LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-29(1-3)-092917DL

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-BM101217.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	3.781	113	118	127	rBV	45682	69709	1.24%	0.169%
2	5.463	398	404	412	rBV	64511	133894	2.39%	0.325%
3	5.834	461	467	474	rVB4	33760	64617	1.15%	0.157%
4	7.016	663	668	680	rVB	111005	246397	4.39%	0.598%
5	7.169	688	694	700	rBV	89630	149334	2.66%	0.362%
6	7.369	723	728	736	rBV	134251	229707	4.09%	0.557%
7	7.475	743	746	753	rVB	38556	56541	1.01%	0.137%
8	7.840	802	808	822	rVB	762578	1321830	23.56%	3.205%
9	8.098	845	852	862	rVB	429709	734344	13.09%	1.781%
10	8.557	923	930	939	rBV2	140861	279631	4.98%	0.678%
11	8.934	982	994	1000	rBV3	31944	78437	1.40%	0.190%
12	9.016	1000	1008	1010	rBV	131290	256353	4.57%	0.622%
13	9.151	1024	1031	1039	rBV	43156	97441	1.74%	0.236%
14	9.310	1054	1058	1065	rVB	62295	99610	1.78%	0.242%
15	9.734	1123	1130	1138	rVB3	102671	209204	3.73%	0.507%
16	10.275	1216	1222	1229	rBV2	156283	333066	5.94%	0.808%
17	10.351	1229	1235	1241	rVB2	72787	146856	2.62%	0.356%
18	10.645	1278	1285	1292	rBV	1095628	1892055	33.73%	4.588%
19	10.792	1303	1310	1323	rBV2	87219	232279	4.14%	0.563%
20	13.057	1690	1695	1701	rBV3	60886	96004	1.71%	0.233%
21	13.192	1712	1718	1724	rBV	73790	121912	2.17%	0.296%
22	13.369	1744	1748	1757	rBV7	31532	70509	1.26%	0.171%
23	13.892	1828	1837	1842	rBV	352454	556479	9.92%	1.349%
24	13.939	1842	1845	1853	rVB	160876	240572	4.29%	0.583%
25	14.186	1879	1887	1895	rBV	396076	631107	11.25%	1.530%
26	14.363	1911	1917	1926	rVB3	55064	104893	1.87%	0.254%
27	14.492	1933	1939	1946	rBV2	1707218	2629949	46.88%	6.378%
28	14.557	1946	1950	1956	rVB	121569	191552	3.41%	0.465%
29	14.810	1989	1993	1999	rVB6	38200	67668	1.21%	0.164%
30	14.892	2004	2007	2011	rBV	45623	69890	1.25%	0.169%
31	15.316	2074	2079	2085	rVB3	91597	140298	2.50%	0.340%
32	15.486	2102	2108	2113	rBV	545552	817306	14.57%	1.982%
33	15.539	2113	2117	2124	rVB2	109888	171628	3.06%	0.416%
34	15.657	2131	2137	2142	rBV	444983	684403	12.20%	1.660%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-29(1-3)-092917DL

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-BM101217.M
Title : SVOA CALIBRATION

35	15.874	2171	2174	2182	rVB6	68283	98145	1.75%	0.238%
36	15.980	2189	2192	2198	rBV6	26915	61173	1.09%	0.148%
37	16.180	2222	2226	2235	rBV	64839	138547	2.47%	0.336%
38	16.968	2356	2360	2362	rBV	64645	88717	1.58%	0.215%
39	17.063	2372	2376	2383	rVB	61529	93270	1.66%	0.226%
40	17.239	2400	2406	2410	rBV2	2163909	3222474	57.44%	7.814%
41	17.280	2410	2413	2418	rVV	1194951	1640034	29.24%	3.977%
42	17.339	2418	2423	2426	rVV	559330	807746	14.40%	1.959%
43	17.374	2426	2429	2437	rVB	280148	402540	7.18%	0.976%
44	17.651	2473	2476	2482	rVB	53889	81301	1.45%	0.197%
45	18.115	2550	2555	2559	rBV	376645	559165	9.97%	1.356%
46	18.162	2559	2563	2572	rVB2	201565	333568	5.95%	0.809%
47	18.245	2575	2577	2582	rVB	71360	87315	1.56%	0.212%
48	18.315	2583	2589	2592	rBV2	249908	435008	7.75%	1.055%
49	18.615	2636	2640	2643	rBV	99681	134921	2.41%	0.327%
50	18.845	2676	2679	2686	rVB2	111048	175113	3.12%	0.425%
51	19.298	2751	2756	2761	rBV	2902961	3926940	70.00%	9.523%
52	19.392	2769	2772	2777	rBV2	237351	329286	5.87%	0.799%
53	19.633	2808	2813	2815	rBV2	1143064	1655737	29.52%	4.015%
54	19.662	2815	2818	2826	rVB	2399715	3172056	56.54%	7.692%
55	20.156	2899	2902	2908	rVB	538918	694723	12.38%	1.685%
56	20.256	2915	2919	2922	rBV	508463	696084	12.41%	1.688%
57	21.415	3110	3116	3120	rBV2	2819960	5609801	100.00%	13.604%
58	21.456	3120	3123	3132	rVB	1579153	2054222	36.62%	4.981%
59	23.045	3390	3393	3398	rBV	792989	1514553	27.00%	3.673%

Sum of corrected areas: 41237914

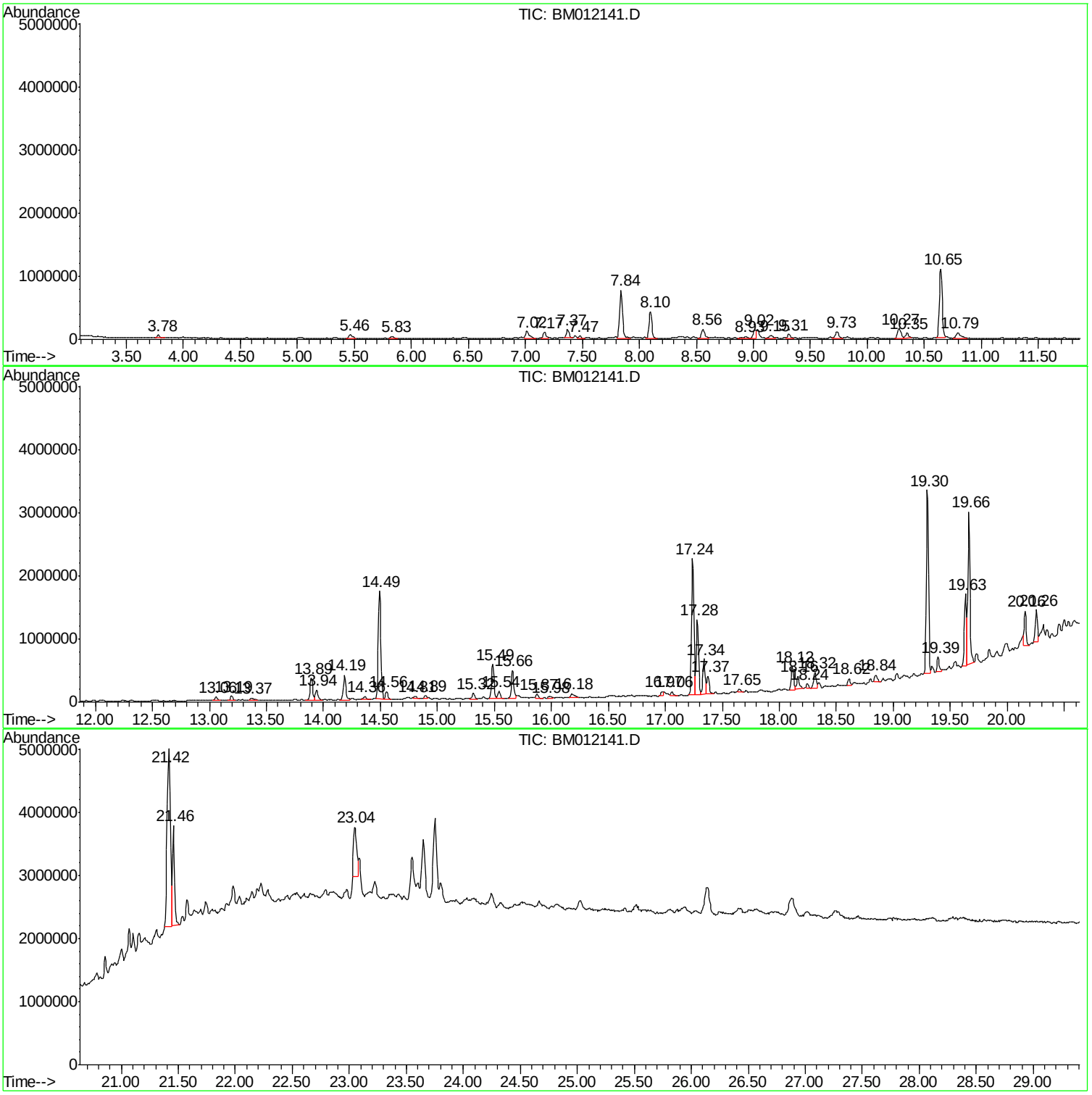
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-29(1-3)-092917DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-29(1-3)-092917DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

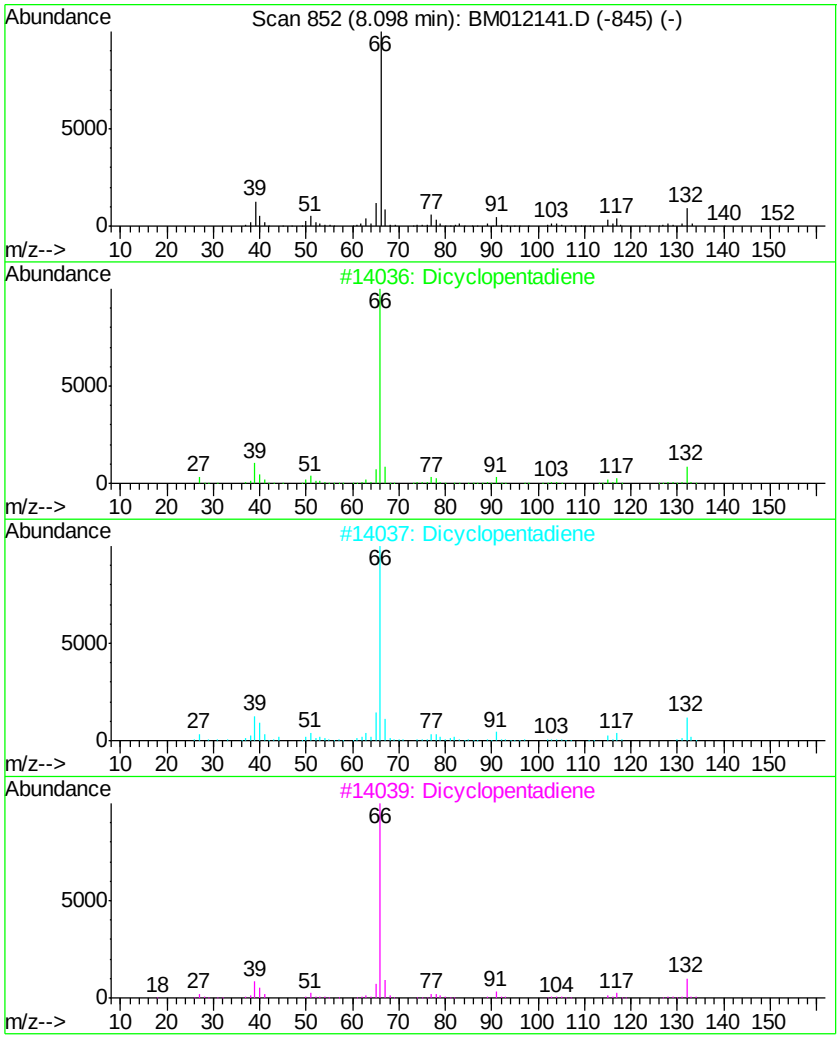
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

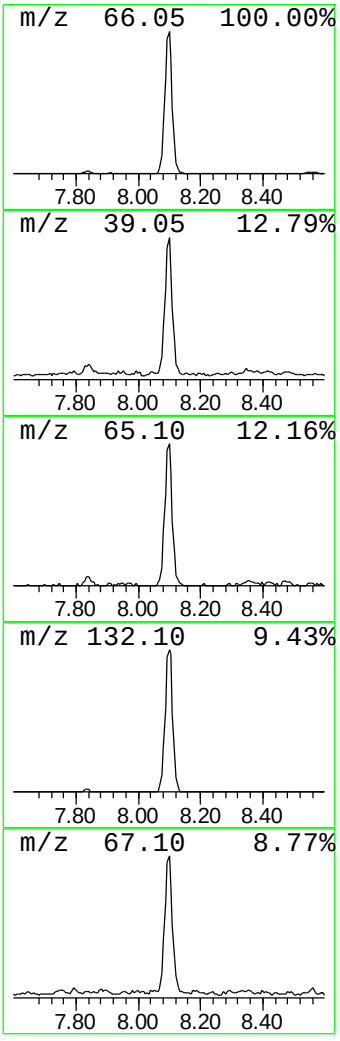
****

Peak Number 2 Dicyclopentadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	11.11 ng/ul	734344	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	91
2	Dicyclopentadiene	132	C10H12	000077-73-6	91
3	Dicyclopentadiene	132	C10H12	000077-73-6	90
4	1,2,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-86-4	83
5	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-29(1-3)-092917DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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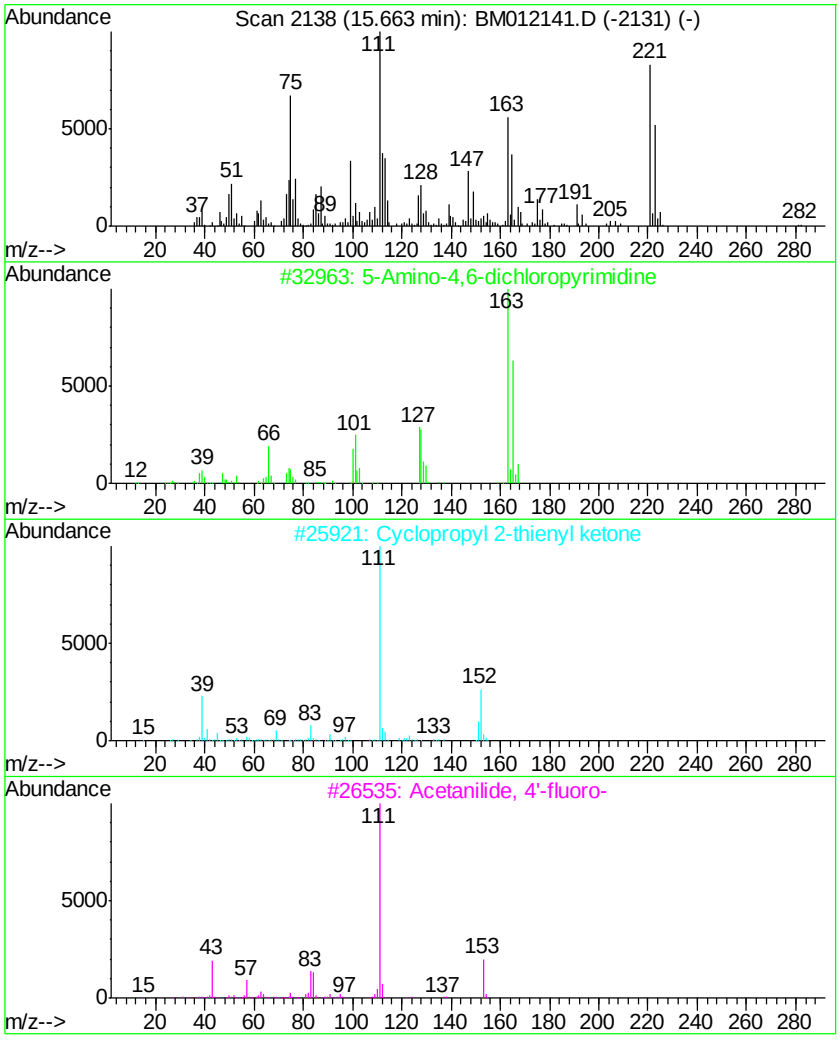
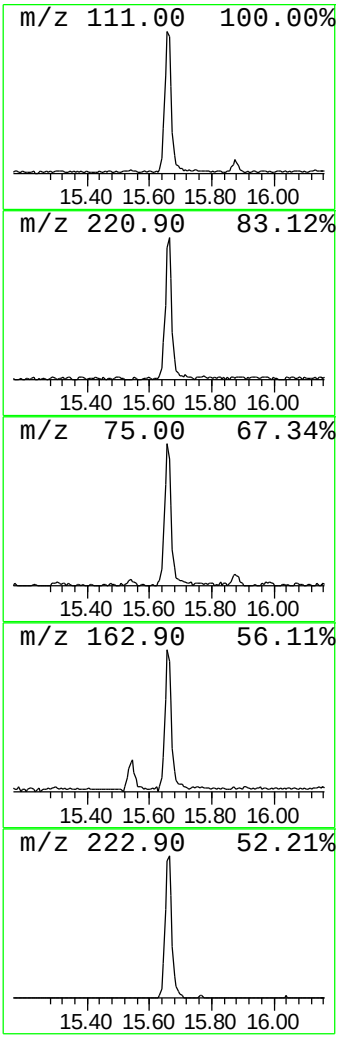
Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.20 ng/ul	684403	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-4,6-dichloropyrimidine	163	C4H3Cl2N3	005413-85-4	25
2	Cyclopropyl 2-thienyl ketone	152	C8H8OS	006193-47-1	11
3	Acetanilide, 4'-fluoro-	153	C8H8FNO	000351-83-7	11
4	Cyclopentanecarboxamide, N-(4-fl...	207	C12H14FNO	1000307-02-4	10
5	4-(m-Nitrophenyl)-2-thiazolamine	221	C9H7N3O2S	057493-24-0	10





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-29(1-3)-092917DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

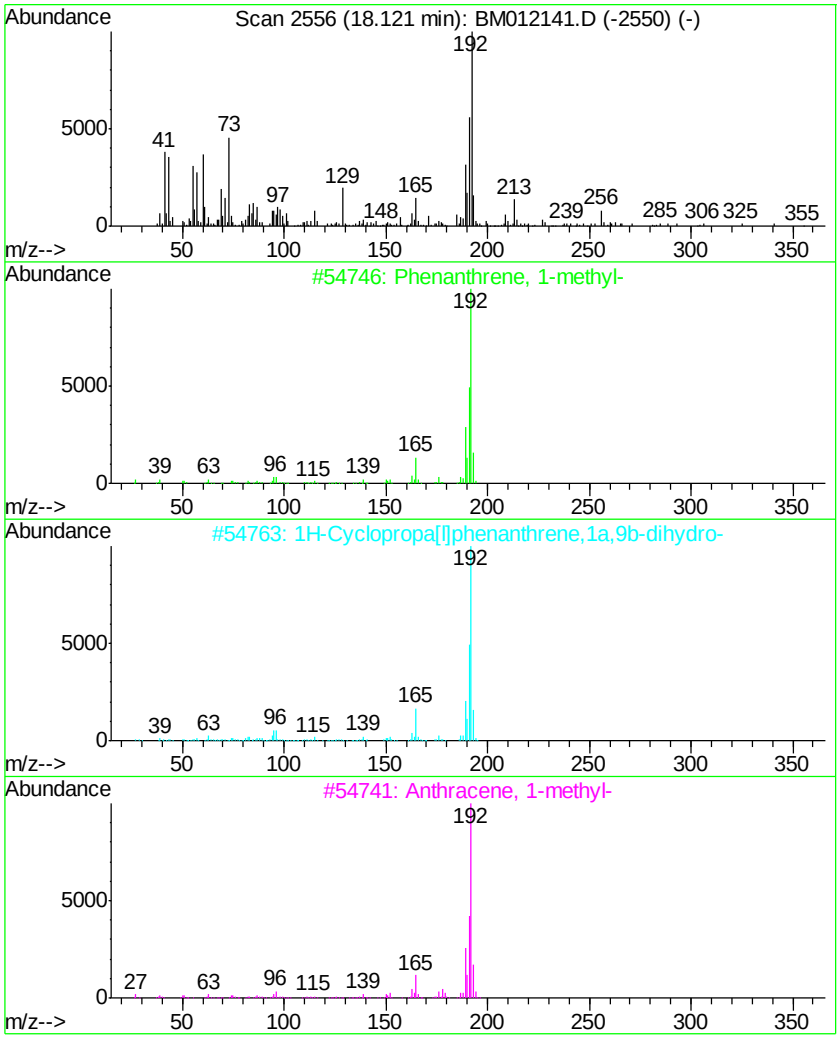
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

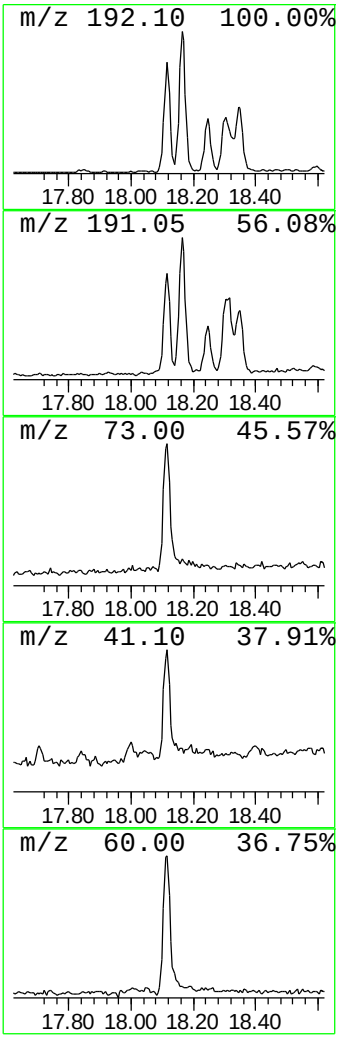
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.47 ng/ul	559165	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-29(1-3)-092917DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

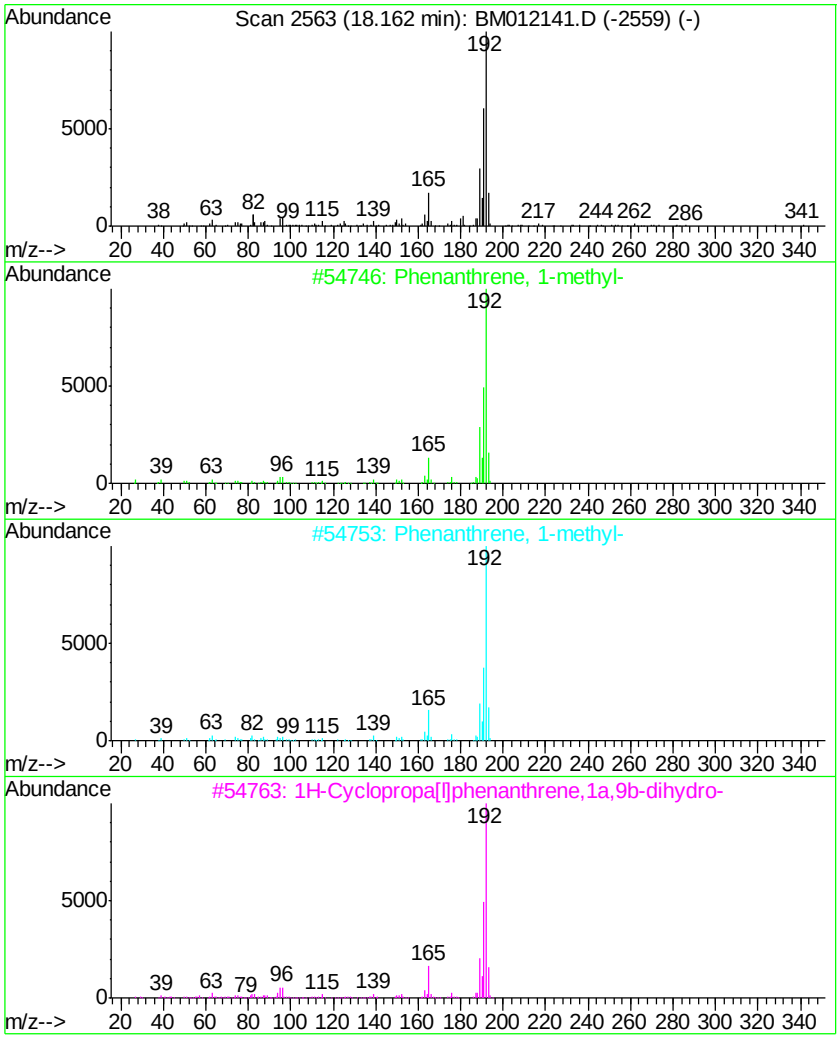
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

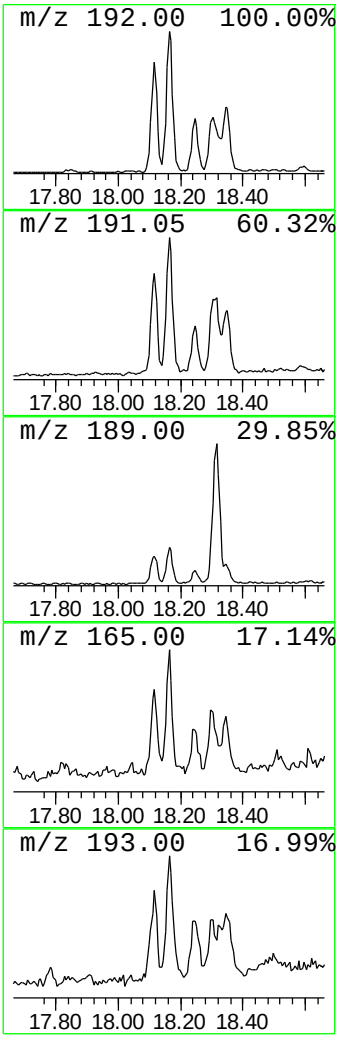
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.07 ng/ul	333568	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-29(1-3)-092917DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

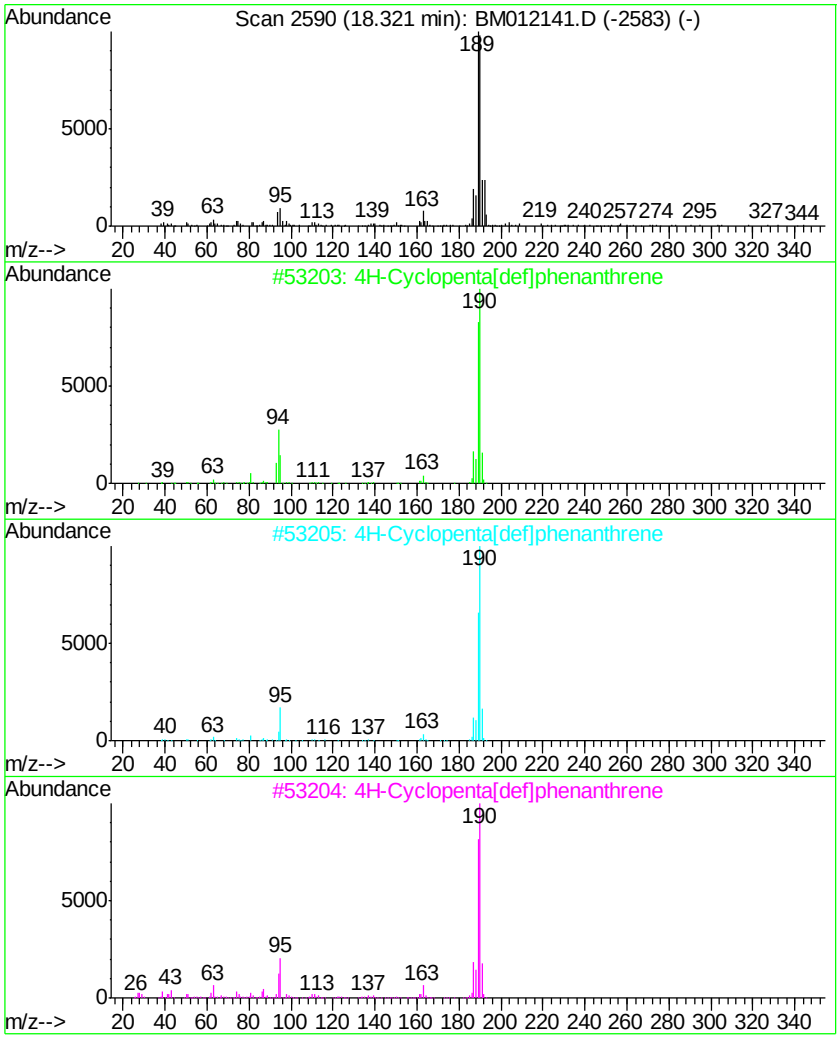
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

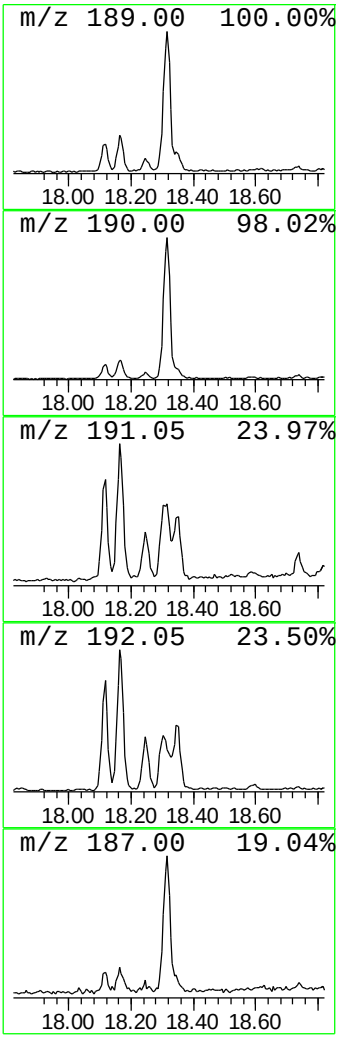
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.70 ng/ul	435008	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-29(1-3)-092917DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

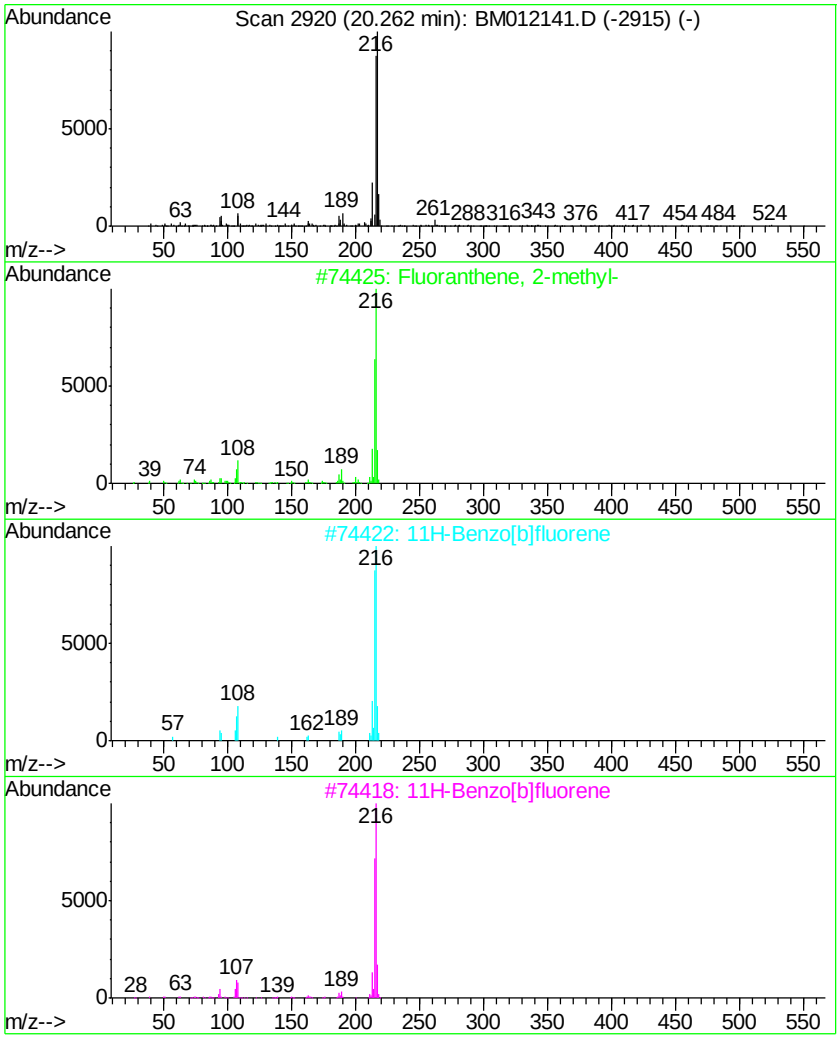
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

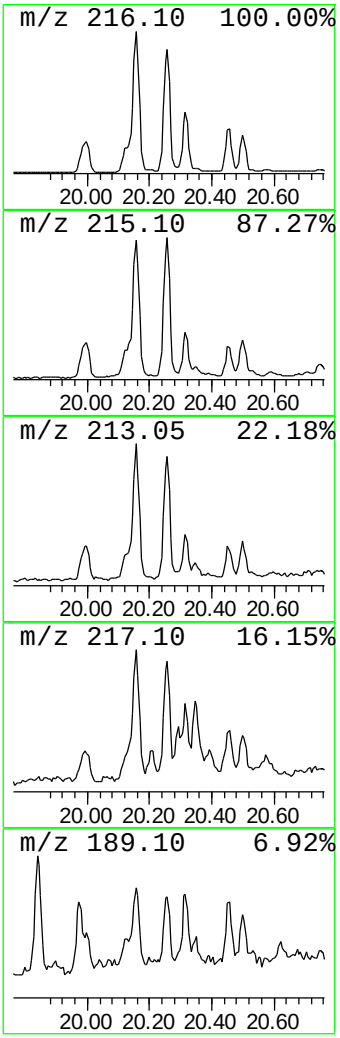
****

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.48 ng/ul	696084	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-29(1-3)-092917DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
Dicyclopentadiene	8.10	11.1	ng/ul	734344	1	7.84	1321830	20.0
unknown-01	15.66	5.2	ng/ul	684403	3	14.49	2629950	20.0
Phenanthrene, 1-m...	18.12	3.5	ng/ul	559165	4	17.24	3222470	20.0
1H-Cyclopropa[l]p...	18.16	2.1	ng/ul	333568	4	17.24	3222470	20.0
4H-Cyclopenta[def...	18.32	2.7	ng/ul	435008	4	17.24	3222470	20.0
Fluoranthene, 2-m...	20.26	2.5	ng/ul	696084	5	21.42	5609800	20.0