LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004057.D
Acq On : 15 Jan 2016 20:49
Operator : SJ/UM
Sample : H1100-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC986

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.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	3.128	4	7	12	rVB	5353	6618	0.74%	0.059%
2	3.652	90	96	102	rBV	16456	20786	2.31%	0.184%
3	6.845	633	639	651	rBB	127459	201966	22.46%	1.786%
4	6.998	660	665	675	rBB	108147	162863	18.11%	1.440%
5	7.198	693	699	707	rBB	140597	213504	23.75%	1.888%
6	7.663	772	778	785	rBB	130095	199731	22.21%	1.766%
7	8.375	893	899	908	rBB	113395	180069	20.03%	1.592%
8	8.822	969	975	984	rBB	138184	217376	24.18%	1.922%
9	9.539	1092	1097	1105	rBB	112169	181626	20.20%	1.606%
10	10.081	1183	1189	1200	rBB	173386	280351	31.18%	2.479%
11	10.451	1245	1252	1259	rBV	206601	336010	37.37%	2.971%
12	10.592	1270	1276	1294	rBB	145143	249800	27.78%	2.208%
13	13.733	1804	1810	1814	rBV	331651	464197	51.63%	4.104%
14	13.774	1814	1817	1824	rVB	123033	167161	18.59%	1.478%
15	14.010	1851	1857	1870	rBB	397777	577831	64.27%	5.108%
16	14.216	1889	1892	1896	rBB	13482	16308	1.81%	0.144%
17	14.321	1904	1910	1917	rBB2	305878	456283	50.75%	4.034%
18	14.539	1942	1947	1965	rBB	99097	160196	17.82%	1.416%
19	15.174	2051	2055	2061	rVB	22526	26621	2.96%	0.235%
20	15.315	2073	2079	2085	rBV	509380	724010	80.53%	6.401%
21	15.451	2098	2102	2108	rBV	100415	128189	14.26%	1.133%
22	15.563	2116	2121	2123	rBV2	6440	10505	1.17%	0.093%
23	16.039	2197	2202	2210	rBV2	23446	43656	4.86%	0.386%
24	16.374	2253	2259	2264	rBV2	3941	7528	0.84%	0.067%
25	16.615	2296	2300	2304	rBV	11185	13180	1.47%	0.117%
26	16.827	2333	2336	2340	rBV	11058	12472	1.39%	0.110%
27	16.886	2340	2346	2350	rVB3	5168	7410	0.82%	0.066%
28	17.074	2372	2378	2382	rBV	369411	537559	59.79%	4.752%
29	17.115	2382	2385	2389	rVV	68537	87943	9.78%	0.777%
30	17.168	2389	2394	2406	rVV2	518092	743626	82.71%	6.574%
31	17.651	2473	2476	2481	rBV	6461	8393	0.93%	0.074%
32	17.945	2521	2526	2531	rVV	28233	47403	5.27%	0.419%
33	17.992	2531	2534	2540	rVV	32257	44563	4.96%	0.394%
34	18.080	2545	2549	2553	rVV2	6330	9243	1.03%	0.082%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004057.D
Acq On : 15 Jan 2016 20:49
Operator : SJ/UM
Sample : H1100-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC986

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Title : SVOA CALIBRATION

35	18.139	2553	2559	2563	rVV2	36948	65938	7.33%	0.583%
36	18.180	2563	2566	2571	rVB	24175	31575	3.51%	0.279%
37	18.451	2606	2612	2616	rBV2	15247	20567	2.29%	0.182%
38	18.498	2616	2620	2627	rVB2	14430	20888	2.32%	0.185%
39	18.698	2651	2654	2658	rVB	8108	9360	1.04%	0.083%
40	18.751	2659	2663	2666	rBV	12994	13537	1.51%	0.120%
41	18.792	2666	2670	2674	rVB2	7462	9958	1.11%	0.088%
42	18.874	2677	2684	2689	rBV	38332	64987	7.23%	0.575%
43	18.933	2689	2694	2698	rBV4	12870	21207	2.36%	0.187%
44	18.968	2698	2700	2703	rVB	10615	10505	1.17%	0.093%
45	19.015	2703	2708	2720	rVB5	16582	37961	4.22%	0.336%
46	19.139	2724	2729	2736	rVB	134096	170558	18.97%	1.508%
47	19.203	2736	2740	2743	rVB2	6315	7748	0.86%	0.068%
48	19.239	2743	2746	2750	rVB	7607	9712	1.08%	0.086%
49	19.474	2780	2786	2790	rBV2	596679	899112	100.00%	7.949%
50	19.586	2800	2805	2810	rVB2	15532	23711	2.64%	0.210%
51	19.674	2810	2820	2822	rBV5	6271	15829	1.76%	0.140%
52	19.709	2822	2826	2827	rVV4	6130	9845	1.09%	0.087%
53	19.745	2828	2832	2837	rVV2	11713	22649	2.52%	0.200%
54	19.833	2837	2847	2858	rVV5	24482	83206	9.25%	0.736%
55	19.915	2858	2861	2866	rVV5	6914	12441	1.38%	0.110%
56	19.968	2866	2870	2872	rVV3	17171	25271	2.81%	0.223%
57	20.003	2872	2876	2881	rVV	33293	55624	6.19%	0.492%
58	20.103	2890	2893	2897	rVV	20288	27951	3.11%	0.247%
59	20.162	2897	2903	2907	rVV2	37645	61720	6.86%	0.546%
60	20.203	2907	2910	2915	rVV5	8141	17019	1.89%	0.150%
61	20.245	2915	2917	2920	rVV3	5054	7542	0.84%	0.067%
62	20.280	2920	2923	2924	rVV	9139	9683	1.08%	0.086%
63	20.303	2924	2927	2931	rVV	31592	42762	4.76%	0.378%
64	20.350	2931	2935	2939	rVV	29039	38758	4.31%	0.343%
65	20.386	2939	2941	2947	rVB2	6693	8317	0.93%	0.074%
66	20.474	2947	2956	2959	rBV3	4434	9399	1.05%	0.083%
67	20.562	2967	2971	2974	rBV6	4663	6999	0.78%	0.062%
68	20.597	2974	2977	2980	rVV3	9116	11693	1.30%	0.103%
69	20.627	2980	2982	2987	rVB2	7790	9163	1.02%	0.081%
70	20.727	2992	2999	3000	rVV4	6595	11459	1.27%	0.101%
71	20.762	3000	3005	3010	rVV	19787	35235	3.92%	0.312%

LSC Area Percent Report

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Acq On : 15 Jan 2016 20:49
Operator : SJ/UM
Sample : H1100-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC986

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Title : SVOA CALIBRATION

72	20.845	3016	3019	3024	rVV	8994	10504	1.17%	0.093%
73	20.921	3025	3032	3036	rVV4	18364	36014	4.01%	0.318%
74	20.986	3036	3043	3051	rVV6	73696	157018	17.46%	1.388%
75	21.056	3051	3055	3061	rVV2	15224	32946	3.66%	0.291%
76	21.280	3085	3093	3096	rBV2	413597	627764	69.82%	5.550%
77	21.315	3096	3099	3106	rVB	81576	106673	11.86%	0.943%
78	21.392	3109	3112	3116	rBV4	12736	20237	2.25%	0.179%
79	21.433	3116	3119	3126	rBV3	12692	19042	2.12%	0.168%
80	21.603	3142	3148	3151	rBV6	7381	12811	1.42%	0.113%
81	21.644	3151	3155	3161	rVB4	8534	13885	1.54%	0.123%
82	21.774	3173	3177	3180	rBV2	6523	8809	0.98%	0.078%
83	21.833	3180	3187	3190	rBV2	33892	62719	6.98%	0.554%
84	21.880	3192	3195	3203	rVB3	21740	35479	3.95%	0.314%
85	22.027	3215	3220	3223	rBV	20238	32570	3.62%	0.288%
86	22.127	3234	3237	3240	rVB3	10653	14305	1.59%	0.126%
87	22.321	3264	3270	3271	rBV2	12981	21181	2.36%	0.187%
88	22.480	3295	3297	3303	rVB4	8135	10707	1.19%	0.095%
89	22.844	3350	3359	3371	rBV3	42305	149604	16.64%	1.323%
90	23.015	3384	3388	3392	rBV	7287	11916	1.33%	0.105%
91	23.321	3434	3440	3443	rBV	33131	56440	6.28%	0.499%
92	23.374	3443	3449	3454	rVV	356992	670507	74.57%	5.928%
93	23.415	3454	3456	3463	rVV	49728	78000	8.68%	0.690%
94	23.515	3466	3473	3479	rVV	235268	442071	49.17%	3.908%
95	23.562	3479	3481	3489	rVB3	15029	28006	3.11%	0.248%
96	24.015	3552	3558	3563	rBV2	17868	37412	4.16%	0.331%
97	24.756	3678	3684	3690	rBV	10705	23879	2.66%	0.211%
98	25.615	3823	3830	3831	rBV4	8852	16392	1.82%	0.145%
99	25.762	3848	3855	3866	rVB3	19084	52897	5.88%	0.468%
100	26.456	3965	3973	3982	rVB3	12921	36620	4.07%	0.324%

Sum of corrected areas: 11311274

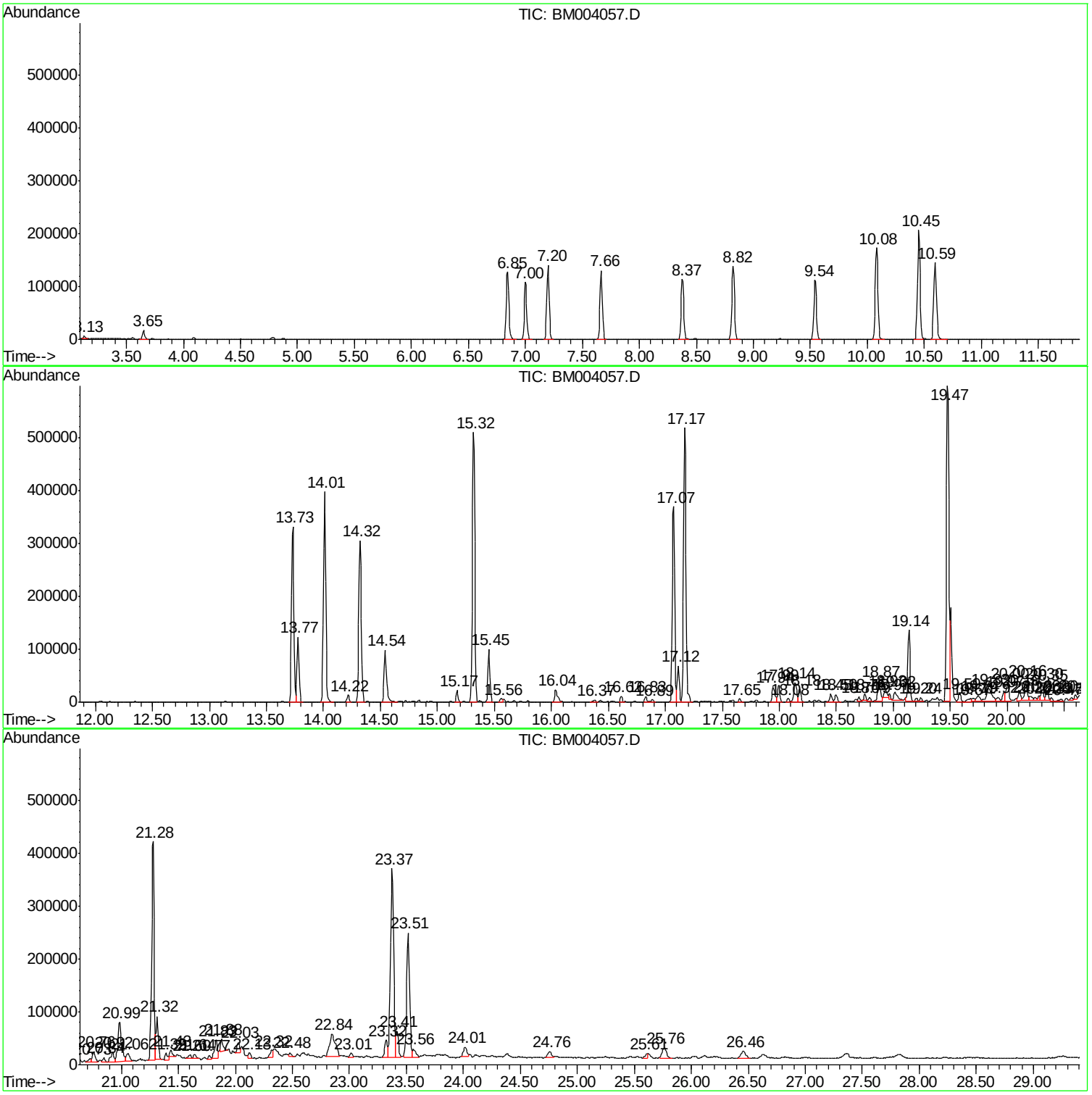
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004057.D
Acq On : 15 Jan 2016 20:49
Operator : SJ/UM
Sample : H1100-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC986

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004057.D
Acq On : 15 Jan 2016 20:49
Operator : SJ/UM
Sample : H1100-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC986

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

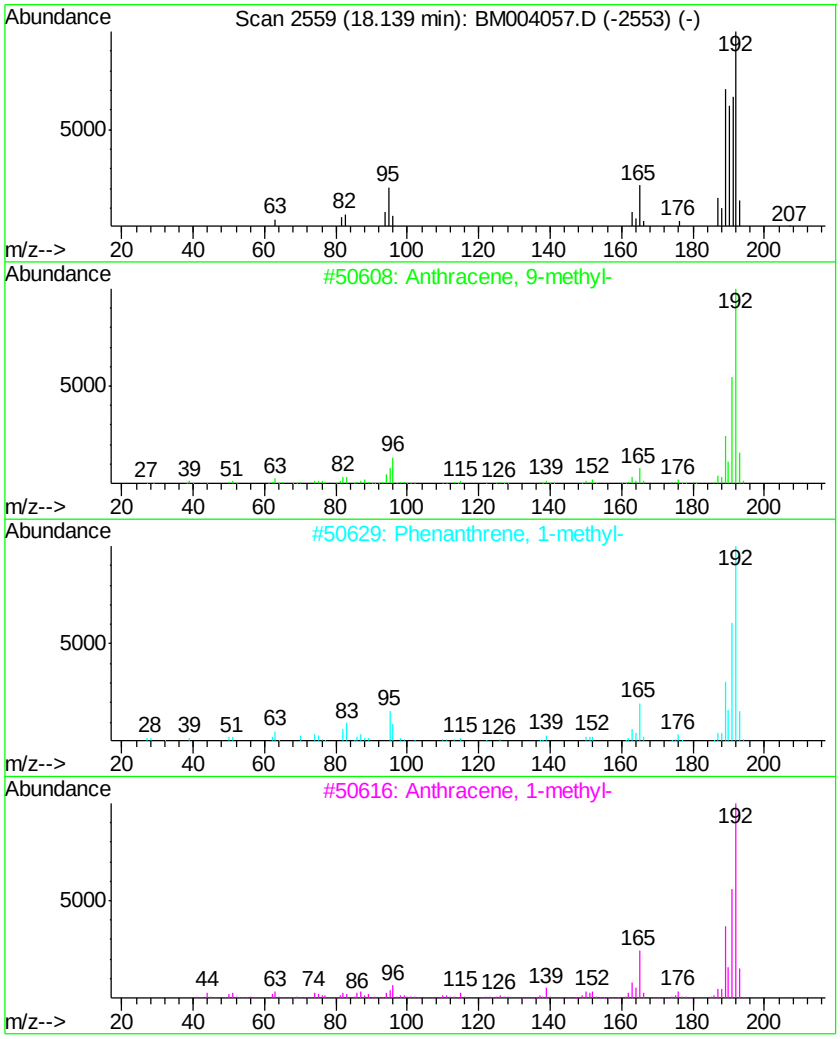
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

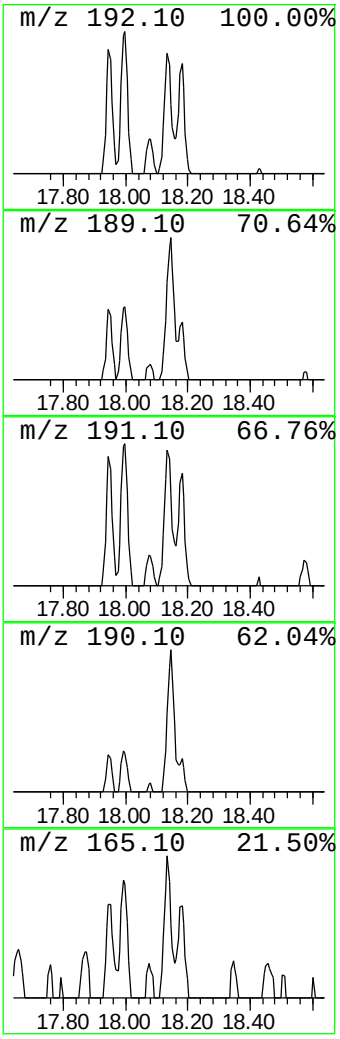
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.45 ng/ul	65938	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004057.D
Acq On : 15 Jan 2016 20:49
Operator : SJ/UM
Sample : H1100-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC986

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

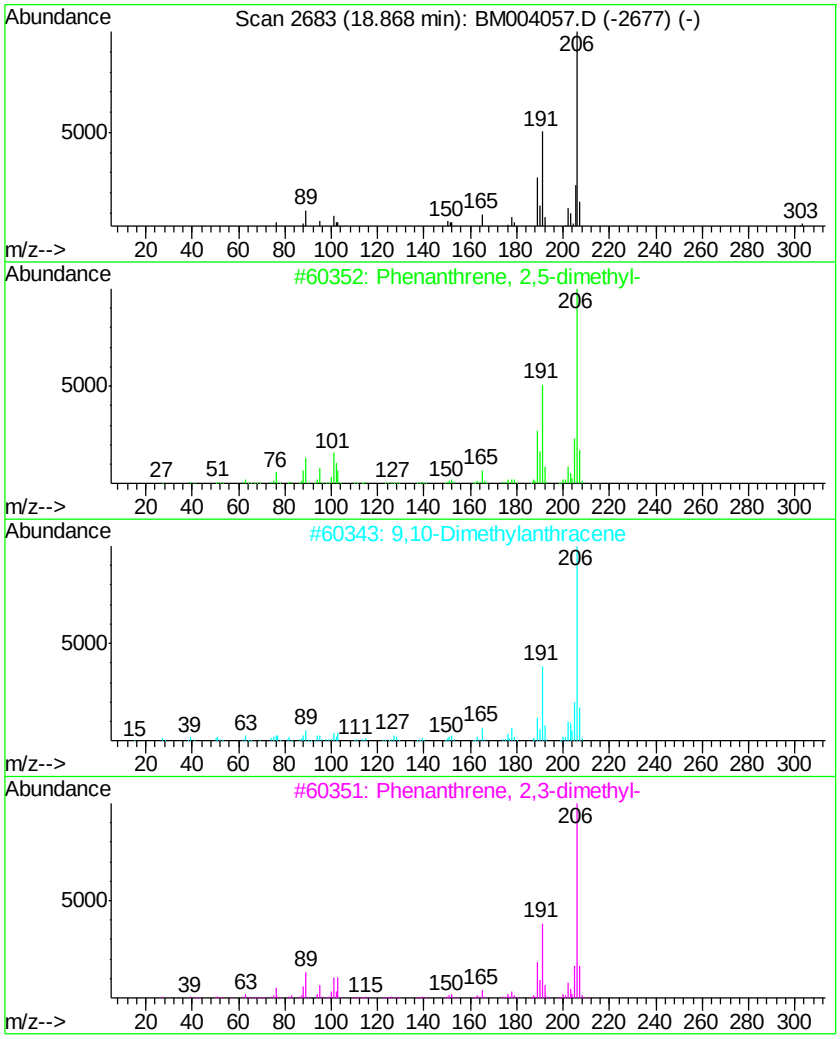
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

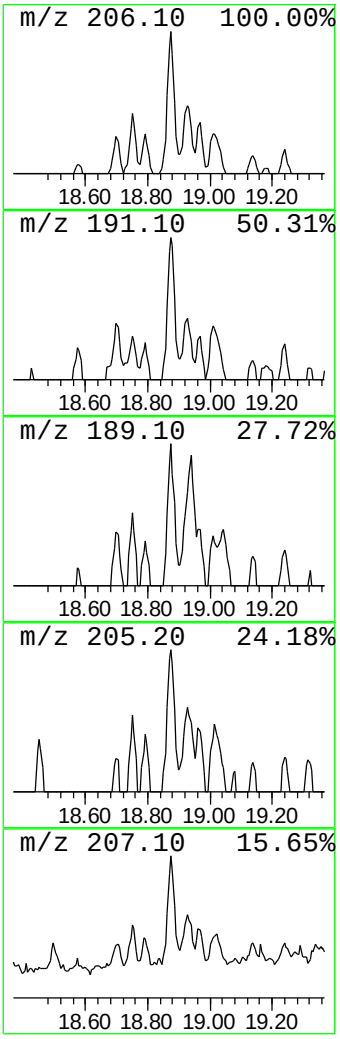
****

Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.42 ng/ul	64987	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004057.D
Acq On : 15 Jan 2016 20:49
Operator : SJ/UM
Sample : H1100-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC986

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

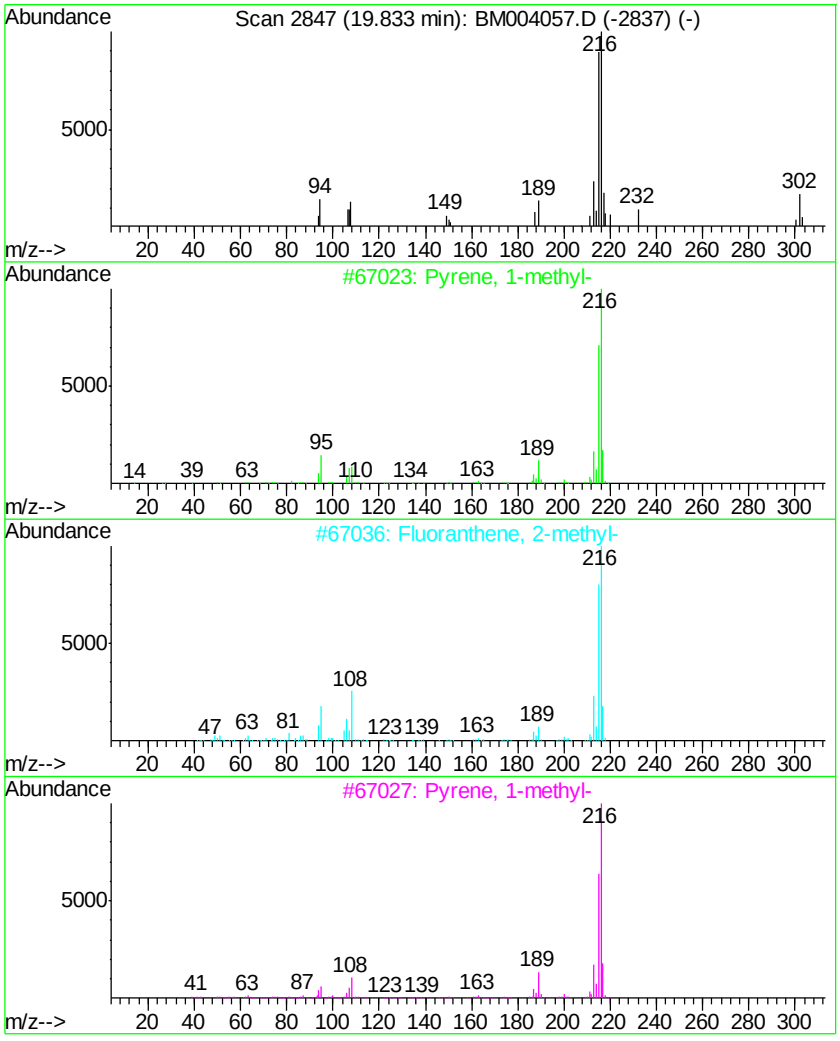
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

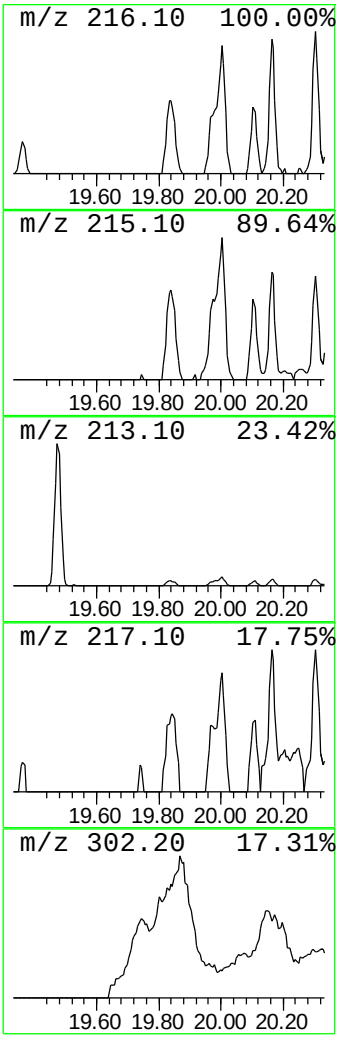
****

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.65 ng/ul	83206	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004057.D
Acq On : 15 Jan 2016 20:49
Operator : SJ/UM
Sample : H1100-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC986

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

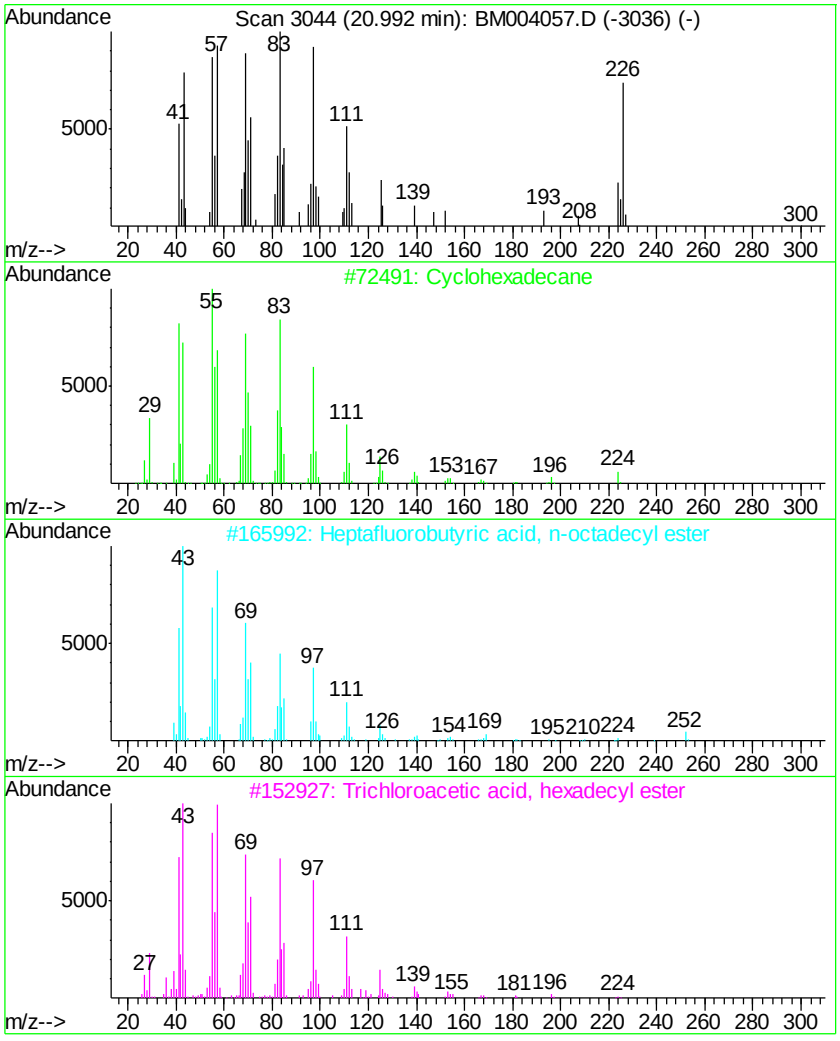
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

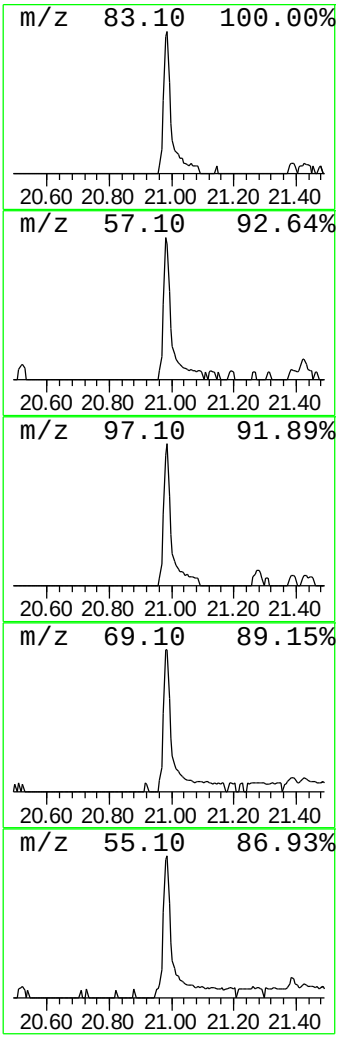
****

Peak Number 5 (DEL) Alkane: Cyclic20.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.00 ng/ul	157018	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004057.D
Acq On : 15 Jan 2016 20:49
Operator : SJ/UM
Sample : H1100-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC986

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.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
Anthracene, 9-met...	18.14	2.5	ng/ul	65938	4	17.07	537559	20.0
Phenanthrene, 2,5...	18.87	2.4	ng/ul	64987	4	17.07	537559	20.0
Pyrene, 1-methyl-	19.83	2.6	ng/ul	83206	5	21.28	627764	20.0
(DEL) Alkane: Cyc...	20.99	5.0	ng/ul	157018	5	21.28	627764	20.0