LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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	3.199	32	36	42	rVB	27544	32858	0.97%	0.069%
2	3.699	117	121	127	rVB	22354	28624	0.84%	0.060%
3	3.828	138	143	151	rVB	28708	42867	1.26%	0.089%
4	4.804	305	309	315	rVB	19435	25696	0.76%	0.054%
5	6.816	645	651	664	rBV	559544	912457	26.89%	1.902%
6	6.981	672	679	689	rBV	432988	663059	19.54%	1.382%
7	7.181	705	713	722	rBV	577072	929128	27.38%	1.937%
8	7.257	722	726	730	rBV2	28604	47680	1.41%	0.099%
9	7.639	784	791	798	rBV	528049	795968	23.46%	1.659%
10	8.345	904	911	921	rBV	652843	1039821	30.65%	2.168%
11	8.781	978	985	992	rBV	533936	840804	24.78%	1.753%
12	9.498	1100	1107	1119	rBV	433628	704359	20.76%	1.468%
13	10.039	1192	1199	1210	rBV	710628	1176040	34.66%	2.452%
14	10.410	1255	1262	1268	rBV	651690	1051333	30.98%	2.192%
15	10.457	1268	1270	1277	rVB	19065	29484	0.87%	0.061%
16	10.545	1277	1285	1295	rBV	586682	1009868	29.76%	2.105%
17	12.004	1526	1533	1539	rVB2	10909	17772	0.52%	0.037%
18	12.080	1539	1546	1554	rVB	15823	25182	0.74%	0.053%
19	12.298	1577	1583	1589	rBV2	13086	21015	0.62%	0.044%
20	13.598	1797	1804	1809	rBV2	14065	25377	0.75%	0.053%
21	13.686	1814	1819	1824	rVV	1146790	1618451	47.70%	3.374%
22	13.733	1824	1827	1835	rVV	404519	543863	16.03%	1.134%
23	13.963	1858	1866	1879	rBV	1368155	2079949	61.30%	4.336%
24	14.274	1911	1919	1925	rVV	970358	1384493	40.80%	2.886%
25	14.339	1925	1930	1934	rVV	25810	37280	1.10%	0.078%
26	14.474	1947	1953	1963	rBV	483335	748844	22.07%	1.561%
27	14.674	1982	1987	1997	rVV2	40019	74509	2.20%	0.155%
28	15.268	2081	2088	2094	rBV	1637544	2331988	68.73%	4.862%
29	15.321	2094	2097	2102	rVB2	57005	73437	2.16%	0.153%
30	15.386	2103	2108	2117	rBV	357580	507833	14.97%	1.059%
31	15.510	2122	2129	2134	rBV5	19076	36027	1.06%	0.075%
32	15.621	2144	2148	2152	rBV	25074	34677	1.02%	0.072%
33	15.768	2169	2173	2180	rVV2	28061	56030	1.65%	0.117%
34	15.851	2181	2187	2193	rVB7	8121	18959	0.56%	0.040%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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	15.998	2207	2212	2214	rVV5	12843	21015	0.62%	0.044%
36	16.315	2258	2266	2267	rBV6	9523	19825	0.58%	0.041%
37	16.327	2267	2268	2273	rVV2	13588	18258	0.54%	0.038%
38	16.380	2273	2277	2282	rVB5	11805	17461	0.51%	0.036%
39	16.562	2304	2308	2311	rVV3	23483	35104	1.03%	0.073%
40	16.604	2311	2315	2318	rVV4	19913	33337	0.98%	0.070%
41	16.668	2322	2326	2335	rVB	53447	90729	2.67%	0.189%
42	16.756	2337	2341	2347	rBV2	21869	45838	1.35%	0.096%
43	16.833	2351	2354	2359	rVB	32406	47007	1.39%	0.098%
44	17.015	2379	2385	2389	rBV	1120903	1584786	46.71%	3.304%
45	17.056	2389	2392	2397	rVB	760803	1023271	30.16%	2.133%
46	17.115	2397	2402	2407	rBV	1748143	2424841	71.46%	5.055%
47	17.209	2413	2418	2424	rBV3	25752	41632	1.23%	0.087%
48	17.333	2435	2439	2444	rVB6	13925	23116	0.68%	0.048%
49	17.415	2444	2453	2458	rBV2	65561	126323	3.72%	0.263%
50	17.468	2458	2462	2467	rVV5	14093	23665	0.70%	0.049%
51	17.545	2471	2475	2479	rVV3	26241	39247	1.16%	0.082%
52	17.598	2480	2484	2488	rVB3	20651	29715	0.88%	0.062%
53	17.815	2518	2521	2525	rBV4	13291	18705	0.55%	0.039%
54	17.892	2525	2534	2538	rBV	118356	189569	5.59%	0.395%
55	17.939	2538	2542	2550	rVV2	352922	485611	14.31%	1.012%
56	18.021	2550	2556	2560	rVB3	49911	86097	2.54%	0.179%
57	18.086	2561	2567	2571	rBV2	145292	266658	7.86%	0.556%
58	18.127	2571	2574	2579	rVB	85152	112430	3.31%	0.234%
59	18.239	2590	2593	2598	rVB4	30557	37547	1.11%	0.078%
60	18.398	2615	2620	2623	rVV	108720	146000	4.30%	0.304%
61	18.433	2623	2626	2631	rVB	145301	188799	5.56%	0.394%
62	18.651	2659	2663	2667	rBV2	29814	34856	1.03%	0.073%
63	18.698	2668	2671	2674	rBV	29778	34051	1.00%	0.071%
64	18.733	2674	2677	2682	rVB3	31465	45749	1.35%	0.095%
65	18.815	2686	2691	2697	rBV2	107078	186552	5.50%	0.389%
66	18.880	2697	2702	2705	rBV3	43138	77834	2.29%	0.162%
67	18.909	2705	2707	2711	rVB	28323	30216	0.89%	0.063%
68	18.956	2711	2715	2725	rVB2	88744	153135	4.51%	0.319%
69	19.045	2727	2730	2731	rBV2	23356	24717	0.73%	0.052%
70	19.080	2731	2736	2744	rVB	1280307	1685147	49.66%	3.513%
71	19.150	2745	2748	2750	rBV	15388	19649	0.58%	0.041%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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	19.180	2751	2753	2757	rVB3	23072	25820	0.76%	0.054%
73	19.227	2757	2761	2766	rBV	96071	133309	3.93%	0.278%
74	19.280	2766	2770	2772	rBV	44742	62214	1.83%	0.130%
75	19.415	2787	2793	2796	rBV	2422965	3393107	100.00%	7.074%
76	19.445	2796	2798	2806	rVV	1247117	1346476	39.68%	2.807%
77	19.515	2807	2810	2818	rVB3	57949	113748	3.35%	0.237%
78	19.627	2825	2829	2832	rBV	62881	85894	2.53%	0.179%
79	19.680	2836	2838	2844	rVB	60346	78750	2.32%	0.164%
80	19.762	2847	2852	2860	rBV4	105741	296083	8.73%	0.617%
81	19.909	2873	2877	2879	rBV3	67957	106403	3.14%	0.222%
82	19.939	2879	2882	2888	rVB	148159	231444	6.82%	0.483%
83	20.045	2896	2900	2903	rBV	78439	93260	2.75%	0.194%
84	20.097	2905	2909	2914	rVB2	142844	202456	5.97%	0.422%
85	20.239	2930	2933	2937	rBV	79797	85793	2.53%	0.179%
86	20.286	2937	2941	2946	rBV3	74558	110373	3.25%	0.230%
87	20.497	2974	2977	2979	rBV4	38631	46631	1.37%	0.097%
88	20.692	3006	3010	3016	rVB	143062	192567	5.68%	0.401%
89	20.856	3033	3038	3041	rBV2	88404	159651	4.71%	0.333%
90	20.897	3041	3045	3048	rVV	114612	144537	4.26%	0.301%
91	20.944	3048	3053	3057	rVV2	788110	999287	29.45%	2.083%
92	20.986	3057	3060	3069	rVB	168508	258068	7.61%	0.538%
93	21.209	3091	3098	3102	rBV2	1667540	2840996	83.73%	5.923%
94	21.244	3102	3104	3111	rVB	640586	748219	22.05%	1.560%
95	21.809	3197	3200	3201	rBV2	89557	96789	2.85%	0.202%
96	22.756	3355	3361	3377	rVB	527999	1711682	50.45%	3.569%
97	23.221	3435	3440	3443	rBV	298202	524391	15.45%	1.093%
98	23.268	3443	3448	3453	rVV	1646659	2937031	86.56%	6.123%
99	23.315	3453	3456	3464	rVB	480628	831897	24.52%	1.734%
100	23.409	3466	3472	3477	rBV	928380	1674569	49.35%	3.491%

Sum of corrected areas: 47965669

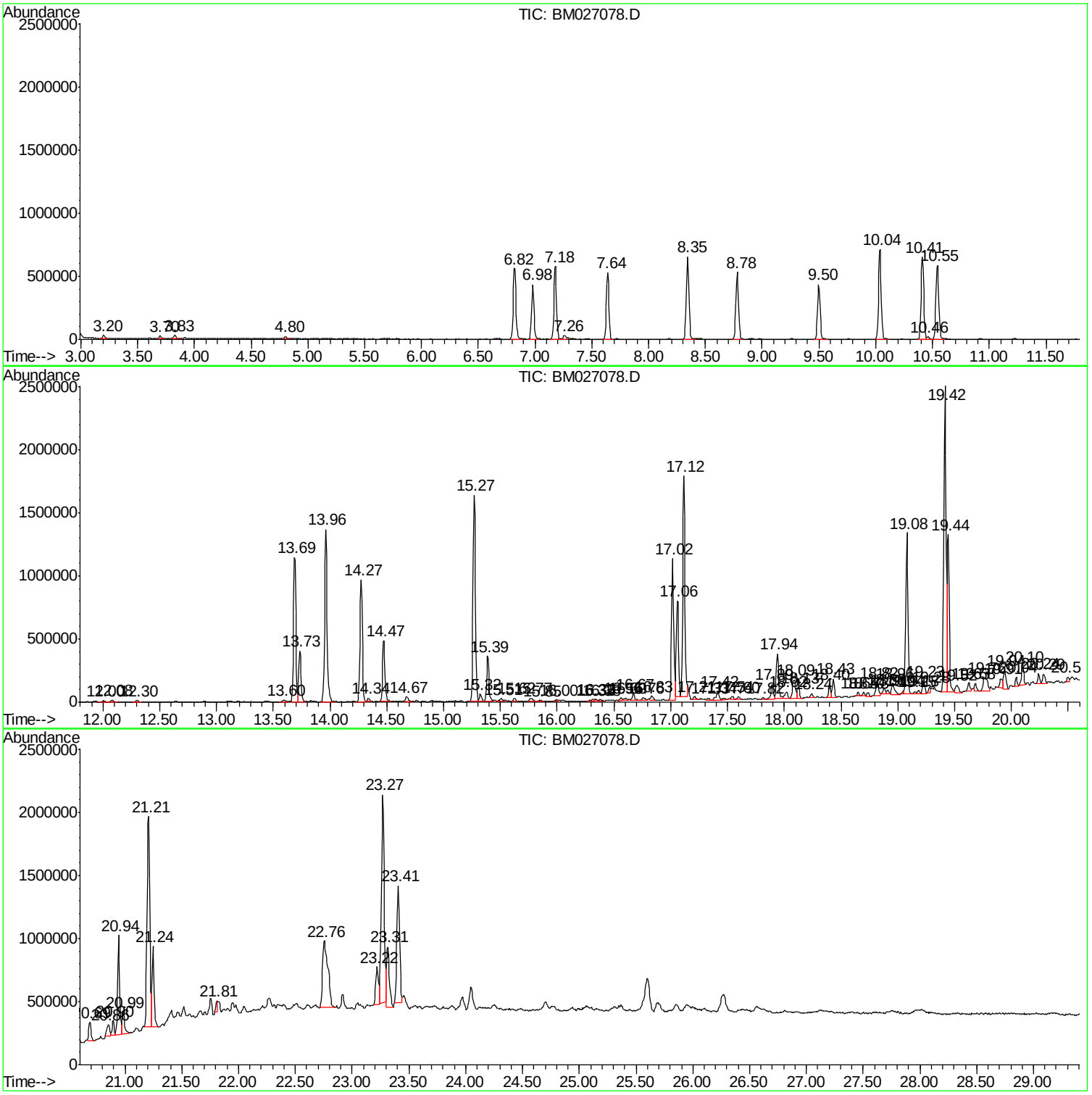
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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 : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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

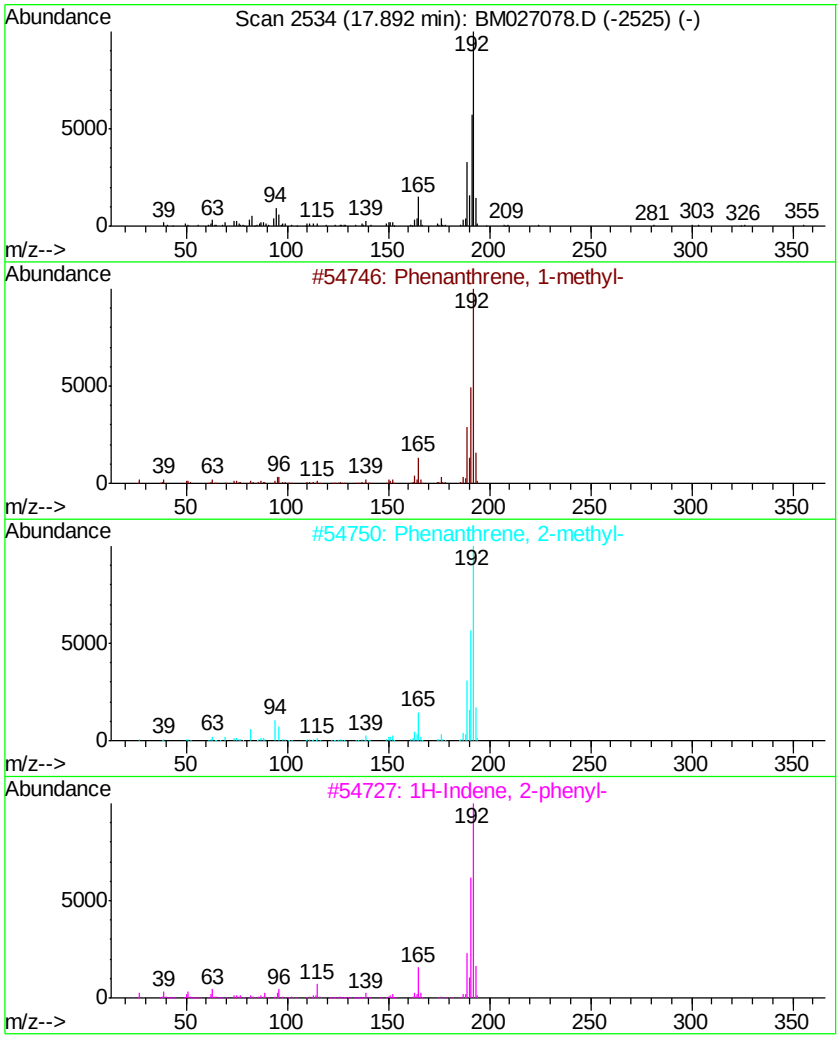
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

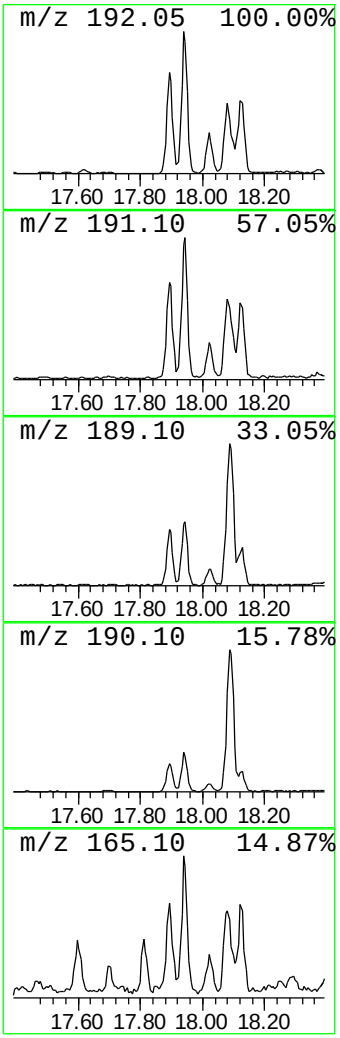
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.39 ng/ul	189569	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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

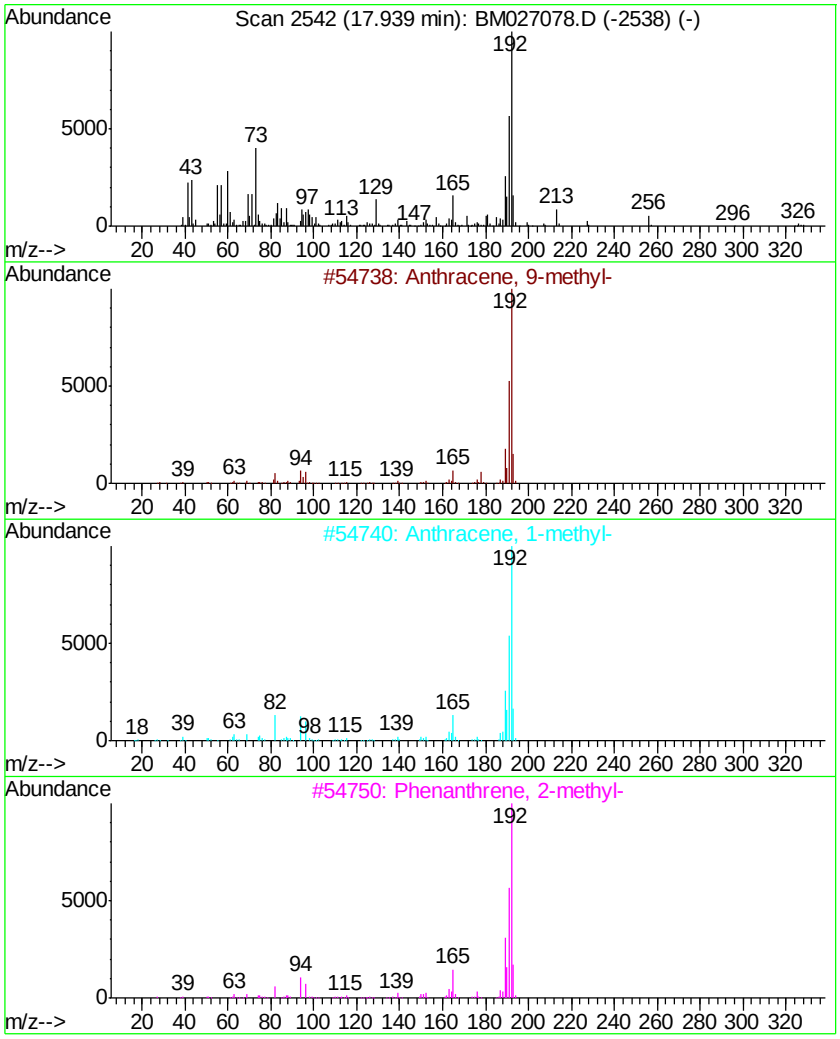
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

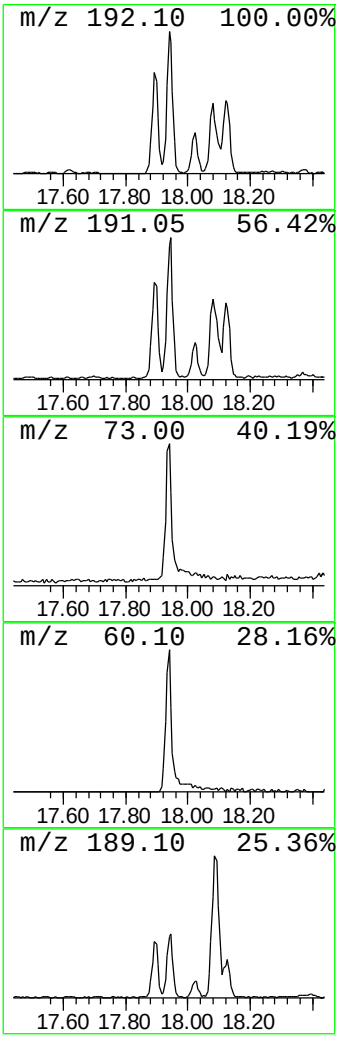
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	6.13 ng/ul	485611	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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

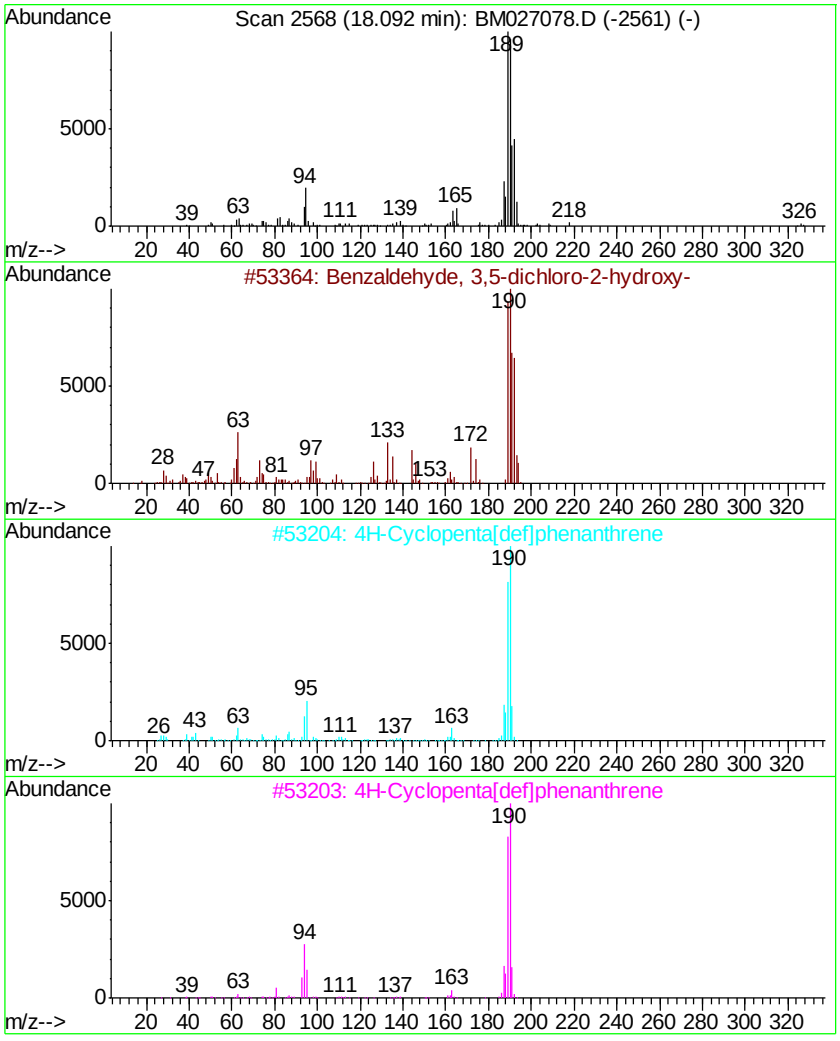
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

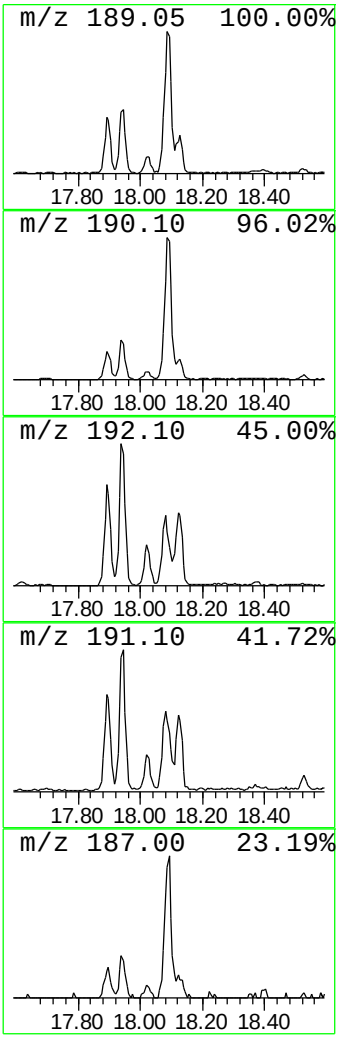
****

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.37 ng/ul	266658	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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

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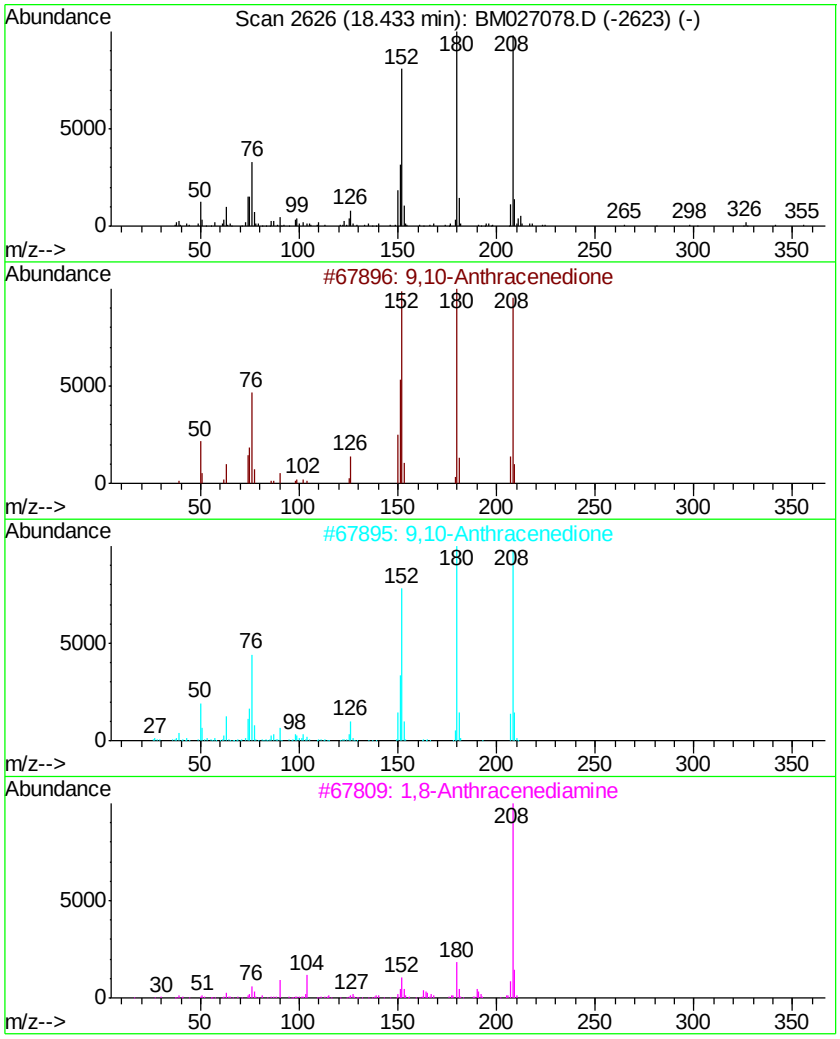
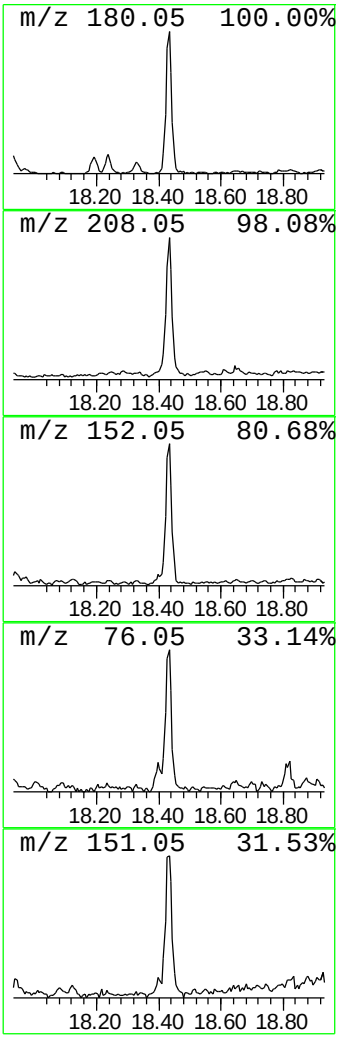
Peak Number 4 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.38 ng/ul	188799	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	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	80
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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

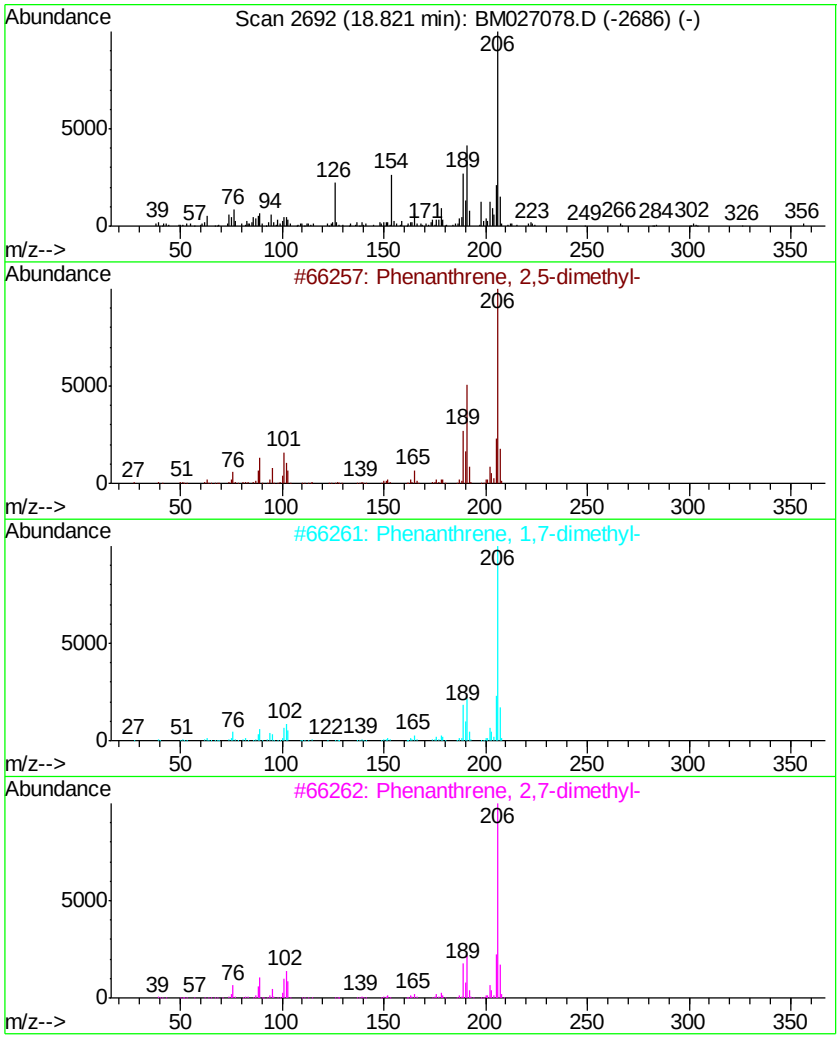
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

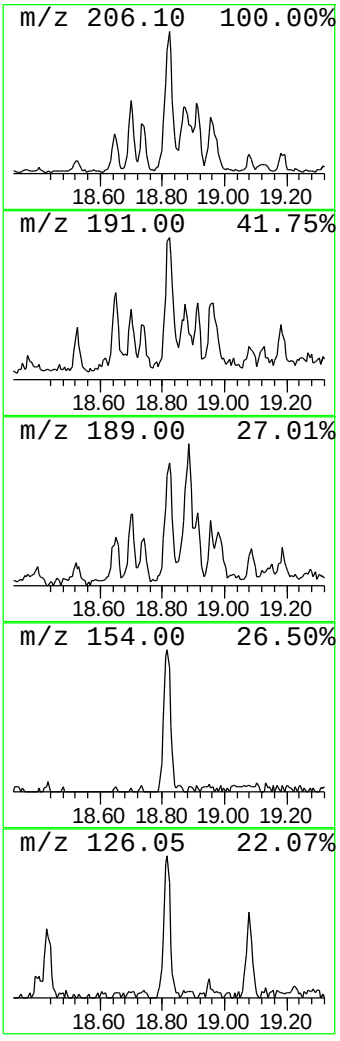
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.35 ng/ul	186552	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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

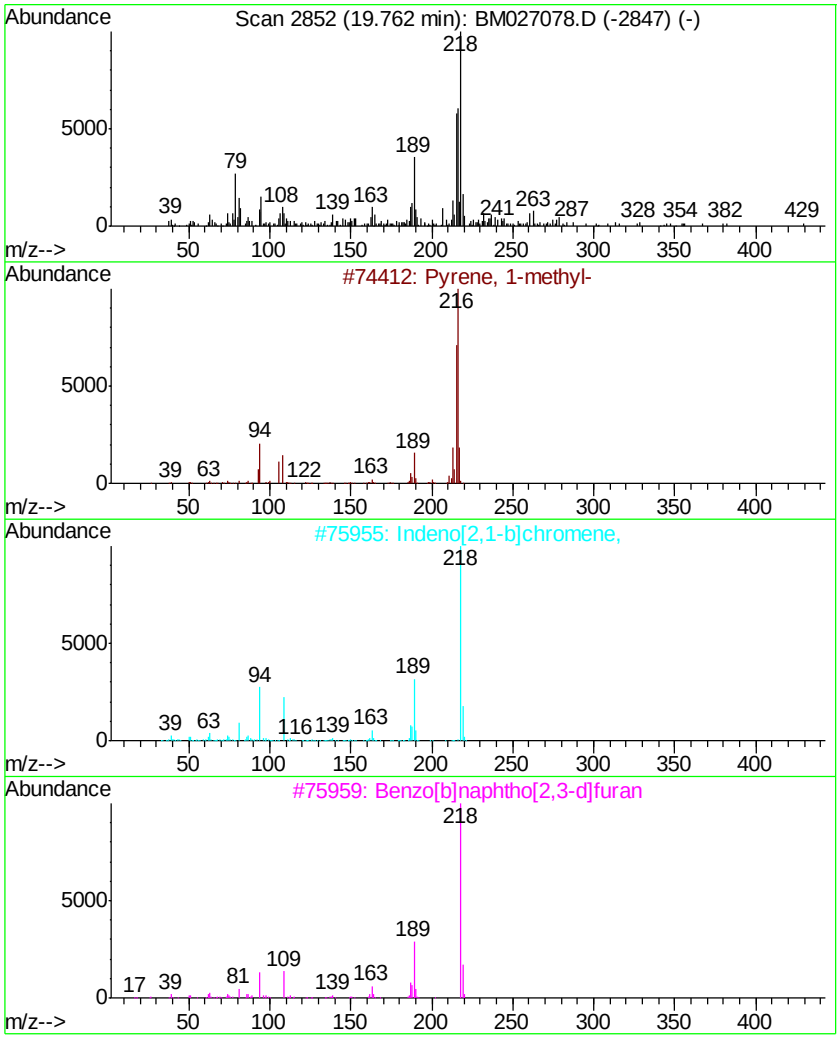
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

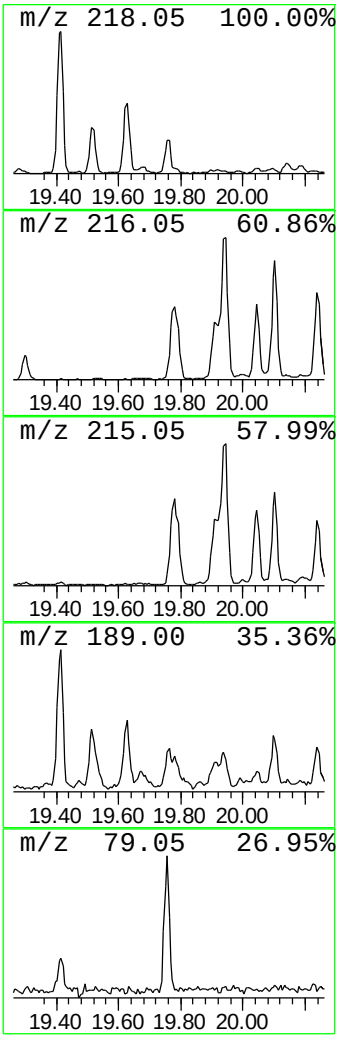
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.08 ng/ul	296083	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
2	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	55
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	50
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	49
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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

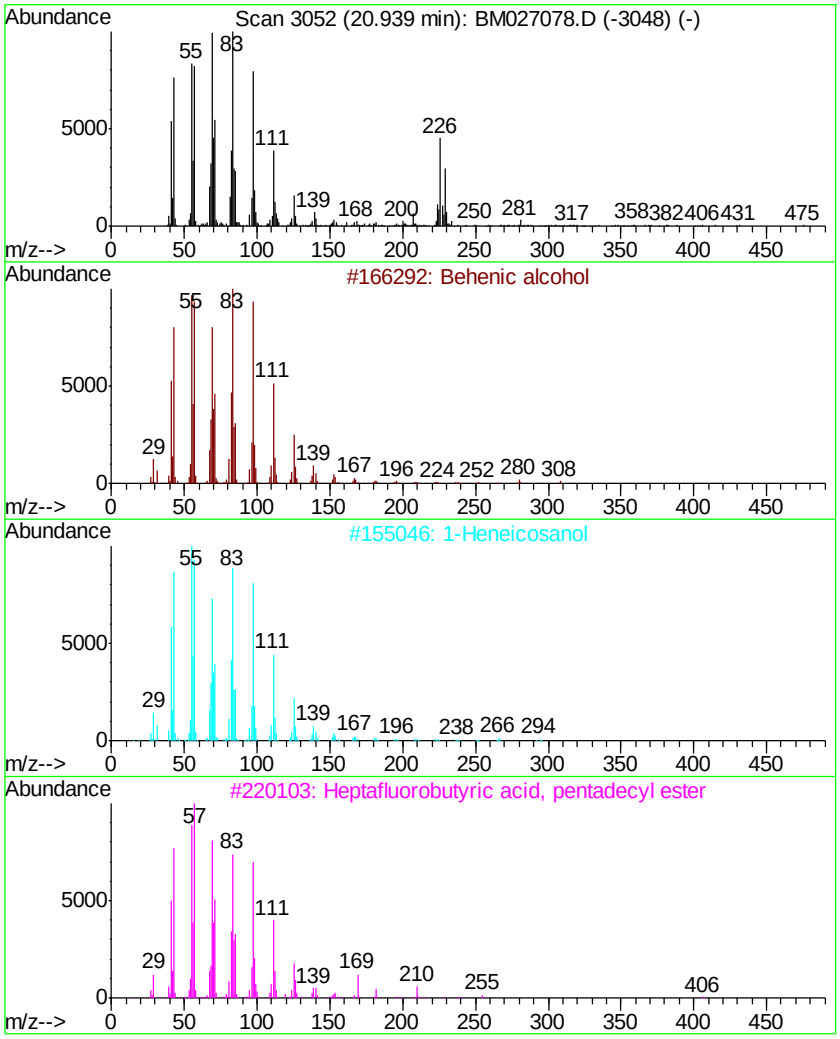
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

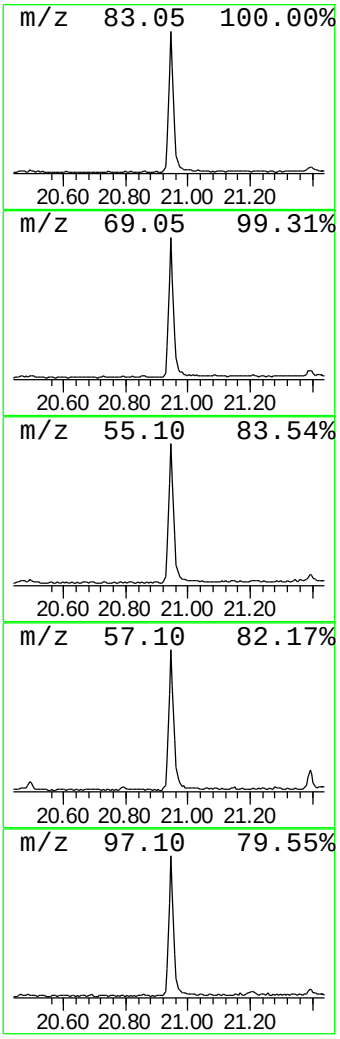
****

Peak Number 7 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	7.03 ng/ul	999287	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	92
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Cyclotetradecane	196	C14H28	000295-17-0	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML6

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
Phenanthrene, 1-m...	17.89	2.4	ng/ul	189569	4	17.02	1584790	20.0
Anthracene, 9-met...	17.94	6.1	ng/ul	485611	4	17.02	1584790	20.0
Benzaldehyde, 3,5...	18.09	3.4	ng/ul	266658	4	17.02	1584790	20.0
9,10-Anthracenedione	18.43	2.4	ng/ul	188799	4	17.02	1584790	20.0
Phenanthrene, 2,5...	18.82	2.4	ng/ul	186552	4	17.02	1584790	20.0
Pyrene, 1-methyl-	19.76	2.1	ng/ul	296083	5	21.21	2841000	20.0
Behenic alcohol	20.94	7.0	ng/ul	999287	5	21.21	2841000	20.0