LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027065.D
Acq On : 13 Aug 2020 17:38
Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

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	3.204	34	37	43	rVB	22567	29662	1.02%	0.076%
2	3.698	118	121	127	rVB2	17740	21356	0.73%	0.054%
3	3.834	139	144	149	rVB	24491	36602	1.26%	0.093%
4	3.922	155	159	166	rVB3	8757	13588	0.47%	0.035%
5	4.804	306	309	314	rVB	14046	18803	0.65%	0.048%
6	6.822	645	652	663	rVB	471715	749457	25.77%	1.909%
7	6.981	671	679	688	rBV	363941	551022	18.95%	1.403%
8	7.181	706	713	722	rVB	489262	766572	26.36%	1.952%
9	7.257	722	726	738	rBV	39581	79184	2.72%	0.202%
10	7.639	785	791	798	rBV	495751	757709	26.05%	1.930%
11	8.345	904	911	922	rBV	561067	875123	30.09%	2.229%
12	8.781	976	985	996	rBV	452796	718082	24.69%	1.829%
13	9.498	1100	1107	1115	rBV	355779	574106	19.74%	1.462%
14	10.039	1192	1199	1211	rVB	593504	987574	33.95%	2.515%
15	10.410	1255	1262	1269	rBV	599099	992843	34.14%	2.529%
16	10.545	1277	1285	1295	rBV	483334	822194	28.27%	2.094%
17	12.010	1527	1534	1538	rVV	8390	13990	0.48%	0.036%
18	12.839	1671	1675	1680	rBV	10411	13740	0.47%	0.035%
19	13.192	1731	1735	1740	rVB3	9274	13904	0.48%	0.035%
20	13.598	1794	1804	1809	rBV3	7908	13440	0.46%	0.034%
21	13.692	1814	1820	1824	rVV	1002045	1387391	47.70%	3.533%
22	13.733	1824	1827	1835	rVB	399211	552393	18.99%	1.407%
23	13.963	1856	1866	1878	rBV	1155234	1805507	62.08%	4.598%
24	14.274	1912	1919	1926	rVV	937809	1345389	46.26%	3.426%
25	14.339	1926	1930	1937	rVB7	6374	10308	0.35%	0.026%
26	14.468	1946	1952	1965	rBV	446335	662165	22.77%	1.686%
27	14.674	1983	1987	1991	rVV3	9364	16428	0.56%	0.042%
28	14.898	2017	2025	2031	rBV8	5065	12019	0.41%	0.031%
29	15.104	2056	2060	2064	rVV5	8130	11375	0.39%	0.029%
30	15.157	2064	2069	2075	rVB6	6790	12391	0.43%	0.032%
31	15.268	2082	2088	2094	rVV	1481348	2029216	69.77%	5.168%
32	15.327	2094	2098	2103	rVV2	21883	34114	1.17%	0.087%
33	15.386	2103	2108	2117	rVV	354400	485785	16.70%	1.237%
34	15.509	2123	2129	2134	rVV6	17272	29717	1.02%	0.076%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
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Acq On : 13 Aug 2020 17:38
Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

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	15.621	2143	2148	2151	rBV4	8709	13106	0.45%	0.033%
36	15.780	2171	2175	2181	rVB5	9108	16716	0.57%	0.043%
37	15.851	2181	2187	2192	rBV8	5506	13656	0.47%	0.035%
38	16.004	2208	2213	2214	rVV4	6409	10892	0.37%	0.028%
39	16.057	2218	2222	2228	rVB8	7806	15323	0.53%	0.039%
40	16.327	2262	2268	2274	rVV7	7485	17105	0.59%	0.044%
41	16.562	2304	2308	2312	rVV6	10639	17827	0.61%	0.045%
42	16.604	2312	2315	2319	rVV4	13269	17850	0.61%	0.045%
43	16.674	2323	2327	2337	rVB2	24207	48540	1.67%	0.124%
44	16.756	2337	2341	2347	rBV7	10651	22089	0.76%	0.056%
45	16.839	2347	2355	2361	rVB3	13955	33224	1.14%	0.085%
46	17.015	2380	2385	2389	rBV	1102272	1568999	53.94%	3.996%
47	17.056	2389	2392	2397	rVV	386432	527288	18.13%	1.343%
48	17.115	2397	2402	2413	rVV	1578628	2249157	77.33%	5.728%
49	17.203	2413	2417	2424	rVB7	12634	27387	0.94%	0.070%
50	17.327	2436	2438	2444	rVB5	9354	13965	0.48%	0.036%
51	17.421	2444	2454	2458	rBV3	21225	44729	1.54%	0.114%
52	17.468	2458	2462	2466	rBV6	6600	10116	0.35%	0.026%
53	17.545	2471	2475	2479	rVV2	29861	38162	1.31%	0.097%
54	17.598	2481	2484	2489	rVB4	16477	21756	0.75%	0.055%
55	17.815	2516	2521	2525	rBV6	10462	19694	0.68%	0.050%
56	17.892	2528	2534	2538	rVV	68187	107825	3.71%	0.275%
57	17.939	2538	2542	2550	rVV2	283459	399962	13.75%	1.019%
58	18.009	2550	2554	2559	rVV3	26555	61207	2.10%	0.156%
59	18.086	2561	2567	2571	rVV2	95519	178244	6.13%	0.454%
60	18.121	2571	2573	2579	rVB	55283	69450	2.39%	0.177%
61	18.239	2590	2593	2599	rVV8	20665	29443	1.01%	0.075%
62	18.398	2616	2620	2623	rVV	74084	104147	3.58%	0.265%
63	18.433	2623	2626	2633	rVB	86864	116094	3.99%	0.296%
64	18.609	2654	2656	2660	rBV4	6673	9978	0.34%	0.025%
65	18.650	2660	2663	2666	rVV3	20896	22845	0.79%	0.058%
66	18.698	2668	2671	2675	rVV	20287	28797	0.99%	0.073%
67	18.739	2675	2678	2682	rVB3	19482	23440	0.81%	0.060%
68	18.815	2684	2691	2696	rBV3	81479	148851	5.12%	0.379%
69	18.880	2698	2702	2705	rVV4	38560	65045	2.24%	0.166%
70	18.909	2705	2707	2711	rVV2	22673	34009	1.17%	0.087%
71	18.950	2711	2714	2723	rVB2	60922	108162	3.72%	0.275%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

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	19.080	2731	2736	2741	rVB	809208	1066200	36.66%	2.715%
73	19.186	2751	2754	2757	rBV5	14898	20254	0.70%	0.052%
74	19.227	2757	2761	2766	rVB2	115584	153659	5.28%	0.391%
75	19.280	2767	2770	2772	rBV2	23632	29300	1.01%	0.075%
76	19.415	2787	2793	2796	rBV	2048554	2908535	100.00%	7.407%
77	19.445	2796	2798	2805	rVB	931208	996237	34.25%	2.537%
78	19.627	2825	2829	2833	rBV	32433	50553	1.74%	0.129%
79	19.680	2836	2838	2845	rVB3	27165	38571	1.33%	0.098%
80	19.756	2846	2851	2866	rBV2	485845	743426	25.56%	1.893%
81	19.909	2873	2877	2879	rBV2	49886	76528	2.63%	0.195%
82	19.945	2880	2883	2889	rVB	87528	125157	4.30%	0.319%
83	19.997	2890	2892	2895	rBV3	20917	19003	0.65%	0.048%
84	20.044	2897	2900	2904	rVV	38640	49198	1.69%	0.125%
85	20.103	2905	2910	2914	rVB2	95957	134963	4.64%	0.344%
86	20.239	2930	2933	2937	rVB	62931	71890	2.47%	0.183%
87	20.286	2938	2941	2947	rVV2	52489	77979	2.68%	0.199%
88	20.497	2974	2977	2980	rBV3	45826	52676	1.81%	0.134%
89	20.692	3006	3010	3016	rVB	99949	128452	4.42%	0.327%
90	20.856	3033	3038	3041	rBV2	61379	119962	4.12%	0.306%
91	20.897	3042	3045	3048	rVV	86047	95114	3.27%	0.242%
92	20.950	3048	3054	3058	rVV2	595896	826917	28.43%	2.106%
93	20.986	3058	3060	3065	rVB	101417	117089	4.03%	0.298%
94	21.209	3092	3098	3102	rBV2	1599023	2451038	84.27%	6.242%
95	21.250	3102	3105	3112	rVB	440107	567969	19.53%	1.447%
96	21.397	3128	3130	3136	rVB3	61840	101764	3.50%	0.259%
97	22.756	3356	3361	3379	rVB	372854	1314301	45.19%	3.347%
98	23.221	3436	3440	3443	rBV	221147	353113	12.14%	0.899%
99	23.274	3443	3449	3453	rVV	1299504	2184198	75.10%	5.563%
100	23.409	3466	3472	3478	rBV	955278	1692650	58.20%	4.311%

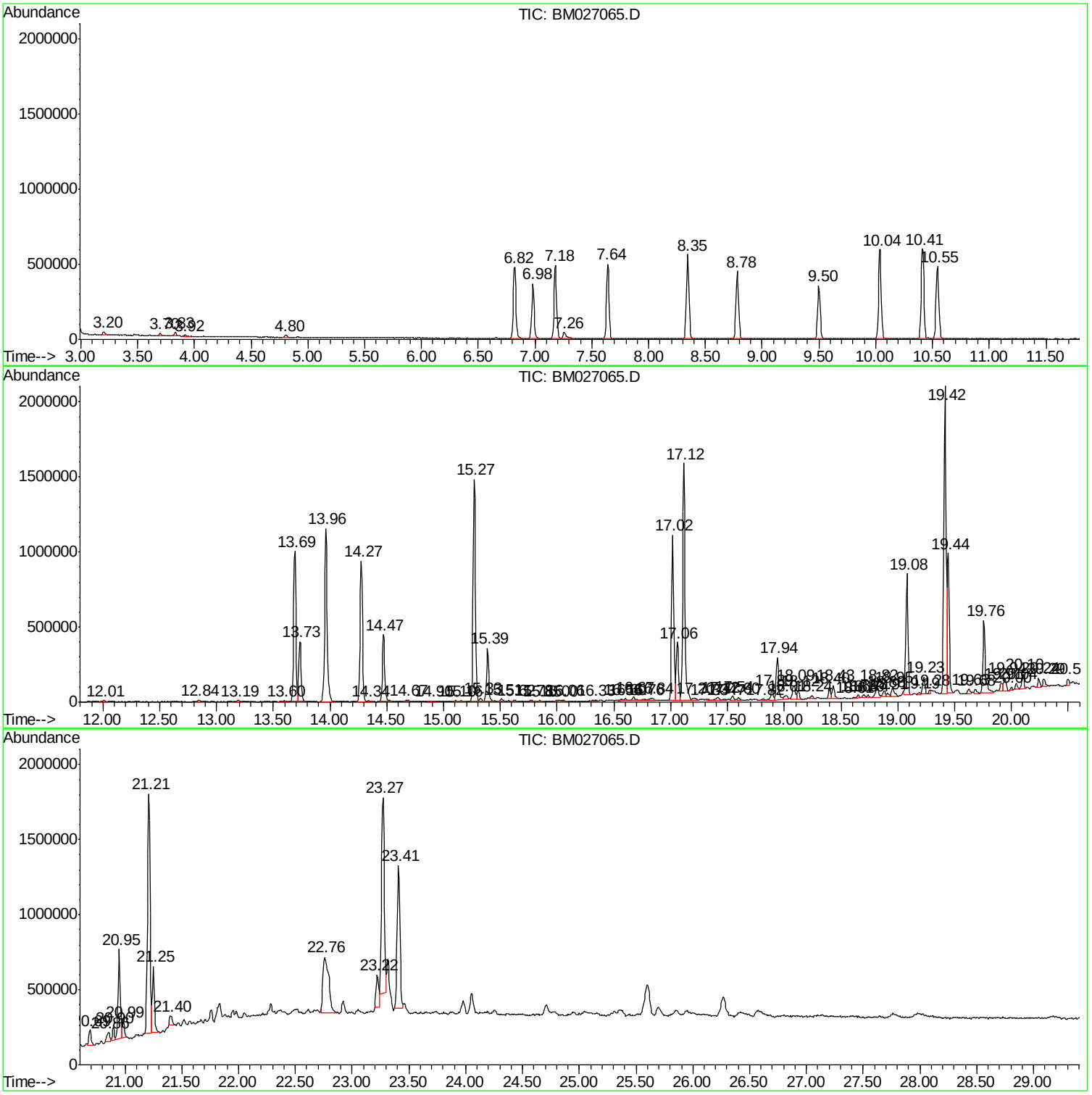
Sum of corrected areas: 39264925

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027065.D
Acq On : 13 Aug 2020 17:38
Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027065.D
Acq On : 13 Aug 2020 17:38
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Sample : L3630-15
Misc :
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Instrument : BNA_M
ClientSampleId : BFML1

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

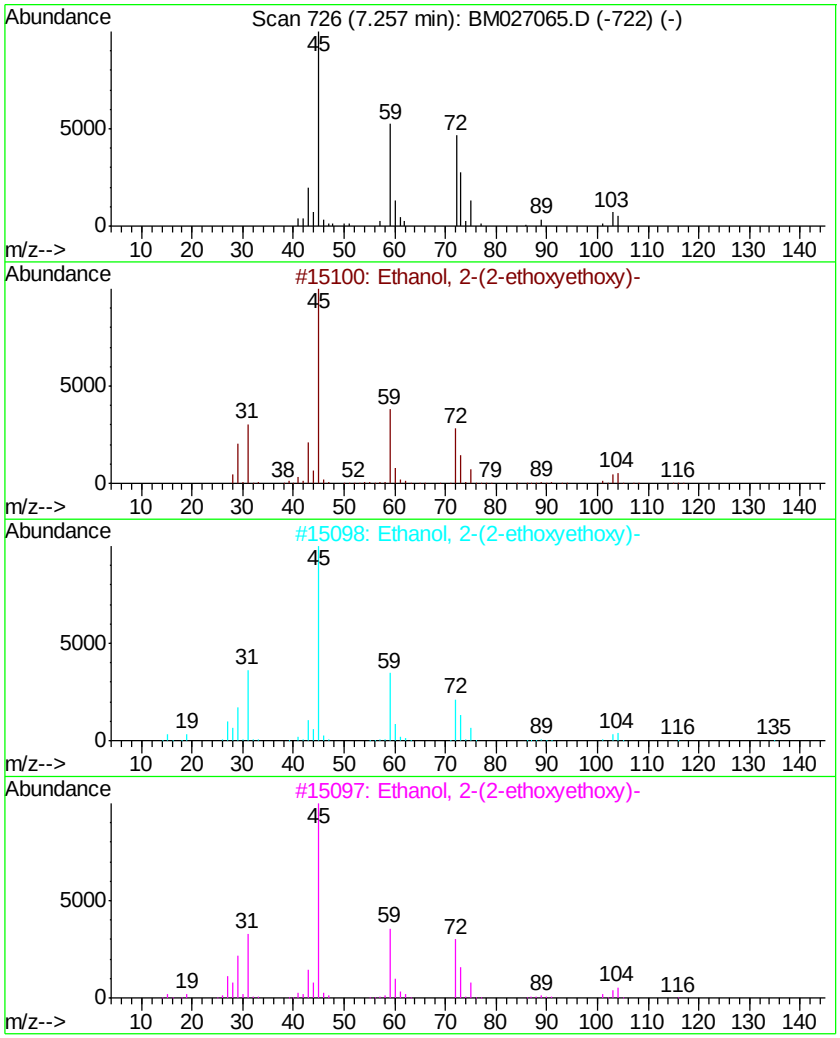
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

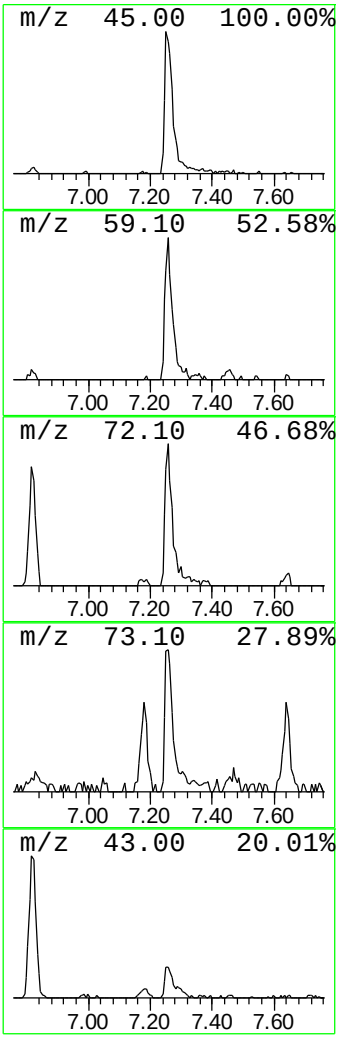
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	2.09 ng/ul	79184	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
4	Diethyl carbitol	162	C8H18O3	000112-36-7	56
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027065.D
Acq On : 13 Aug 2020 17:38
Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

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

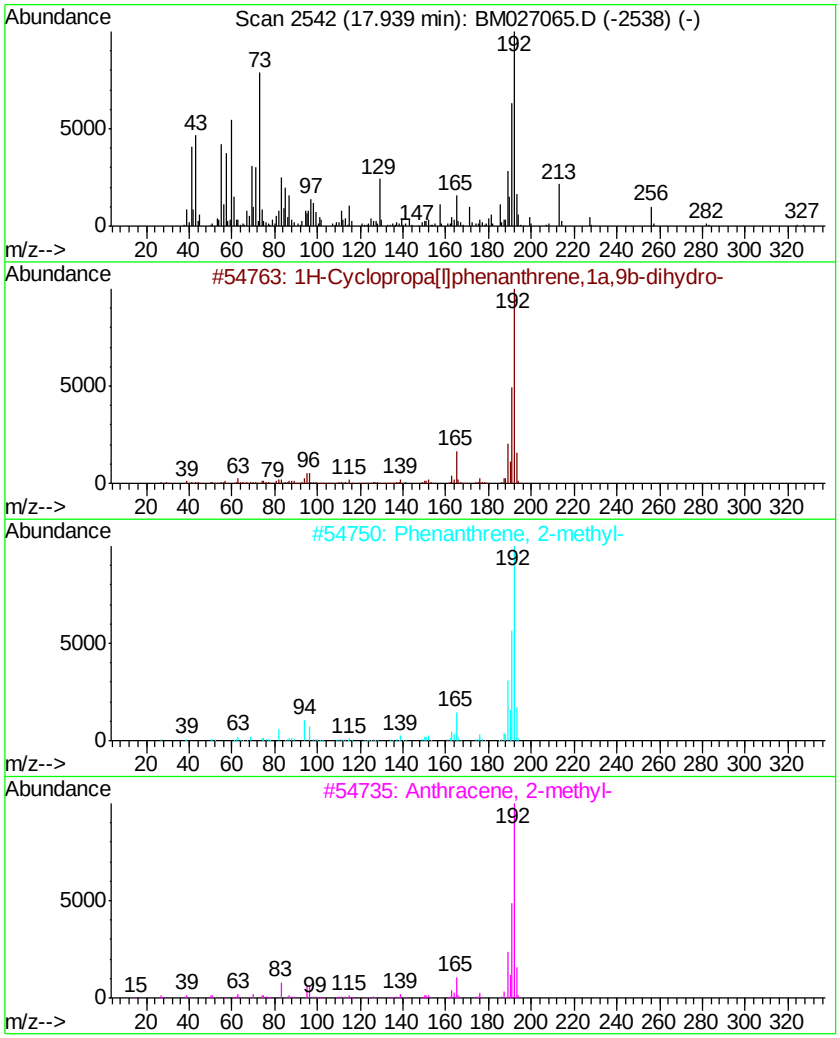
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

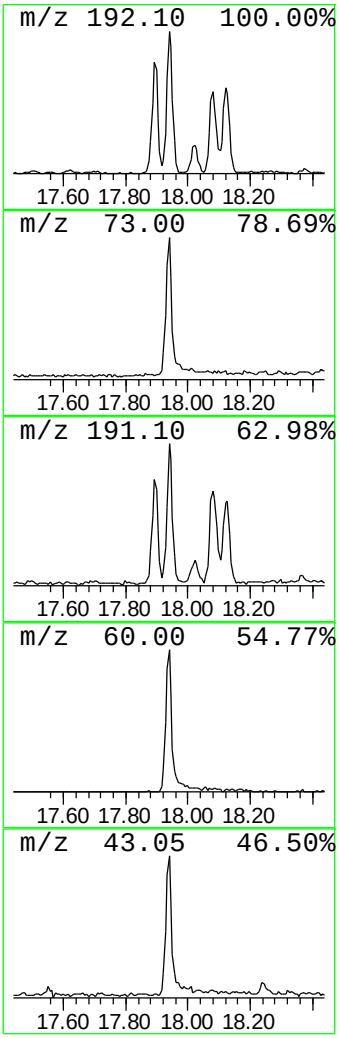
****

Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.10 ng/ul	399962	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027065.D
Acq On : 13 Aug 2020 17:38
Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

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

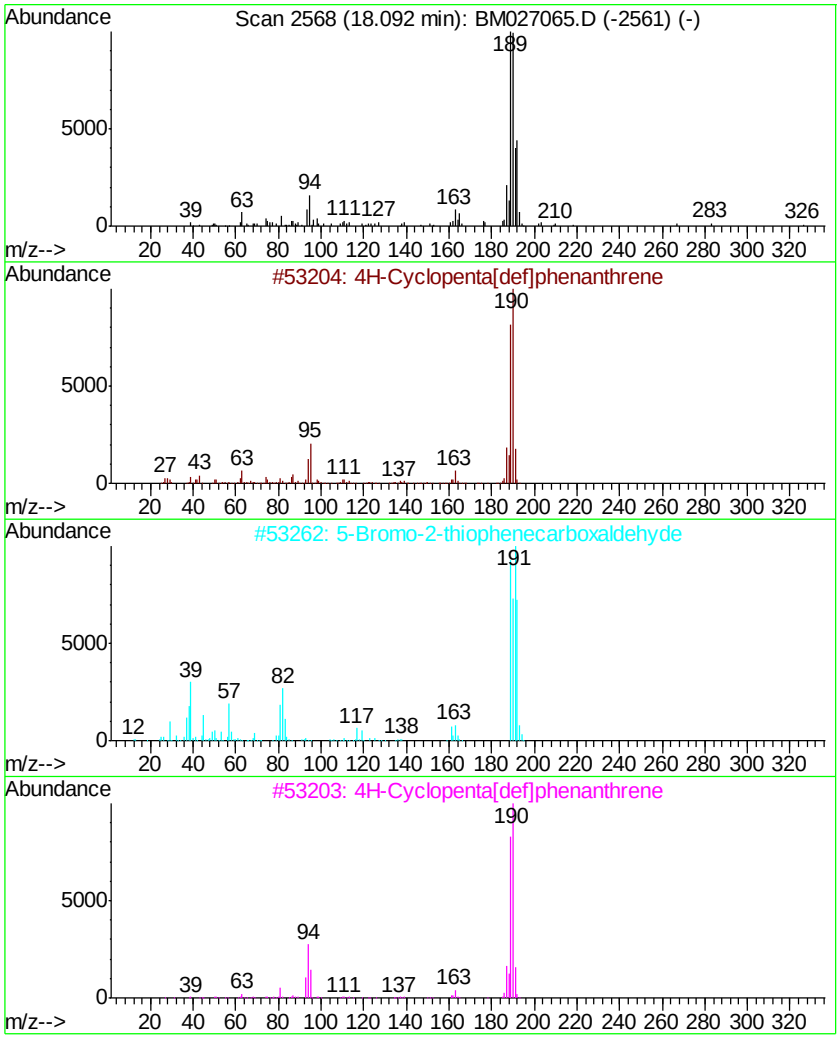
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

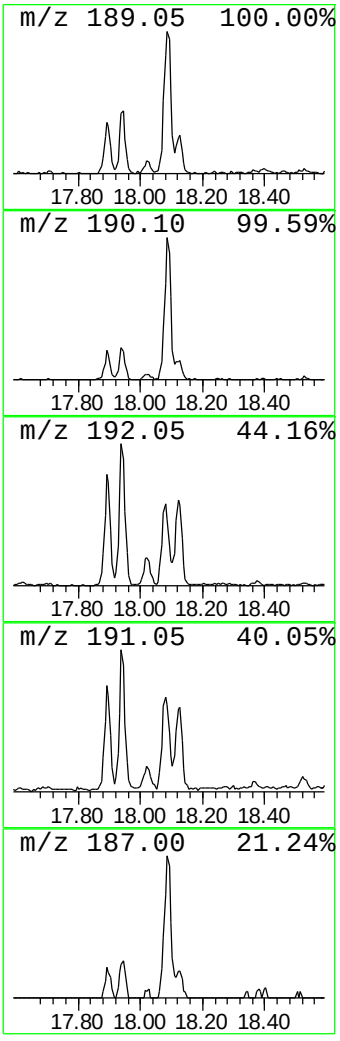
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.27 ng/ul	178244	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027065.D
Acq On : 13 Aug 2020 17:38
Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

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

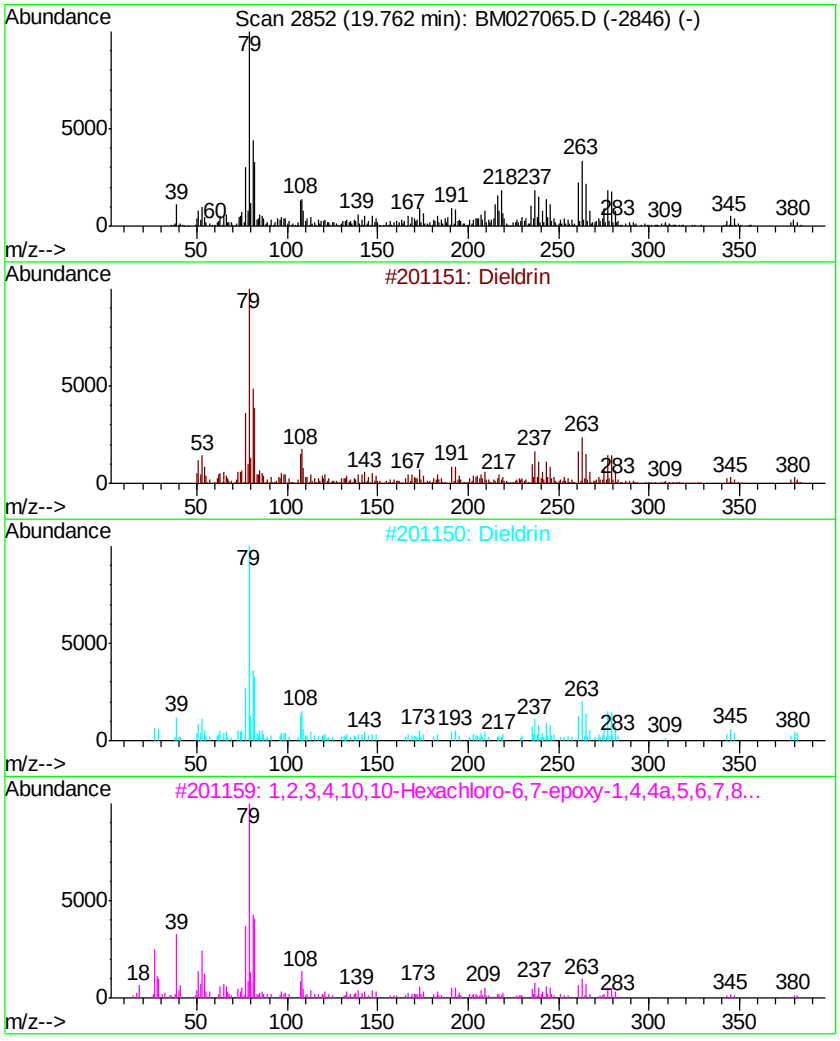
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

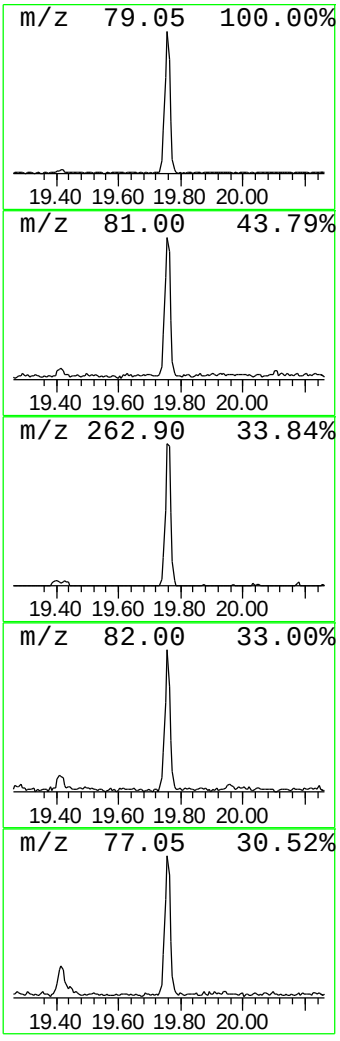
****

Peak Number 4 Dieldrin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	6.07 ng/ul	743426	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	98
2	Dieldrin	378	C12H8Cl6O	000060-57-1	97
3	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	96
4	Dieldrin	378	C12H8Cl6O	000060-57-1	94
5	Dieldrin	378	C12H8Cl6O	000060-57-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027065.D
Acq On : 13 Aug 2020 17:38
Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

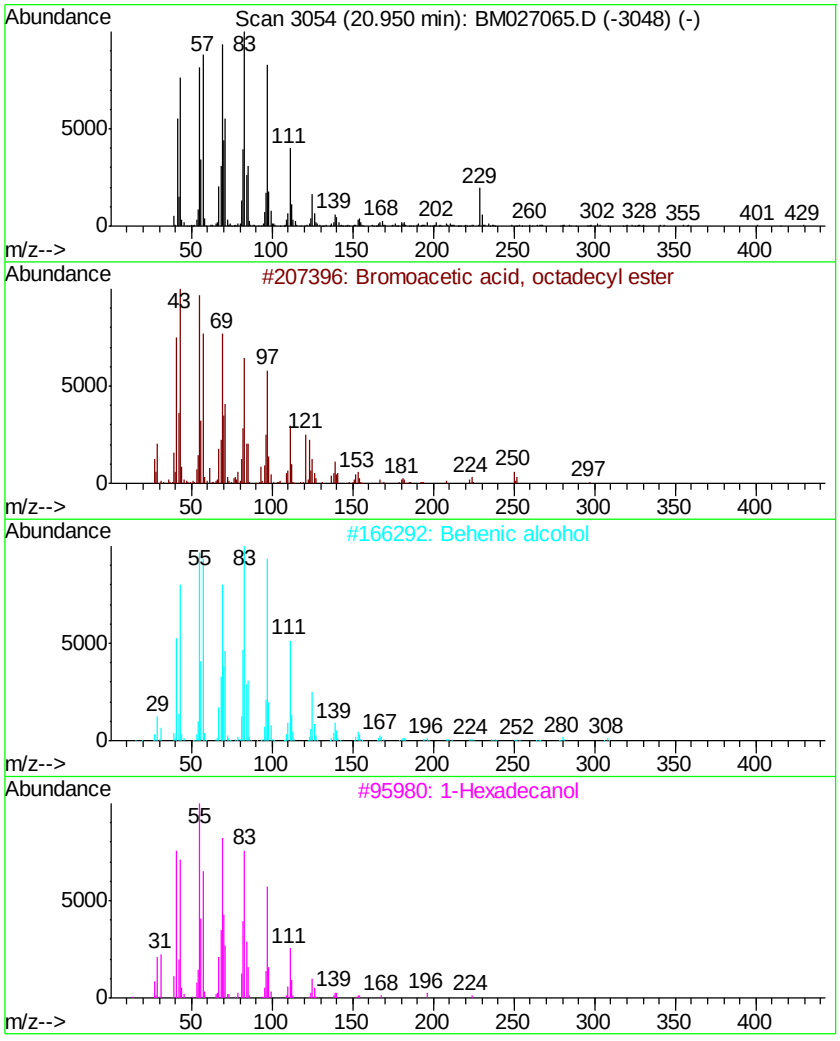
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

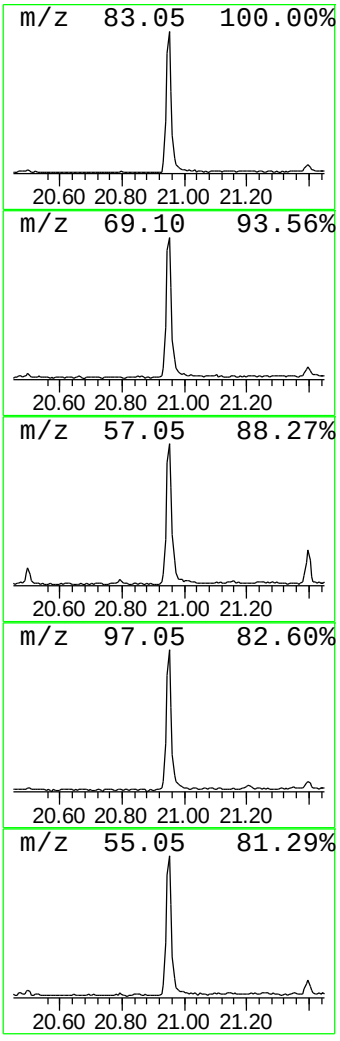
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bromoacetic acid, octadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	6.75 ng/ul	826917	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027065.D
Acq On : 13 Aug 2020 17:38
Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

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

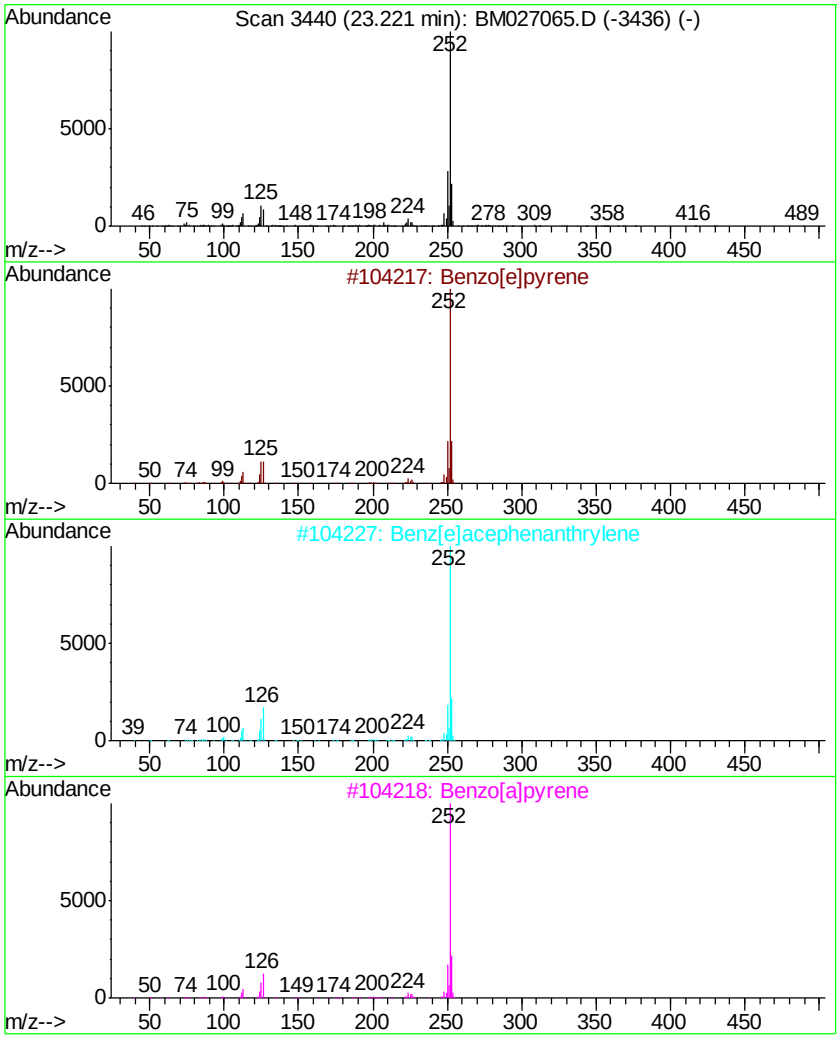
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

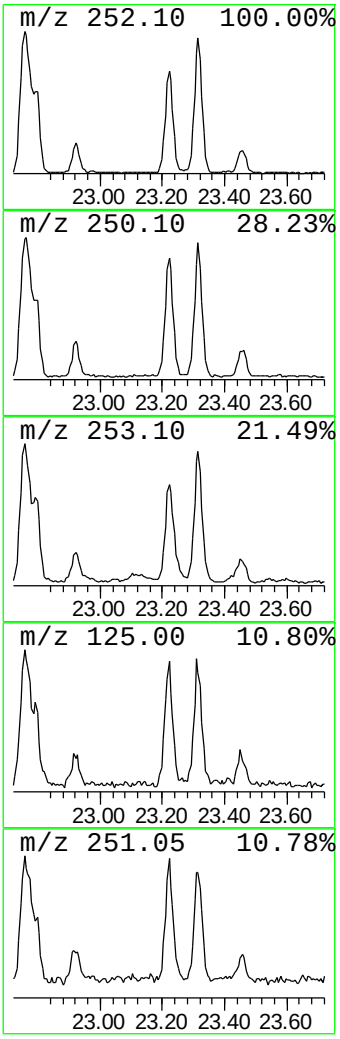
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	4.17 ng/ul	353113	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
Data File : BM027065.D
Acq On : 13 Aug 2020 17:38
Operator : JU/CG
Sample : L3630-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML1

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
Ethanol, 2-(2-eth...	7.26	2.1	ng/ul	79184	1	7.64	757709	20.0
1H-Cyclopropa[l]p...	17.94	5.1	ng/ul	399962	4	17.02	1569000	20.0
4H-Cyclopenta[def...	18.09	2.3	ng/ul	178244	4	17.02	1569000	20.0
Dieldrin	19.76	6.1	ng/ul	743426	5	21.21	2451040	20.0
Bromoacetic acid,...	20.95	6.8	ng/ul	826917	5	21.21	2451040	20.0
Benzo[e]pyrene	23.22	4.2	ng/ul	353113	6	23.41	1692650	20.0