LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016098.D
Acq On : 27 Jul 2018 12:19
Operator : SJ/JU
Sample : J4172-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CZ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM071318MA.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	3.463	27	30	36	rBV	16000	21246	1.47%	0.088%
2	4.034	123	127	135	rBV	16521	28143	1.95%	0.117%
3	4.140	138	145	151	rVB	14446	25110	1.74%	0.104%
4	7.357	687	692	710	rBV	347746	610403	42.25%	2.530%
5	7.528	715	721	735	rVV	256766	400676	27.73%	1.661%
6	7.728	749	755	769	rBV	389661	629822	43.59%	2.611%
7	8.204	829	836	846	rBV	344147	569587	39.42%	2.361%
8	8.922	952	958	973	rBV	400479	695667	48.15%	2.884%
9	9.387	1031	1037	1054	rBV	350857	597387	41.35%	2.476%
10	10.110	1154	1160	1174	rBV	316738	539939	37.37%	2.238%
11	10.645	1245	1251	1268	rBV	433066	766863	53.07%	3.179%
12	11.022	1308	1315	1323	rBV	451059	767089	53.09%	3.180%
13	11.169	1334	1340	1360	rVB	341920	602738	41.72%	2.499%
14	14.233	1855	1861	1866	rBV	779681	1045767	72.38%	4.335%
15	14.280	1866	1869	1878	rVB	108180	149270	10.33%	0.619%
16	14.527	1905	1911	1919	rBV	817581	1170436	81.01%	4.852%
17	14.833	1955	1963	1969	rBV2	585335	911990	63.12%	3.780%
18	14.892	1969	1973	1978	rVB2	38389	55475	3.84%	0.230%
19	15.051	1995	2000	2017	rBV	126436	297763	20.61%	1.234%
20	15.627	2093	2098	2103	rVB2	13916	18045	1.25%	0.075%
21	15.816	2124	2130	2136	rBV	987215	1365386	94.50%	5.660%
22	15.874	2136	2140	2145	rVB2	20475	29827	2.06%	0.124%
23	15.957	2147	2154	2163	rBV	198122	300971	20.83%	1.248%
24	16.480	2239	2243	2250	rVB4	13333	27087	1.87%	0.112%
25	16.927	2314	2319	2326	rVB5	9045	15338	1.06%	0.064%
26	17.268	2373	2377	2381	rBV3	10324	15432	1.07%	0.064%
27	17.562	2419	2427	2431	rBV2	591421	898700	62.20%	3.725%
28	17.604	2431	2434	2438	rVB	256450	329350	22.79%	1.365%
29	17.657	2438	2443	2448	rBV	915533	1265042	87.55%	5.244%
30	17.968	2492	2496	2500	rBV	24691	37562	2.60%	0.156%
31	18.280	2544	2549	2554	rBV4	13649	25182	1.74%	0.104%
32	18.351	2556	2561	2565	rBV2	21894	31783	2.20%	0.132%
33	18.409	2565	2571	2578	rVV2	313203	462549	32.01%	1.917%
34	18.474	2578	2582	2588	rVV3	50199	93320	6.46%	0.387%

LSC Area Percent Report

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Acq On : 27 Jul 2018 12:19
Operator : SJ/JU
Sample : J4172-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CZ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM071318MA.M
Title : SVOA CALIBRATION

35	18.557	2592	2596	2601	rVV2	18978	27838	1.93%	0.115%
36	18.621	2601	2607	2611	rVV3	66959	117058	8.10%	0.485%
37	18.909	2653	2656	2661	rBV	23468	31817	2.20%	0.132%
38	18.974	2664	2667	2671	rVB4	17642	25220	1.75%	0.105%
39	19.204	2703	2706	2710	rBV6	13794	15863	1.10%	0.066%
40	19.251	2710	2714	2720	rBV8	10011	23362	1.62%	0.097%
41	19.309	2720	2724	2730	rBV3	21243	43362	3.00%	0.180%
42	19.480	2750	2753	2757	rBV	12810	16758	1.16%	0.069%
43	19.515	2757	2759	2762	rBV4	16198	23151	1.60%	0.096%
44	19.545	2762	2764	2765	rVV2	20032	20020	1.39%	0.083%
45	19.592	2766	2772	2777	rVV	661385	926592	64.13%	3.841%
46	19.662	2780	2784	2795	rVB2	137208	200048	13.85%	0.829%
47	19.821	2808	2811	2812	rBV3	14458	16821	1.16%	0.070%
48	19.921	2822	2828	2831	rVV	959872	1444869	100.00%	5.989%
49	19.951	2831	2833	2840	rVV	592386	641018	44.37%	2.657%
50	20.015	2841	2844	2850	rVB2	24560	29855	2.07%	0.124%
51	20.121	2859	2862	2867	rVB	35800	46879	3.24%	0.194%
52	20.198	2872	2875	2880	rVB	25390	40510	2.80%	0.168%
53	20.398	2906	2909	2912	rBV2	61089	83916	5.81%	0.348%
54	20.433	2912	2915	2921	rVB	87572	118590	8.21%	0.492%
55	20.527	2928	2931	2935	rBV	77376	100095	6.93%	0.415%
56	20.727	2962	2965	2967	rBV	36531	46998	3.25%	0.195%
57	20.892	2990	2993	2996	rVB3	40958	44140	3.05%	0.183%
58	21.350	3068	3071	3078	rVB3	126935	239768	16.59%	0.994%
59	21.674	3120	3126	3130	rBV3	676969	1245587	86.21%	5.163%
60	21.715	3130	3133	3138	rVB	291492	379203	26.24%	1.572%
61	21.839	3151	3154	3161	rVB	66542	88437	6.12%	0.367%
62	22.727	3302	3305	3309	rVB2	150044	187071	12.95%	0.775%
63	23.327	3402	3407	3412	rBV	287284	635134	43.96%	2.633%
64	23.833	3489	3493	3497	rBV2	207185	357856	24.77%	1.483%
65	23.891	3498	3503	3507	rVV	543073	991983	68.66%	4.112%
66	23.939	3508	3511	3519	rVB	284134	499569	34.58%	2.071%
67	24.039	3523	3528	3534	rBV	330978	613345	42.45%	2.543%

Sum of corrected areas: 24123678

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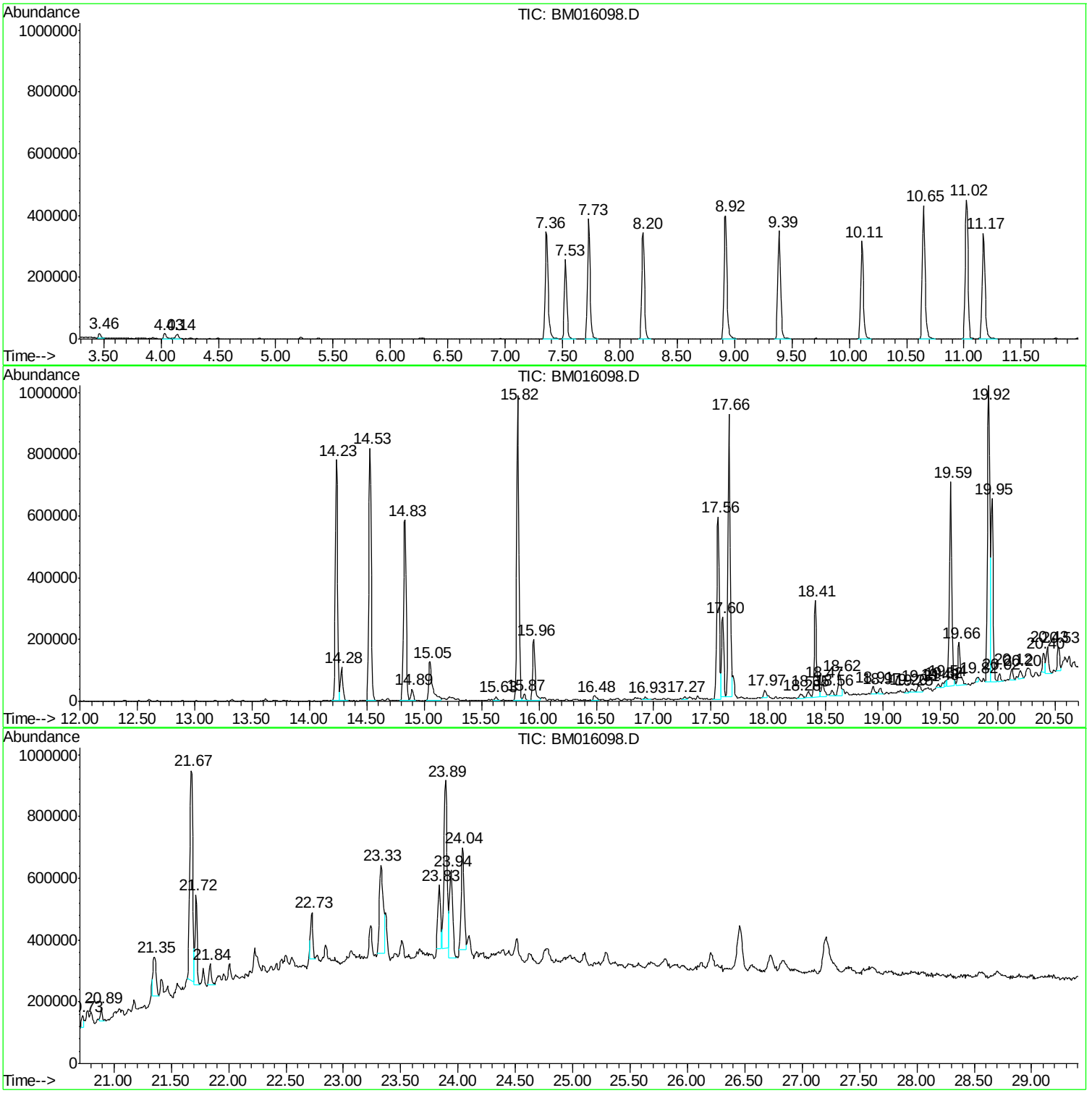
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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\BM072718\
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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

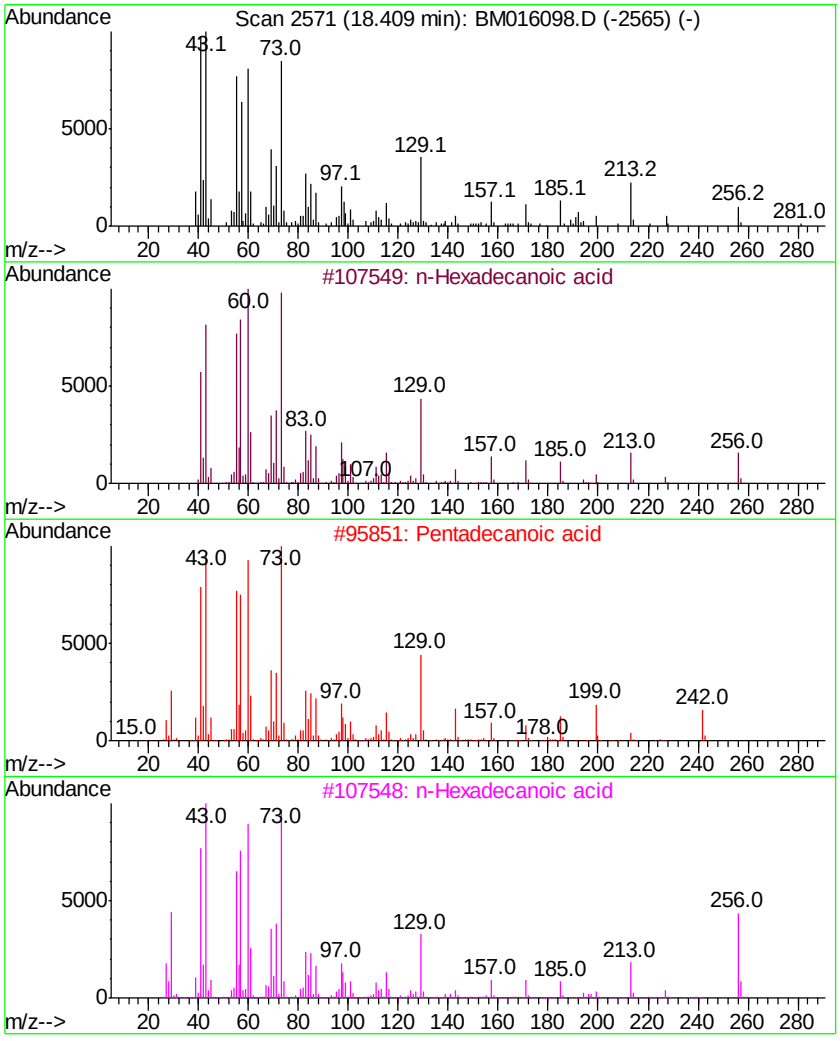
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

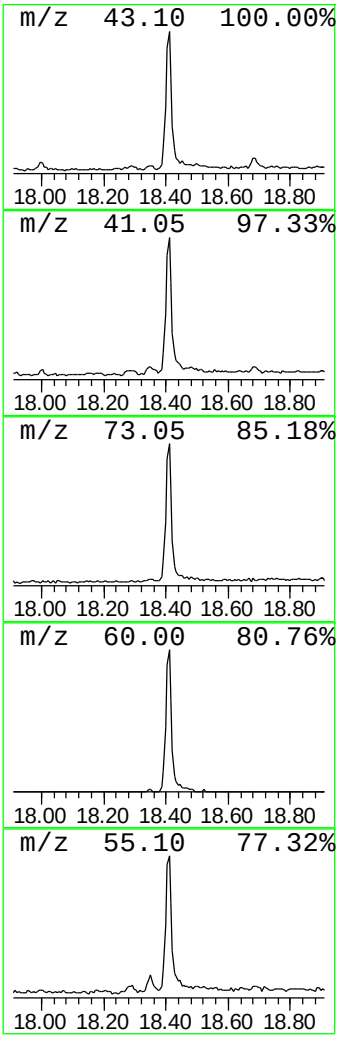
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	10.29 ng/ul	462549	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016098.D
Acq On : 27 Jul 2018 12:19
Operator : SJ/JU
Sample : J4172-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

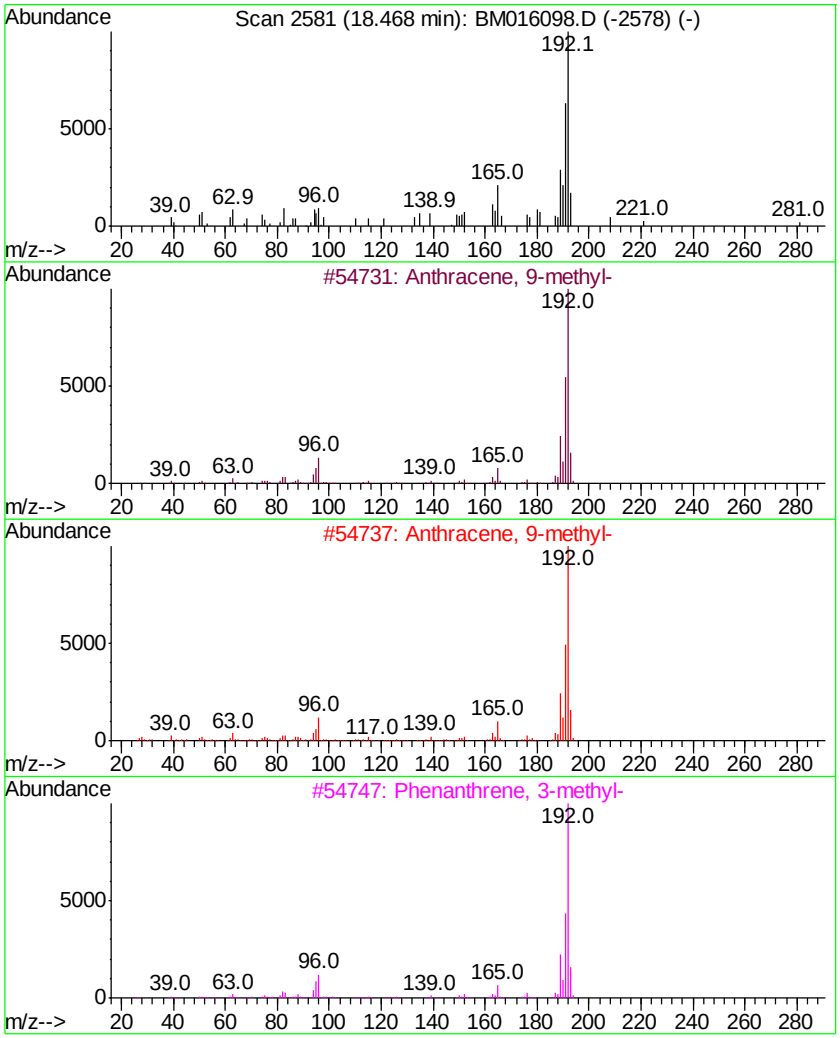
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

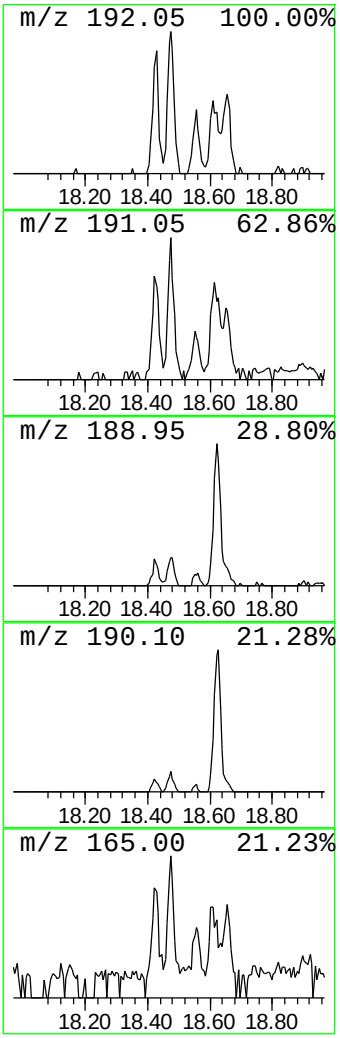
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.08 ng/ul	93320	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
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Operator : SJ/JU
Sample : J4172-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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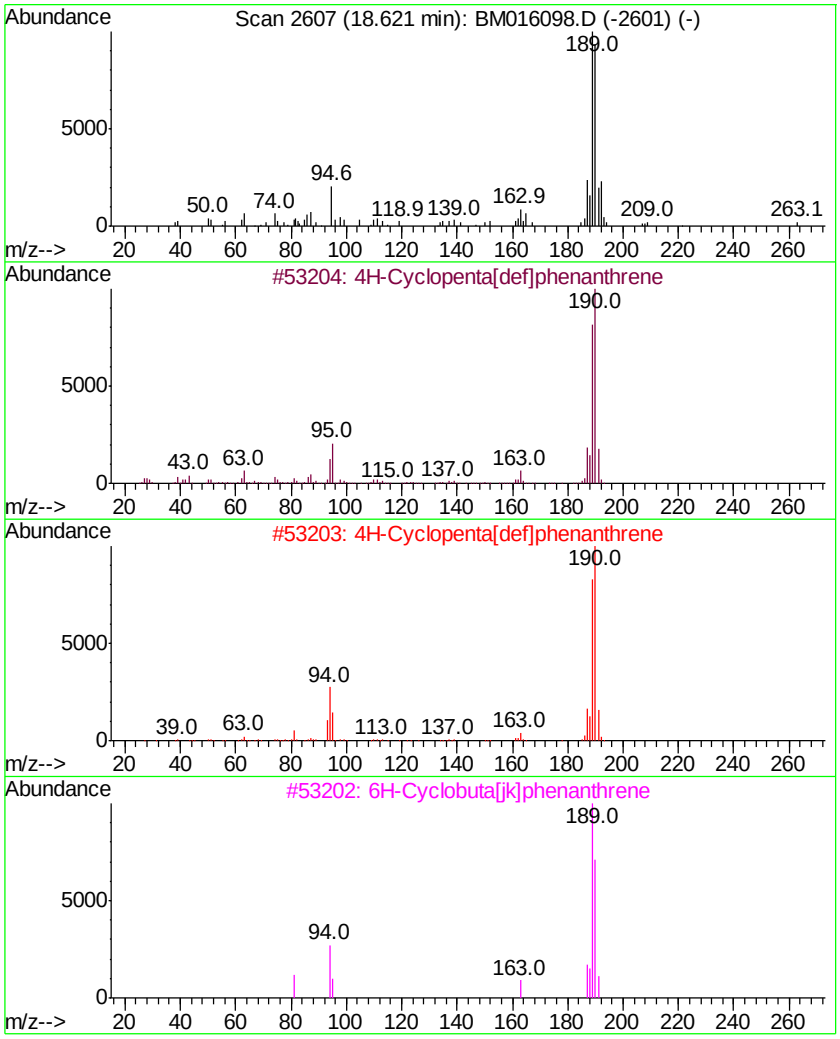
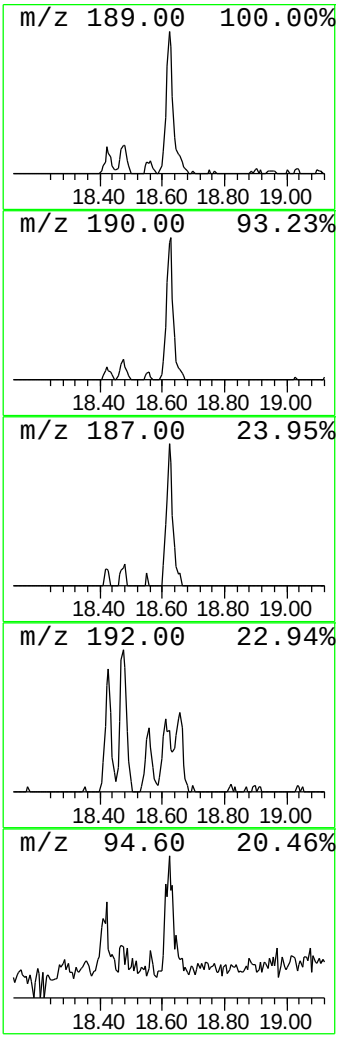
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.61 ng/ul	117058	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	Methyl diselenide	190	C2H6Se2	007101-31-7	60
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016098.D
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Sample : J4172-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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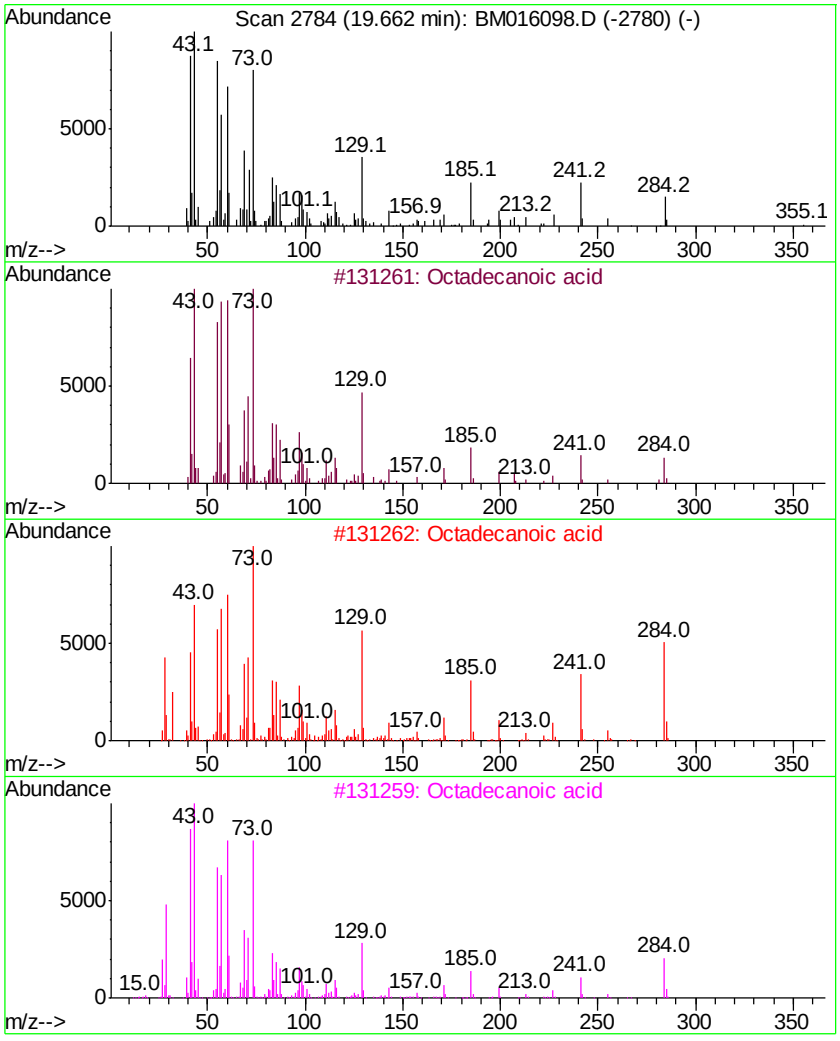
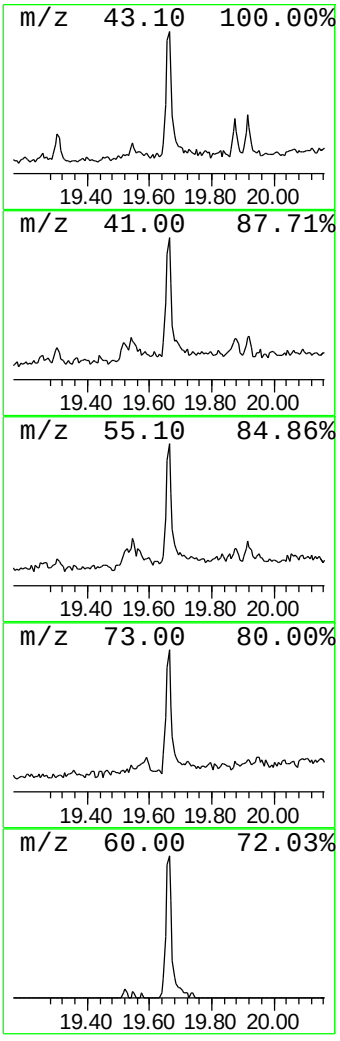
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	3.21 ng/ul	200048	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

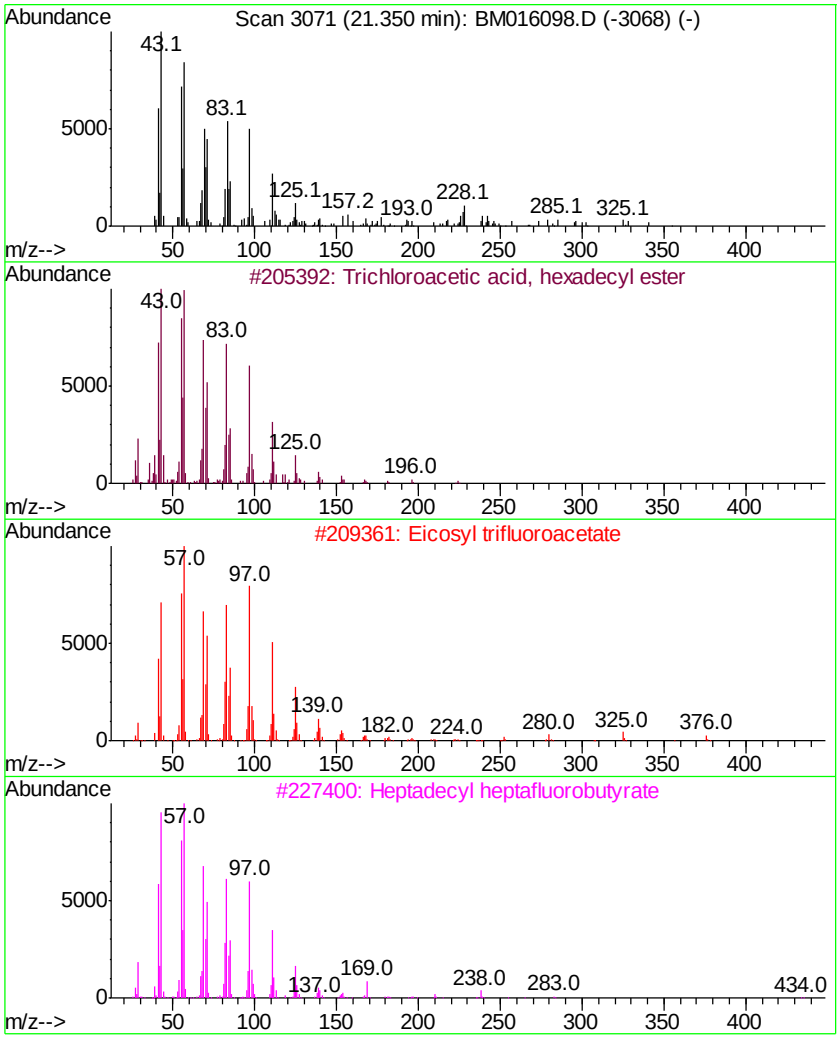
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

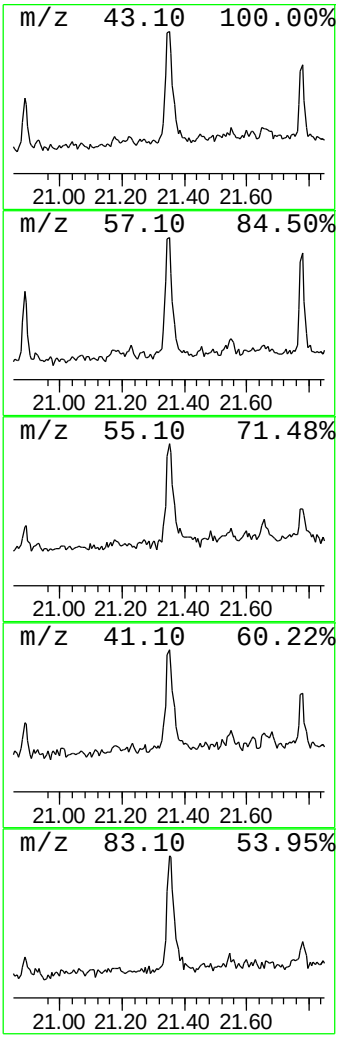
****

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.85 ng/ul	239768	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	89
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87





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Instrument : BNA_M
ClientSampleId : C0CZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

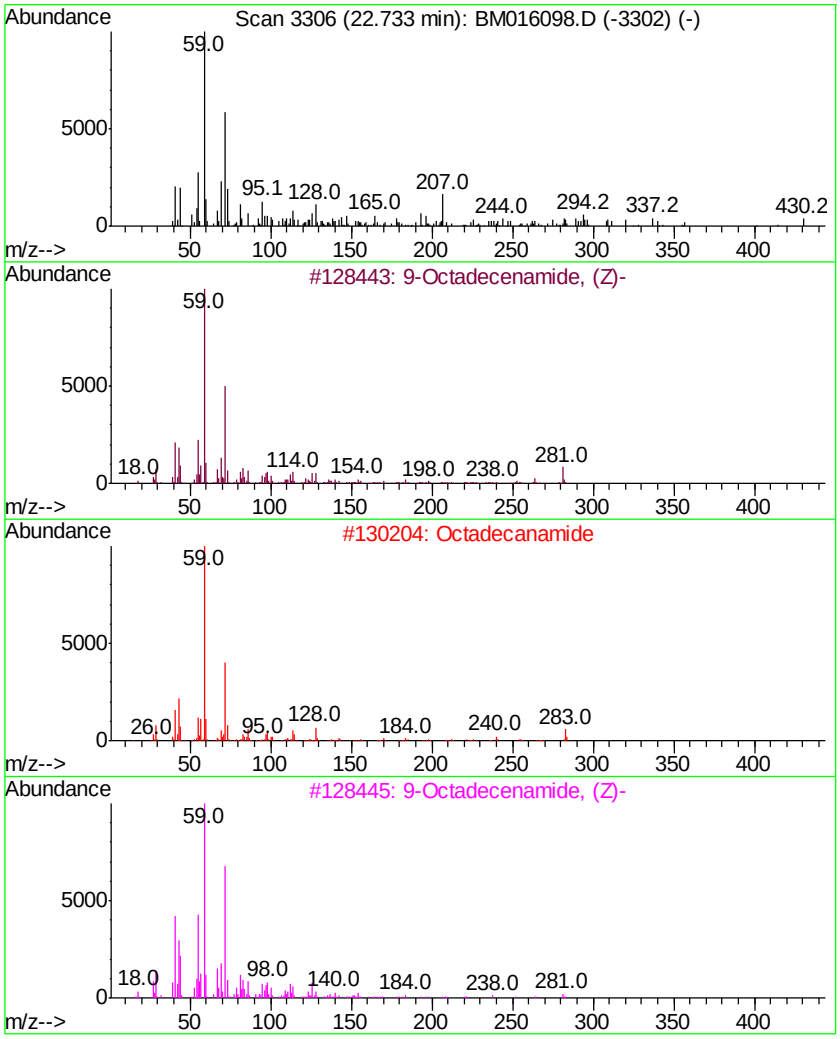
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

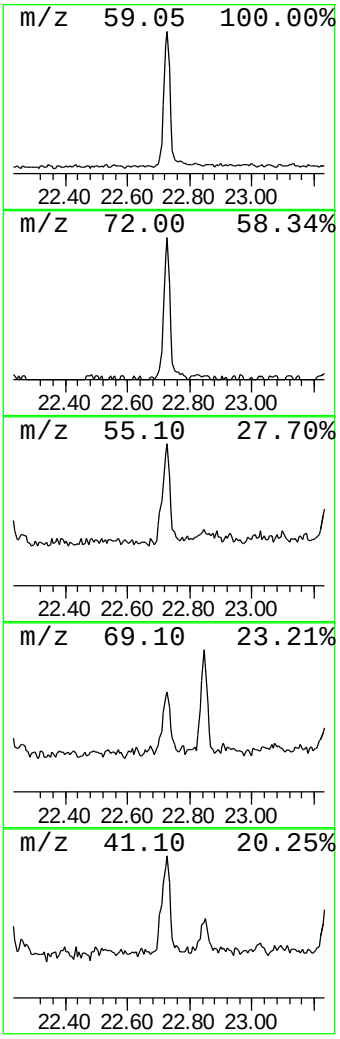
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	3.00 ng/ul	187071	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	Octadecanamide	283	C18H37NO	000124-26-5	64
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
5	Tetradecanamide	227	C14H29NO	000638-58-4	58





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Data File : BM016098.D
Acq On : 27 Jul 2018 12:19
Operator : SJ/JU
Sample : J4172-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

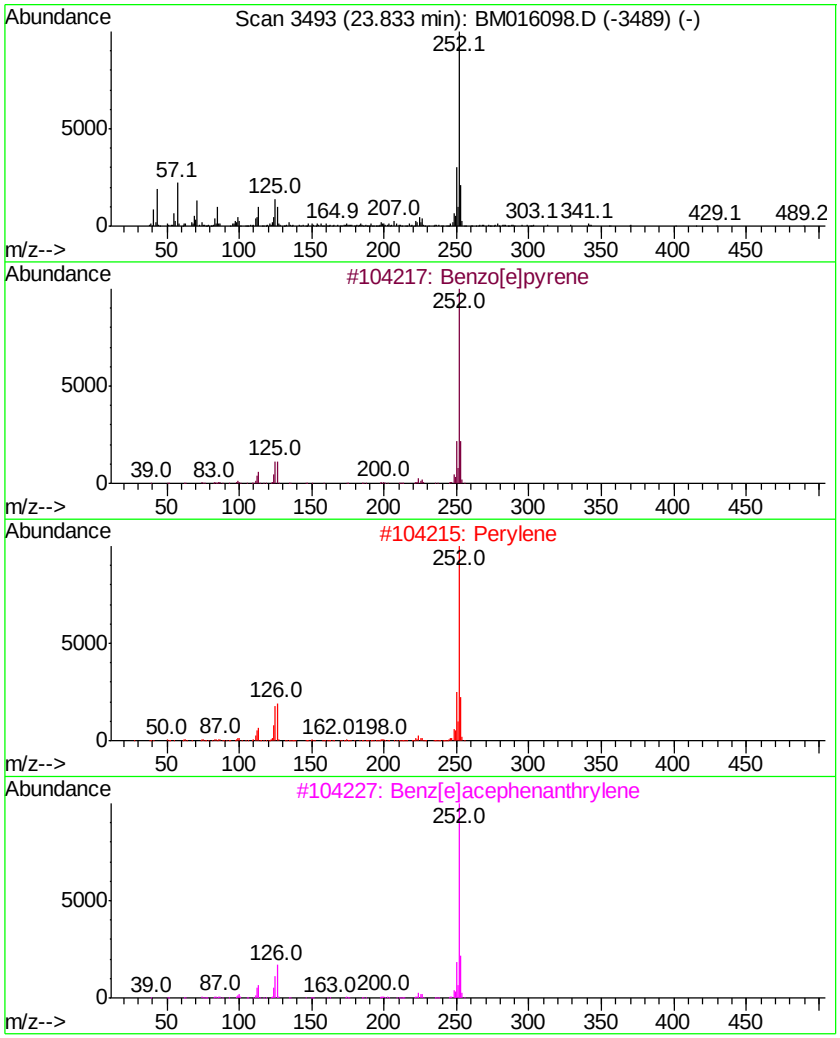
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

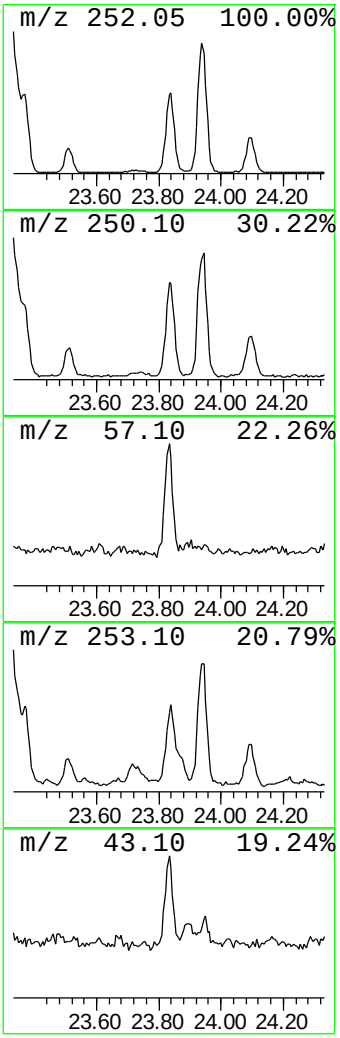
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	11.67 ng/ul	357856	Perylene-d12	24.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072718\
Data File : BM016098.D
Acq On : 27 Jul 2018 12:19
Operator : SJ/JU
Sample : J4172-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	10.3	ng/ul	462549	4	17.56	898700	20.0
Anthracene, 9-met...	18.47	2.1	ng/ul	93320	4	17.56	898700	20.0
4H-Cyclopenta[def...	18.62	2.6	ng/ul	117058	4	17.56	898700	20.0
Octadecanoic acid	19.66	3.2	ng/ul	200048	5	21.68	1245590	20.0
Trichloroacetic a...	21.35	3.9	ng/ul	239768	5	21.68	1245590	20.0
9-Octadecenamide,...	22.73	3.0	ng/ul	187071	5	21.68	1245590	20.0
Benzo[e]pyrene	23.83	11.7	ng/ul	357856	6	24.04	613345	20.0