LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012316\
Data File : BM004121.D
Acq On : 22 Jan 2016 21:49
Operator : SJ/UM
Sample : H1174-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9K0

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-BM012016.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	3.116	3	5	11	rVB	2029	2809	0.38%	0.043%
2	6.840	633	638	648	rBB	44806	69845	9.39%	1.061%
3	6.992	659	664	673	rBB	40370	62393	8.39%	0.948%
4	7.192	693	698	707	rBB	49914	75544	10.16%	1.148%
5	7.657	772	777	785	rBB	60703	93676	12.59%	1.423%
6	8.375	894	899	909	rBB	61410	97302	13.08%	1.478%
7	8.816	969	974	983	rBB	46894	72826	9.79%	1.106%
8	9.539	1092	1097	1103	rBB	35662	53532	7.20%	0.813%
9	10.075	1183	1188	1198	rBV	58139	95288	12.81%	1.447%
10	10.445	1245	1251	1259	rBB	104018	164101	22.06%	2.493%
11	10.592	1270	1276	1291	rBB	65885	111122	14.94%	1.688%
12	12.839	1656	1658	1662	rBB	2767	2863	0.38%	0.043%
13	13.133	1705	1708	1713	rBB	1416	2214	0.30%	0.034%
14	13.363	1743	1747	1752	rBB	15968	21417	2.88%	0.325%
15	13.727	1803	1809	1813	rBV	157294	205696	27.66%	3.125%
16	13.774	1813	1817	1824	rVB	33875	49060	6.60%	0.745%
17	14.004	1851	1856	1867	rBV	169290	249561	33.55%	3.791%
18	14.216	1888	1892	1896	rBB	9373	11301	1.52%	0.172%
19	14.316	1903	1909	1916	rBB2	170447	253916	34.14%	3.857%
20	14.380	1916	1920	1924	rBB	8802	11503	1.55%	0.175%
21	14.539	1942	1947	1960	rBV	37027	62043	8.34%	0.942%
22	14.721	1974	1978	1982	rBB	5016	6244	0.84%	0.095%
23	14.839	1995	1998	2001	rBB2	3127	3261	0.44%	0.050%
24	15.168	2050	2054	2058	rBB	14443	16803	2.26%	0.255%
25	15.315	2073	2079	2085	rBV	243437	348583	46.87%	5.295%
26	15.368	2085	2088	2092	rVB	8681	10428	1.40%	0.158%
27	15.451	2098	2102	2107	rVV	38272	48159	6.47%	0.732%
28	15.574	2117	2123	2128	rVB3	4848	10421	1.40%	0.158%
29	15.615	2128	2130	2133	rBV	1991	2198	0.30%	0.033%
30	15.668	2136	2139	2141	rBV2	2418	2525	0.34%	0.038%
31	15.792	2157	2160	2161	rBV2	2258	1902	0.26%	0.029%
32	15.810	2161	2163	2168	rVB	1233	2054	0.28%	0.031%
33	16.033	2197	2201	2204	rBV	14215	20148	2.71%	0.306%
34	16.374	2254	2259	2263	rBV2	2617	3630	0.49%	0.055%

LSC Area Percent Report

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Data File : BM004121.D
Acq On : 22 Jan 2016 21:49
Operator : SJ/UM
Sample : H1174-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9K0

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-BM012016.M
Title : SVOA CALIBRATION

35	16.427	2265	2268	2272	rVB2	1355	1766	0.24%	0.027%
36	16.539	2283	2287	2290	rBB	1517	1536	0.21%	0.023%
37	16.827	2331	2336	2339	rBV	5838	6722	0.90%	0.102%
38	16.880	2339	2345	2350	rVB3	4460	6782	0.91%	0.103%
39	17.068	2371	2377	2381	rBV	246135	347113	46.67%	5.273%
40	17.109	2381	2384	2388	rVB	72662	88895	11.95%	1.350%
41	17.168	2388	2394	2399	rBV	296436	412901	55.51%	6.272%
42	17.268	2406	2411	2415	rBV	5314	7743	1.04%	0.118%
43	17.309	2415	2418	2421	rVV	1505	2160	0.29%	0.033%
44	17.351	2421	2425	2432	rVB2	2277	4055	0.55%	0.062%
45	17.486	2445	2448	2453	rBB3	1865	2383	0.32%	0.036%
46	17.645	2470	2475	2481	rBB3	5625	8549	1.15%	0.130%
47	17.798	2493	2501	2506	rBV	3487	6902	0.93%	0.105%
48	17.945	2521	2526	2530	rBV	42032	57089	7.68%	0.867%
49	17.992	2530	2534	2540	rVV	47684	64330	8.65%	0.977%
50	18.080	2545	2549	2553	rBV2	2931	6282	0.84%	0.095%
51	18.133	2553	2558	2562	rVV2	15745	30057	4.04%	0.457%
52	18.174	2562	2565	2570	rVV	11761	17058	2.29%	0.259%
53	18.339	2587	2593	2597	rBV2	3565	7536	1.01%	0.114%
54	18.451	2608	2612	2620	rBV6	6919	17361	2.33%	0.264%
55	18.509	2620	2622	2626	rVB2	2816	3035	0.41%	0.046%
56	18.574	2626	2633	2637	rBV2	9789	15080	2.03%	0.229%
57	18.621	2637	2641	2644	rVB2	1888	2573	0.35%	0.039%
58	18.698	2650	2654	2658	rBV	27519	35418	4.76%	0.538%
59	18.751	2659	2663	2666	rVV	30829	37992	5.11%	0.577%
60	18.792	2666	2670	2673	rVB	15520	18387	2.47%	0.279%
61	18.874	2679	2684	2688	rBV	26882	36362	4.89%	0.552%
62	18.927	2688	2693	2697	rVV4	7798	14115	1.90%	0.214%
63	18.968	2697	2700	2703	rVB	6000	6917	0.93%	0.105%
64	19.009	2703	2707	2712	rVB	12554	18152	2.44%	0.276%
65	19.062	2712	2716	2720	rBV2	6522	9298	1.25%	0.141%
66	19.109	2722	2724	2725	rBV	1812	1598	0.21%	0.024%
67	19.139	2725	2729	2736	rVB	53649	67927	9.13%	1.032%
68	19.198	2736	2739	2743	rBV3	3573	4756	0.64%	0.072%
69	19.239	2743	2746	2750	rBV	9671	11541	1.55%	0.175%
70	19.315	2756	2759	2763	rBV2	8666	9081	1.22%	0.138%
71	19.386	2764	2771	2773	rVV4	9781	17952	2.41%	0.273%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012316\
Data File : BM004121.D
Acq On : 22 Jan 2016 21:49
Operator : SJ/UM
Sample : H1174-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9K0

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-BM012016.M
Title : SVOA CALIBRATION

72	19.421	2773	2777	2781	rVV	9229	13640	1.83%	0.207%
73	19.474	2781	2786	2799	rVB2	425540	648057	87.13%	9.844%
74	19.580	2800	2804	2813	rVB2	17461	25780	3.47%	0.392%
75	19.656	2813	2817	2822	rBV3	15049	23800	3.20%	0.362%
76	19.703	2822	2825	2829	rVB2	8935	11203	1.51%	0.170%
77	19.756	2829	2834	2836	rBV	4003	5613	0.75%	0.085%
78	19.786	2837	2839	2841	rBV3	3067	3016	0.41%	0.046%
79	19.821	2842	2845	2847	rVV4	3718	4024	0.54%	0.061%
80	19.850	2847	2850	2853	rVV6	2652	2972	0.40%	0.045%
81	19.909	2858	2860	2866	rVB2	4773	5793	0.78%	0.088%
82	20.080	2885	2889	2891	rBV4	6516	10213	1.37%	0.155%
83	20.162	2900	2903	2907	rVB	16791	21012	2.83%	0.319%
84	20.215	2907	2912	2916	rBV6	5773	10018	1.35%	0.152%
85	20.303	2924	2927	2929	rBV	7869	9850	1.32%	0.150%
86	20.392	2938	2942	2949	rVB2	17513	26837	3.61%	0.408%
87	20.597	2975	2977	2981	rBV2	9438	11981	1.61%	0.182%
88	20.650	2983	2986	2994	rVV2	12454	19336	2.60%	0.294%
89	20.709	2994	2996	3001	rVB3	7168	8041	1.08%	0.122%
90	20.980	3039	3042	3053	rVB4	28719	51508	6.93%	0.782%
91	21.097	3059	3062	3065	rVB2	8413	9816	1.32%	0.149%
92	21.274	3086	3092	3097	rBV	436956	560354	75.34%	8.512%
93	21.650	3152	3156	3160	rVB3	7202	11015	1.48%	0.167%
94	22.309	3265	3268	3273	rBV3	8787	10516	1.41%	0.160%
95	22.809	3350	3353	3357	rBV	9329	13996	1.88%	0.213%
96	23.368	3441	3448	3460	rVB	407181	743786	100.00%	11.299%
97	23.509	3465	3472	3480	rVB	321923	578920	77.83%	8.794%
98	24.009	3552	3557	3565	rVB3	16203	31546	4.24%	0.479%
99	24.744	3676	3682	3689	rBV3	14544	30909	4.16%	0.470%
100	25.603	3822	3828	3837	rVB4	10707	27685	3.72%	0.421%

Sum of corrected areas: 6583009

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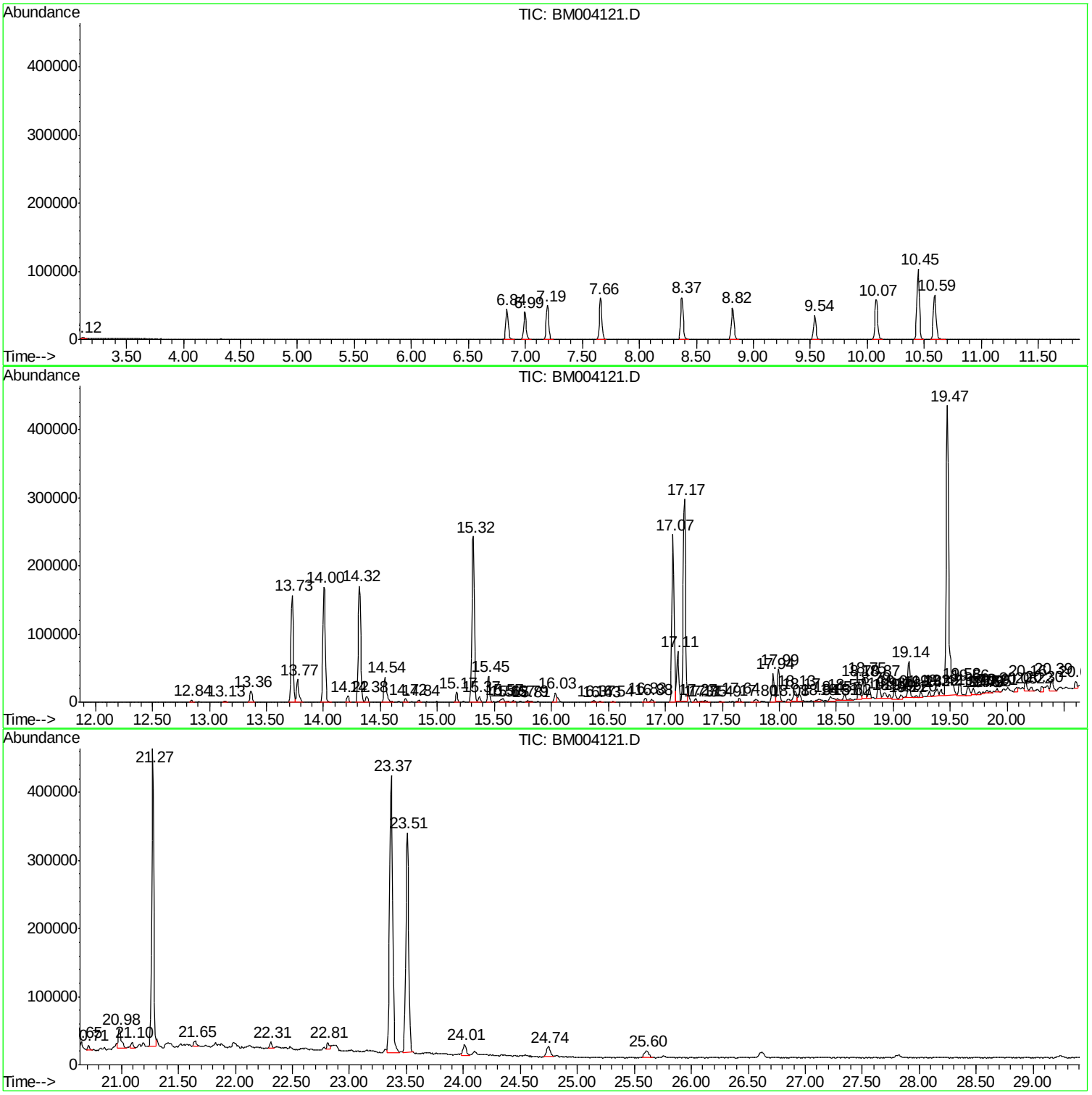
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9K0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012316\
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Sample : H1174-14
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

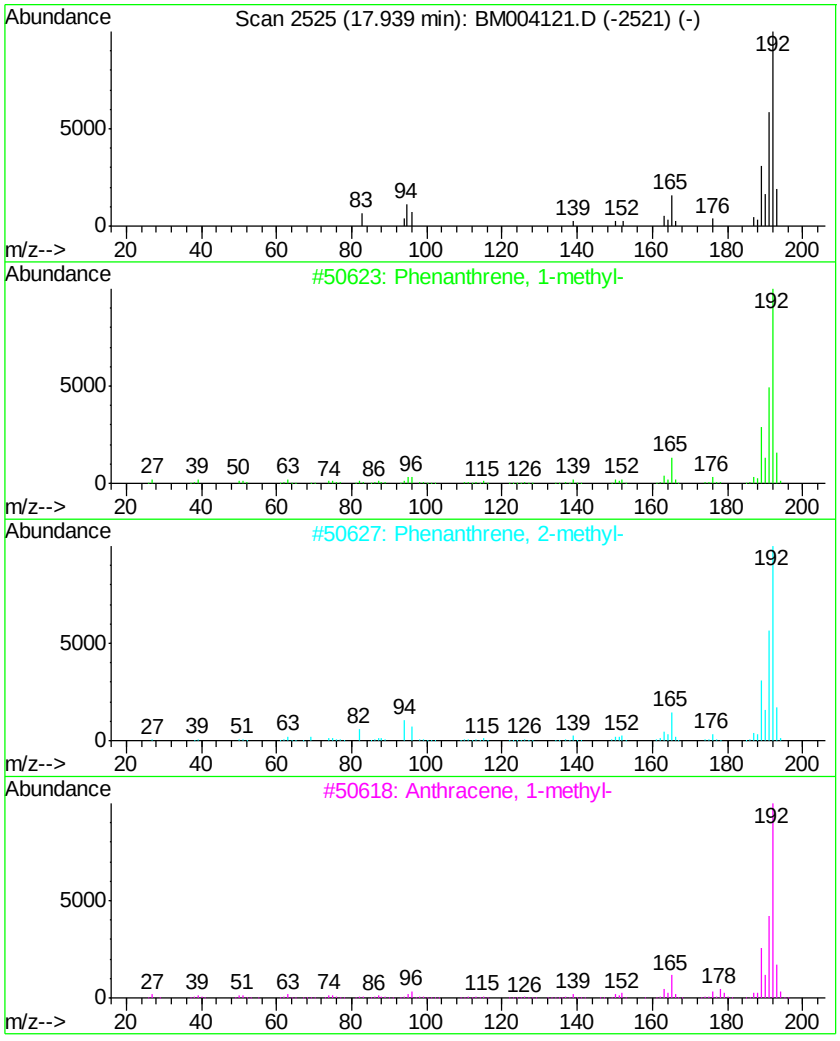
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

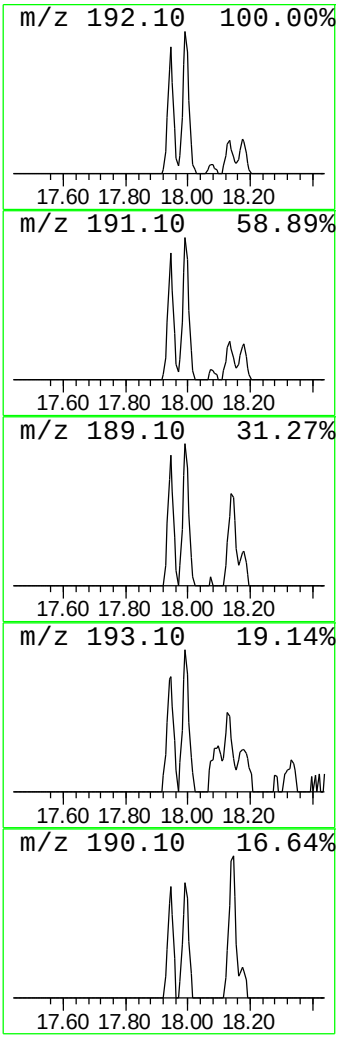
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.29 ng/ul	57089	Phenanthrene-d10	17.07

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, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012316\
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Acq On : 22 Jan 2016 21:49
Operator : SJ/UM
Sample : H1174-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9K0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

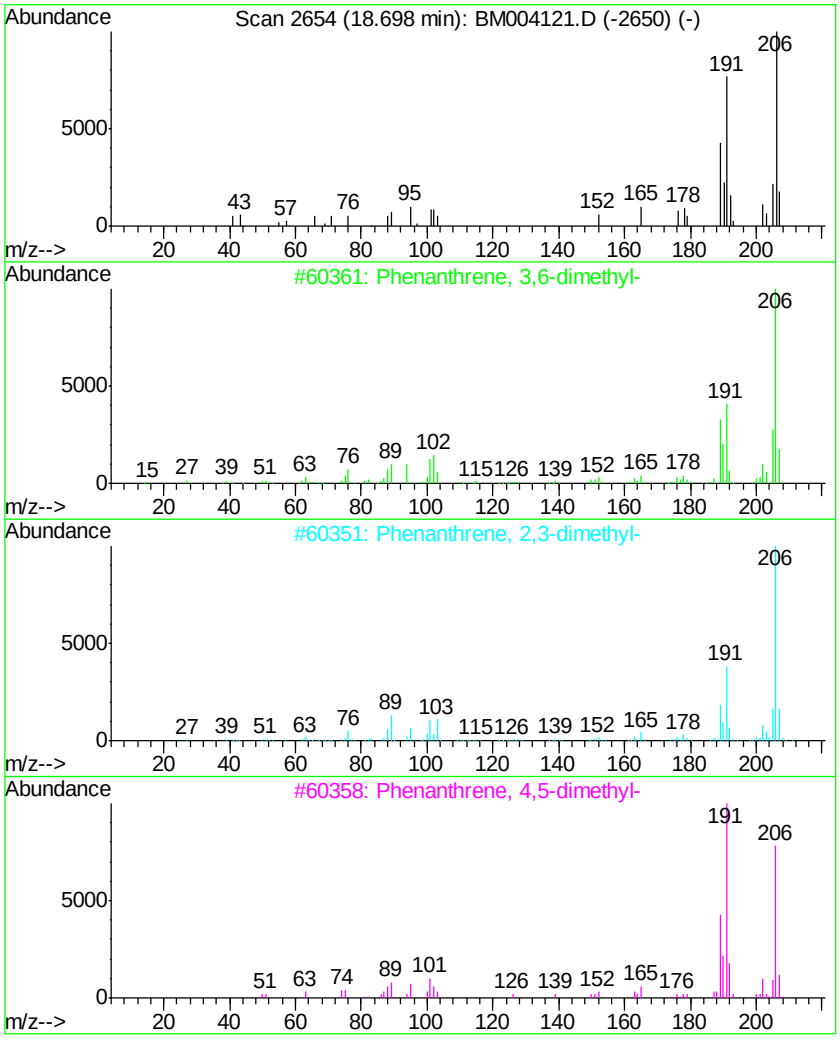
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

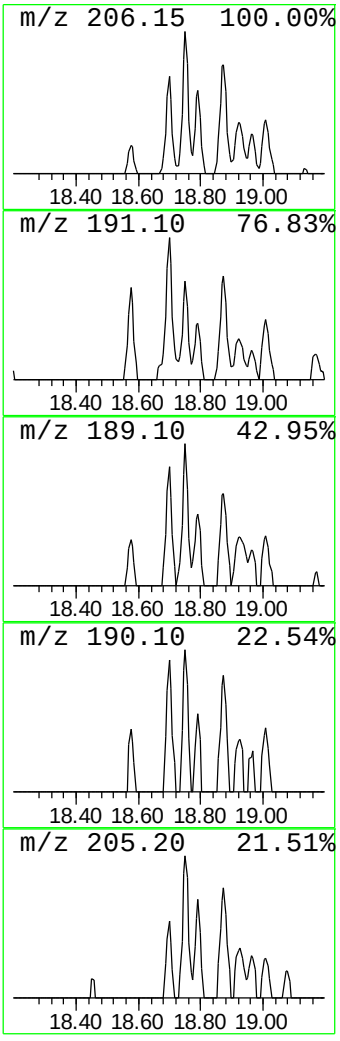
****

Peak Number 3 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.04 ng/ul	35418	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012316\
Data File : BM004121.D
Acq On : 22 Jan 2016 21:49
Operator : SJ/UM
Sample : H1174-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9K0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

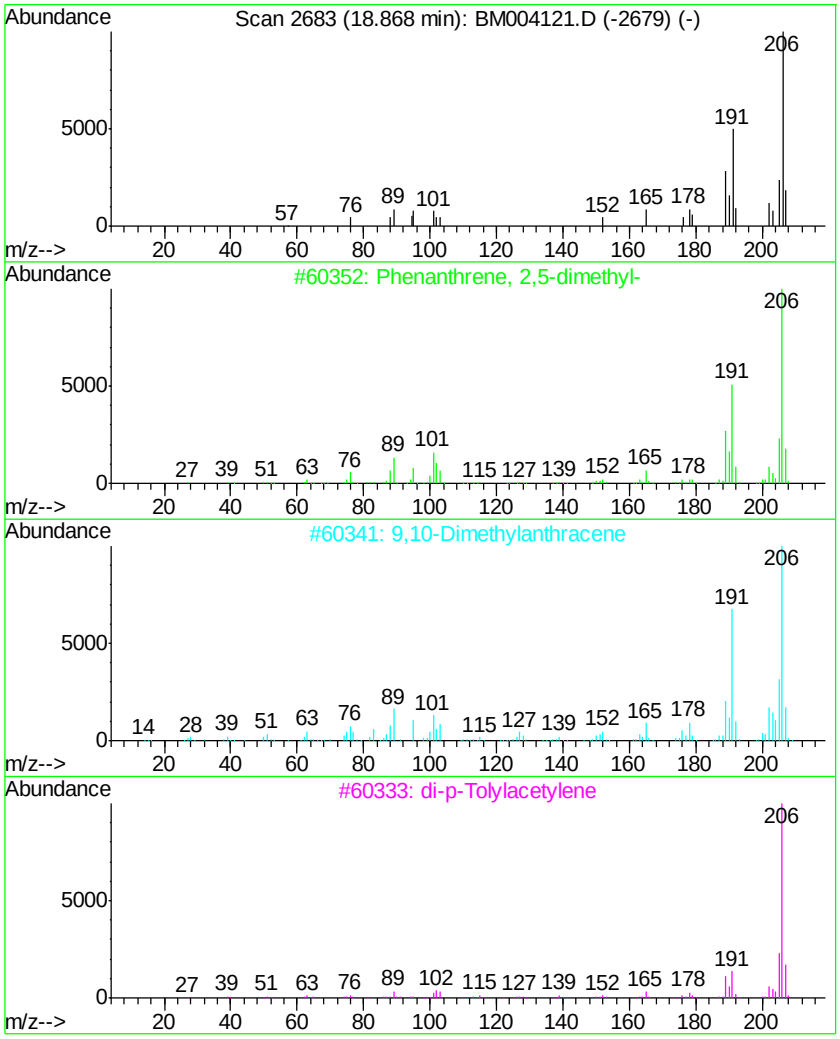
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

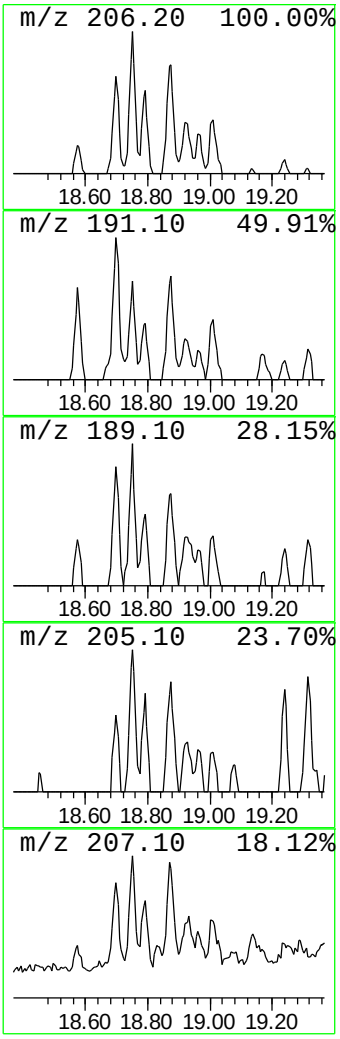
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.10 ng/ul	36362	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012316\
Data File : BM004121.D
Acq On : 22 Jan 2016 21:49
Operator : SJ/UM
Sample : H1174-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9K0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.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...	17.94	3.3	ng/ul	57089	4	17.07	347113	20.0
Phenanthrene, 3,6...	18.70	2.0	ng/ul	35418	4	17.07	347113	20.0
Phenanthrene, 2,5...	18.87	2.1	ng/ul	36362	4	17.07	347113	20.0