LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YZ9

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-BM100418MA.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	6.869	654	660	672	rVB2	808076	1533030	24.78%	2.004%
2	7.034	683	688	699	rVB	675611	1024506	16.56%	1.340%
3	7.228	715	721	729	rVB	849113	1345512	21.75%	1.759%
4	7.693	794	800	808	rVB	914766	1477978	23.89%	1.932%
5	8.393	913	919	934	rVB	1035224	1696534	27.43%	2.218%
6	8.845	989	996	1005	rVB	850559	1414367	22.86%	1.849%
7	9.557	1110	1117	1128	rVB	689034	1107700	17.91%	1.448%
8	10.092	1200	1208	1216	rBV	1118531	1882783	30.44%	2.462%
9	10.469	1264	1272	1277	rBV	1427942	2443846	39.51%	3.195%
10	10.516	1277	1280	1288	rVB	245571	371241	6.00%	0.485%
11	10.610	1288	1296	1307	rBV	1003689	1699298	27.47%	2.222%
12	12.057	1537	1542	1549	rVB2	21315	32203	0.52%	0.042%
13	12.133	1549	1555	1563	rBV	84903	134996	2.18%	0.177%
14	12.357	1587	1593	1599	rVB	43975	66828	1.08%	0.087%
15	13.157	1723	1729	1736	rVB2	25153	38718	0.63%	0.051%
16	13.351	1758	1762	1768	rBV2	11217	16303	0.26%	0.021%
17	13.492	1779	1786	1787	rBV4	11949	18919	0.31%	0.025%
18	13.651	1805	1813	1818	rBV4	24834	40931	0.66%	0.054%
19	13.704	1818	1822	1823	rVV	13324	16129	0.26%	0.021%
20	13.745	1823	1829	1833	rVV	2101738	2881642	46.58%	3.768%
21	13.792	1833	1837	1846	rVV	713646	977190	15.80%	1.278%
22	13.886	1850	1853	1862	rVB2	13283	23315	0.38%	0.030%
23	14.022	1862	1876	1891	rBV	2555245	3650412	59.01%	4.773%
24	14.333	1921	1929	1935	rBV2	2085475	3280830	53.04%	4.290%
25	14.392	1935	1939	1947	rVV	302856	437203	7.07%	0.572%
26	14.469	1947	1952	1957	rVV	13362	18307	0.30%	0.024%
27	14.539	1959	1964	1975	rBV	161095	275378	4.45%	0.360%
28	14.645	1977	1982	1986	rVB2	13185	18875	0.31%	0.025%
29	14.733	1991	1997	2006	rVV	180186	320209	5.18%	0.419%
30	15.327	2090	2098	2103	rBV	3284715	4551009	73.57%	5.950%
31	15.380	2103	2107	2114	rVB	324458	465701	7.53%	0.609%
32	15.451	2114	2119	2125	rBV	154006	221431	3.58%	0.290%
33	15.510	2125	2129	2131	rVB2	20092	23919	0.39%	0.031%
34	15.545	2131	2135	2137	rBV	34950	46468	0.75%	0.061%

LSC Area Percent Report

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Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YZ9

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-BM100418MA.M
Title : SVOA CALIBRATION

35	15.633	2146	2150	2154	rVV2	22224	27977	0.45%	0.037%
36	15.674	2154	2157	2163	rVB	37959	54919	0.89%	0.072%
37	15.821	2178	2182	2191	rBV	42906	87784	1.42%	0.115%
38	15.916	2191	2198	2203	rVB4	10003	21022	0.34%	0.027%
39	16.057	2219	2222	2226	rVV2	12007	15810	0.26%	0.021%
40	16.363	2267	2274	2275	rBV5	18459	36648	0.59%	0.048%
41	16.386	2275	2278	2282	rVV2	29937	45770	0.74%	0.060%
42	16.439	2283	2287	2292	rVB3	15142	21743	0.35%	0.028%
43	16.621	2315	2318	2321	rVV4	11799	19158	0.31%	0.025%
44	16.657	2321	2324	2328	rVB5	11998	15928	0.26%	0.021%
45	16.739	2333	2338	2345	rVB	32456	50030	0.81%	0.065%
46	16.833	2346	2354	2361	rBV4	89112	170530	2.76%	0.223%
47	16.898	2361	2365	2373	rVB	107129	154185	2.49%	0.202%
48	17.080	2389	2396	2400	rBV2	2761886	3968058	64.15%	5.188%
49	17.121	2400	2403	2408	rVV	2115135	2696610	43.59%	3.526%
50	17.180	2408	2413	2417	rVV	3571922	5038574	81.45%	6.588%
51	17.210	2417	2418	2425	rVV	557576	604099	9.77%	0.790%
52	17.274	2425	2429	2434	rVB	51894	80567	1.30%	0.105%
53	17.486	2453	2465	2474	rBV	432112	655668	10.60%	0.857%
54	17.604	2479	2485	2490	rVB4	23258	41226	0.67%	0.054%
55	17.798	2515	2518	2525	rVB3	13092	19044	0.31%	0.025%
56	17.957	2535	2545	2547	rBV	134533	209394	3.39%	0.274%
57	18.004	2547	2553	2559	rVV2	247260	479589	7.75%	0.627%
58	18.086	2559	2567	2572	rVV2	71547	128688	2.08%	0.168%
59	18.151	2572	2578	2582	rVV2	241428	409913	6.63%	0.536%
60	18.186	2582	2584	2589	rVB	84503	100160	1.62%	0.131%
61	18.257	2593	2596	2601	rBV4	24037	47372	0.77%	0.062%
62	18.304	2601	2604	2608	rVB4	39481	54758	0.89%	0.072%
63	18.404	2616	2621	2626	rBV5	12848	23594	0.38%	0.031%
64	18.462	2626	2631	2634	rVV	105927	145348	2.35%	0.190%
65	18.498	2634	2637	2644	rVB2	71366	104273	1.69%	0.136%
66	18.704	2668	2672	2676	rBV4	29611	40468	0.65%	0.053%
67	18.757	2677	2681	2684	rVB2	21973	28020	0.45%	0.037%
68	18.798	2684	2688	2691	rBV2	26077	33963	0.55%	0.044%
69	18.874	2696	2701	2706	rBV2	45766	87935	1.42%	0.115%
70	18.927	2706	2710	2711	rBV2	18631	22932	0.37%	0.030%
71	19.015	2722	2725	2728	rBV3	24956	37319	0.60%	0.049%

LSC Area Percent Report

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Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YZ9

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-BM100418MA.M
Title : SVOA CALIBRATION

72	19.145	2738	2747	2754	rVB	1696457	2387268	38.59%	3.121%
73	19.245	2761	2764	2765	rBV3	22379	24705	0.40%	0.032%
74	19.368	2781	2785	2787	rBV2	34849	54393	0.88%	0.071%
75	19.480	2798	2804	2807	rBV	4131553	6185789	100.00%	8.088%
76	19.580	2817	2821	2827	rVB	64677	95749	1.55%	0.125%
77	19.686	2835	2839	2842	rBV	92787	120559	1.95%	0.158%
78	19.839	2858	2865	2870	rBV3	80563	199281	3.22%	0.261%
79	19.886	2871	2873	2877	rVB	29109	34929	0.56%	0.046%
80	20.004	2883	2893	2897	rBV	277071	479237	7.75%	0.627%
81	20.104	2906	2910	2914	rBV	230861	291389	4.71%	0.381%
82	20.162	2914	2920	2923	rVV2	100787	178224	2.88%	0.233%
83	20.198	2923	2926	2930	rVB	70289	77028	1.25%	0.101%
84	20.304	2941	2944	2947	rVB	48908	55138	0.89%	0.072%
85	20.345	2948	2951	2956	rBV3	63708	96113	1.55%	0.126%
86	20.415	2959	2963	2979	rVV	750097	1151836	18.62%	1.506%
87	20.533	2980	2983	2987	rVB	79024	95831	1.55%	0.125%
88	20.915	3046	3048	3052	rVB	72790	75562	1.22%	0.099%
89	20.956	3052	3055	3058	rBV	98369	110751	1.79%	0.145%
90	20.998	3058	3062	3067	rBV2	358538	527945	8.53%	0.690%
91	21.198	3093	3096	3099	rBV	151860	167016	2.70%	0.218%
92	21.268	3102	3108	3112	rVV2	3027891	4602652	74.41%	6.018%
93	21.309	3112	3115	3123	rVB	562323	761662	12.31%	0.996%
94	21.433	3132	3136	3140	rBV3	195095	260612	4.21%	0.341%
95	21.868	3206	3210	3216	rBV2	230032	328541	5.31%	0.430%
96	22.327	3285	3288	3294	rVB	301633	391514	6.33%	0.512%
97	22.827	3369	3373	3379	rBV	644931	1161625	18.78%	1.519%
98	23.356	3457	3463	3467	rBV	1942442	3493402	56.47%	4.567%
99	23.497	3481	3487	3502	rVB	1472010	3169764	51.24%	4.144%
100	24.033	3574	3578	3587	rVB	314551	572769	9.26%	0.749%

Sum of corrected areas: 76484071

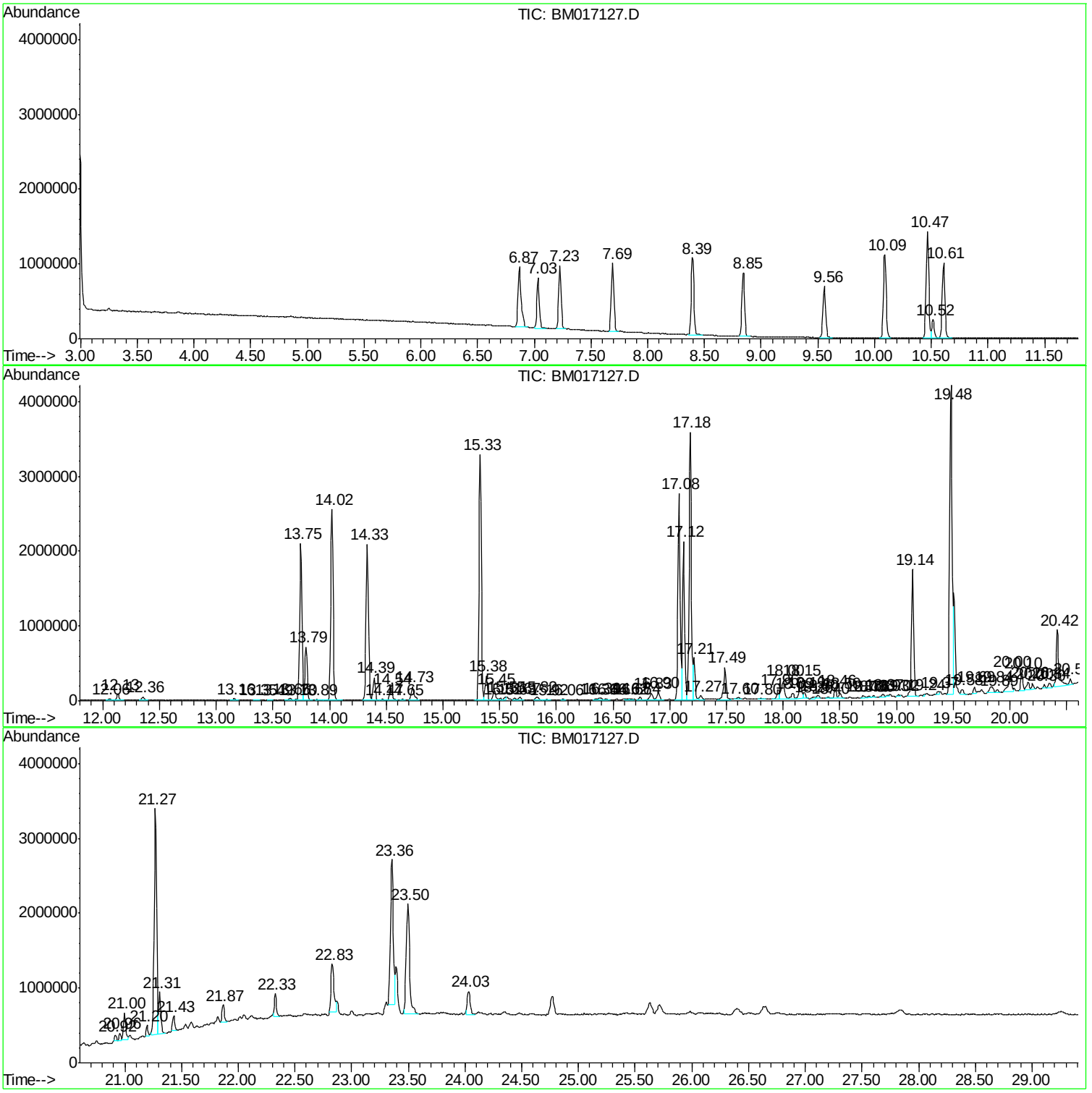
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A3YZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
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Instrument : BNA_M
ClientSampleId : A3YZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

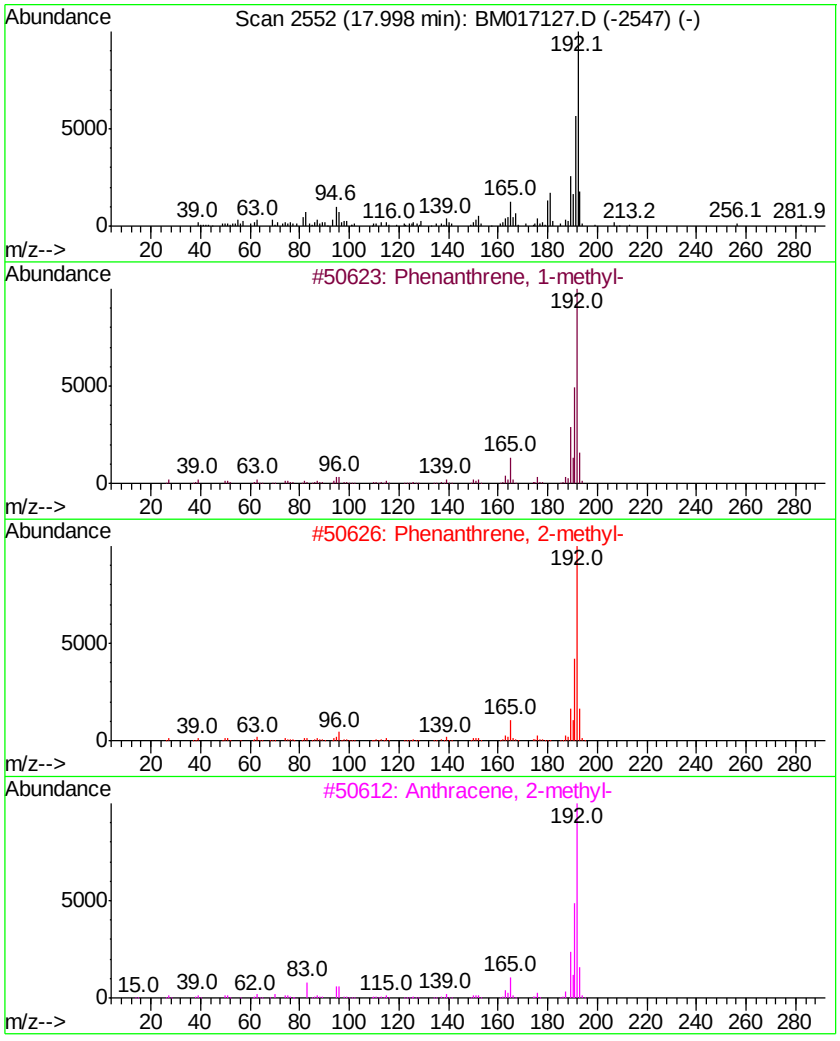
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

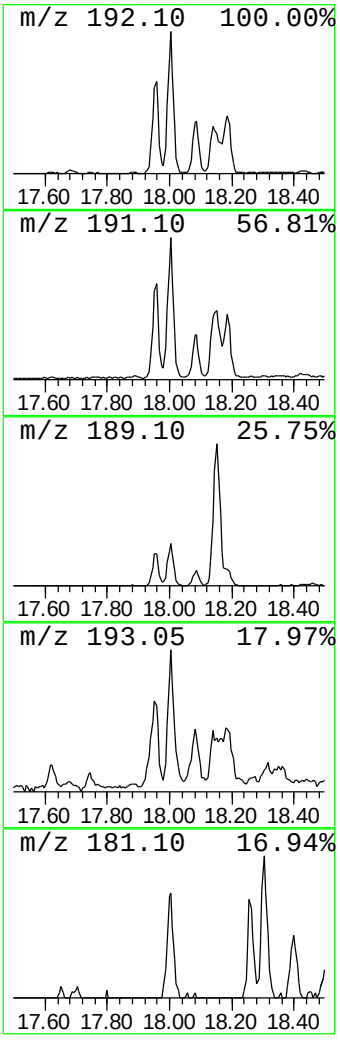
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.42 ng/ul	479589	Phenanthrene-d10	17.08

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

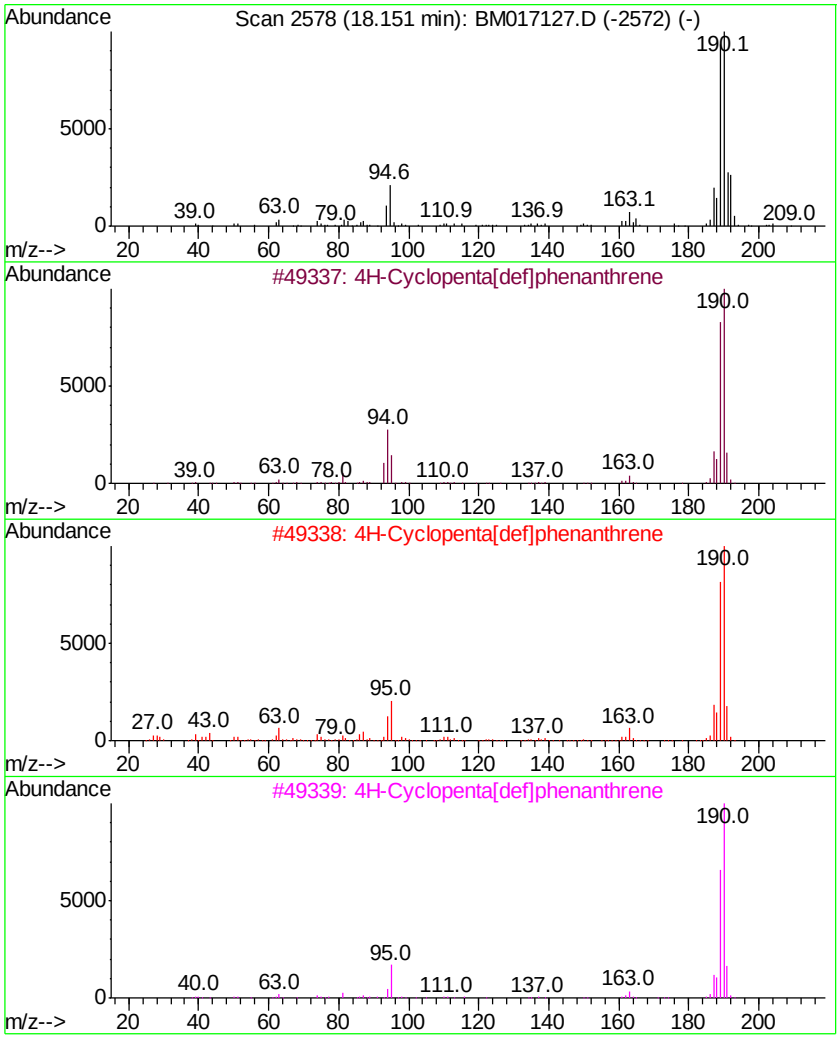
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

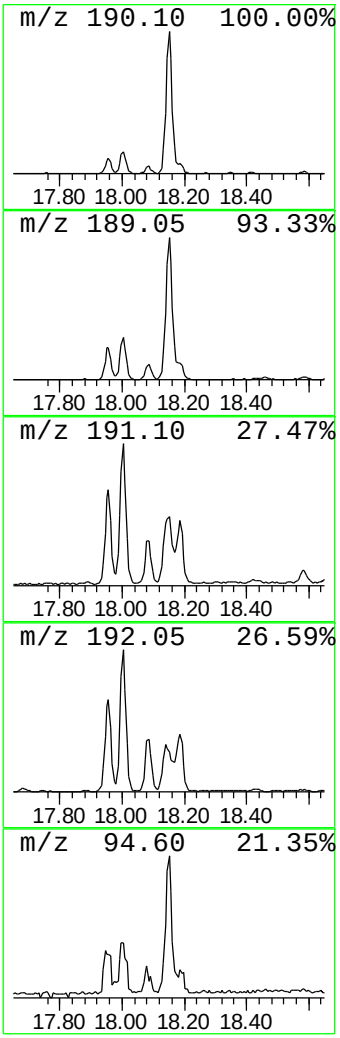
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.07 ng/ul	409913	Phenanthrene-d10	17.08

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	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
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Instrument : BNA_M
ClientSampleId : A3YZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

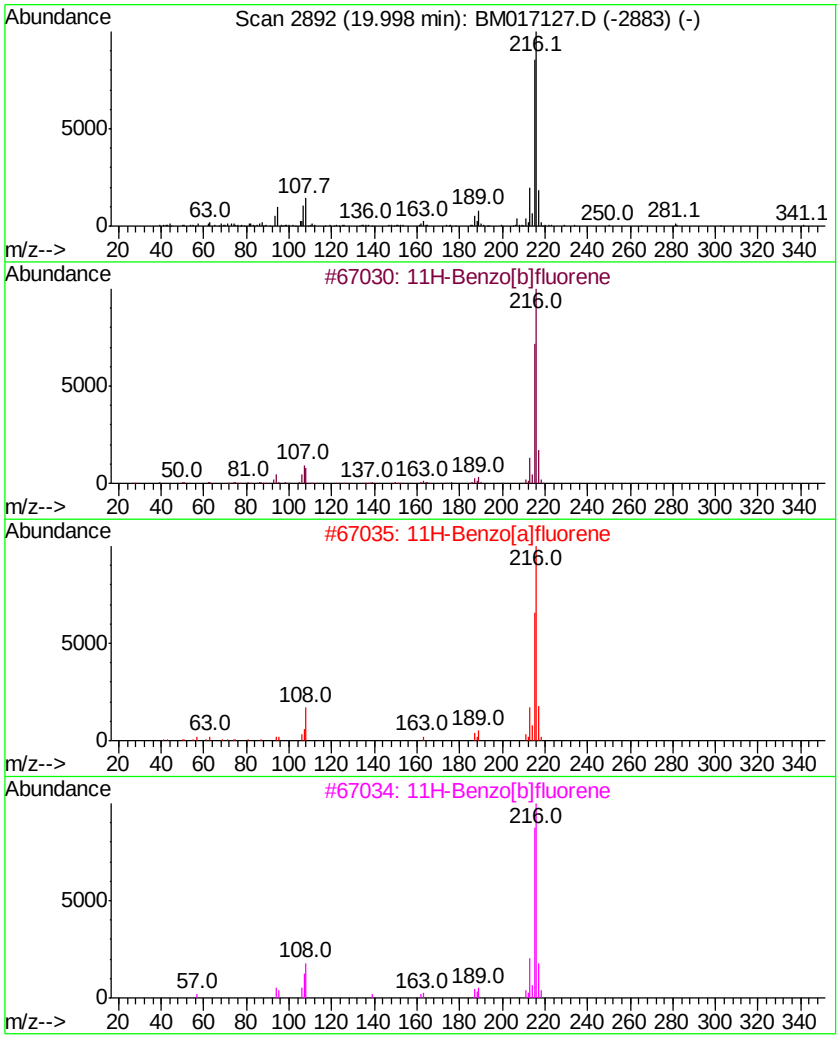
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

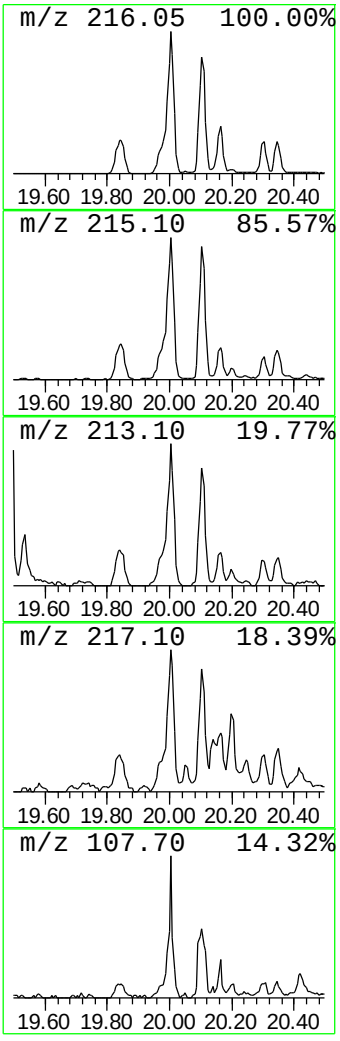
****

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.08 ng/ul	479237	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

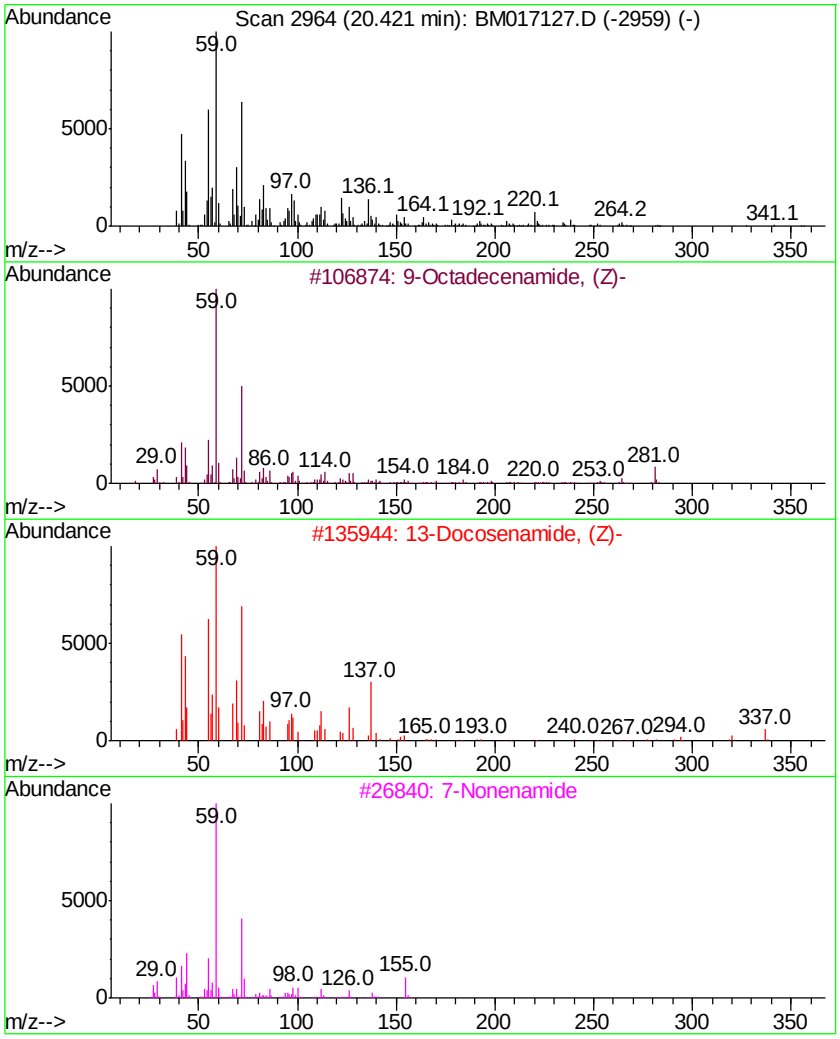
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

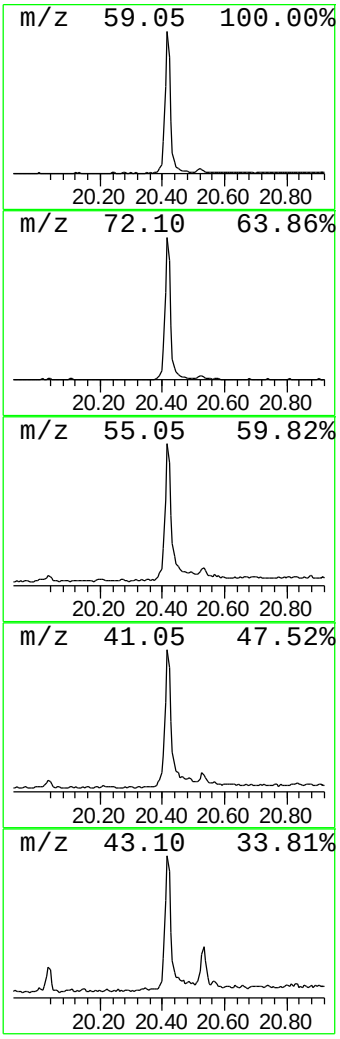
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	5.01 ng/ul	1151840	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
3	7-Nonenamide	155	C9H17NO	090949-53-4	53
4	Tetradecanamide	227	C14H29NO	000638-58-4	53
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

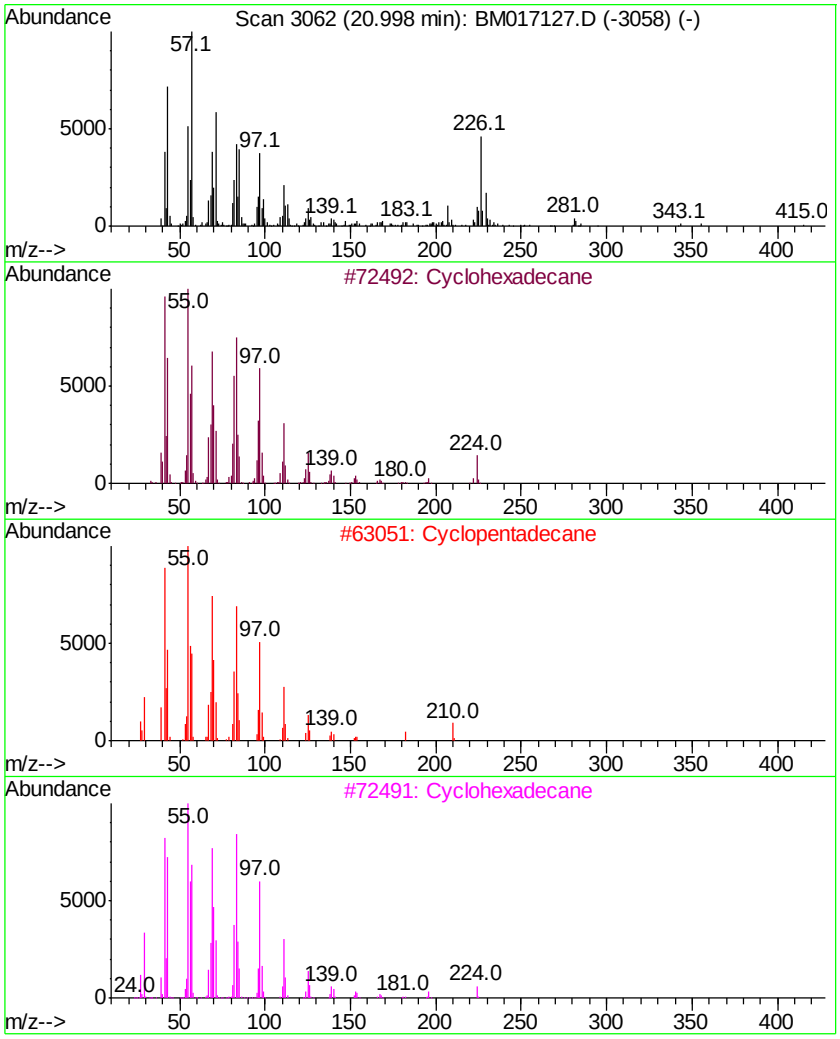
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

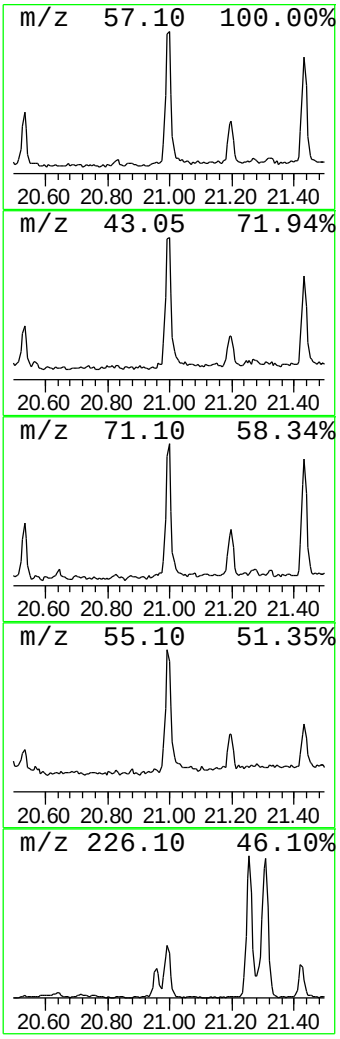
****

Peak Number 5 (DEL) Alkane: Cyclic21.00 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.29 ng/ul	527945	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Cyclopentadecane	210	C15H30	000295-48-7	86
3	Cyclohexadecane	224	C16H32	000295-65-8	84
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	62
5	Hexadecane	226	C16H34	000544-76-3	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

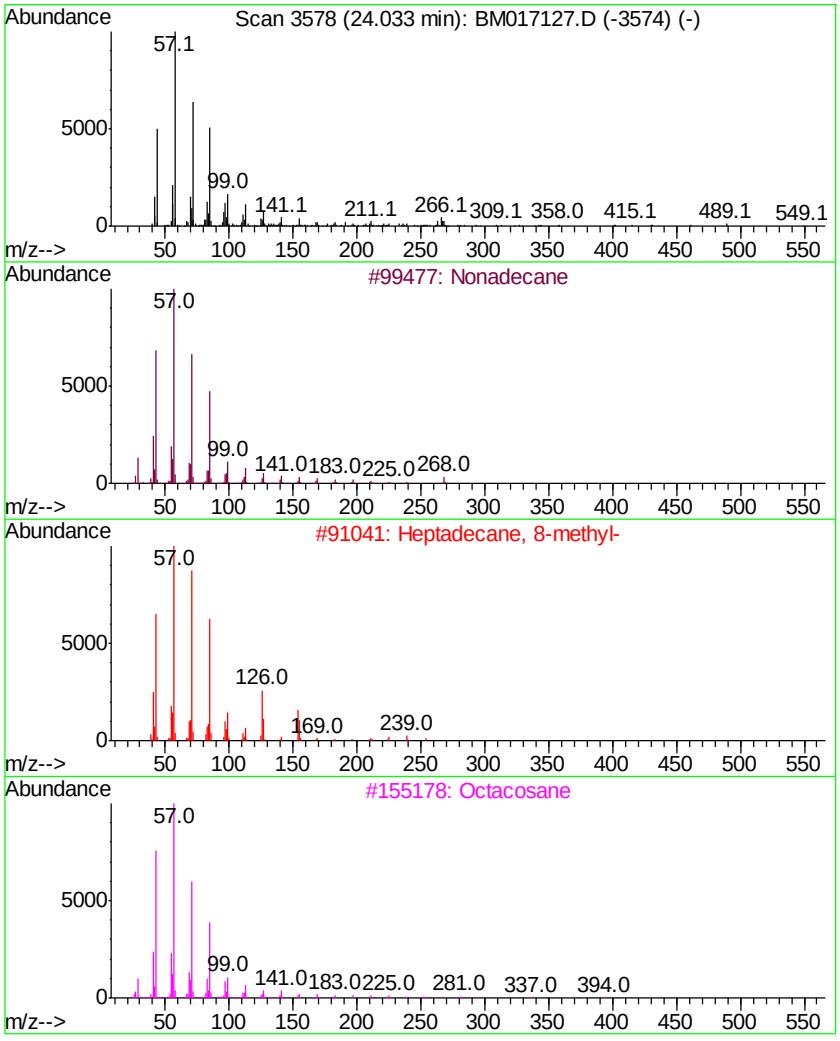
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

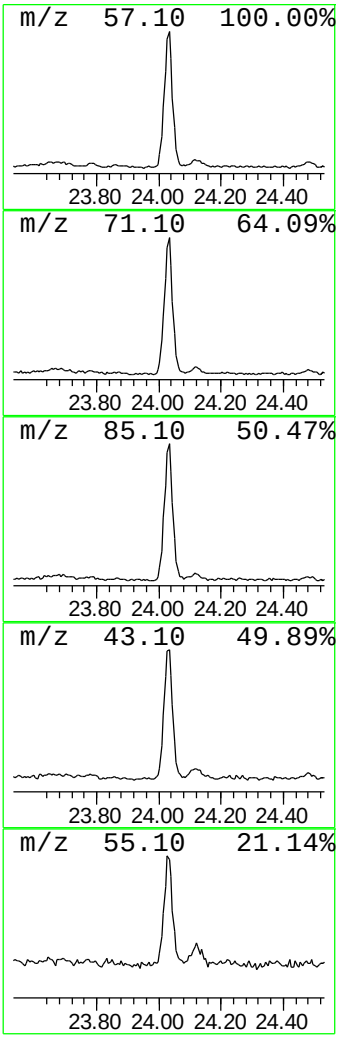
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	3.61 ng/ul	572769	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1-m...	18.00	2.4	ng/ul	479589	4	17.08	3968060	20.0
4H-Cyclopenta[def...	18.15	2.1	ng/ul	409913	4	17.08	3968060	20.0
11H-Benzo[b]fluorene	20.00	2.1	ng/ul	479237	5	21.27	4602650	20.0
9-Octadecenamide,...	20.42	5.0	ng/ul	1151840	5	21.27	4602650	20.0
(DEL) Alkane: Cyc...	21.00	2.3	ng/ul	527945	5	21.27	4602650	20.0
(DEL) Alkane: Str...	24.03	3.6	ng/ul	572769	6	23.50	3169760	20.0