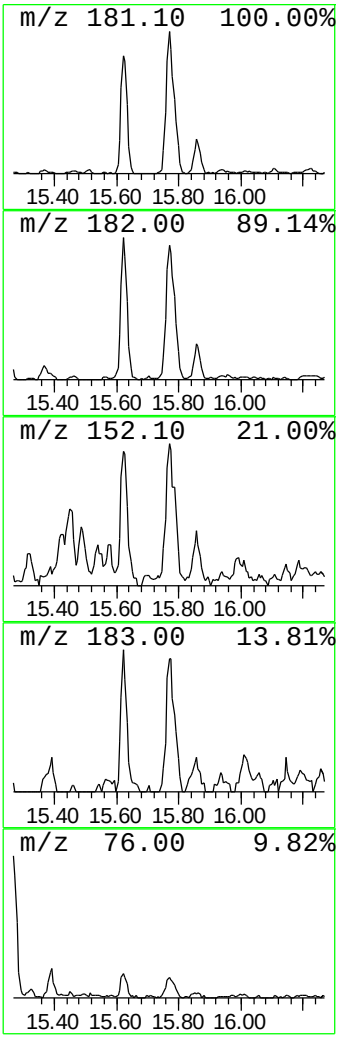
****

Peak Number 1 6H-Dibenzo[b,d]-pyran Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.36 ng/ul	185190	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

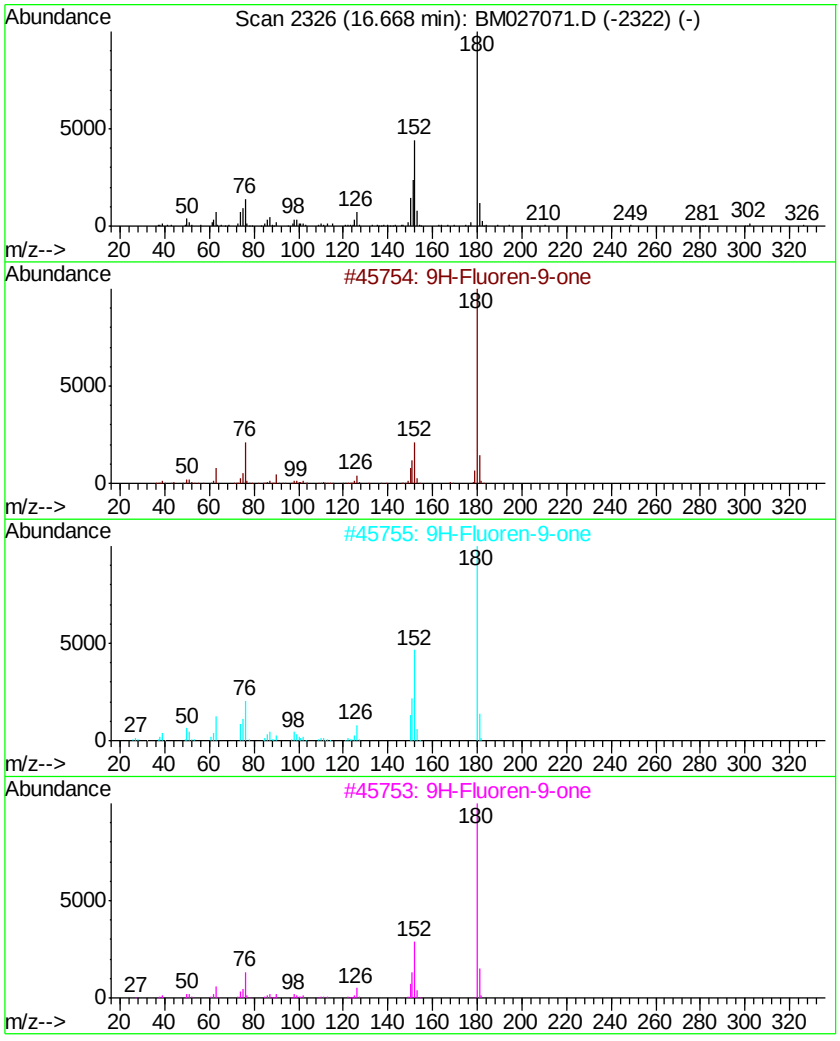
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

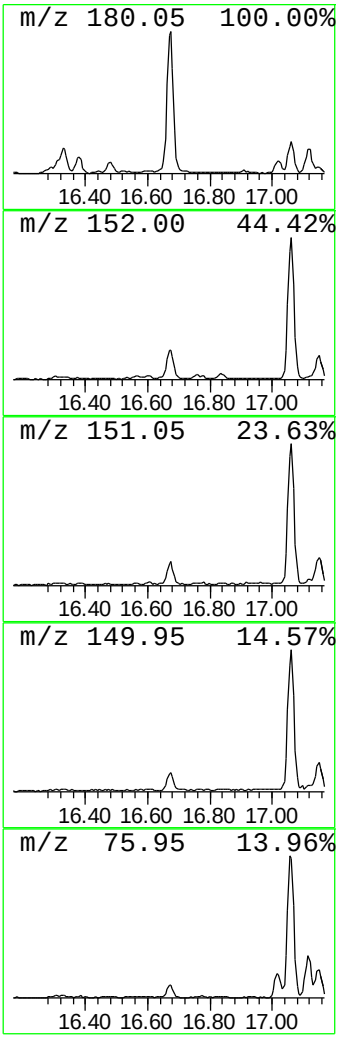
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	3.53 ng/ul	277413	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

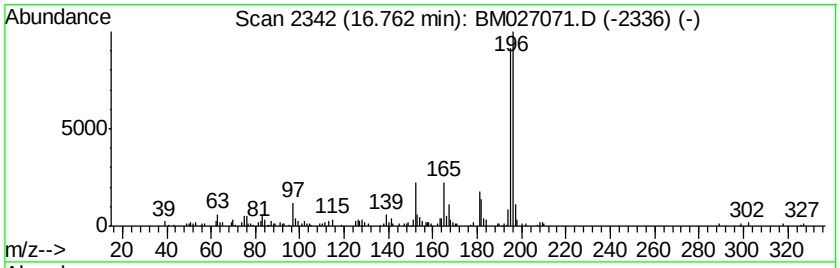
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

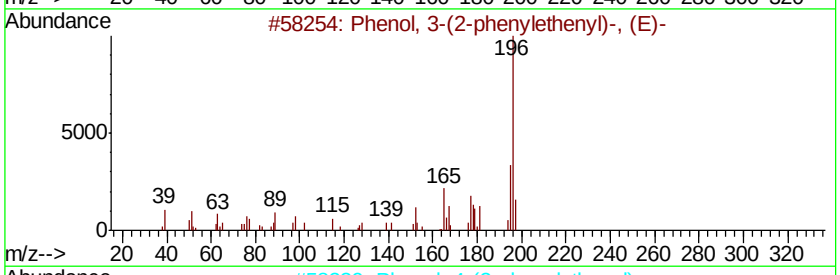
****

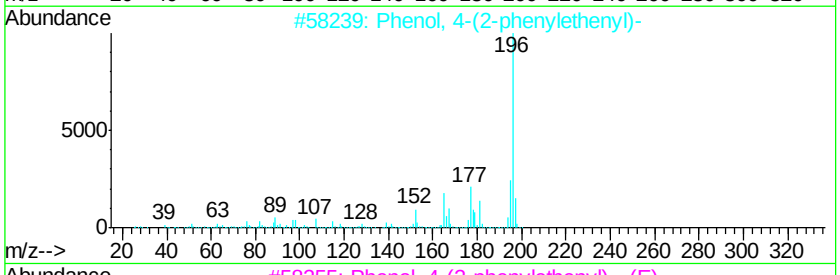
Peak Number 3 Phenol, 3-(2-phenylethenyl)... Concentration Rank 23

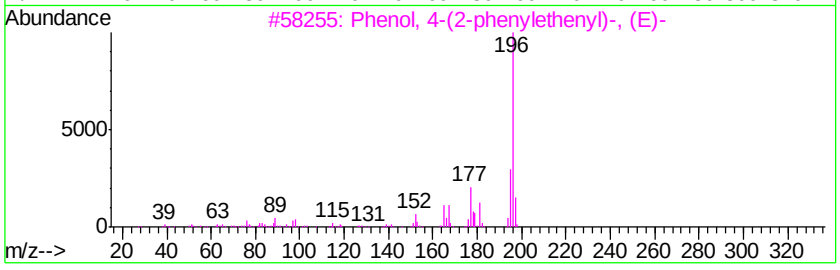
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.21 ng/ul	173499	Phenanthrene-d10	17.02

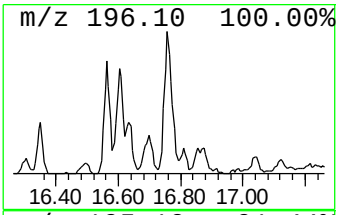
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	62
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
4	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	49
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49

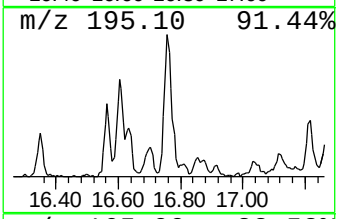


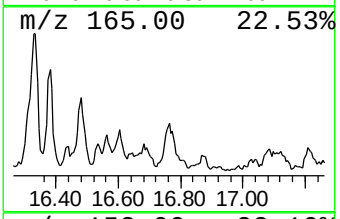


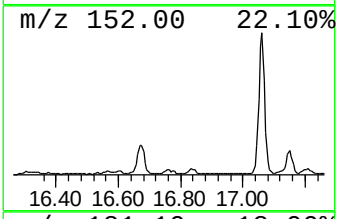


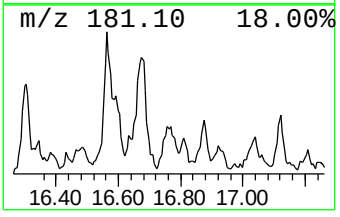












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

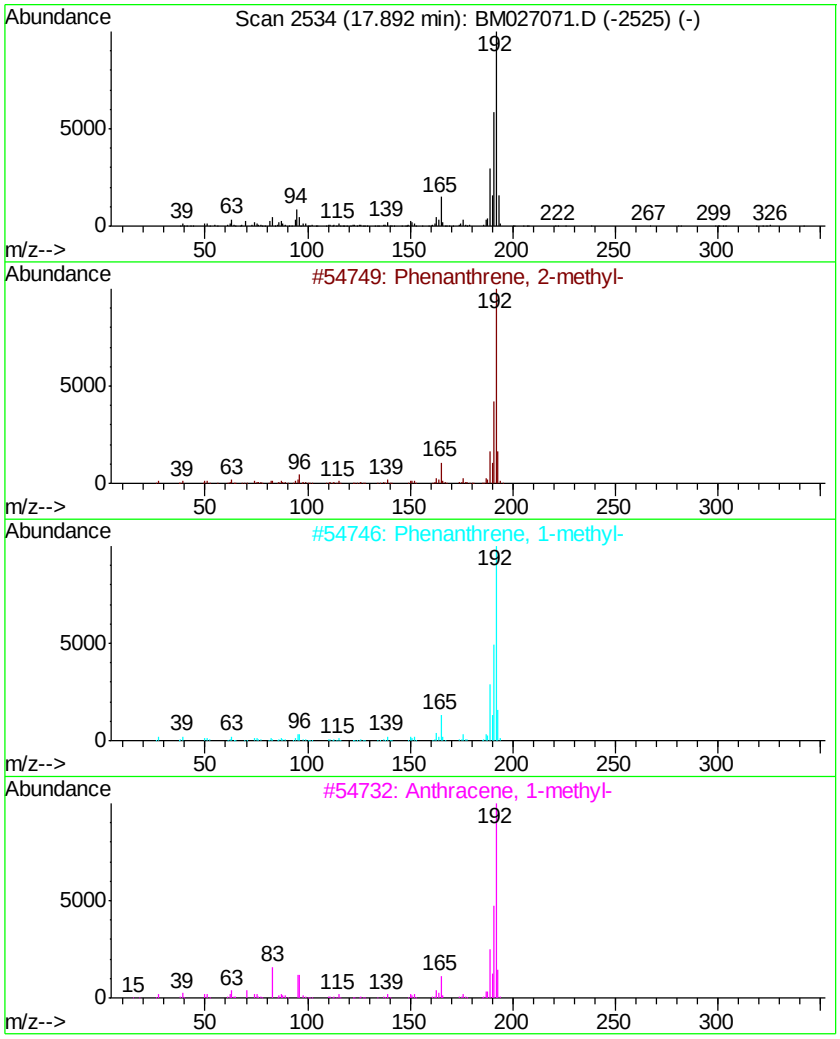
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

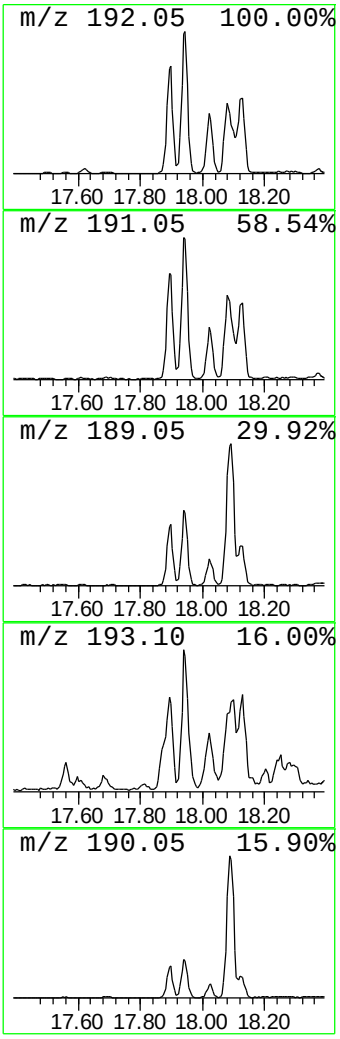
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	7.37 ng/ul	578824	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

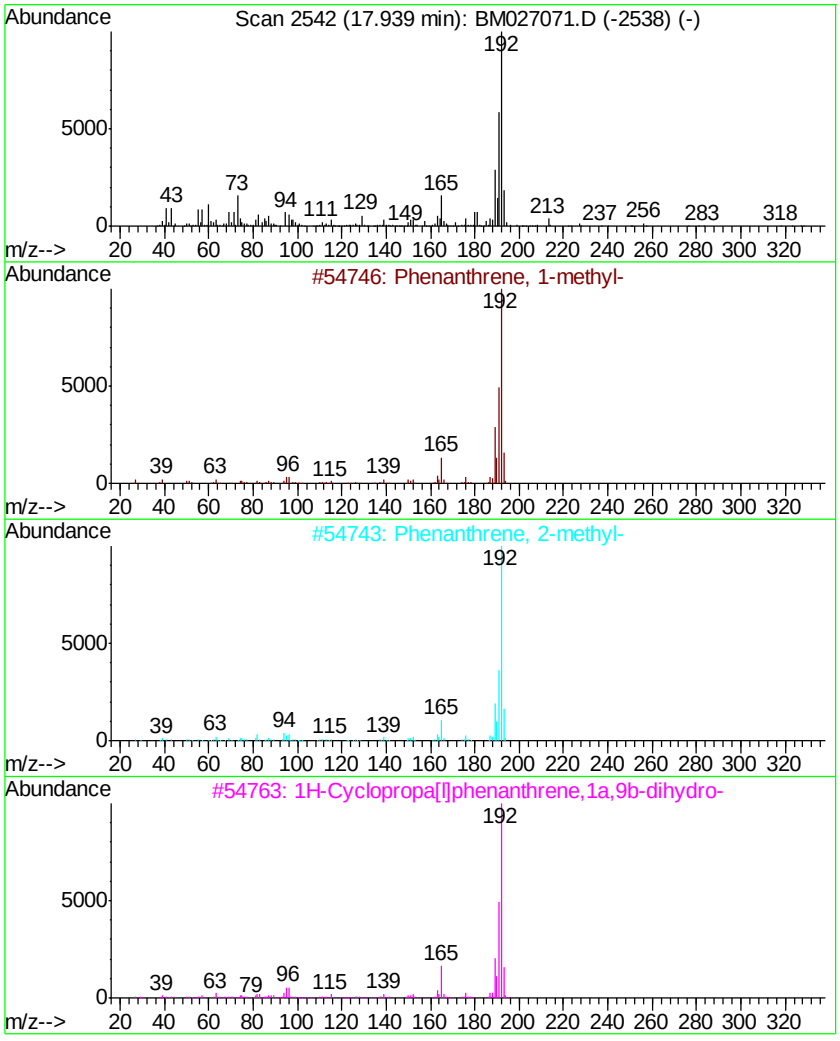
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

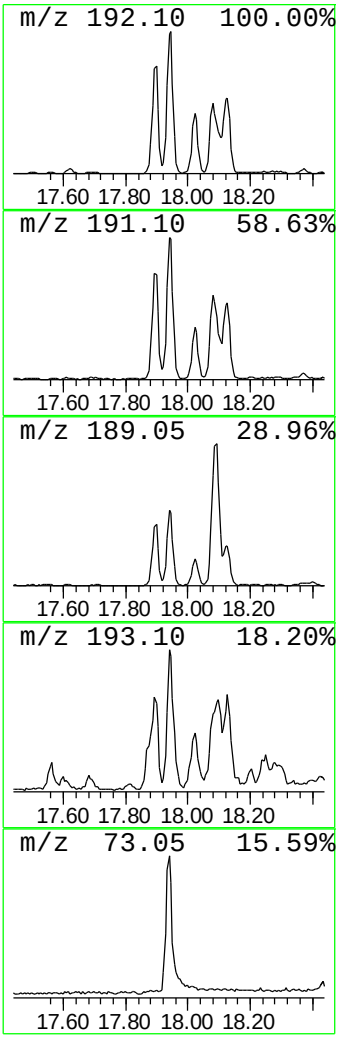
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	13.25 ng/ul	1041310	Phenanthrene-d10	17.02

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

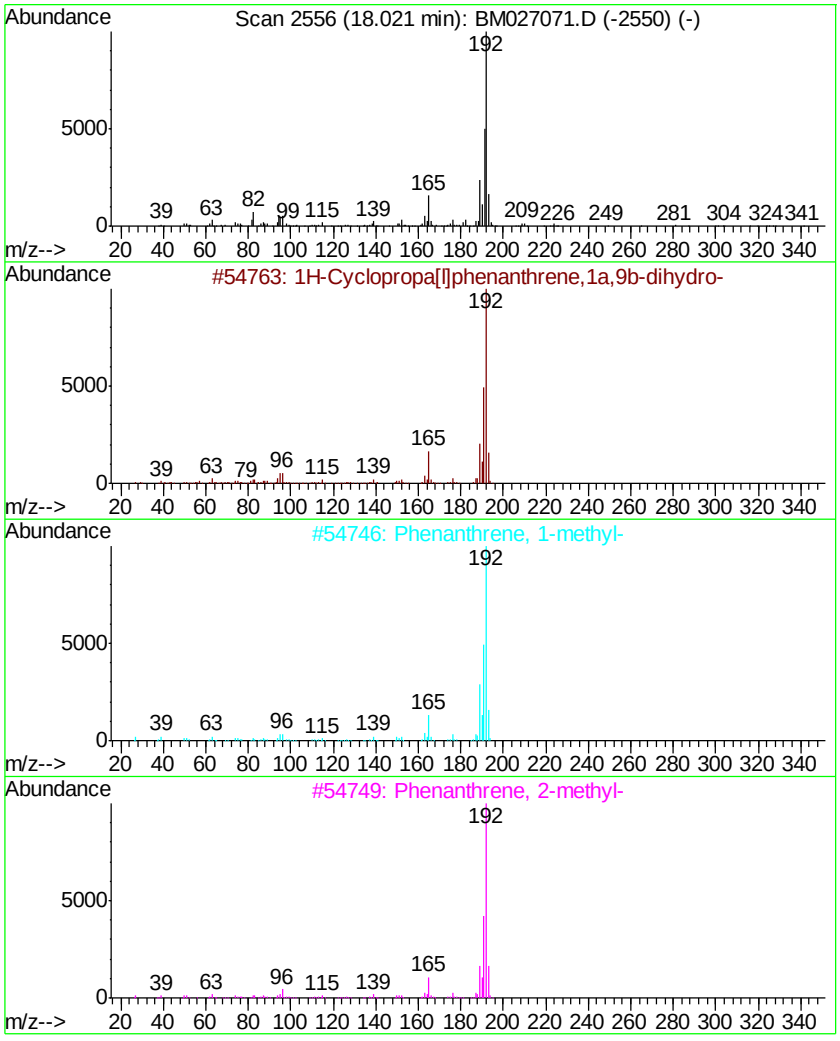
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

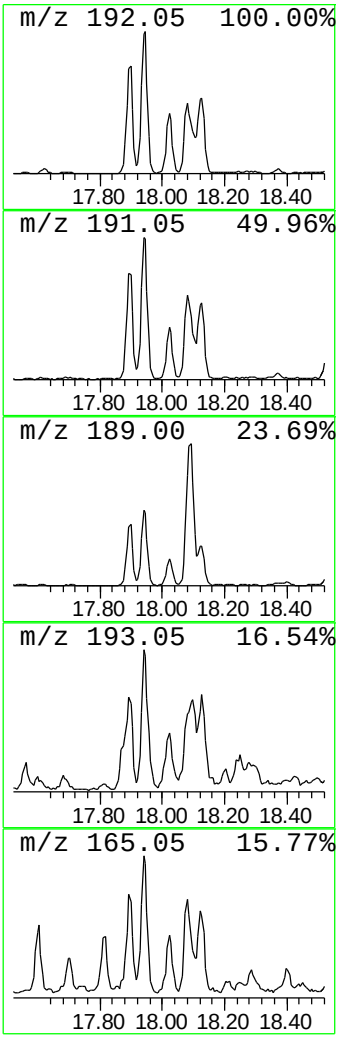
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.90 ng/ul	306089	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

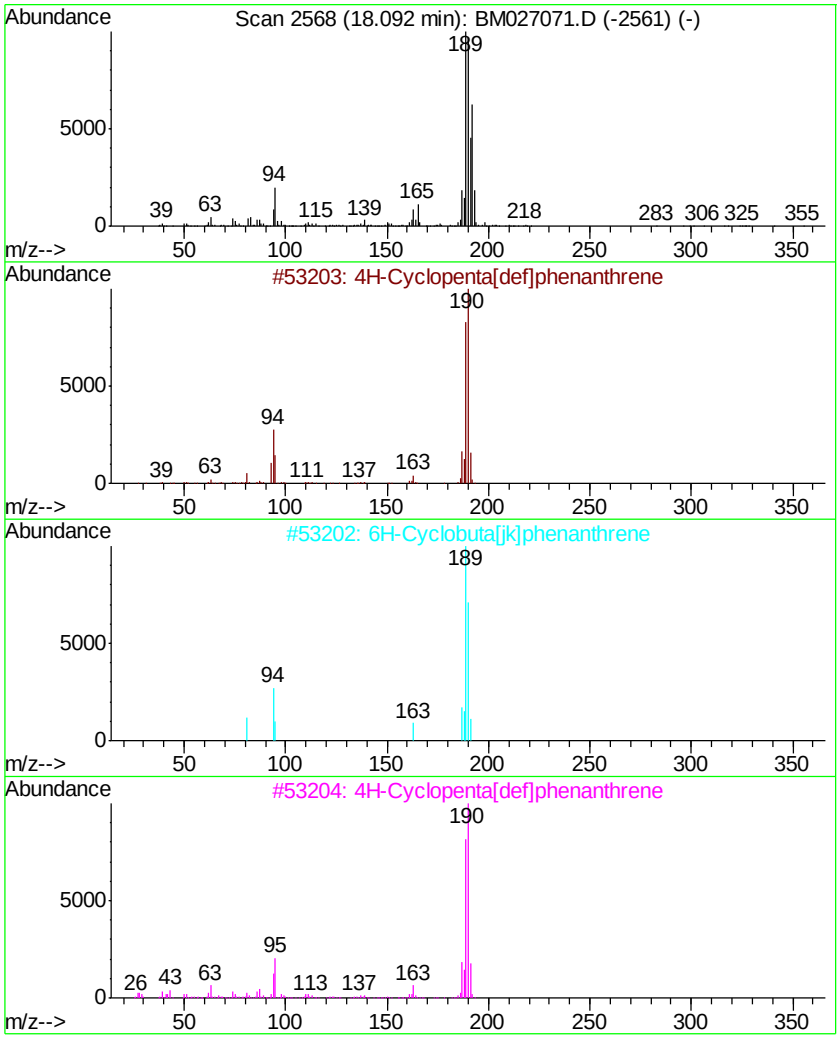
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

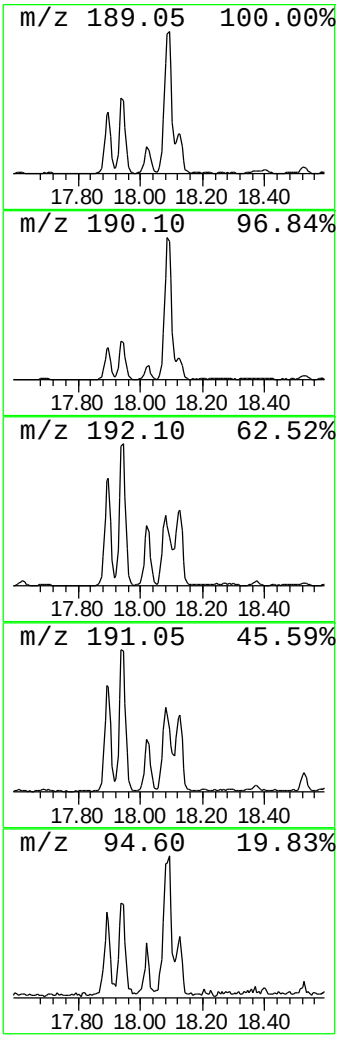
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	10.80 ng/ul	848399	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

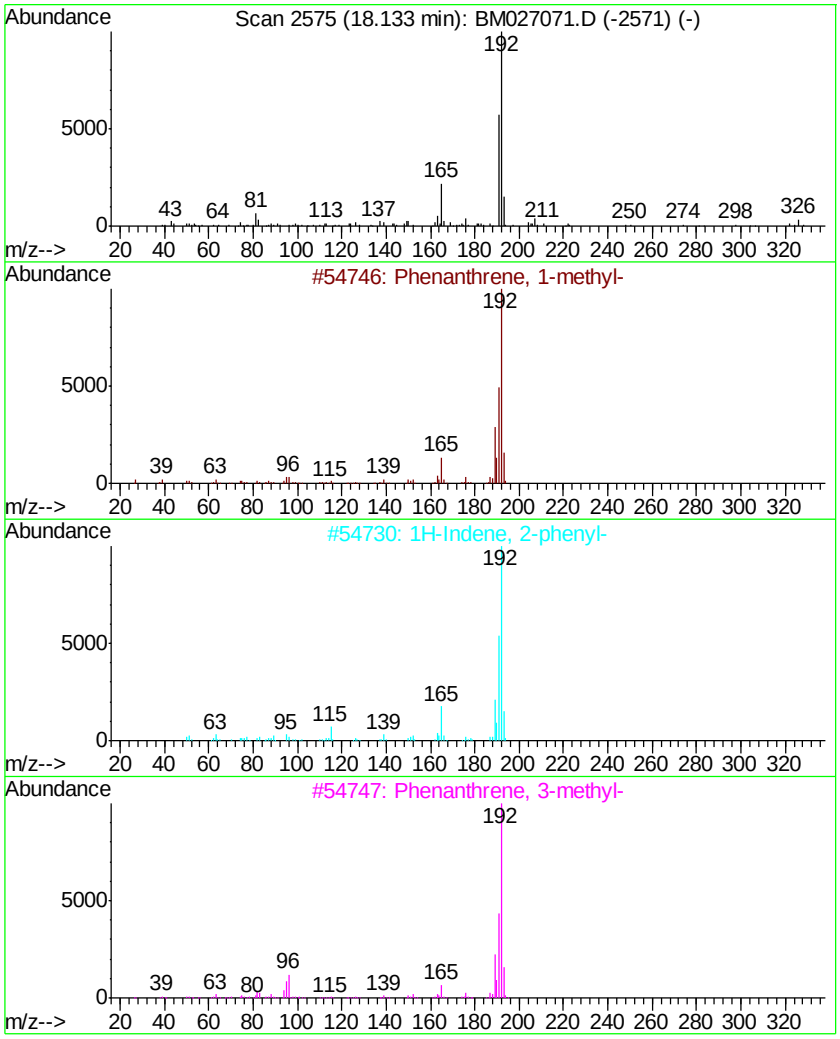
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

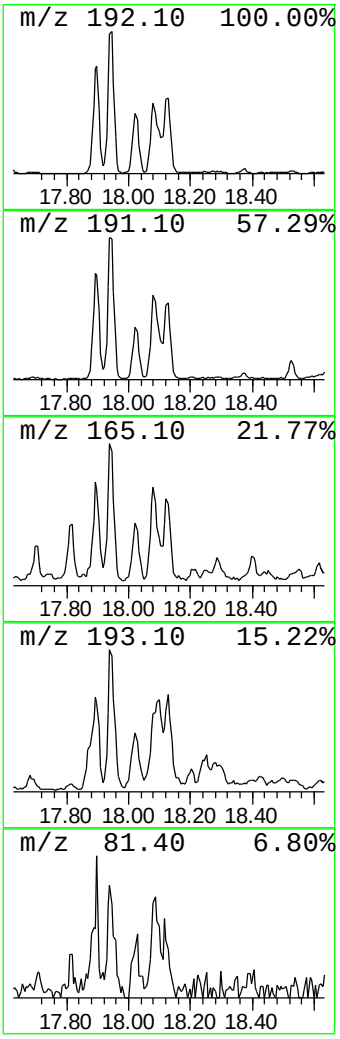
****

Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.32 ng/ul	339483	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

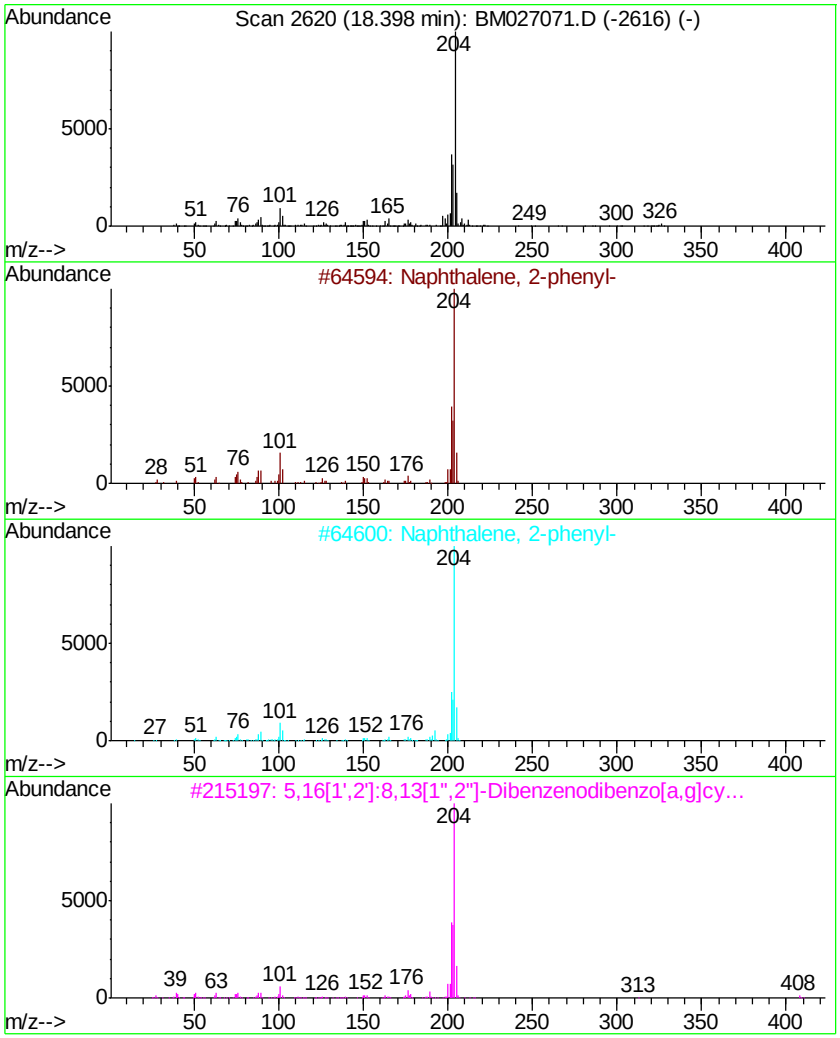
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

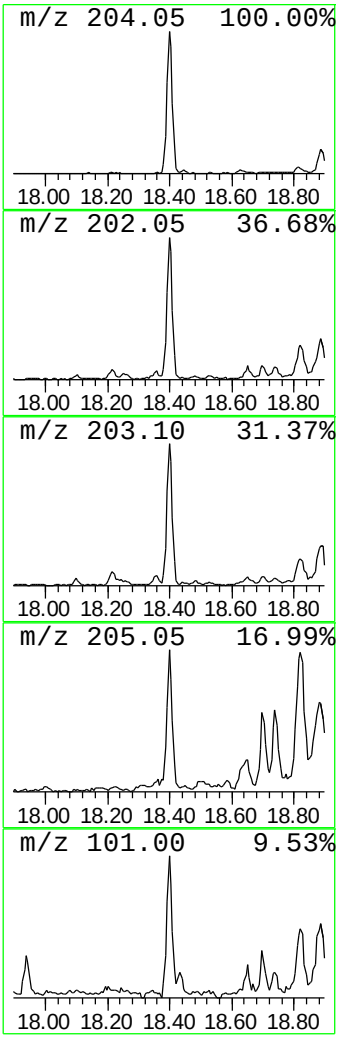
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	4.75 ng/ul	373284	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

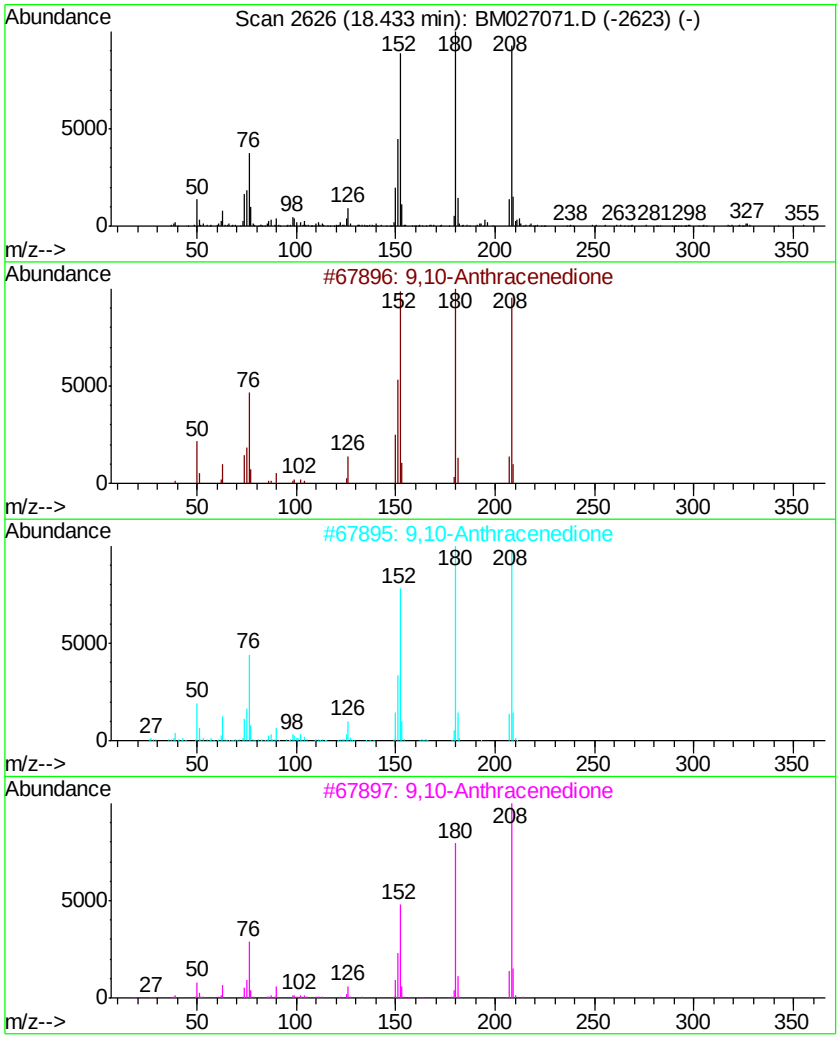
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

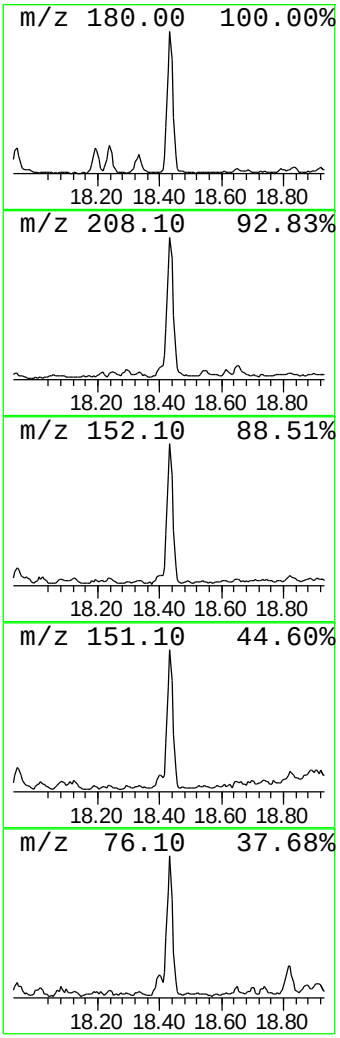
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	5.76 ng/ul	452659	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

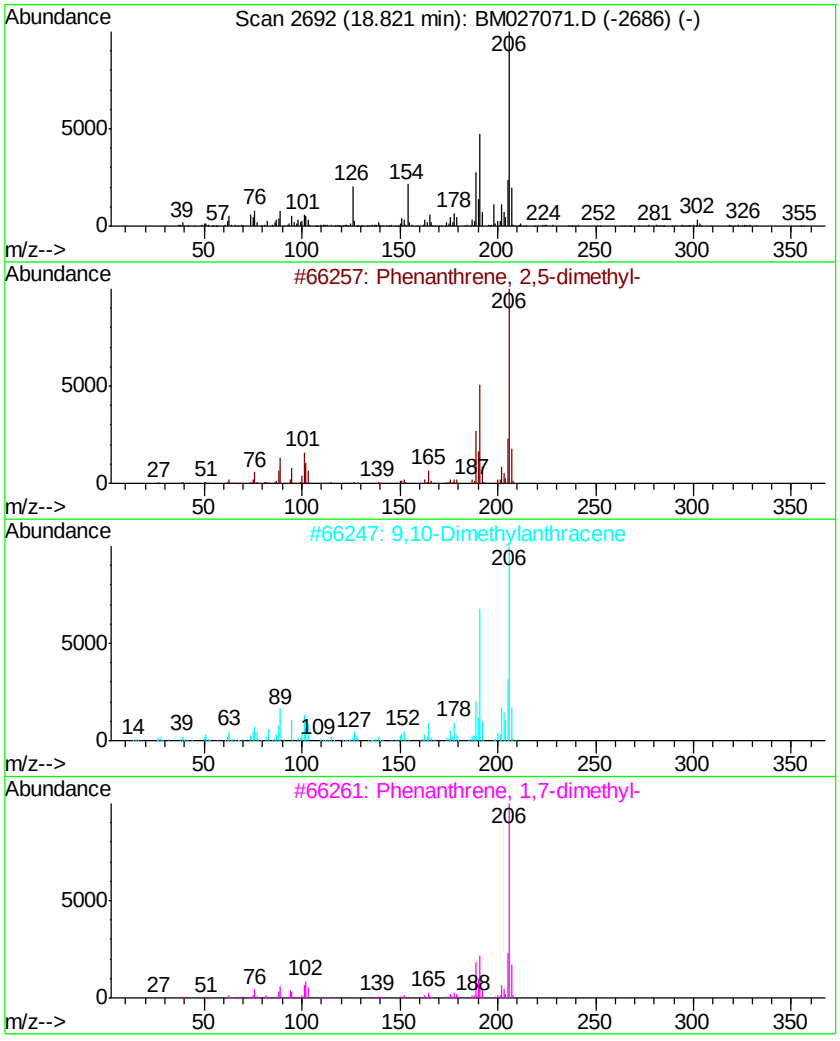
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

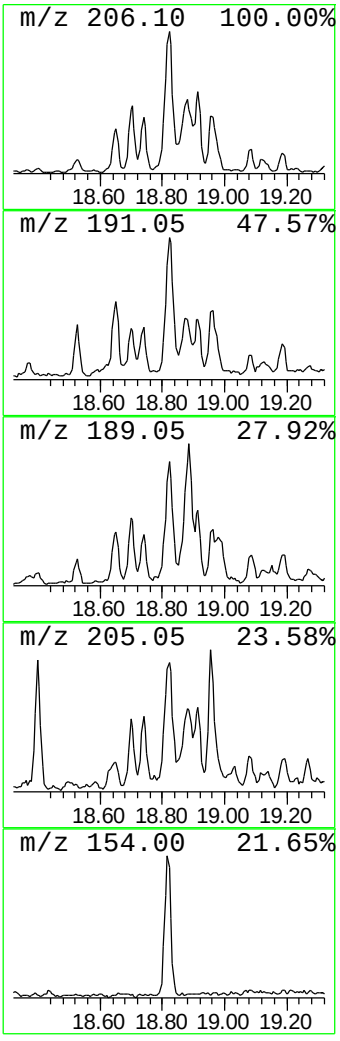
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	6.58 ng/ul	516675	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

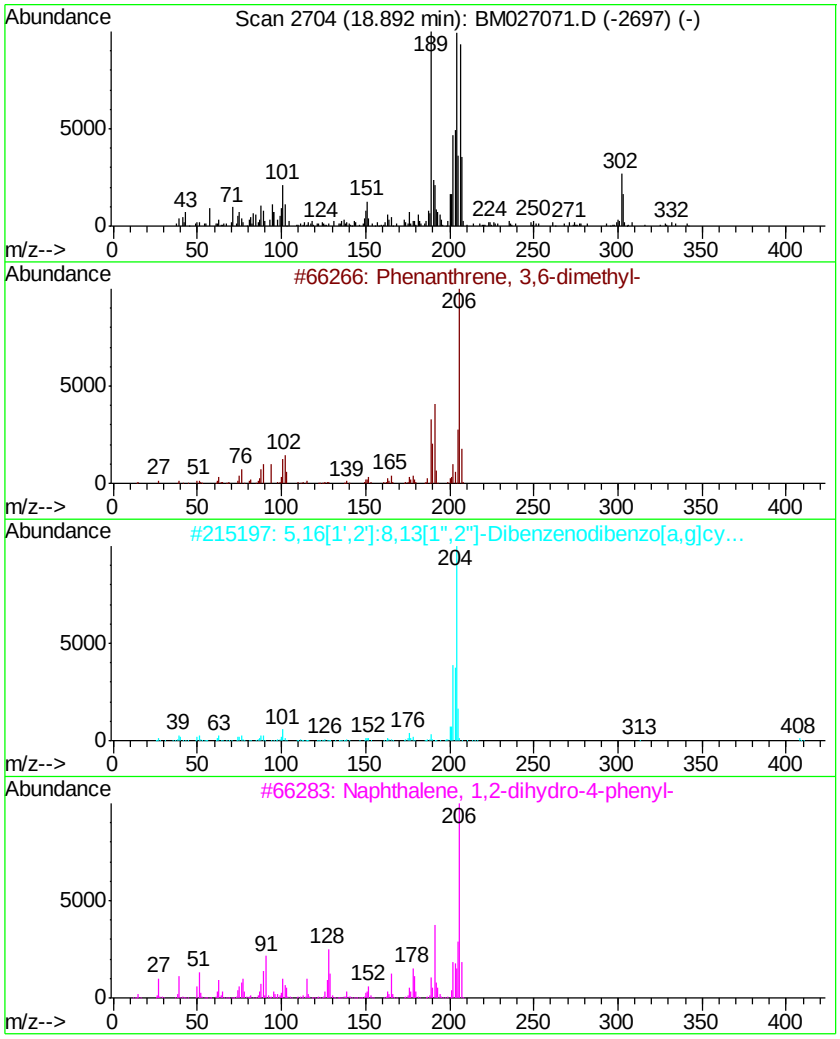
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

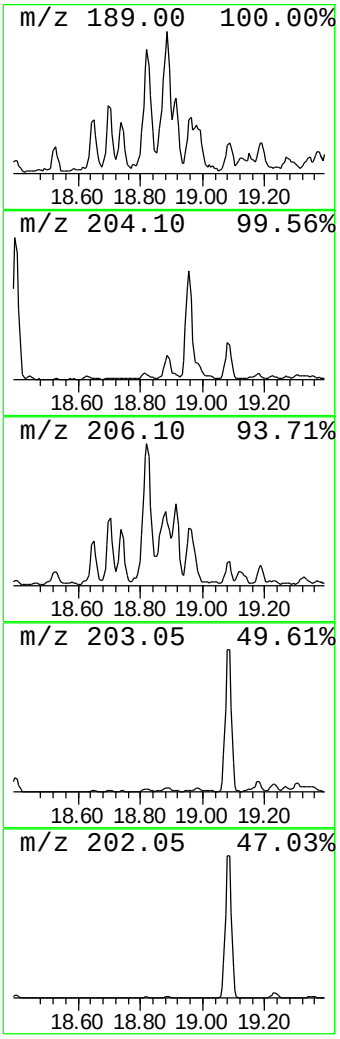
****

Peak Number 12 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.11 ng/ul	244288	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	30
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	30
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	25
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

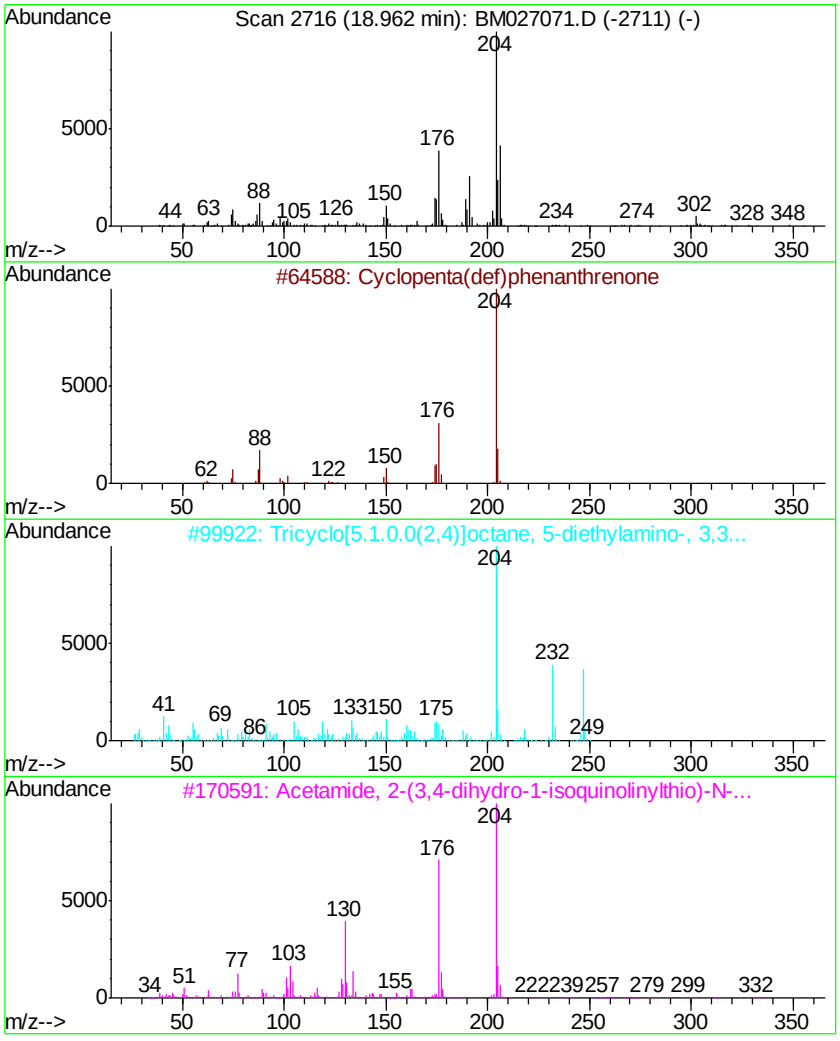
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

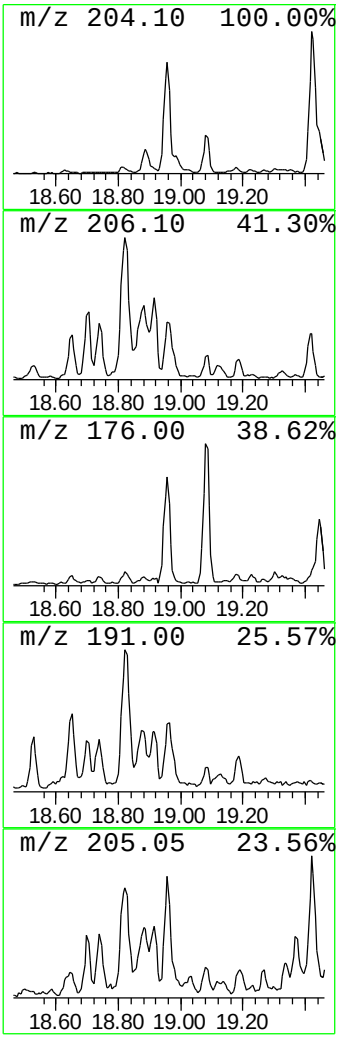
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	5.15 ng/ul	404459	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
3	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

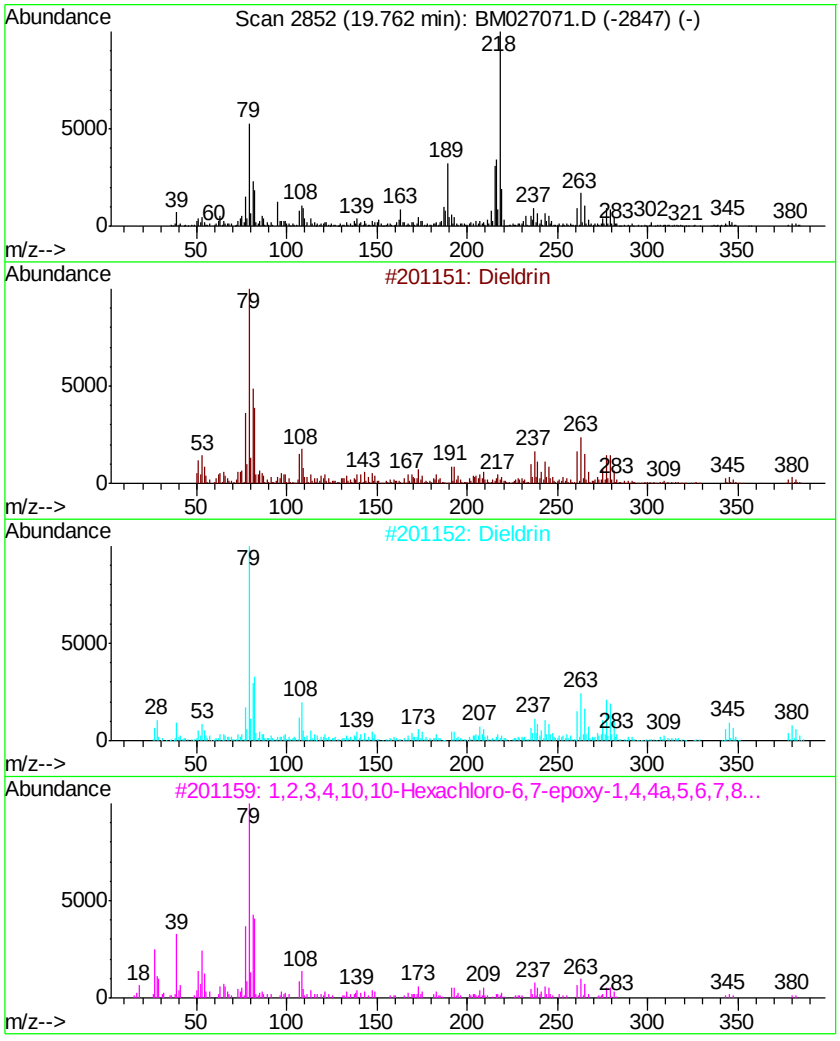
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

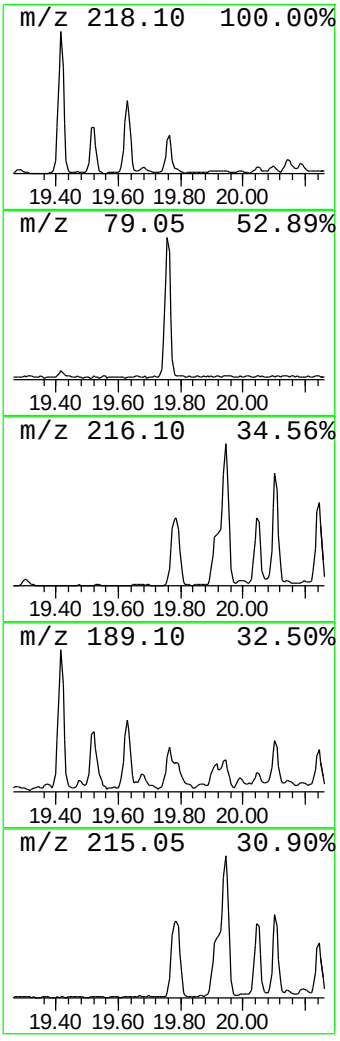
****

Peak Number 14 Dieldrin Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	4.21 ng/ul	1099350	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	91
2	Dieldrin	378	C12H8Cl6O	000060-57-1	91
3	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	91
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	70
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

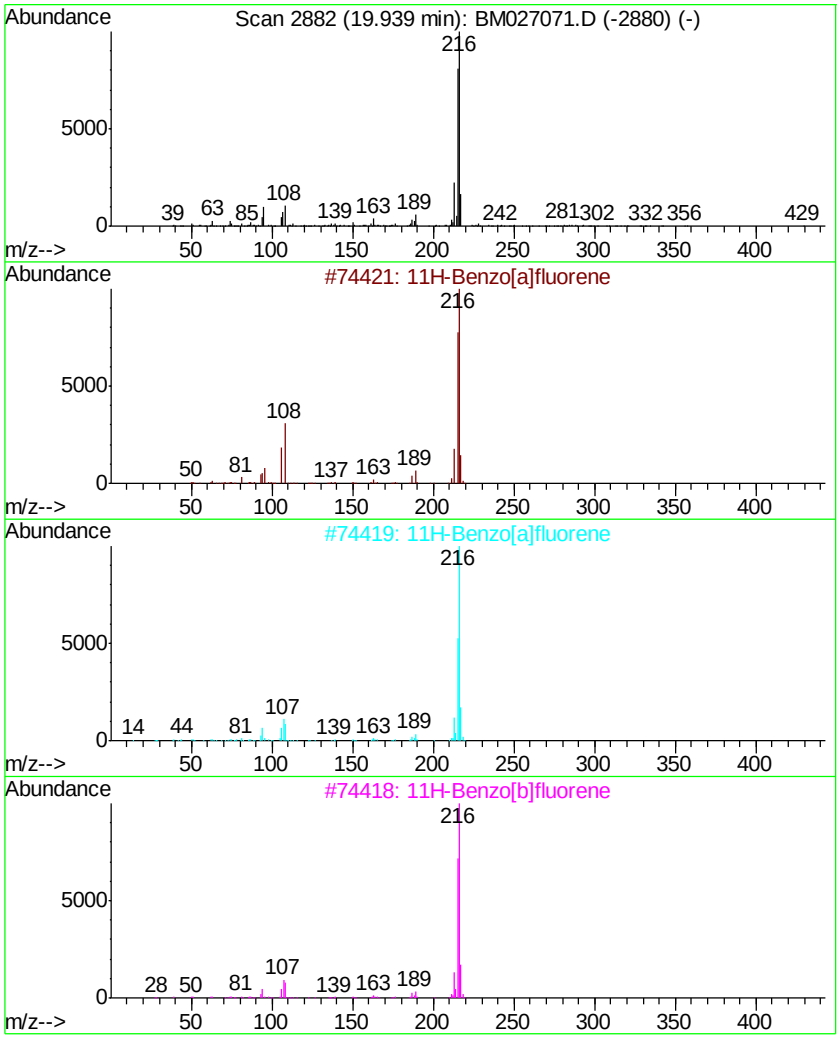
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

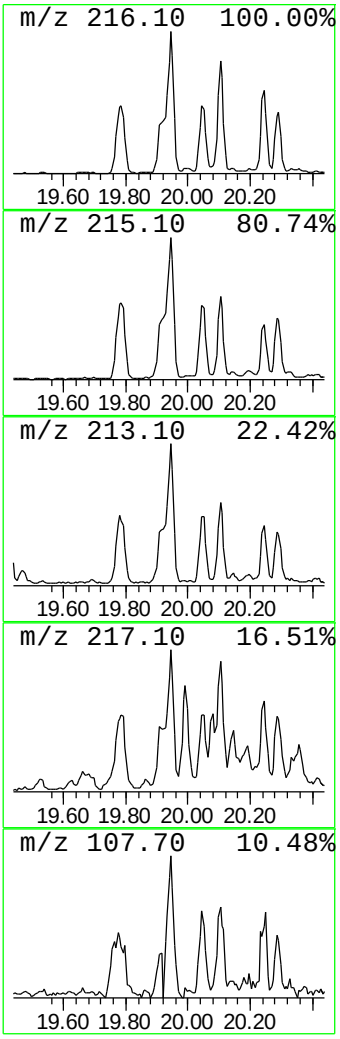
****

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.55 ng/ul	666427	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

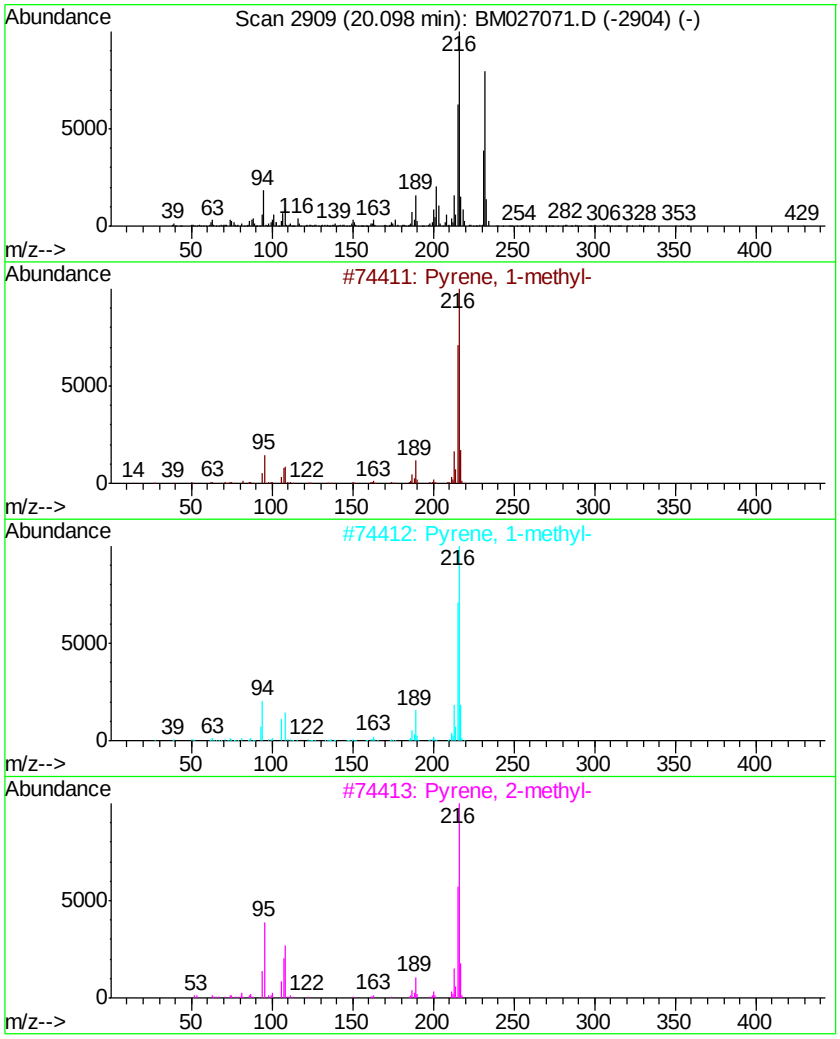
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

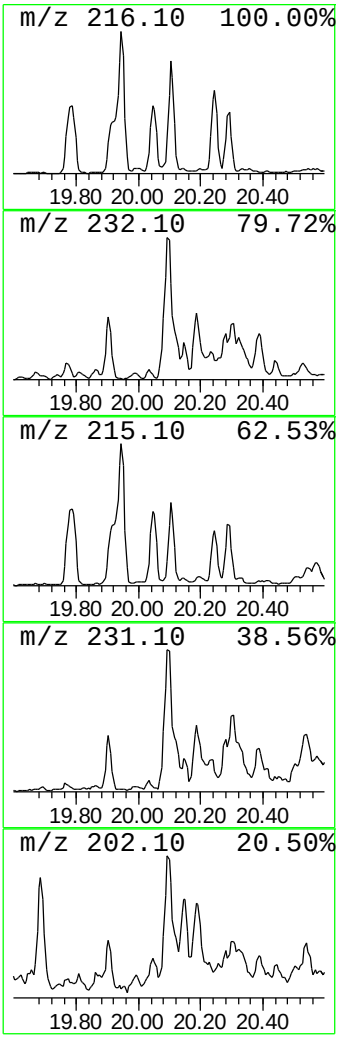
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.00 ng/ul	784289	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

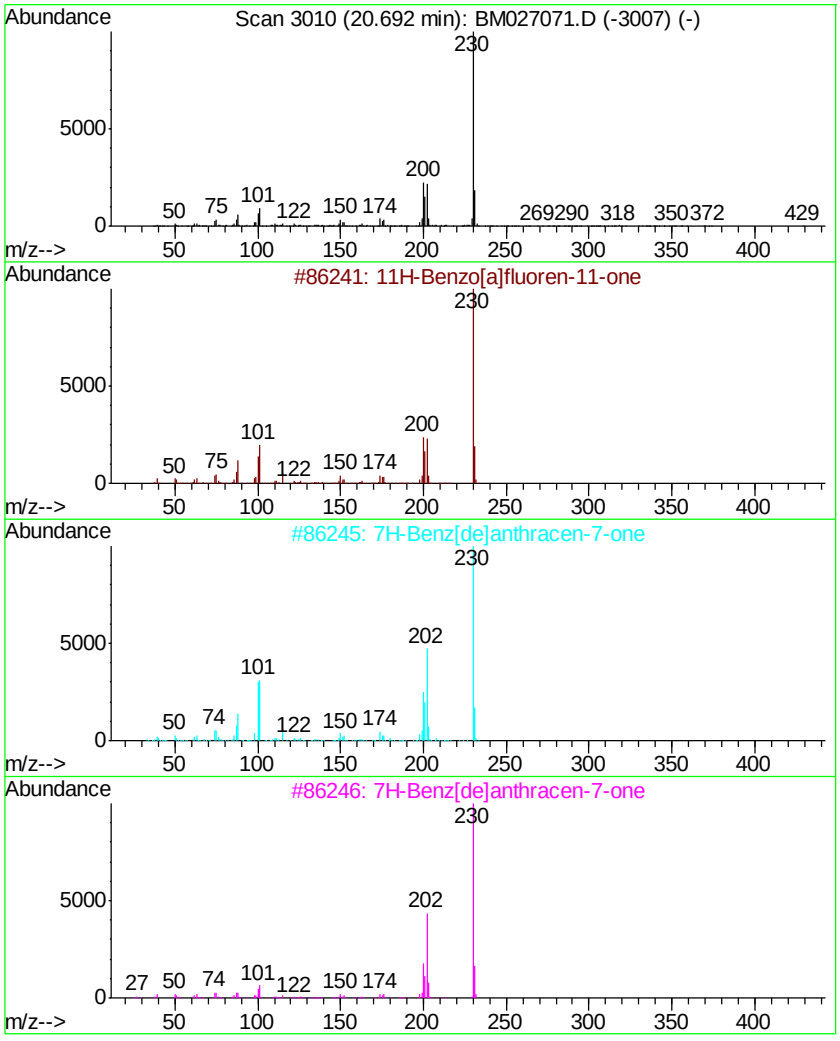
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

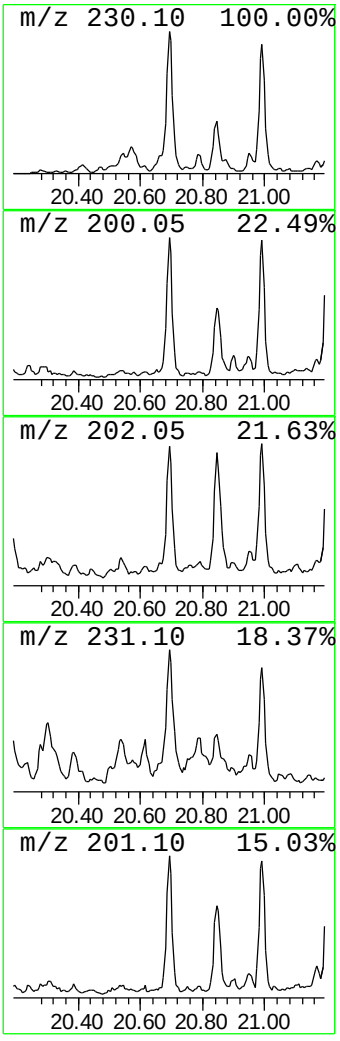
****

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.64 ng/ul	690776	Chrysene-d12	21.22

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	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

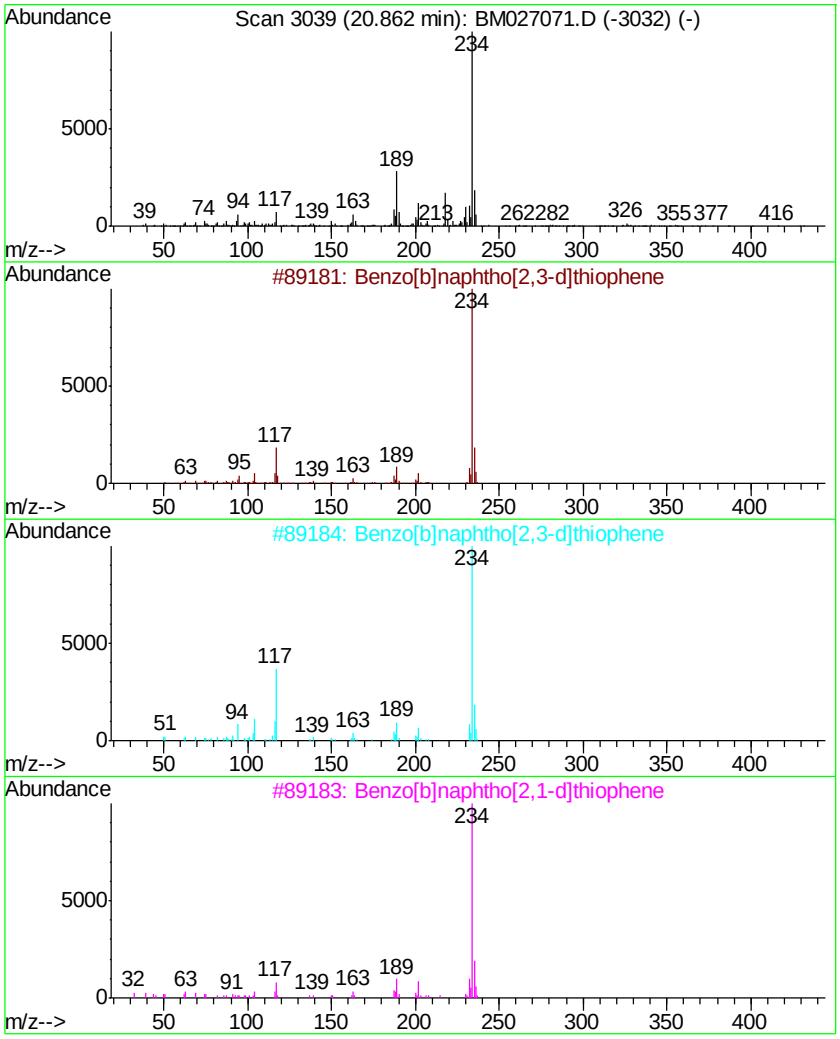
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

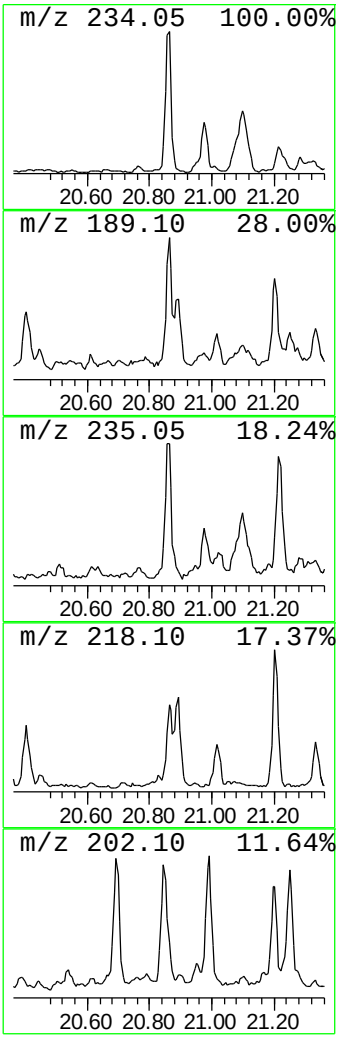
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.77 ng/ul	724941	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

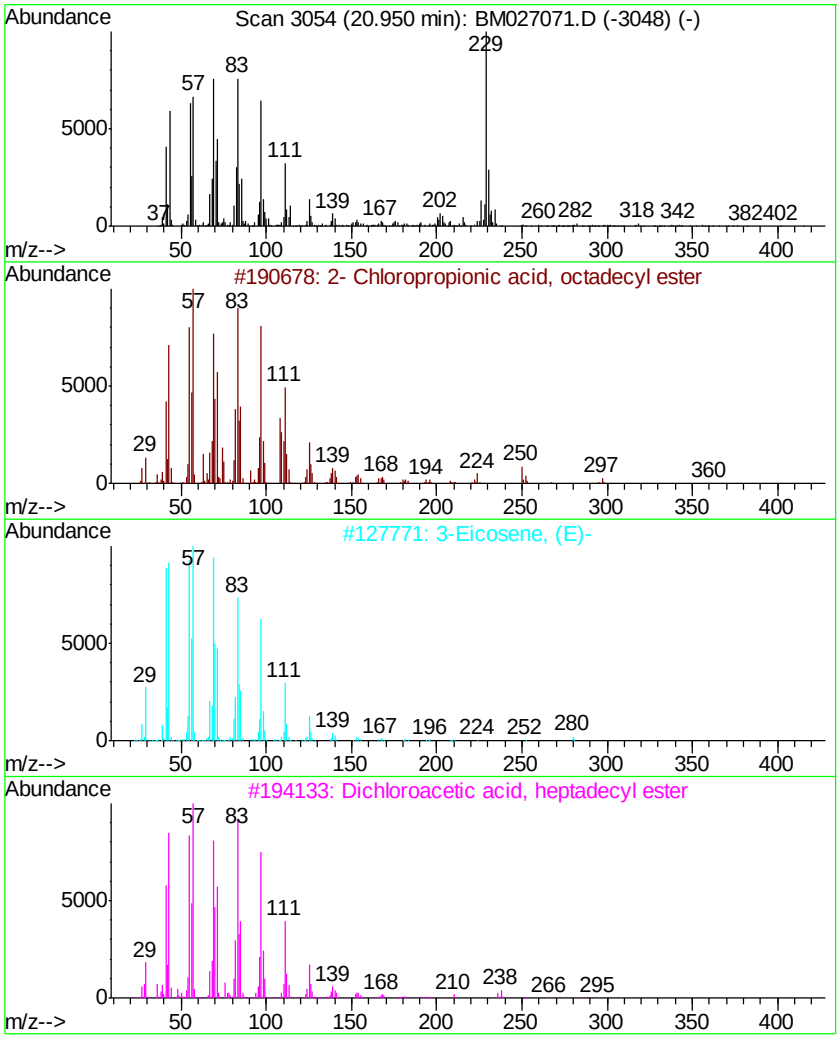
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

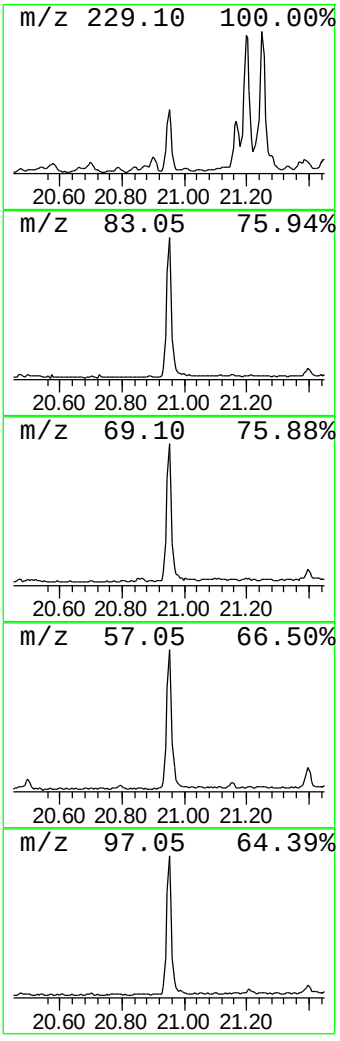
****

Peak Number 19 2- Chloropropionic acid, oc... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.53 ng/ul	1444460	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	86
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	64
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	55
4	1-Heptacosanol	396	C27H56O	002004-39-9	50
5	Behenic alcohol	326	C22H46O	000661-19-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

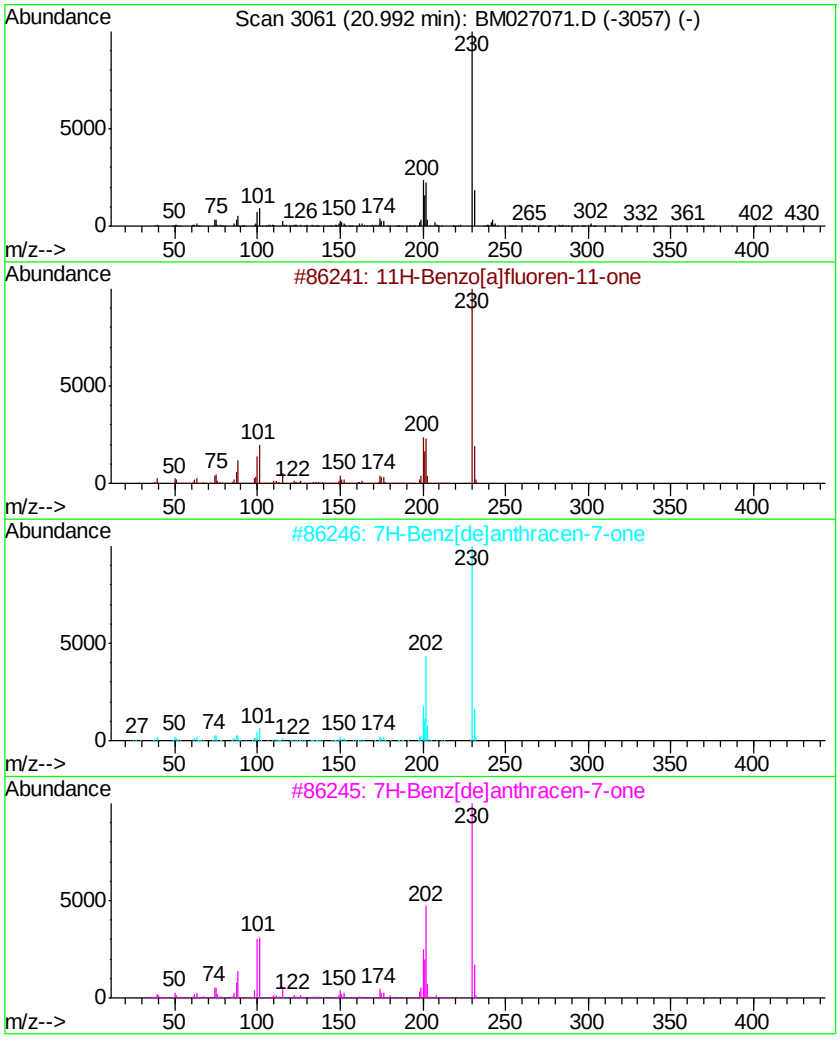
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

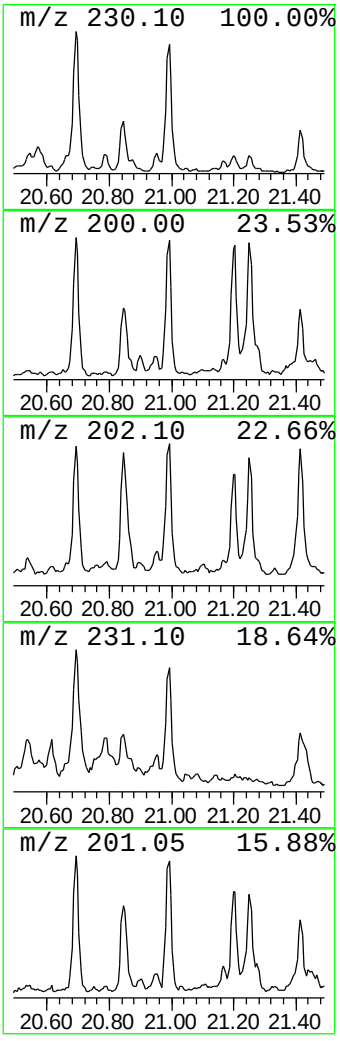
****

Peak Number 20 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.87 ng/ul	748878	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

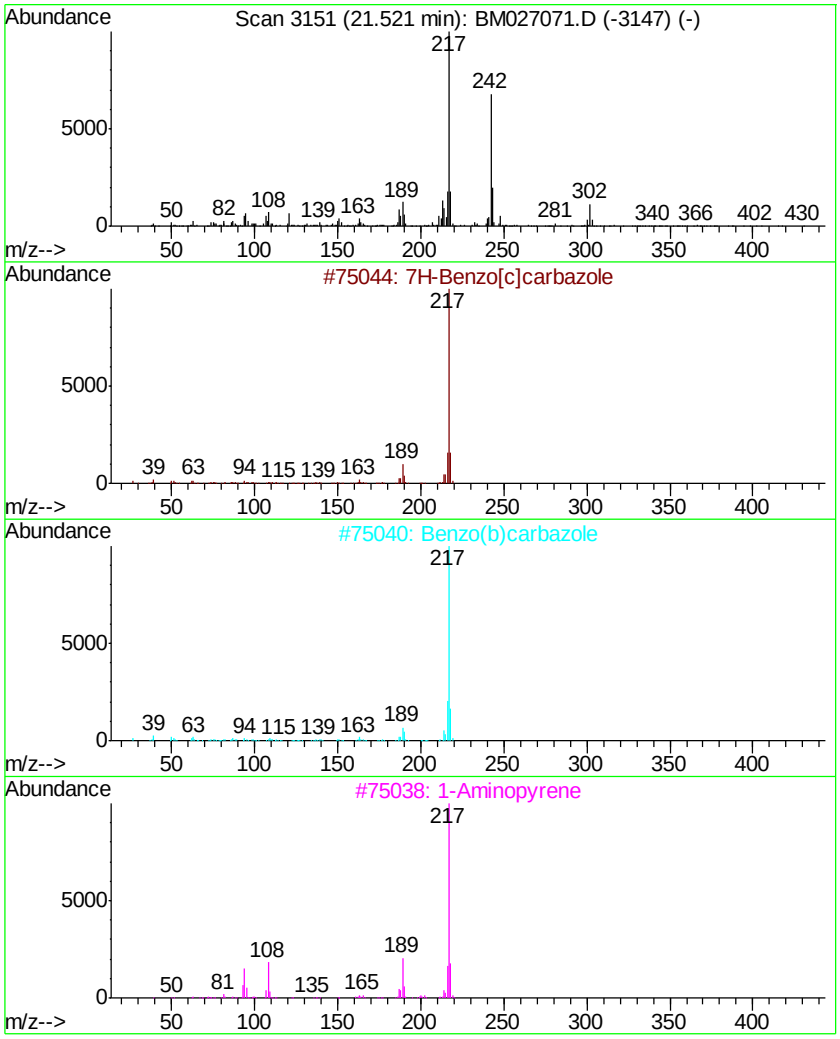
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

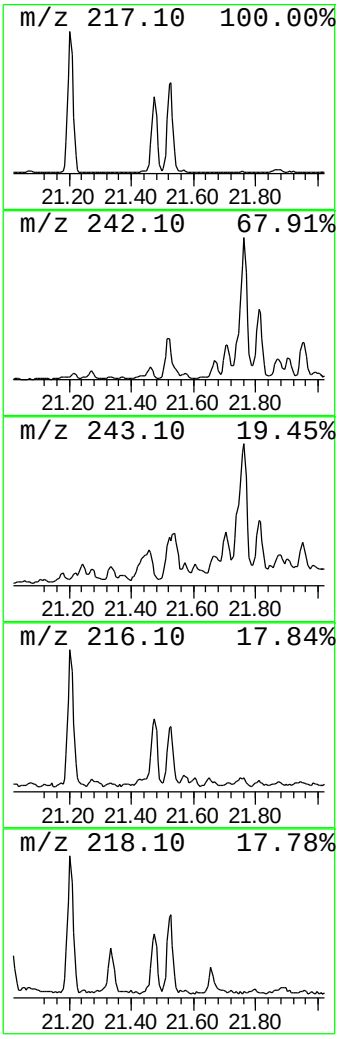
****

Peak Number 21 7H-Benzo[c]carbazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.93 ng/ul	766690	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	50
2	Benzo(b)carbazole	217	C16H11N	000243-28-7	45
3	1-Aminopyrene	217	C16H11N	001606-67-3	43
4	1-Aminopyrene	217	C16H11N	001606-67-3	43
5	Naphthalene, 1-hydroxy-8-[(1,1,2...	302	C18H26O2Si	1000158-98-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

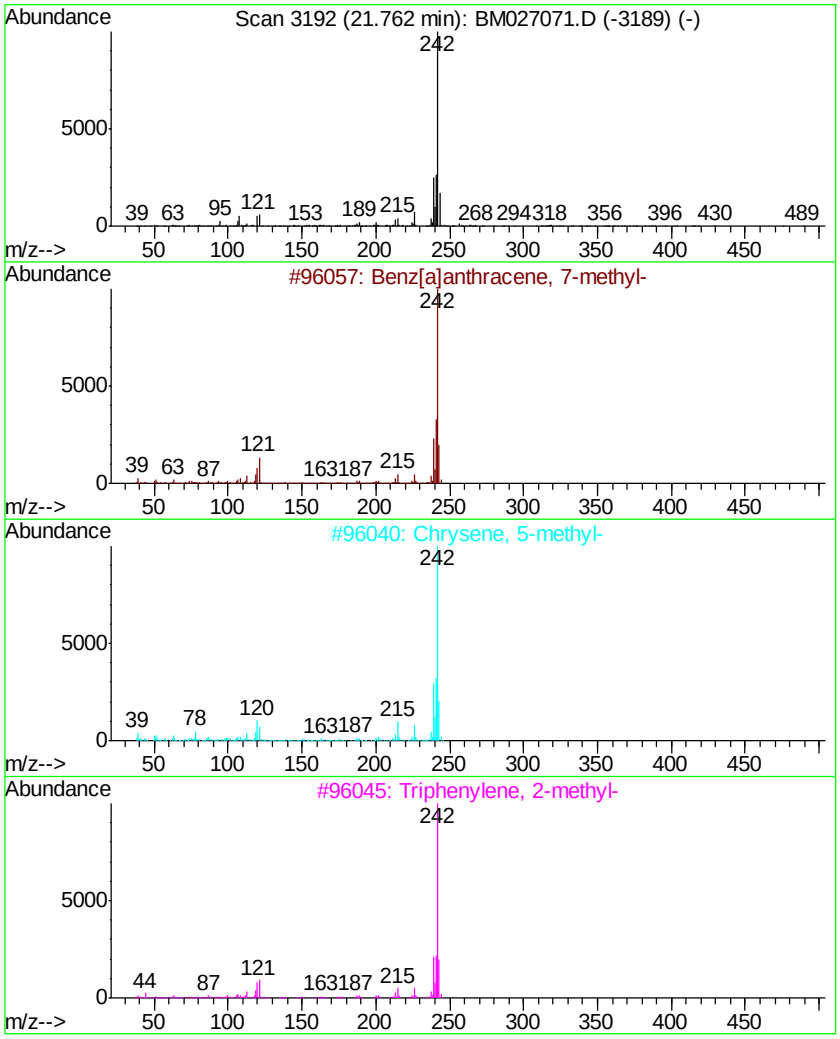
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

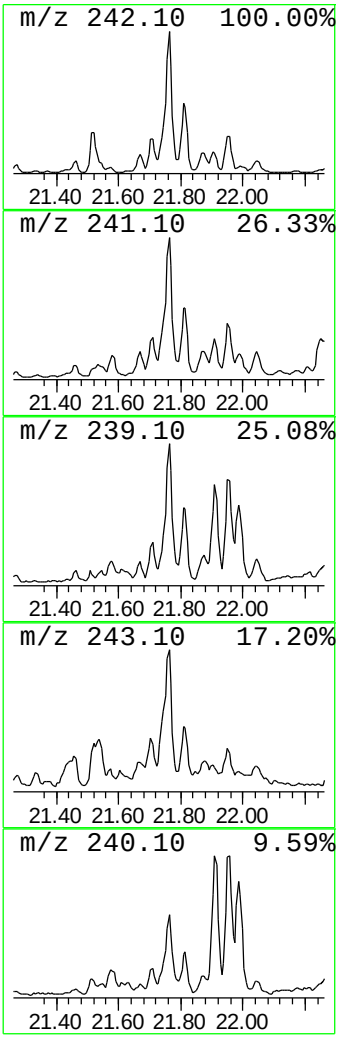
****

Peak Number 22 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.80 ng/ul	733122	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	87
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	87
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
Data File : BM027071.D
Acq On : 13 Aug 2020 21:17
Operator : JU/CG
Sample : L3630-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.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
6H-Dibenzo[b,d]-p...	15.77	2.4	ng/ul	185190	4	17.02	1571380	20.0
9H-Fluoren-9-one	16.67	3.5	ng/ul	277413	4	17.02	1571380	20.0
Phenol, 3-(2-phen...	16.76	2.2	ng/ul	173499	4	17.02	1571380	20.0
Phenanthrene, 2-m...	17.89	7.4	ng/ul	578824	4	17.02	1571380	20.0
Phenanthrene, 1-m...	17.94	13.3	ng/ul	1041310	4	17.02	1571380	20.0
1H-Cyclopropa[l]p...	18.02	3.9	ng/ul	306089	4	17.02	1571380	20.0
4H-Cyclopenta[def...	18.09	10.8	ng/ul	848399	4	17.02	1571380	20.0
1H-Indene, 2-phenyl-	18.13	4.3	ng/ul	339483	4	17.02	1571380	20.0
Naphthalene, 2-ph...	18.40	4.8	ng/ul	373284	4	17.02	1571380	20.0
9,10-Anthracenedione	18.43	5.8	ng/ul	452659	4	17.02	1571380	20.0
Phenanthrene, 2,5...	18.82	6.6	ng/ul	516675	4	17.02	1571380	20.0
unknown-01	18.89	3.1	ng/ul	244288	4	17.02	1571380	20.0
Cyclopenta(def)ph...	18.96	5.2	ng/ul	404459	4	17.02	1571380	20.0
Dieldrin	19.76	4.2	ng/ul	1099350	5	21.22	5227470	20.0
11H-Benzo[a]fluorene	19.94	2.5	ng/ul	666427	5	21.22	5227470	20.0
Pyrene, 1-methyl-	20.10	3.0	ng/ul	784289	5	21.22	5227470	20.0
11H-Benzo[a]fluor...	20.69	2.6	ng/ul	690776	5	21.22	5227470	20.0
Benzo[b]naphtho[2...	20.86	2.8	ng/ul	724941	5	21.22	5227470	20.0
2- Chloropropioni...	20.95	5.5	ng/ul	1444460	5	21.22	5227470	20.0
7H-Benz[de]anthra...	20.99	2.9	ng/ul	748878	5	21.22	5227470	20.0
7H-Benzo[c]carbazole	21.52	2.9	ng/ul	766690	5	21.22	5227470	20.0
Benz[a]anthracene...	21.76	2.8	ng/ul	733122	5	21.22	5227470	20.0