LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013516.D
Acq On : 19 Dec 2017 17:04
Operator : SJ/JU
Sample : I6775-07MEDL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A10MEDL

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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	7.669	772	779	789	rBV	603945	986198	36.15%	3.923%
2	8.198	865	869	881	rVB5	12483	32320	1.18%	0.129%
3	10.451	1245	1252	1256	rBV	852371	1504647	55.15%	5.985%
4	10.498	1256	1260	1274	rVV	1213582	1970796	72.23%	7.839%
5	10.616	1274	1280	1286	rVB2	51131	85398	3.13%	0.340%
6	11.304	1390	1397	1403	rBV4	19204	41287	1.51%	0.164%
7	12.116	1527	1535	1543	rBV	262838	414523	15.19%	1.649%
8	12.339	1566	1573	1585	rVB	117925	213492	7.82%	0.849%
9	13.145	1704	1710	1720	rBV2	87501	142377	5.22%	0.566%
10	13.339	1738	1743	1750	rVB2	37674	61112	2.24%	0.243%
11	13.469	1759	1765	1767	rBV4	38669	54351	1.99%	0.216%
12	13.633	1786	1793	1798	rBV2	55894	105000	3.85%	0.418%
13	13.686	1798	1802	1806	rVV3	36544	59228	2.17%	0.236%
14	13.733	1806	1810	1815	rVB2	42327	62443	2.29%	0.248%
15	13.869	1829	1833	1837	rBV3	23041	37543	1.38%	0.149%
16	14.004	1851	1856	1860	rBV	49159	83625	3.07%	0.333%
17	14.039	1860	1862	1868	rVB3	30194	33451	1.23%	0.133%
18	14.316	1901	1909	1915	rBV2	1241059	1987388	72.84%	7.905%
19	14.374	1915	1919	1928	rVB	584477	902527	33.08%	3.590%
20	14.627	1953	1962	1968	rBV2	35486	51087	1.87%	0.203%
21	14.716	1972	1977	1986	rBV	368753	557014	20.42%	2.215%
22	15.180	2046	2056	2060	rVB8	14097	30571	1.12%	0.122%
23	15.310	2073	2078	2082	rBV2	65822	91454	3.35%	0.364%
24	15.369	2082	2088	2093	rBV	493456	725402	26.59%	2.885%
25	15.463	2099	2104	2106	rBV3	21811	30107	1.10%	0.120%
26	15.492	2106	2109	2112	rVV2	37974	56076	2.06%	0.223%
27	15.527	2112	2115	2120	rVV3	62322	86694	3.18%	0.345%
28	15.616	2126	2130	2134	rVV3	34920	54251	1.99%	0.216%
29	15.663	2134	2138	2147	rVB	61430	99539	3.65%	0.396%
30	15.810	2155	2163	2172	rVB2	70515	147025	5.39%	0.585%
31	16.039	2198	2202	2208	rVB4	22129	35304	1.29%	0.140%
32	16.163	2216	2223	2229	rBV2	64514	95053	3.48%	0.378%
33	16.333	2247	2252	2253	rBV2	21923	30985	1.14%	0.123%
34	16.374	2253	2259	2263	rVV3	47170	87870	3.22%	0.349%

LSC Area Percent Report

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Sample : I6775-07MEDL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A10MEDL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	16.421	2263	2267	2272	rVB4	28032	41227	1.51%	0.164%
36	16.521	2277	2284	2290	rVB7	18706	36335	1.33%	0.145%
37	16.721	2312	2318	2327	rBV4	111875	175852	6.45%	0.699%
38	16.821	2327	2335	2340	rVV5	52951	110875	4.06%	0.441%
39	16.886	2340	2346	2353	rVB	116995	189600	6.95%	0.754%
40	17.063	2370	2376	2380	rBV2	1568691	2277103	83.46%	9.057%
41	17.104	2380	2383	2389	rVV	1990113	2728361	100.00%	10.852%
42	17.163	2389	2393	2396	rVV3	100605	169939	6.23%	0.676%
43	17.198	2396	2399	2405	rVV	173176	241532	8.85%	0.961%
44	17.474	2438	2446	2455	rBV2	90504	160736	5.89%	0.639%
45	17.568	2458	2462	2464	rBV3	23599	30156	1.11%	0.120%
46	17.645	2471	2475	2478	rBV4	19113	29264	1.07%	0.116%
47	17.939	2517	2525	2529	rBV	106245	153986	5.64%	0.612%
48	17.992	2529	2534	2540	rVV	130622	198226	7.27%	0.788%
49	18.074	2540	2548	2551	rVV4	34701	57753	2.12%	0.230%
50	18.133	2551	2558	2563	rVV2	179508	306928	11.25%	1.221%
51	18.174	2563	2565	2570	rVB2	46322	48826	1.79%	0.194%
52	18.257	2575	2579	2583	rBV6	21737	29462	1.08%	0.117%
53	18.445	2606	2611	2616	rBV	79967	106428	3.90%	0.423%
54	18.862	2676	2682	2685	rBV4	20852	36738	1.35%	0.146%
55	19.127	2721	2727	2734	rVB	1001602	1301526	47.70%	5.177%
56	19.368	2763	2768	2772	rBV3	19812	27855	1.02%	0.111%
57	19.462	2779	2784	2785	rBV2	221231	261742	9.59%	1.041%
58	19.492	2785	2789	2797	rVV	597047	892397	32.71%	3.549%
59	19.562	2797	2801	2808	rVB4	27527	48546	1.78%	0.193%
60	19.674	2815	2820	2826	rBV3	36294	61396	2.25%	0.244%
61	19.827	2840	2846	2850	rBV6	26046	58305	2.14%	0.232%
62	19.992	2869	2874	2879	rVB	79711	123383	4.52%	0.491%
63	20.092	2886	2891	2895	rBV2	100593	127414	4.67%	0.507%
64	20.151	2895	2901	2903	rVV6	31232	53300	1.95%	0.212%
65	20.186	2903	2907	2911	rVB6	19368	30803	1.13%	0.123%
66	20.333	2929	2932	2937	rBV6	19399	29940	1.10%	0.119%
67	21.256	3082	3089	3093	rBV	1584802	2195089	80.45%	8.731%
68	21.292	3093	3095	3100	rVB	119332	140033	5.13%	0.557%
69	23.480	3460	3467	3479	rVB	878286	1704697	62.48%	6.780%

Sum of corrected areas: 25141891

LSC Report - Integrated Chromatogram

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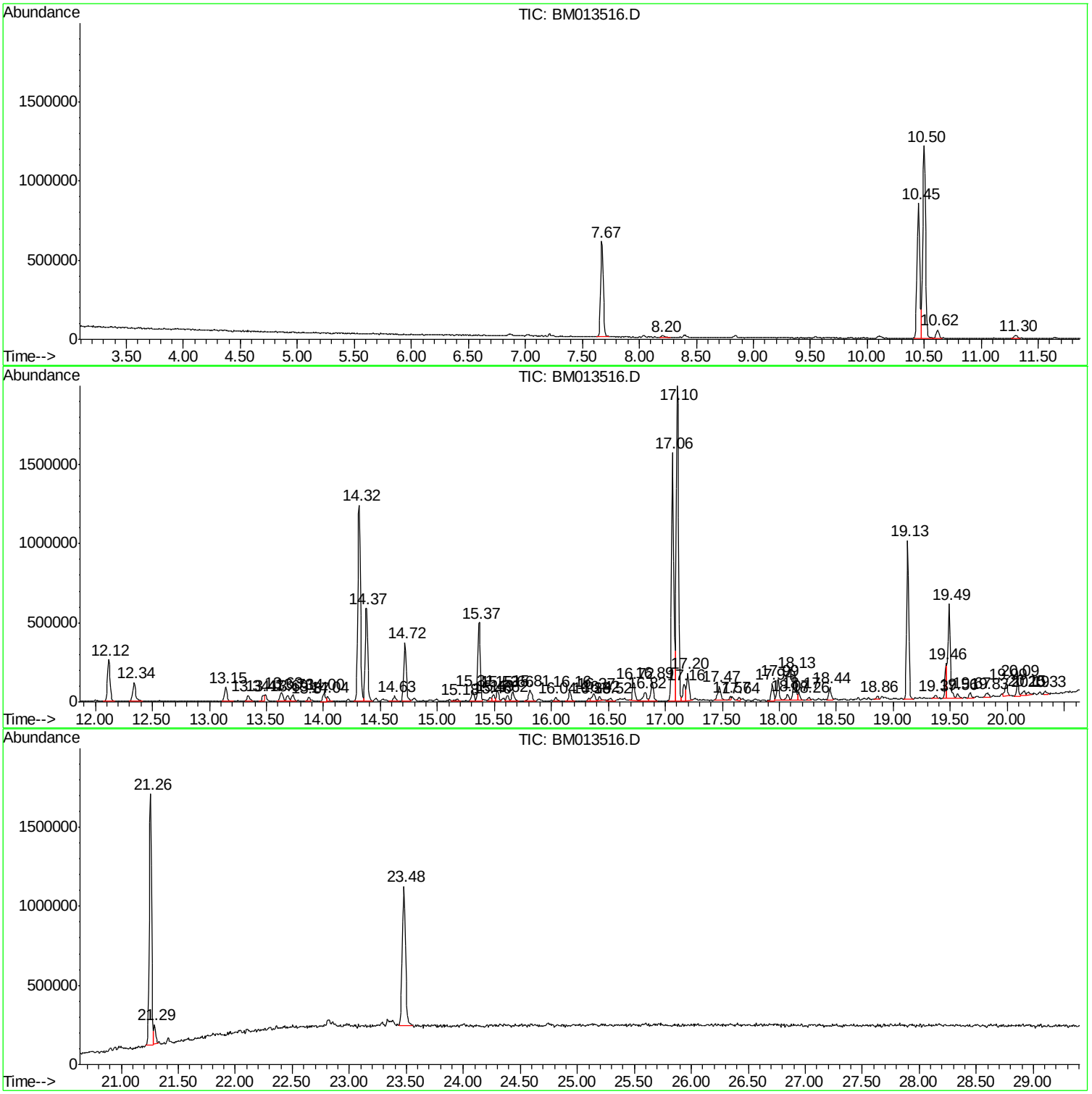
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013516.D
Acq On : 19 Dec 2017 17:04
Operator : SJ/JU
Sample : I6775-07MEDL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A10MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

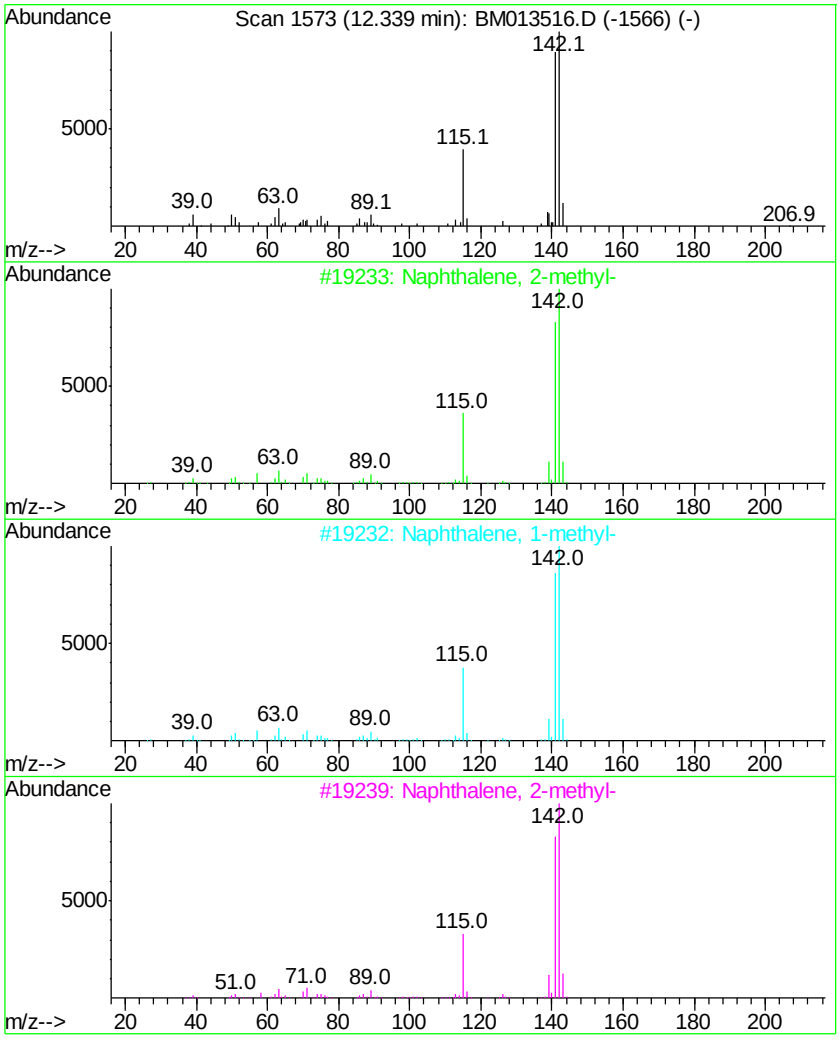
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

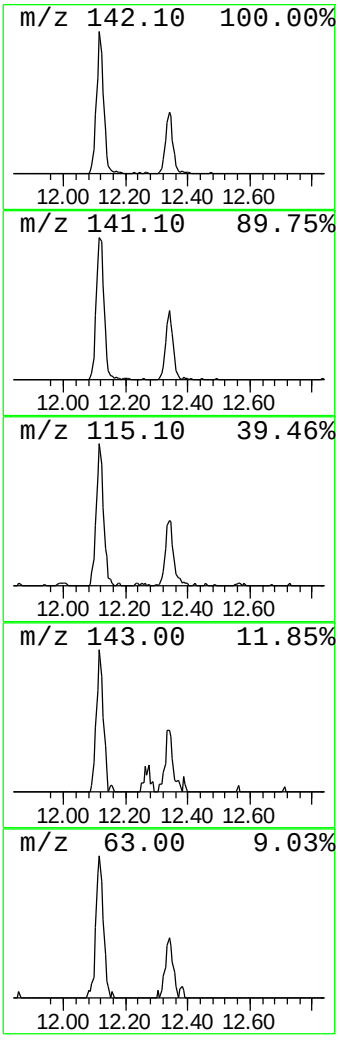
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.84 ng/ul	213492	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Benzocycloheptatriene	142	C11H10	000264-09-5	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013516.D
Acq On : 19 Dec 2017 17:04
Operator : SJ/JU
Sample : I6775-07MEDL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A10MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

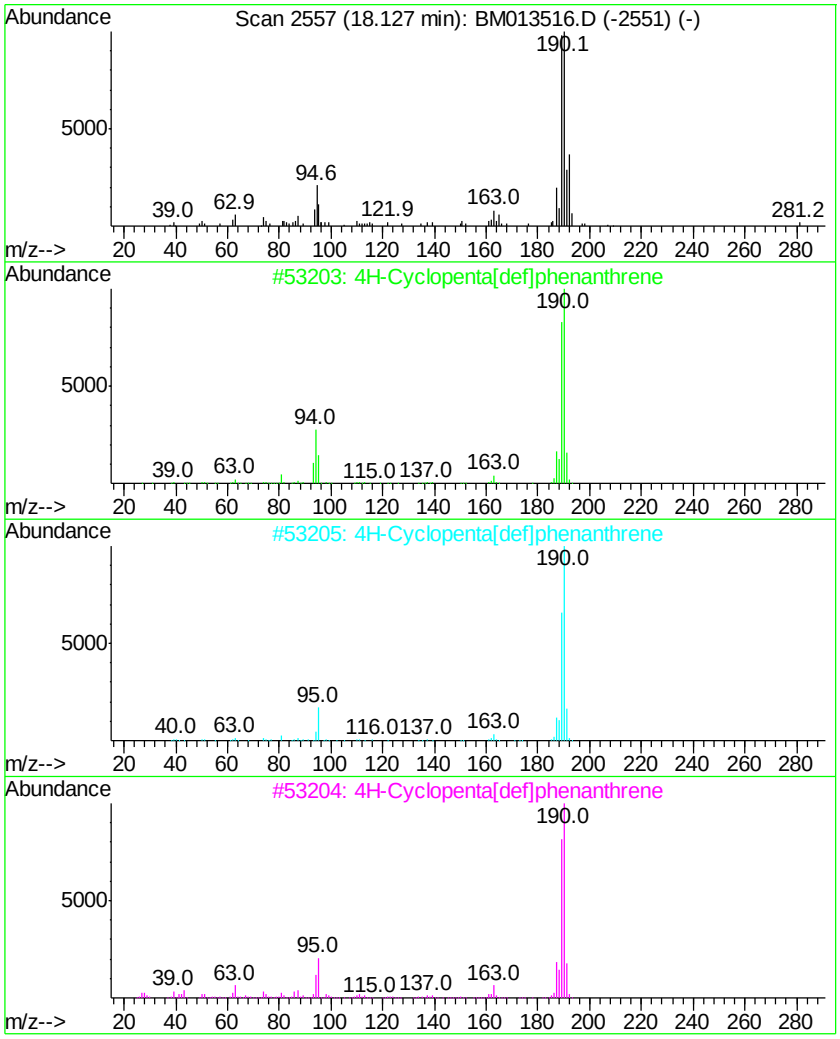
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

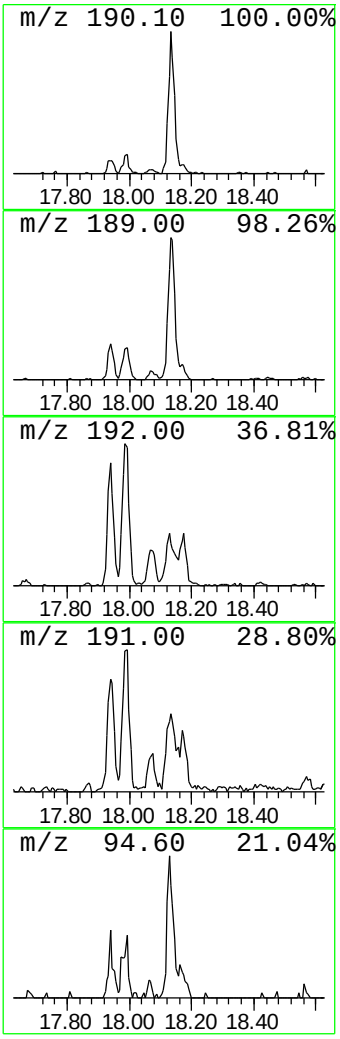
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.70 ng/ul	306928	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Tentatively Identified Compound (LSC) summary

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Data File : BM013516.D
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Operator : SJ/JU
Sample : I6775-07MEDL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A10MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
Naphthalene, 1-me...	12.34	2.8	ng/ul	213492	2	10.45	1504650	20.0
4H-Cyclopenta[def...	18.13	2.7	ng/ul	306928	4	17.06	2277100	20.0