LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML5

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	30654	38141	1.00%	0.075%
2	3.699	117	121	125	rVB	30709	36052	0.95%	0.071%
3	3.828	139	143	149	rVB	33298	47467	1.24%	0.094%
4	3.910	152	157	162	rVB2	9712	15779	0.41%	0.031%
5	4.804	304	309	315	rBV	23324	35014	0.92%	0.069%
6	6.816	644	651	665	rVB	653637	1064123	27.90%	2.104%
7	6.981	672	679	687	rBV	521379	785117	20.59%	1.552%
8	7.175	704	712	721	rBV	690092	1098148	28.79%	2.171%
9	7.257	721	726	731	rBV	40751	69551	1.82%	0.138%
10	7.640	783	791	798	rBV	594441	889854	23.33%	1.759%
11	8.345	904	911	920	rBV	759428	1222713	32.06%	2.418%
12	8.451	925	929	935	rVB3	7056	11910	0.31%	0.024%
13	8.781	978	985	996	rBV	631911	1002485	26.29%	1.982%
14	9.498	1100	1107	1115	rBV	532739	835648	21.91%	1.652%
15	10.034	1191	1198	1211	rBV	838097	1392962	36.52%	2.754%
16	10.410	1255	1262	1269	rBV	703435	1169448	30.66%	2.312%
17	10.457	1269	1270	1276	rVB	12293	14717	0.39%	0.029%
18	10.545	1276	1285	1297	rBV	655360	1135309	29.77%	2.245%
19	12.004	1527	1533	1540	rVB	13587	21152	0.55%	0.042%
20	12.080	1542	1546	1552	rVB2	8382	12237	0.32%	0.024%
21	13.192	1731	1735	1739	rBV4	9958	15551	0.41%	0.031%
22	13.598	1800	1804	1809	rVB3	7955	12915	0.34%	0.026%
23	13.692	1814	1820	1824	rVV	1334202	1872945	49.11%	3.703%
24	13.733	1824	1827	1835	rVB	461805	634641	16.64%	1.255%
25	13.963	1858	1866	1877	rBV	1579963	2375986	62.30%	4.698%
26	14.274	1912	1919	1926	rVV	1073571	1543596	40.47%	3.052%
27	14.333	1926	1929	1933	rVB	14321	20295	0.53%	0.040%
28	14.474	1946	1953	1963	rBV	603309	879533	23.06%	1.739%
29	14.680	1983	1988	1992	rVV2	17487	33684	0.88%	0.067%
30	14.898	2017	2025	2031	rBV8	6513	14694	0.39%	0.029%
31	15.157	2064	2069	2075	rVB5	7602	13759	0.36%	0.027%
32	15.268	2082	2088	2094	rBV	1925264	2706448	70.96%	5.351%
33	15.327	2094	2098	2103	rVB3	29592	44657	1.17%	0.088%
34	15.392	2103	2109	2117	rBV	445980	630665	16.54%	1.247%

LSC Area Percent Report

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Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML5

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	15.510	2123	2129	2136	rBV5	23217	39792	1.04%	0.079%
36	15.621	2145	2148	2152	rBV2	12705	16759	0.44%	0.033%
37	15.768	2169	2173	2181	rVV3	10926	23920	0.63%	0.047%
38	15.851	2181	2187	2193	rVB9	6968	14462	0.38%	0.029%
39	16.004	2207	2213	2215	rBV5	7660	15576	0.41%	0.031%
40	16.051	2218	2221	2227	rVB4	11394	19770	0.52%	0.039%
41	16.310	2256	2265	2266	rBV7	8823	18565	0.49%	0.037%
42	16.327	2266	2268	2273	rVV5	8271	14803	0.39%	0.029%
43	16.380	2273	2277	2282	rVV6	6781	12022	0.32%	0.024%
44	16.563	2305	2308	2312	rVV4	13148	22086	0.58%	0.044%
45	16.598	2312	2314	2318	rVV5	13377	18800	0.49%	0.037%
46	16.674	2323	2327	2331	rVV2	30156	47505	1.25%	0.094%
47	16.780	2335	2345	2347	rBV6	22718	53770	1.41%	0.106%
48	16.810	2347	2350	2352	rVV4	12509	18280	0.48%	0.036%
49	16.833	2352	2354	2359	rVB	15483	20984	0.55%	0.041%
50	17.015	2379	2385	2389	rBV	1230570	1780631	46.69%	3.521%
51	17.057	2389	2392	2397	rVV	436557	610042	16.00%	1.206%
52	17.115	2397	2402	2413	rVV2	2071315	2963532	77.71%	5.859%
53	17.210	2414	2418	2425	rVB6	16209	27999	0.73%	0.055%
54	17.392	2445	2449	2450	rBV3	14217	17864	0.47%	0.035%
55	17.415	2450	2453	2459	rVB	35548	51431	1.35%	0.102%
56	17.545	2471	2475	2479	rVB4	20156	25040	0.66%	0.050%
57	17.598	2481	2484	2489	rVB6	15684	20280	0.53%	0.040%
58	17.815	2517	2521	2524	rBV5	10702	17495	0.46%	0.035%
59	17.892	2528	2534	2538	rVV2	73428	118813	3.12%	0.235%
60	17.939	2538	2542	2549	rVV2	291205	422787	11.09%	0.836%
61	18.021	2550	2556	2561	rVV2	40949	96447	2.53%	0.191%
62	18.086	2561	2567	2571	rVV2	104114	197438	5.18%	0.390%
63	18.121	2571	2573	2577	rVB	56042	71584	1.88%	0.142%
64	18.239	2590	2593	2598	rVB6	27218	37951	1.00%	0.075%
65	18.398	2616	2620	2622	rBV	74606	93812	2.46%	0.185%
66	18.433	2622	2626	2632	rVB	317536	410690	10.77%	0.812%
67	18.651	2659	2663	2666	rVV4	25643	31936	0.84%	0.063%
68	18.698	2669	2671	2674	rBV	19807	18957	0.50%	0.037%
69	18.739	2675	2678	2683	rVB4	27011	34289	0.90%	0.068%
70	18.815	2686	2691	2696	rBV4	80202	151500	3.97%	0.300%
71	18.880	2699	2702	2705	rVV4	31485	40593	1.06%	0.080%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML5

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	18.956	2711	2715	2722	rVB	71083	108706	2.85%	0.215%
73	19.045	2728	2730	2731	rBV2	19538	16321	0.43%	0.032%
74	19.080	2731	2736	2742	rVB	955902	1229025	32.23%	2.430%
75	19.227	2757	2761	2766	rBV2	107961	162237	4.25%	0.321%
76	19.298	2768	2773	2776	rBV3	29862	61535	1.61%	0.122%
77	19.415	2787	2793	2796	rBV	2742846	3813818	100.00%	7.541%
78	19.445	2796	2798	2805	rVV	942503	1038464	27.23%	2.053%
79	19.515	2807	2810	2816	rVB2	40934	71488	1.87%	0.141%
80	19.627	2825	2829	2834	rBV	51069	69401	1.82%	0.137%
81	19.680	2836	2838	2844	rVB2	48449	74220	1.95%	0.147%
82	19.756	2846	2851	2860	rBV4	258086	471731	12.37%	0.933%
83	19.915	2873	2878	2879	rBV3	52727	84120	2.21%	0.166%
84	19.945	2880	2883	2888	rVB2	115455	153464	4.02%	0.303%
85	20.045	2896	2900	2903	rBV	64482	79629	2.09%	0.157%
86	20.098	2905	2909	2914	rVV2	104438	163744	4.29%	0.324%
87	20.239	2930	2933	2937	rVB	68827	82117	2.15%	0.162%
88	20.286	2938	2941	2947	rVB	56154	76545	2.01%	0.151%
89	20.686	3006	3009	3016	rVB	111418	177059	4.64%	0.350%
90	20.892	3042	3044	3048	rVB	78811	88115	2.31%	0.174%
91	20.945	3048	3053	3057	rBV2	726467	931586	24.43%	1.842%
92	21.209	3091	3098	3102	rBV2	1781891	2890366	75.79%	5.715%
93	21.245	3102	3104	3111	rVB	497430	580557	15.22%	1.148%
94	21.827	3201	3203	3208	rVB	202140	244907	6.42%	0.484%
95	22.756	3355	3361	3376	rVB	470029	1829621	47.97%	3.618%
96	23.221	3435	3440	3443	rBV	253639	469158	12.30%	0.928%
97	23.268	3443	3448	3453	rVV	1883329	3314579	86.91%	6.554%
98	23.309	3453	3455	3464	rVB	439178	782435	20.52%	1.547%
99	23.409	3466	3472	3477	rBV	1031894	1826331	47.89%	3.611%
100	24.044	3576	3580	3588	rVB5	195172	390222	10.23%	0.772%

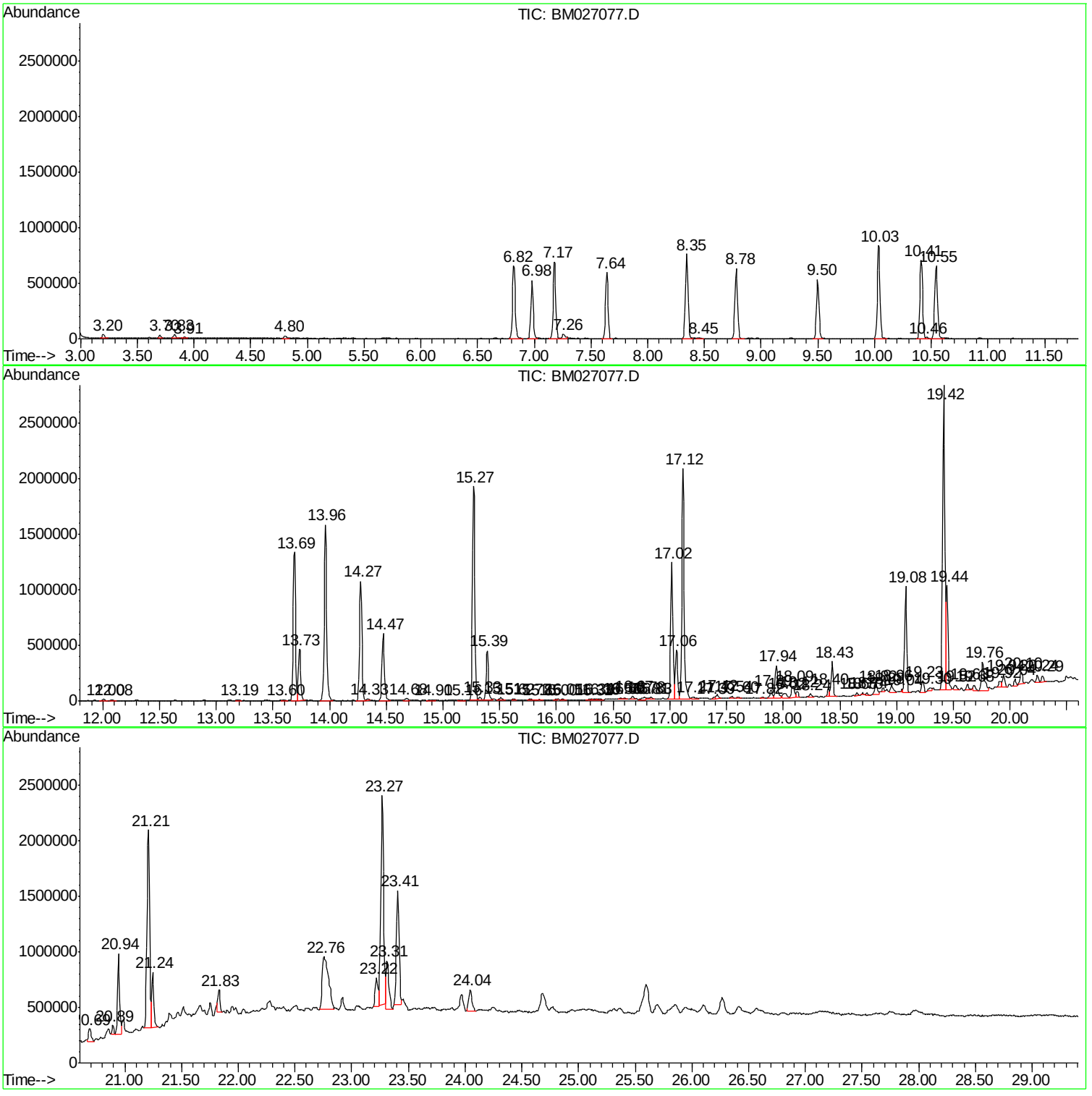
Sum of corrected areas: 50576902

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFML5

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 : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
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Instrument : BNA_M
ClientSampleId : BFML5

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

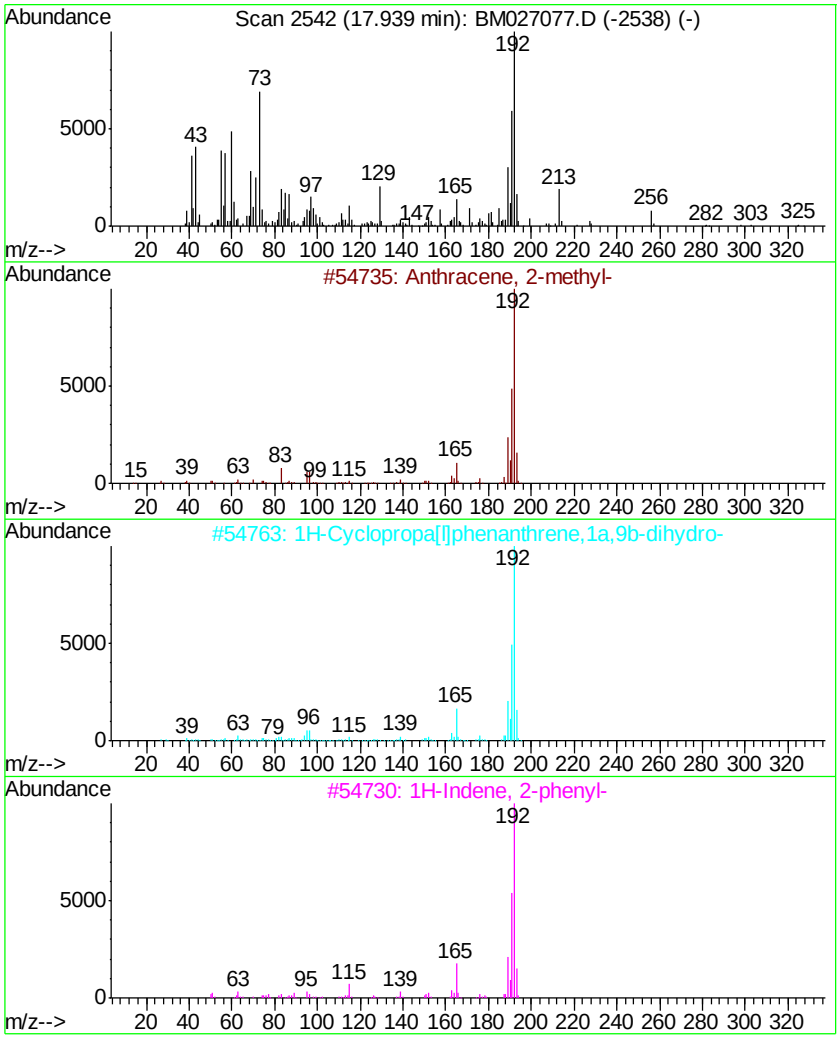
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

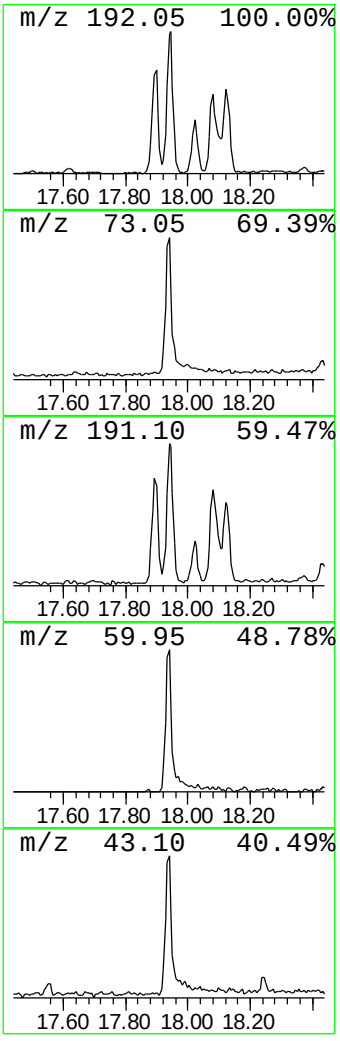
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	4.75 ng/ul	422787	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML5

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

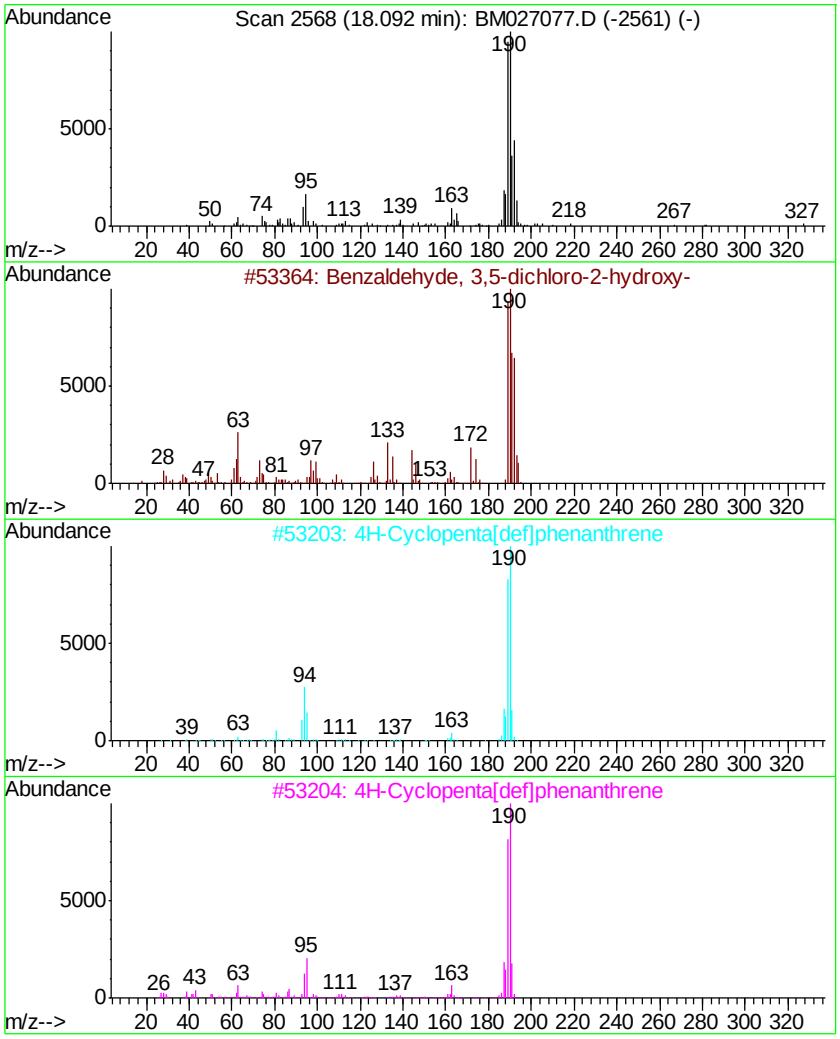
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

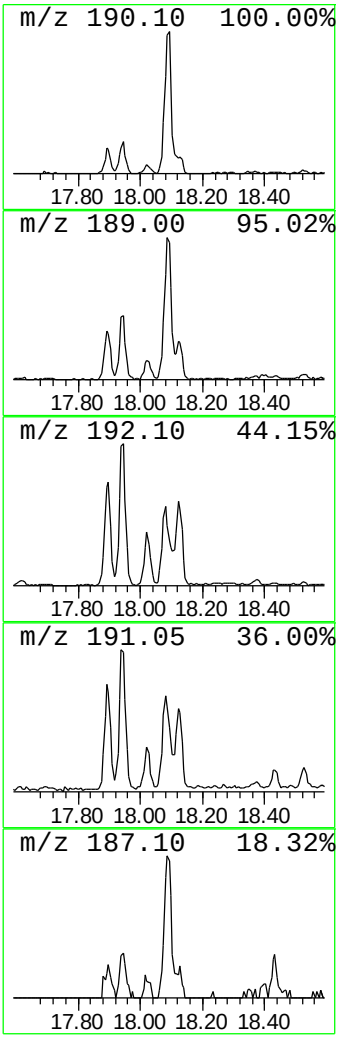
****

Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.22 ng/ul	197438	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	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML5

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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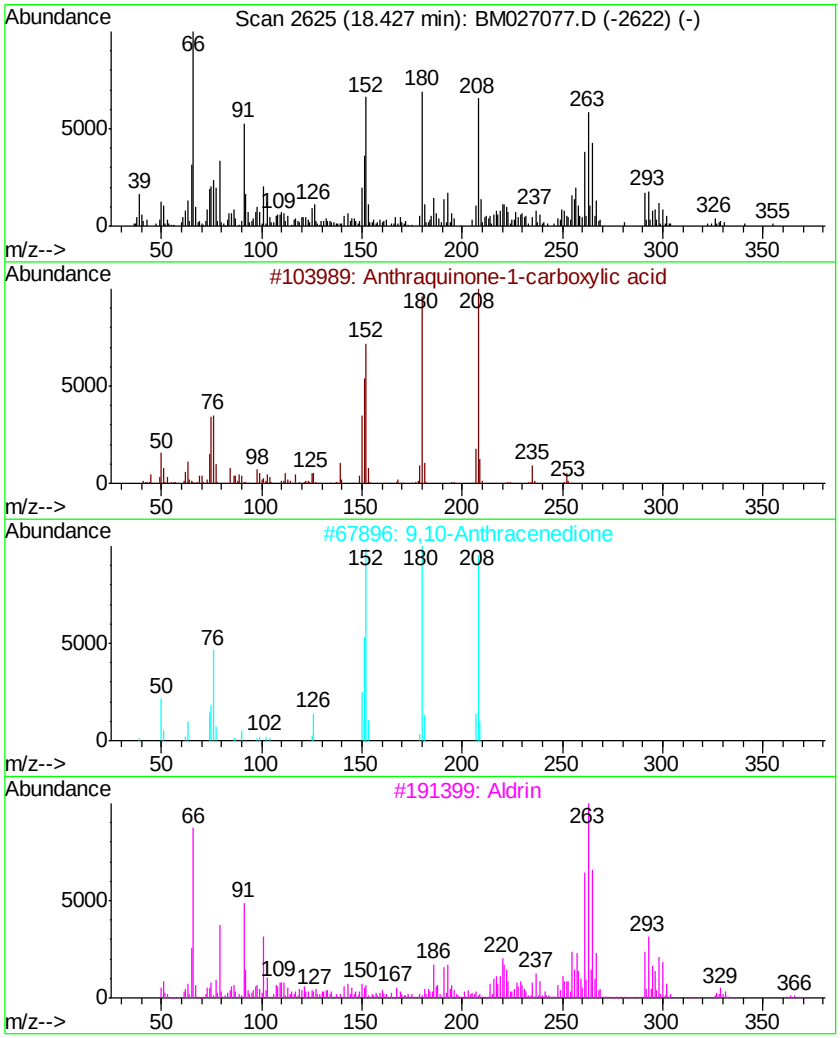
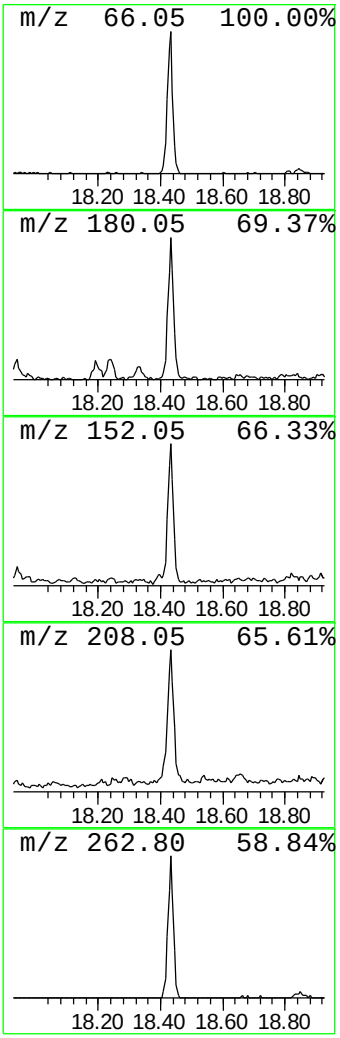
Peak Number 3 Anthraquinone-1-carboxylic ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	4.61 ng/ul	410690	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	92
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	Aldrin	362	C12H8Cl6	000309-00-2	84
4	Aldrin	362	C12H8Cl6	000309-00-2	70
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML5

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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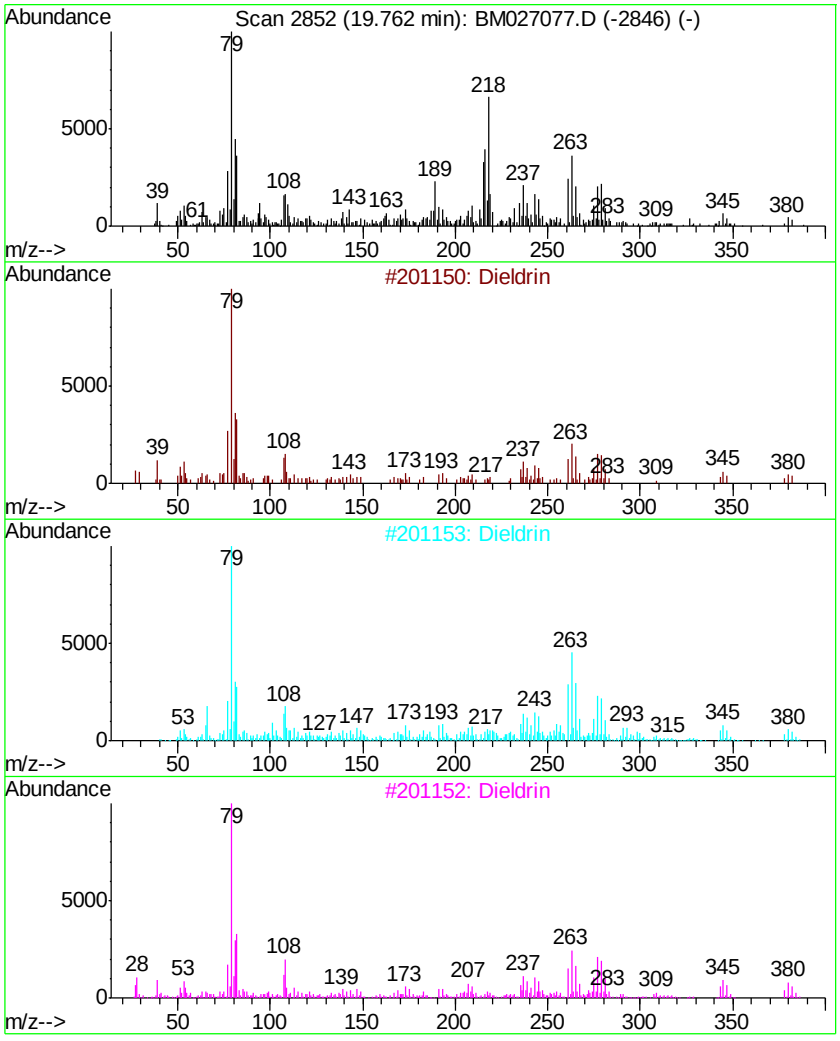
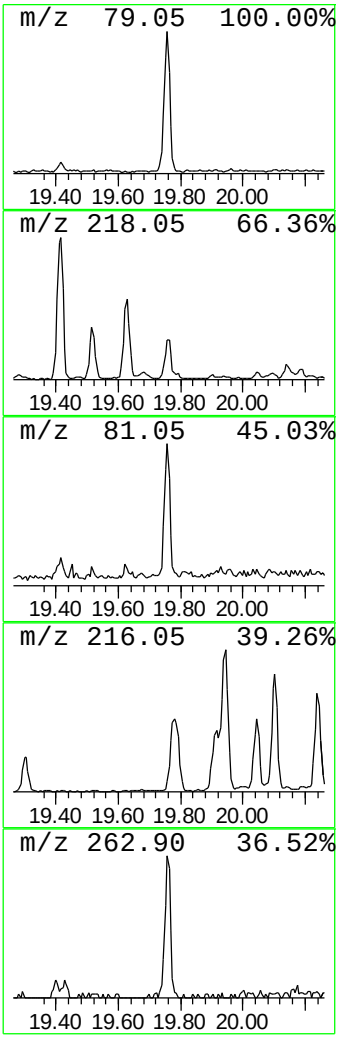
Peak Number 4 Dieldrin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.26 ng/ul	471731	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	95
2	Dieldrin	378	C12H8Cl6O	000060-57-1	94
3	Dieldrin	378	C12H8Cl6O	000060-57-1	90
4	Dieldrin	378	C12H8Cl6O	000060-57-1	89
5	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	46





Library Search Compound Report

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Data File : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML5

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

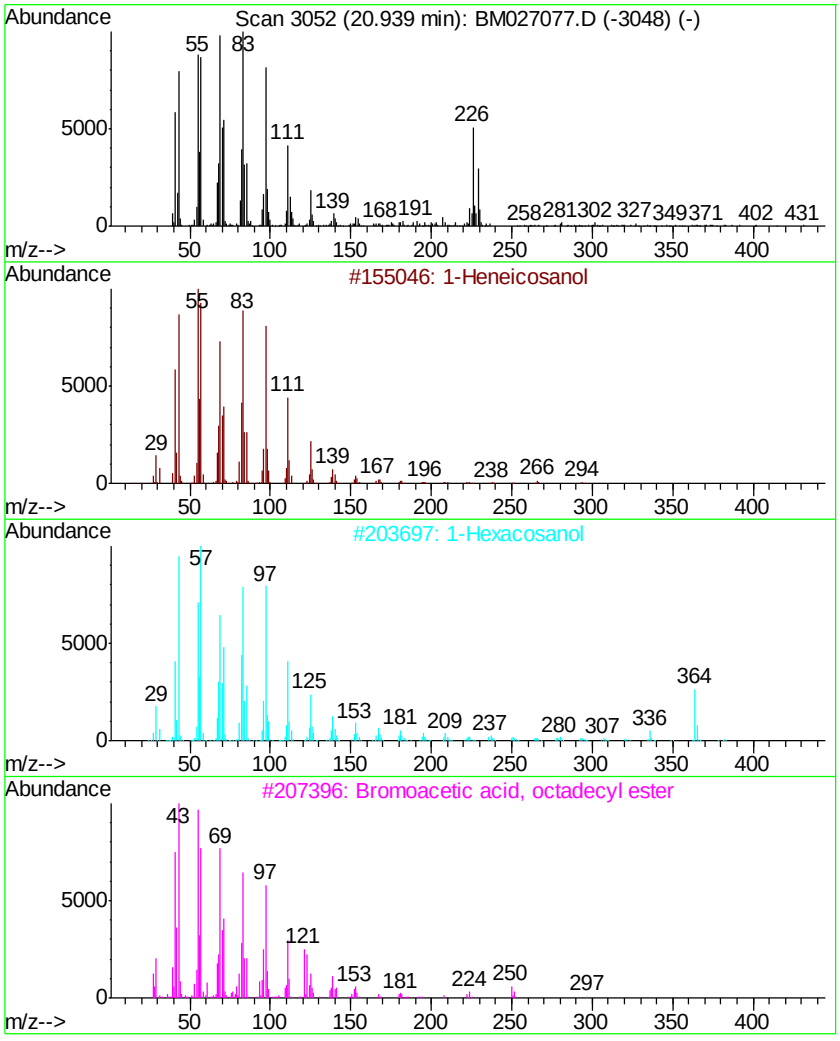
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

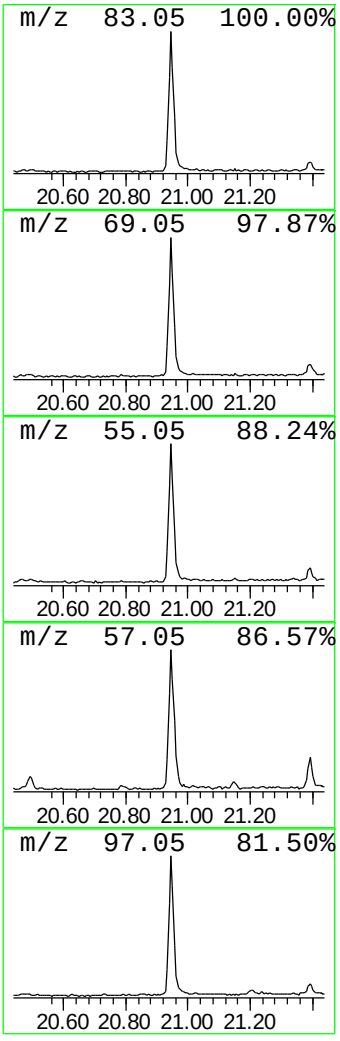
****

Peak Number 5 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	6.45 ng/ul	931586	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Hexacosanol	382	C26H54O	000506-52-5	90
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	89





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Data File : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML5

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

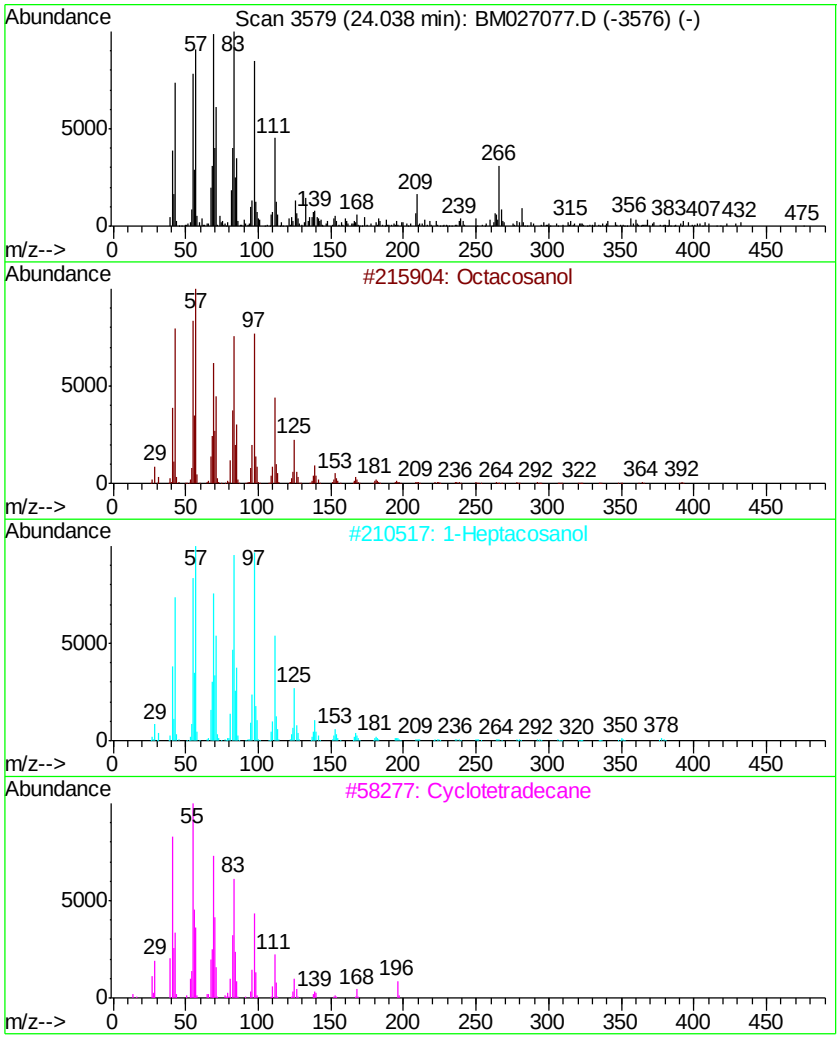
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

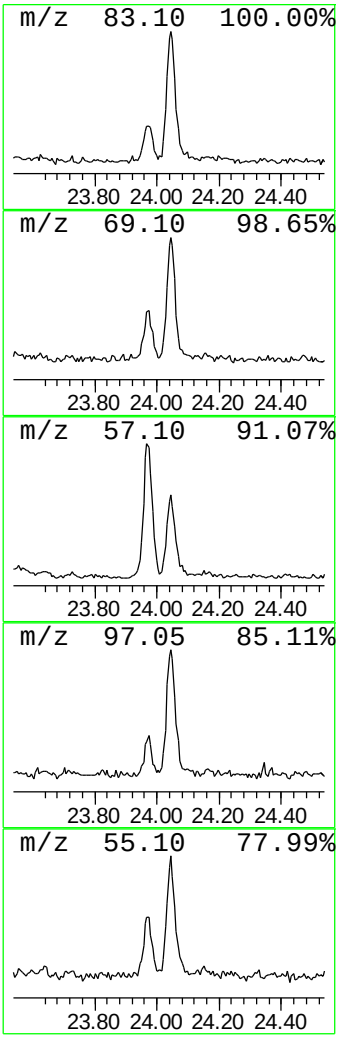
****

Peak Number 6 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	4.27 ng/ul	390222	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	86
2	1-Heptacosanol	396	C27H56O	002004-39-9	86
3	Cyclotetradecane	196	C14H28	000295-17-0	81
4	1-Eicosanol	298	C20H42O	000629-96-9	70
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
Data File : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML5

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
Anthracene, 2-met...	17.94	4.8	ng/ul	422787	4	17.02	1780630	20.0
Benzaldehyde, 3,5...	18.09	2.2	ng/ul	197438	4	17.02	1780630	20.0
Anthraquinone-1-c...	18.43	4.6	ng/ul	410690	4	17.02	1780630	20.0
Dieldrin	19.76	3.3	ng/ul	471731	5	21.21	2890370	20.0
1-Heneicosanol	20.94	6.5	ng/ul	931586	5	21.21	2890370	20.0
Octacosanol	24.04	4.3	ng/ul	390222	6	23.41	1826330	20.0