LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012137.D
Acq On : 13 Oct 2017 15:06
Operator : SJ/JU
Sample : I5533-03DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817DL

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	7.016	662	668	679	rBV	114556	233519	3.72%	0.649%
2	7.169	688	694	702	rBV	86405	147399	2.35%	0.410%
3	7.375	723	729	738	rBV	137338	236021	3.76%	0.656%
4	7.840	801	808	817	rBV	608047	1032537	16.45%	2.870%
5	8.563	923	931	943	rBV	141739	293604	4.68%	0.816%
6	9.016	1002	1008	1018	rBV	117411	227111	3.62%	0.631%
7	9.739	1125	1131	1141	rBV	101635	204394	3.26%	0.568%
8	10.281	1217	1223	1233	rBV	141456	299177	4.77%	0.831%
9	10.645	1278	1285	1293	rBV	854833	1520915	24.23%	4.227%
10	10.804	1305	1312	1324	rBV3	31880	90141	1.44%	0.251%
11	13.898	1829	1838	1843	rBV	331930	498426	7.94%	1.385%
12	13.945	1843	1846	1853	rVB	55826	78735	1.25%	0.219%
13	14.192	1881	1888	1892	rBV	369417	643589	10.26%	1.789%
14	14.357	1908	1916	1925	rBV4	27703	75273	1.20%	0.209%
15	14.498	1928	1940	1948	rBV2	1382251	2152285	34.29%	5.981%
16	14.739	1977	1981	1988	rBV3	42638	91520	1.46%	0.254%
17	14.892	2001	2007	2011	rBV3	42752	80928	1.29%	0.225%
18	15.169	2050	2054	2060	rBV4	39674	66864	1.07%	0.186%
19	15.486	2099	2108	2114	rBV	490007	753939	12.01%	2.095%
20	15.545	2114	2118	2126	rVB5	39745	94863	1.51%	0.264%
21	15.839	2163	2168	2173	rVB	38410	66908	1.07%	0.186%
22	15.986	2188	2193	2202	rBV	46990	90059	1.44%	0.250%
23	16.774	2322	2327	2330	rBV2	48872	74447	1.19%	0.207%
24	16.904	2345	2349	2354	rVB2	46302	80959	1.29%	0.225%
25	16.974	2356	2361	2366	rBV2	62687	113363	1.81%	0.315%
26	17.063	2372	2376	2384	rVB	79018	130209	2.07%	0.362%
27	17.245	2401	2407	2411	rBV2	1872963	2745622	43.75%	7.630%
28	17.286	2411	2414	2419	rVV	1256633	1653022	26.34%	4.594%
29	17.345	2419	2424	2427	rVV2	545247	820911	13.08%	2.281%
30	17.380	2427	2430	2434	rVB	294795	392447	6.25%	1.091%
31	17.757	2490	2494	2499	rBV	53074	68908	1.10%	0.192%
32	17.839	2503	2508	2514	rBV4	125494	205029	3.27%	0.570%
33	18.115	2551	2555	2560	rBV	394127	570143	9.08%	1.584%
34	18.168	2560	2564	2573	rVV2	311670	552428	8.80%	1.535%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012137.D
Acq On : 13 Oct 2017 15:06
Operator : SJ/JU
Sample : I5533-03DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817DL

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	18.251	2574	2578	2583	rVV	121367	180728	2.88%	0.502%
36	18.315	2583	2589	2593	rVV3	231190	473015	7.54%	1.315%
37	18.351	2593	2595	2601	rVB2	145711	180785	2.88%	0.502%
38	18.615	2636	2640	2644	rBV	190989	268065	4.27%	0.745%
39	18.668	2647	2649	2656	rVB2	106964	161718	2.58%	0.449%
40	19.033	2708	2711	2715	rBV2	123165	167736	2.67%	0.466%
41	19.186	2734	2737	2743	rVB	181158	244985	3.90%	0.681%
42	19.304	2752	2757	2763	rVB	3081952	4004045	63.80%	11.128%
43	19.392	2769	2772	2778	rBV5	198639	313706	5.00%	0.872%
44	19.639	2809	2814	2816	rBV2	1145785	1841875	29.35%	5.119%
45	19.668	2816	2819	2826	rVB	2722410	3504725	55.84%	9.740%
46	21.421	3111	3117	3121	rBV2	3437723	6275813	100.00%	17.441%
47	21.462	3121	3124	3134	rVB	1407267	1979890	31.55%	5.502%

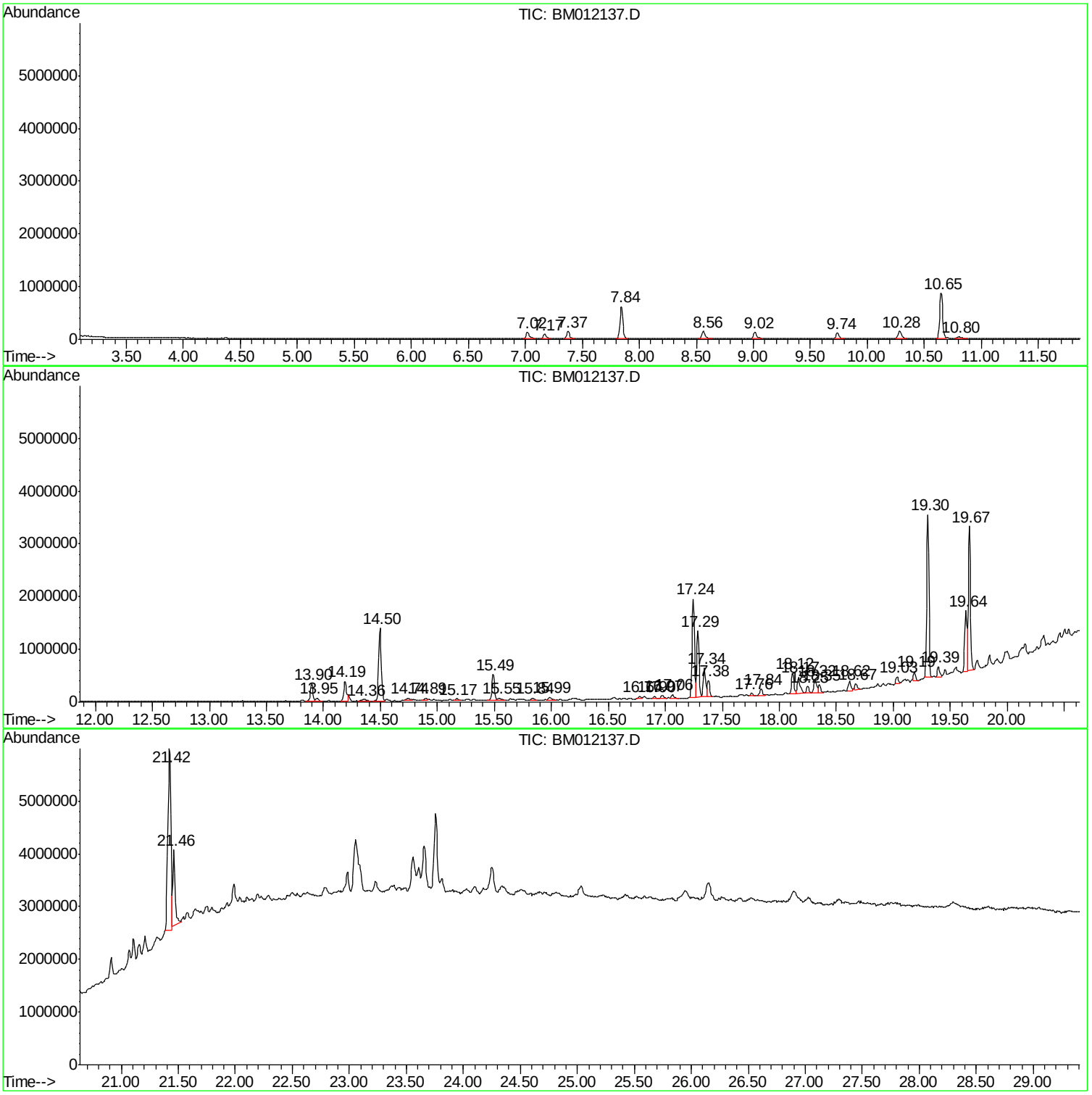
Sum of corrected areas: 35982781

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012137.D
Acq On : 13 Oct 2017 15:06
Operator : SJ/JU
Sample : I5533-03DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-77(0-1)-092817DL

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 : BM012137.D
Acq On : 13 Oct 2017 15:06
Operator : SJ/JU
Sample : I5533-03DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817DL

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

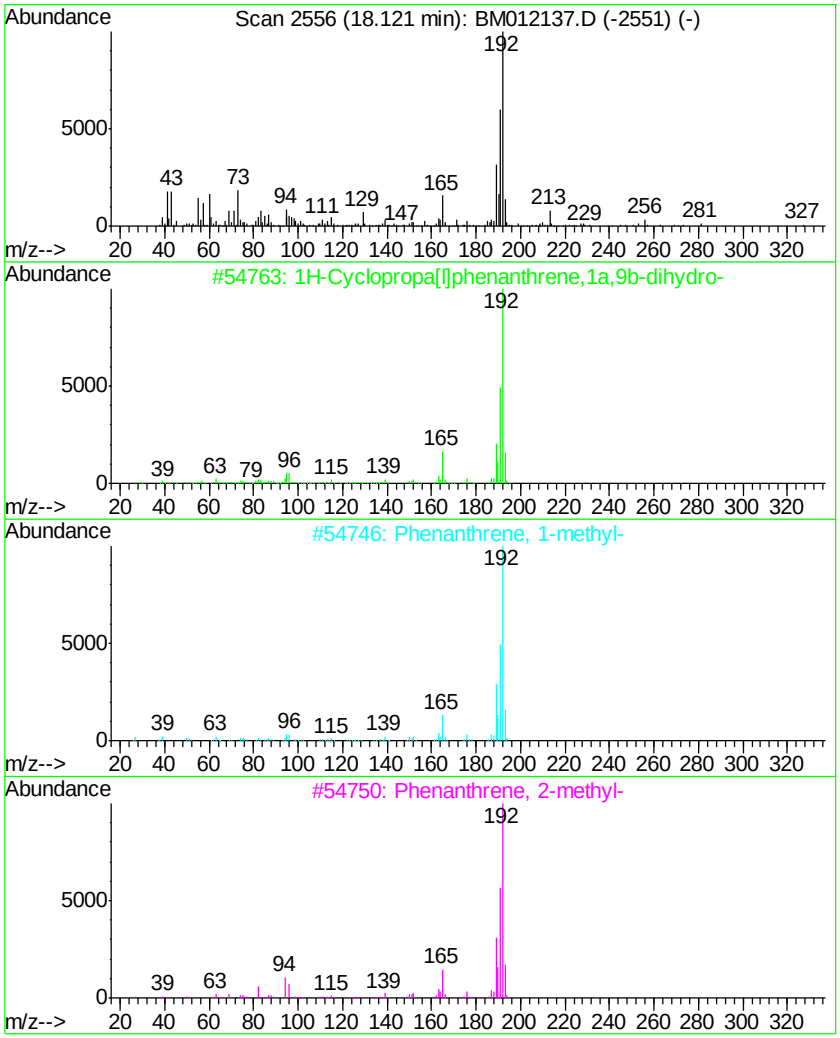
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

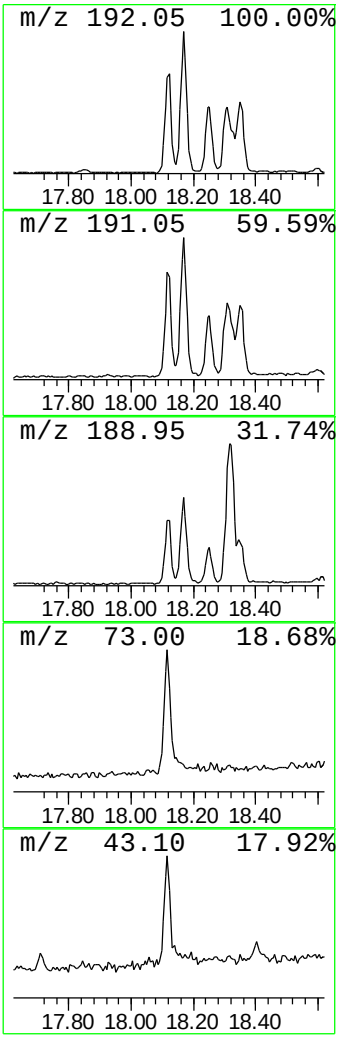
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	4.15 ng/ul	570143	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012137.D
Acq On : 13 Oct 2017 15:06
Operator : SJ/JU
Sample : I5533-03DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817DL

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

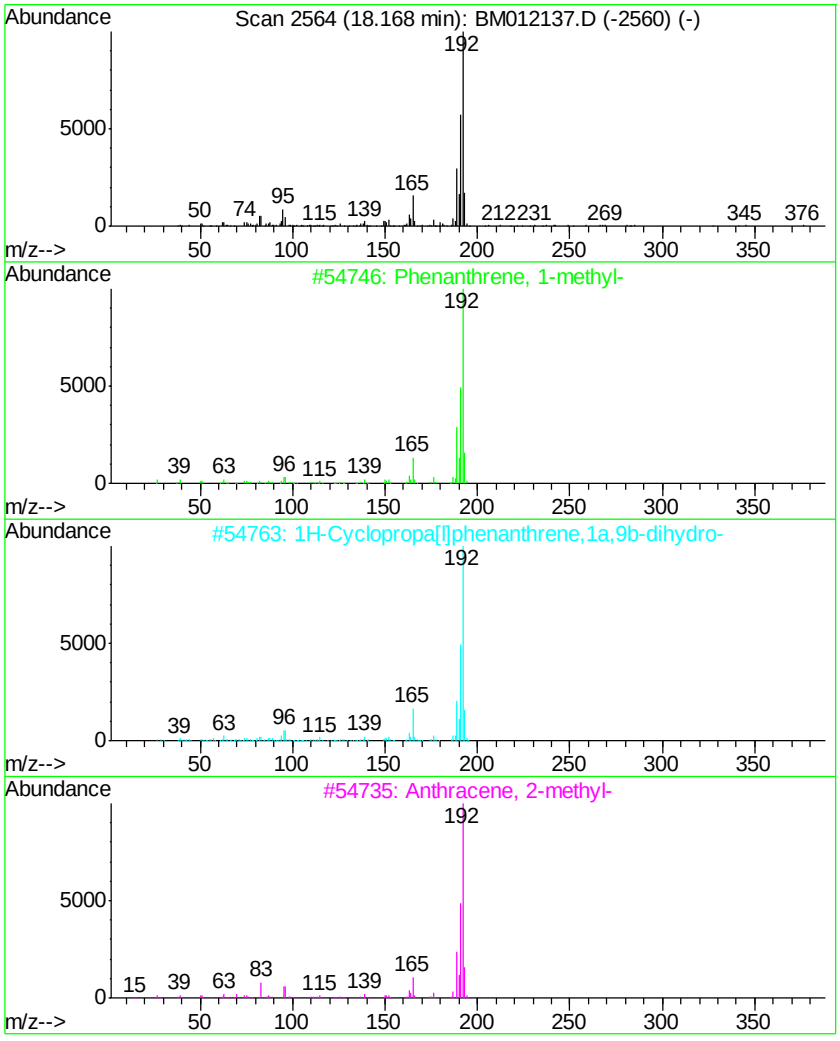
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

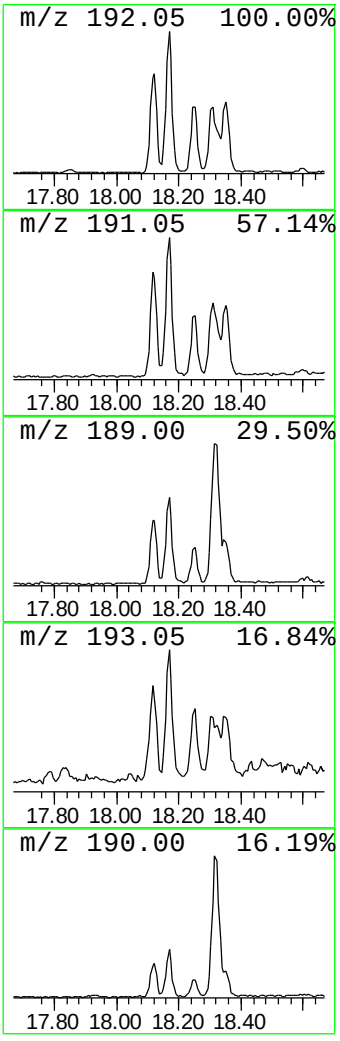
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	4.02 ng/ul	552428	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012137.D
Acq On : 13 Oct 2017 15:06
Operator : SJ/JU
Sample : I5533-03DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817DL

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

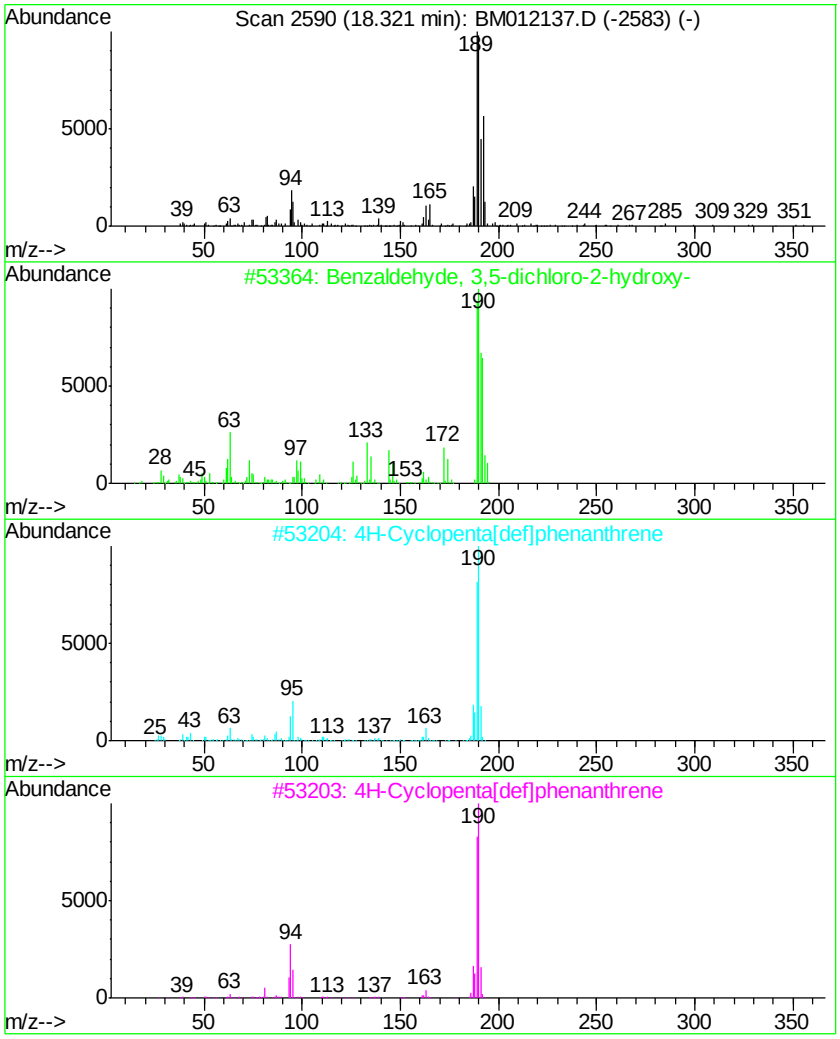
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

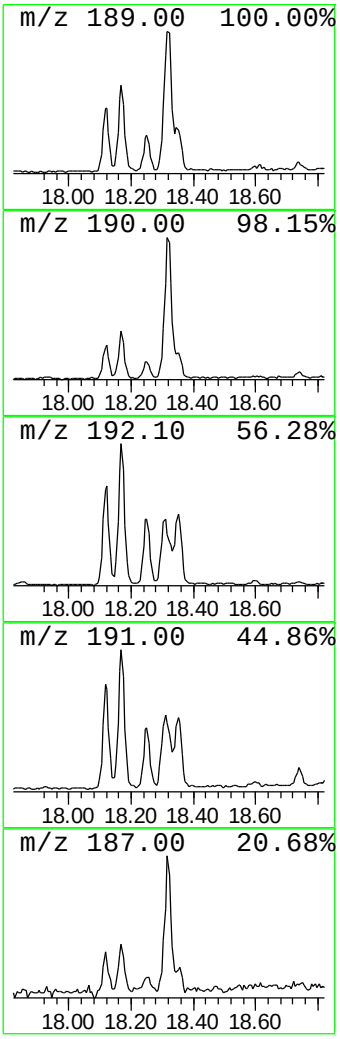
****

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.45 ng/ul	473015	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	35
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012137.D
Acq On : 13 Oct 2017 15:06
Operator : SJ/JU
Sample : I5533-03DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817DL

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
1H-Cyclopropa[l]p...	18.12	4.2	ng/ul	570143	4	17.24	2745620	20.0
Phenanthrene, 1-m...	18.17	4.0	ng/ul	552428	4	17.24	2745620	20.0
Benzaldehyde, 3,5...	18.32	3.5	ng/ul	473015	4	17.24	2745620	20.0