LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012854.D
Acq On : 09 Nov 2017 15:46
Operator : SJ/JU
Sample : I6032-02DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-31(5-5.5)-101817DL

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-BM110417MA.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	4.016	152	158	168	rVB	70934	96617	3.28%	0.351%
2	5.452	396	402	412	rVB2	40250	81621	2.77%	0.296%
3	5.816	459	464	469	rVB	36828	51025	1.73%	0.185%
4	6.981	658	662	667	rVB	28996	43143	1.47%	0.157%
5	7.134	681	688	694	rBV	33052	51467	1.75%	0.187%
6	7.334	716	722	731	rVB	45528	72402	2.46%	0.263%
7	7.416	731	736	740	rBV	40391	66569	2.26%	0.242%
8	7.798	791	801	809	rBV	435955	681009	23.13%	2.471%
9	8.510	918	922	933	rBV	43723	81754	2.78%	0.297%
10	8.957	993	998	1004	rBV2	37995	68440	2.32%	0.248%
11	9.016	1004	1008	1016	rVB	38958	58338	1.98%	0.212%
12	9.675	1115	1120	1131	rVB2	32090	61506	2.09%	0.223%
13	10.222	1208	1213	1221	rBV	46256	82084	2.79%	0.298%
14	10.587	1265	1275	1281	rBV	585884	989120	33.60%	3.589%
15	10.639	1281	1284	1289	rVB	25030	38054	1.29%	0.138%
16	10.739	1295	1301	1306	rBV3	24027	42773	1.45%	0.155%
17	13.845	1824	1829	1834	rVV	110159	144769	4.92%	0.525%
18	13.898	1834	1838	1845	rVB	25232	38750	1.32%	0.141%
19	14.127	1872	1877	1887	rBV	121189	186671	6.34%	0.677%
20	14.280	1898	1903	1909	rBV7	13282	32276	1.10%	0.117%
21	14.439	1923	1930	1936	rBV2	886305	1346816	45.75%	4.887%
22	14.504	1936	1941	1948	rVB	63089	97477	3.31%	0.354%
23	14.839	1991	1998	2005	rBV	52201	84841	2.88%	0.308%
24	15.433	2090	2099	2104	rBV2	171116	247072	8.39%	0.896%
25	15.486	2104	2108	2118	rVB	74475	111166	3.78%	0.403%
26	15.786	2154	2159	2164	rVB	29511	43706	1.48%	0.159%
27	15.927	2179	2183	2191	rVB2	33612	59224	2.01%	0.215%
28	16.163	2215	2223	2228	rBV8	14696	33189	1.13%	0.120%
29	16.721	2311	2318	2321	rBV4	20205	37475	1.27%	0.136%
30	16.845	2334	2339	2345	rVB	55129	85793	2.91%	0.311%
31	16.916	2345	2351	2352	rBV2	24444	30305	1.03%	0.110%
32	16.939	2352	2355	2359	rVV3	35030	46618	1.58%	0.169%
33	17.004	2359	2366	2374	rVB	97086	152834	5.19%	0.555%
34	17.186	2391	2397	2400	rBV2	1146230	1596963	54.25%	5.794%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012854.D
Acq On : 09 Nov 2017 15:46
Operator : SJ/JU
Sample : I6032-02DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-31(5-5.5)-101817DL

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-BM110417MA.M
Title : SVOA CALIBRATION

35	17.227	2400	2404	2409	rVV	1746579	2416905	82.10%	8.769%
36	17.286	2409	2414	2416	rVV	194043	286529	9.73%	1.040%
37	17.316	2416	2419	2425	rVB	358123	515777	17.52%	1.871%
38	17.592	2459	2466	2470	rBV	75620	120628	4.10%	0.438%
39	17.768	2491	2496	2505	rVB6	26324	48722	1.66%	0.177%
40	18.063	2541	2546	2550	rBV	151765	267134	9.07%	0.969%
41	18.110	2550	2554	2558	rVB	210691	283572	9.63%	1.029%
42	18.192	2563	2568	2572	rVV	74359	105006	3.57%	0.381%
43	18.257	2573	2579	2583	rVV2	179241	336514	11.43%	1.221%
44	18.292	2583	2585	2589	rVB	96347	106610	3.62%	0.387%
45	18.557	2626	2630	2635	rBV	126357	166592	5.66%	0.604%
46	18.610	2635	2639	2644	rBV	84806	109665	3.73%	0.398%
47	18.804	2667	2672	2677	rBV2	79337	116225	3.95%	0.422%
48	18.862	2679	2682	2684	rVV	36711	38940	1.32%	0.141%
49	18.980	2697	2702	2705	rBV	69304	119645	4.06%	0.434%
50	19.127	2722	2727	2733	rVB2	84045	133261	4.53%	0.483%
51	19.245	2741	2747	2752	rBV	2223424	2938045	99.80%	10.660%
52	19.298	2752	2756	2760	rVB2	67093	93715	3.18%	0.340%
53	19.351	2761	2765	2770	rVV3	57950	97086	3.30%	0.352%
54	19.486	2785	2788	2793	rVB	55480	77300	2.63%	0.280%
55	19.580	2798	2804	2805	rBV2	521944	708549	24.07%	2.571%
56	19.609	2805	2809	2817	rVB	1676495	2243633	76.21%	8.140%
57	19.680	2817	2821	2826	rBV2	76728	123950	4.21%	0.450%
58	19.786	2835	2839	2843	rBV	95210	127627	4.34%	0.463%
59	19.933	2859	2864	2870	rBV3	82503	196015	6.66%	0.711%
60	20.104	2889	2893	2898	rVB	155460	238375	8.10%	0.865%
61	20.204	2906	2910	2913	rBV2	98377	117822	4.00%	0.427%
62	20.262	2913	2920	2924	rVV2	103092	218594	7.43%	0.793%
63	20.398	2941	2943	2947	rBV	47417	58947	2.00%	0.214%
64	20.851	3017	3020	3025	rBV	143664	197767	6.72%	0.718%
65	21.015	3045	3048	3051	rVB2	127635	145201	4.93%	0.527%
66	21.051	3051	3054	3058	rBV	130215	171804	5.84%	0.623%
67	21.368	3101	3108	3111	rBV2	1561954	2943844	100.00%	10.681%
68	21.403	3111	3114	3119	rVB	770301	916702	31.14%	3.326%
69	22.968	3375	3380	3385	rBV	528711	1150685	39.09%	4.175%
70	23.456	3459	3463	3467	rVB	253915	395084	13.42%	1.433%
71	23.550	3475	3479	3487	rVB	448436	836856	28.43%	3.036%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012854.D
Acq On : 09 Nov 2017 15:46
Operator : SJ/JU
Sample : I6032-02DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-31(5-5.5)-101817DL

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-BM110417MA.M
Title : SVOA CALIBRATION

72	23.650	3491	3496	3502	rVV	822609	1450725	49.28%	5.264%

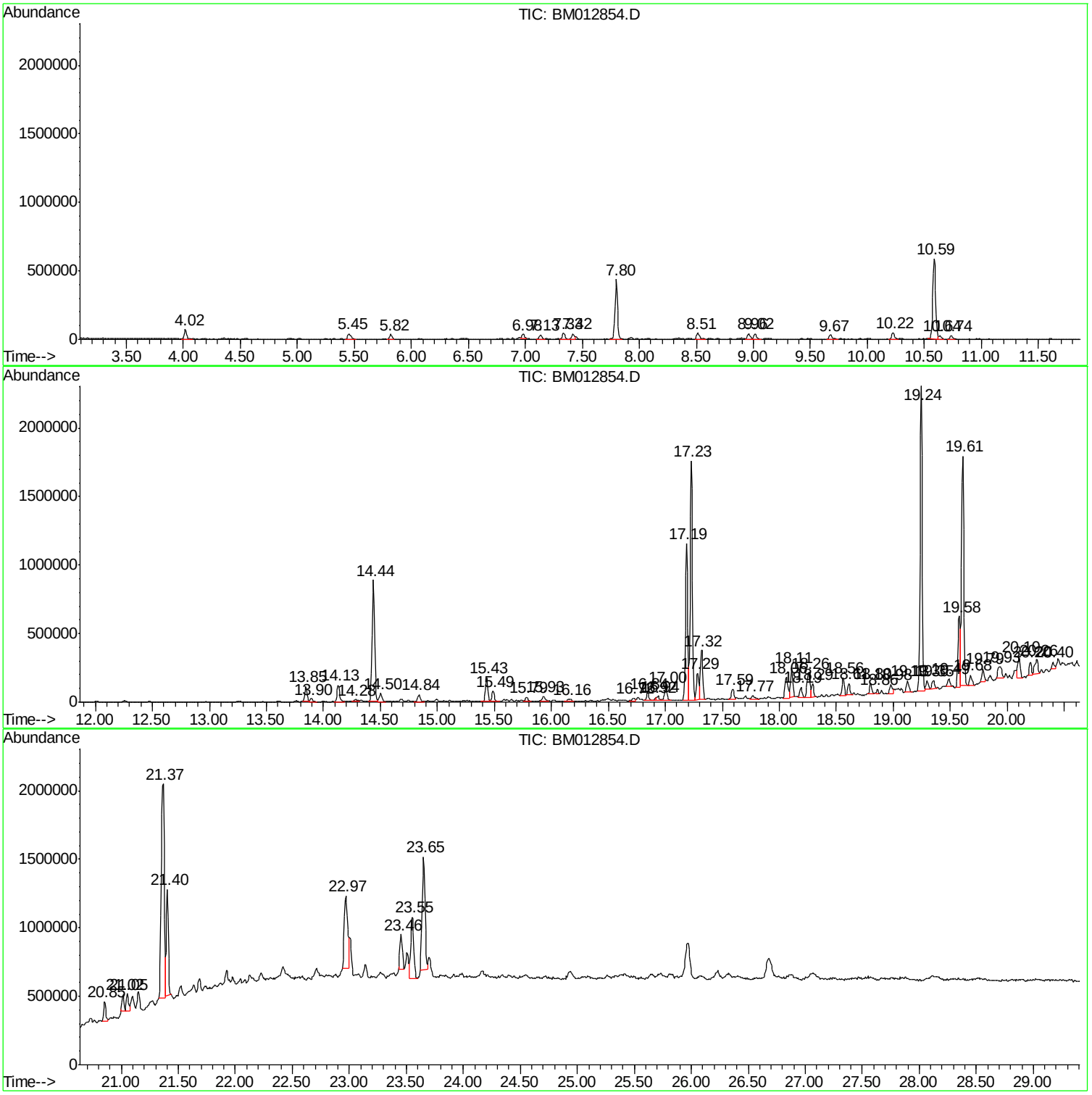
Sum of corrected areas: 27561918

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012854.D
Acq On : 09 Nov 2017 15:46
Operator : SJ/JU
Sample : I6032-02DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-31(5-5.5)-101817DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012854.D
Acq On : 09 Nov 2017 15:46
Operator : SJ/JU
Sample : I6032-02DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-31(5-5.5)-101817DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

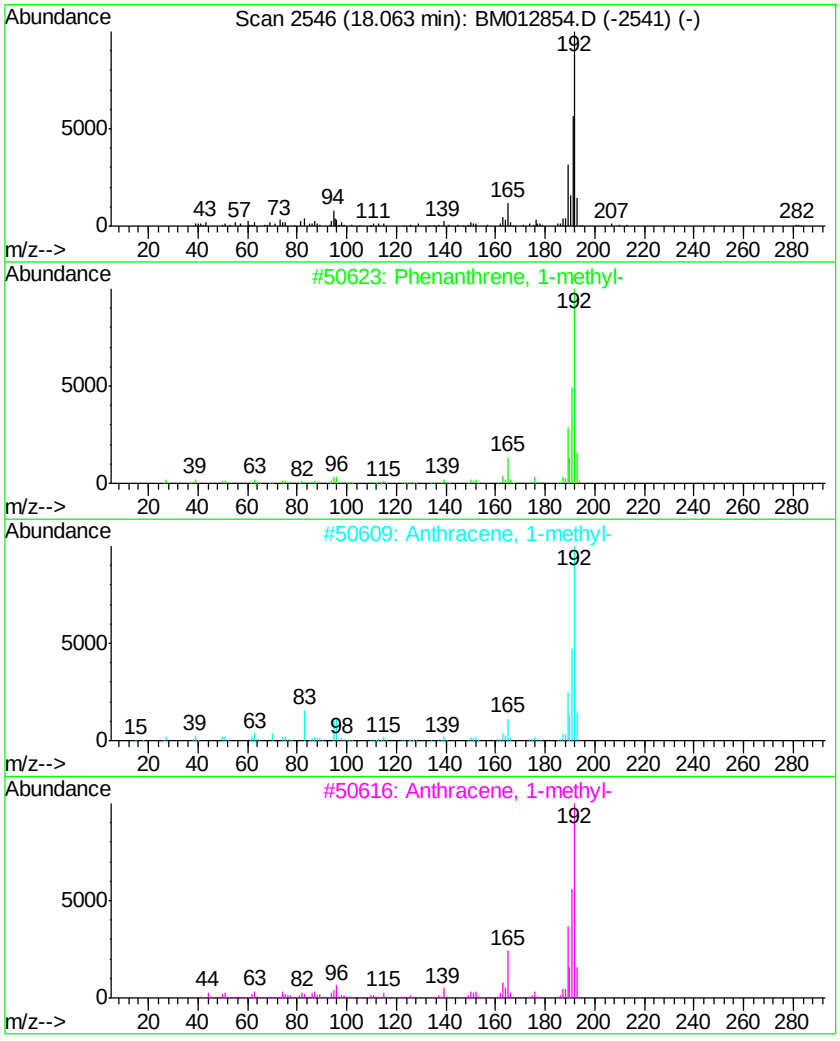
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

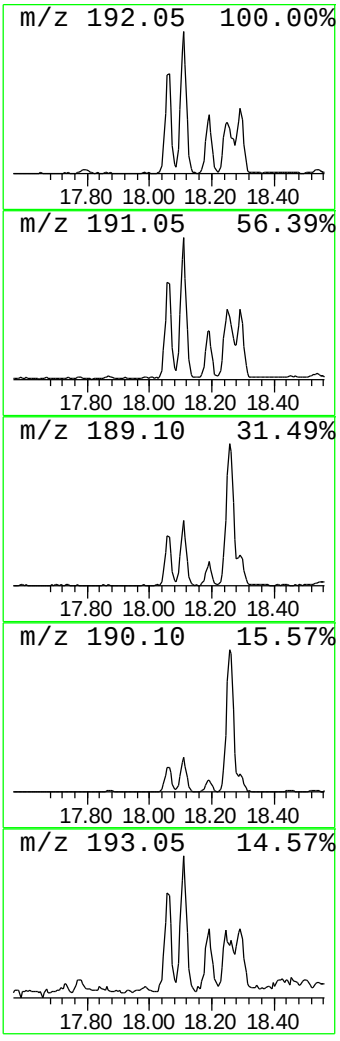
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.35 ng/ul	267134	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012854.D
Acq On : 09 Nov 2017 15:46
Operator : SJ/JU
Sample : I6032-02DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-31(5-5.5)-101817DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

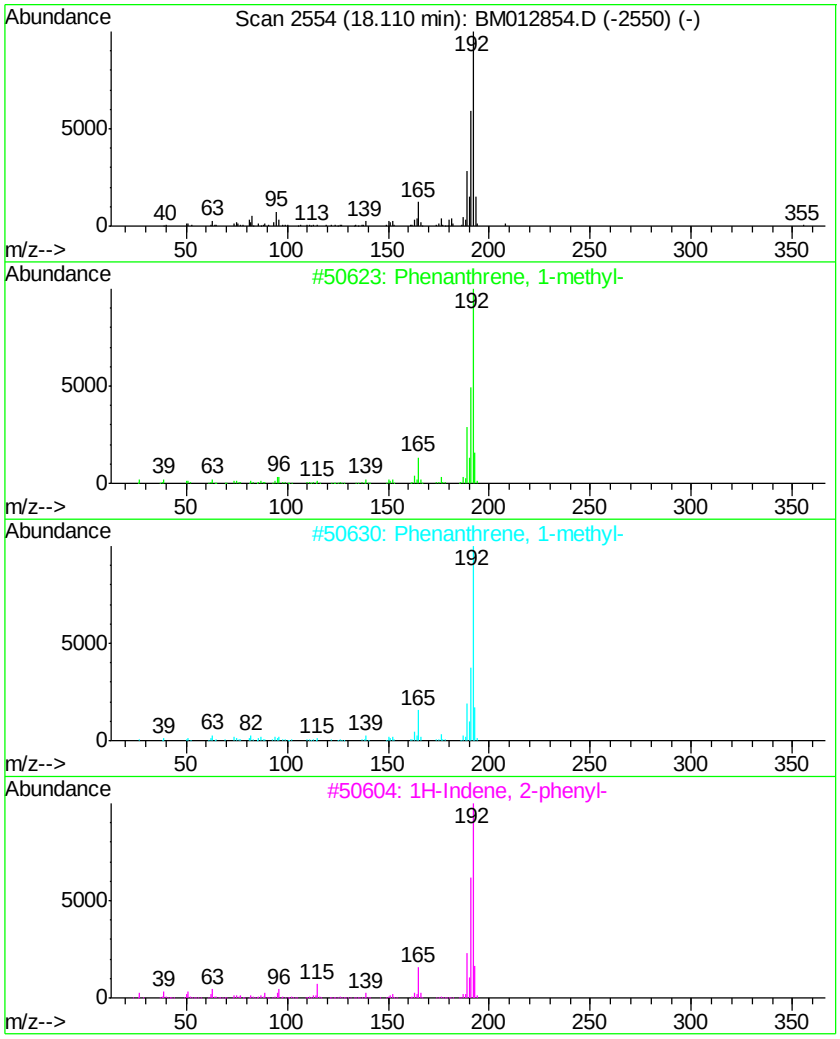
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

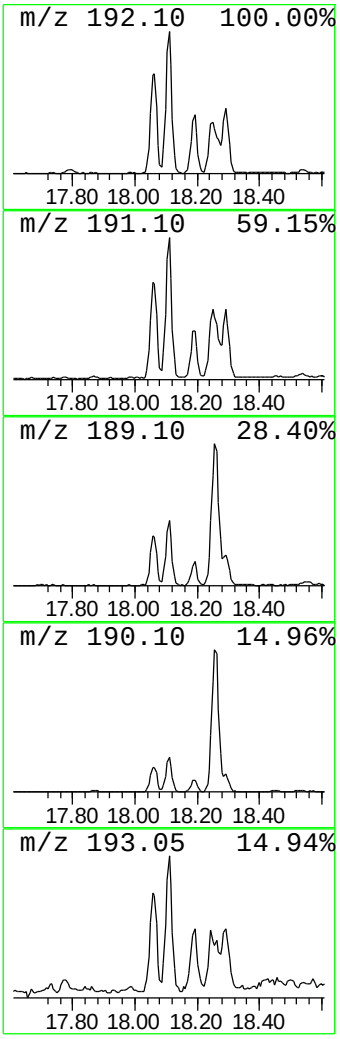
****

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	3.55 ng/ul	283572	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012854.D
Acq On : 09 Nov 2017 15:46
Operator : SJ/JU
Sample : I6032-02DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-31(5-5.5)-101817DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

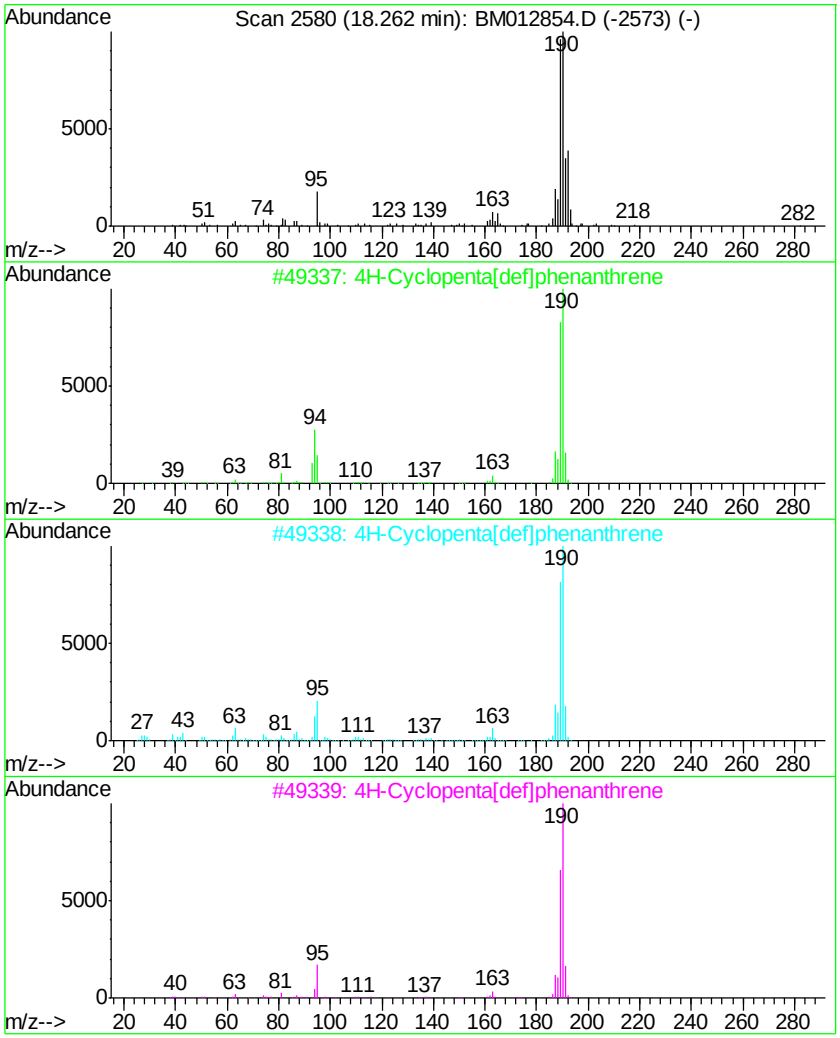
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

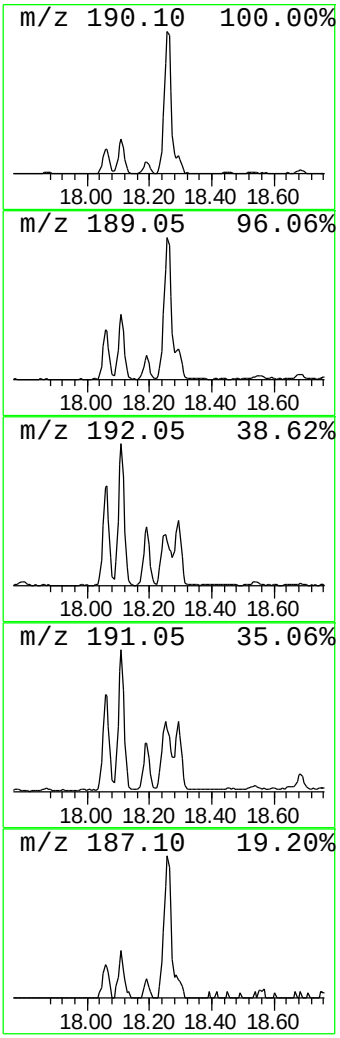
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	4.21 ng/ul	336514	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012854.D
Acq On : 09 Nov 2017 15:46
Operator : SJ/JU
Sample : I6032-02DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-31(5-5.5)-101817DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

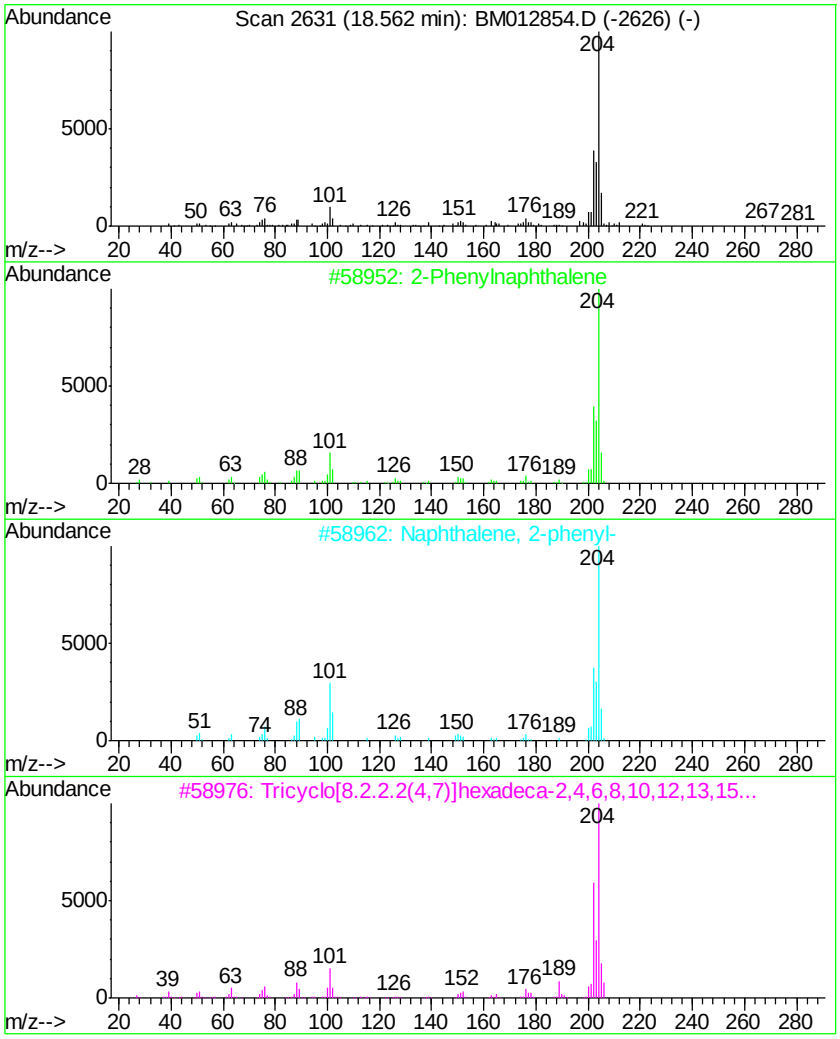
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

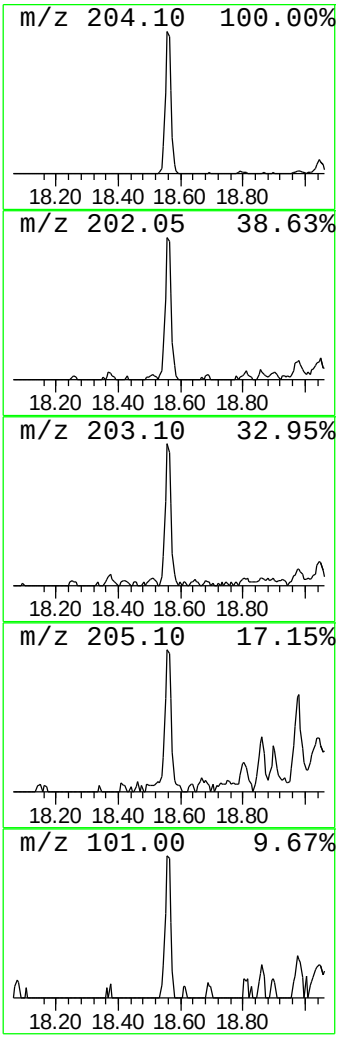
****

Peak Number 6 2-Phenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.09 ng/ul	166592	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012854.D
Acq On : 09 Nov 2017 15:46
Operator : SJ/JU
Sample : I6032-02DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-31(5-5.5)-101817DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.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...	18.06	3.4	ng/ul	267134	4	17.19	1596960	20.0
1H-Indene, 2-phenyl-	18.11	3.5	ng/ul	283572	4	17.19	1596960	20.0
4H-Cyclopenta[def...	18.26	4.2	ng/ul	336514	4	17.19	1596960	20.0
2-Phenylnaphthalene	18.56	2.1	ng/ul	166592	4	17.19	1596960	20.0