LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000258.D
Acq On : 17 Sep 2019 00:02
Operator : HP/JU
Sample : K4873-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-30

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.405	560	564	568	rVB	3098264	2715748	62.41%	5.261%
2	6.416	732	736	745	rVB	3281064	3036177	69.77%	5.882%
3	6.557	756	760	763	rBV	3797386	3036527	69.78%	5.883%
4	6.787	796	799	803	rBV	1926034	1678235	38.57%	3.251%
5	6.946	822	826	829	rBV	3298122	2534493	58.24%	4.910%
6	7.346	887	894	897	rBV	2170154	1687410	38.78%	3.269%
7	8.069	1014	1017	1020	rBV	2671193	2178660	50.06%	4.221%
8	9.146	1197	1200	1204	rBV	4757825	4008833	92.12%	7.766%
9	9.240	1211	1216	1219	rBV4	74485	100903	2.32%	0.195%
10	9.540	1265	1267	1273	rBV	440347	424035	9.74%	0.821%
11	9.687	1289	1292	1297	rBV	166564	153459	3.53%	0.297%
12	9.828	1313	1316	1320	rVB	2930609	2562997	58.90%	4.965%
13	9.863	1320	1322	1325	rVB	93936	70747	1.63%	0.137%
14	10.034	1348	1351	1354	rVB	114271	91606	2.11%	0.177%
15	10.381	1407	1410	1412	rBV2	107191	97555	2.24%	0.189%
16	10.498	1427	1430	1434	rVV3	70809	73710	1.69%	0.143%
17	10.540	1435	1437	1442	rVB2	59220	62719	1.44%	0.122%
18	10.622	1447	1451	1454	rBV	2607026	2271112	52.19%	4.400%
19	10.751	1470	1473	1474	rBV2	114382	103454	2.38%	0.200%
20	11.322	1567	1570	1573	rBV	2833020	2719357	62.49%	5.268%
21	11.345	1573	1574	1578	rVV	1294708	899865	20.68%	1.743%
22	11.398	1580	1583	1586	rVB	485220	382742	8.80%	0.741%
23	11.434	1587	1589	1593	rVV2	63508	60863	1.40%	0.118%
24	11.551	1607	1609	1613	rBV	99175	95701	2.20%	0.185%
25	11.834	1654	1657	1659	rBV	163880	144615	3.32%	0.280%
26	11.857	1659	1661	1666	rVB	381647	334597	7.69%	0.648%
27	11.904	1667	1669	1672	rVB2	106164	93668	2.15%	0.181%
28	11.945	1672	1676	1678	rBV	373981	376545	8.65%	0.729%
29	12.128	1705	1707	1709	rBV	166699	132383	3.04%	0.256%
30	12.281	1731	1733	1736	rVB2	81295	60853	1.40%	0.118%
31	12.387	1748	1751	1754	rBV	191906	213037	4.90%	0.413%
32	12.469	1763	1765	1770	rBV3	125671	142767	3.28%	0.277%
33	12.551	1775	1779	1782	rVV	2787183	2444587	56.18%	4.736%
34	12.645	1793	1795	1799	rBV	111992	146020	3.36%	0.283%

LSC Area Percent Report

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.781	1812	1818	1821	rBV	2635879	2620419	60.22%	5.077%
36	12.898	1836	1838	1839	rBV	142574	110630	2.54%	0.214%
37	12.928	1839	1843	1846	rVV	5162398	4351702	100.00%	8.431%
38	13.110	1872	1874	1878	rVB	345608	307132	7.06%	0.595%
39	13.175	1883	1885	1888	rBV	288348	280283	6.44%	0.543%
40	13.216	1890	1892	1895	rVV2	231593	204655	4.70%	0.396%
41	13.339	1911	1913	1916	rBV	175320	184761	4.25%	0.358%
42	13.992	2019	2024	2026	rBV2	3137712	3953265	90.84%	7.659%
43	14.016	2026	2028	2031	rVB	1135227	883782	20.31%	1.712%
44	15.045	2200	2203	2206	rBV	829466	1195922	27.48%	2.317%
45	15.416	2263	2266	2269	rVB	631007	681268	15.66%	1.320%
46	15.480	2273	2277	2280	rVV	1450946	1707909	39.25%	3.309%

Sum of corrected areas: 51617708

LSC Report - Integrated Chromatogram

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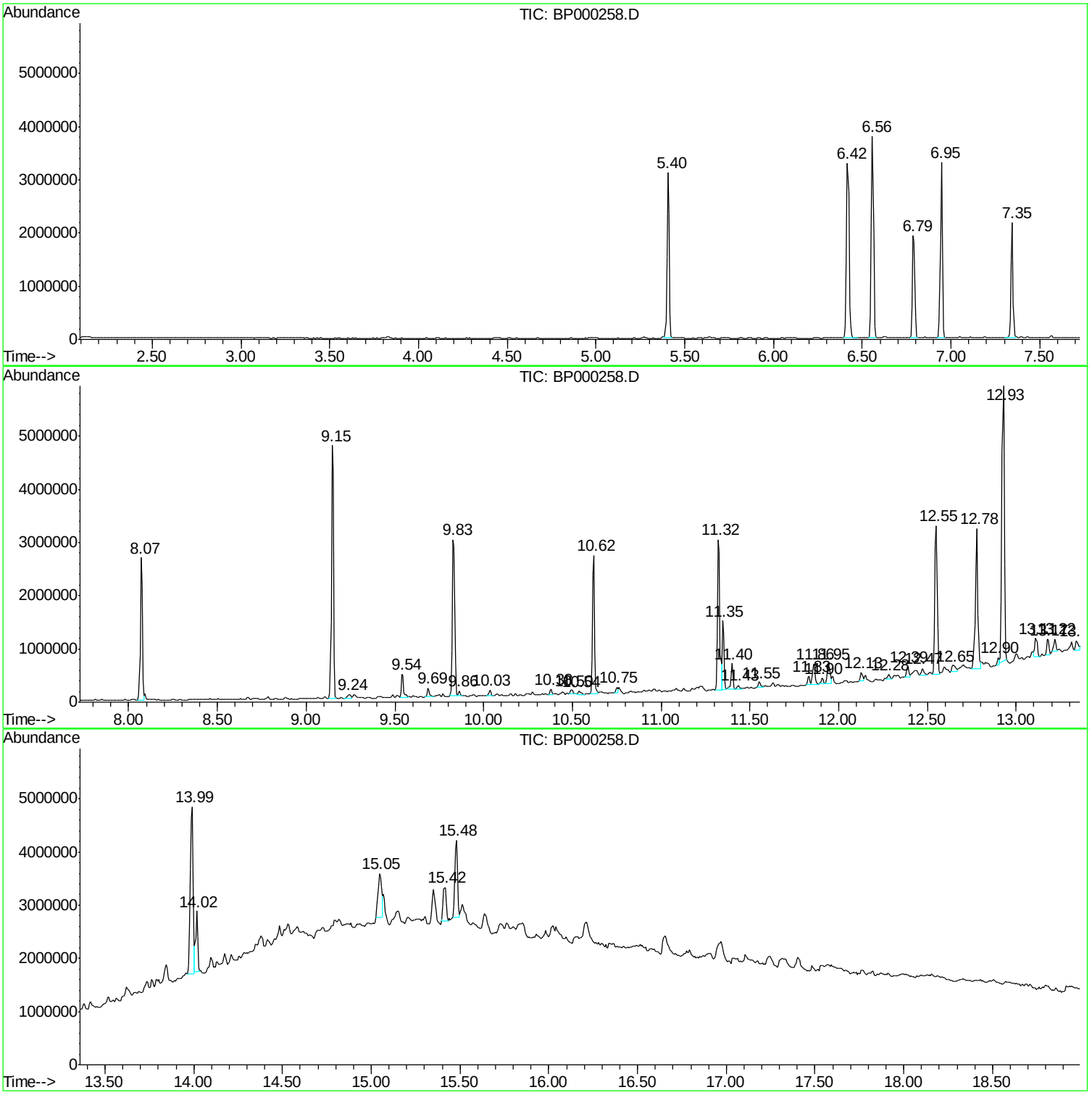
Instrument : BNA_P
ClientSampleId : COMP-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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

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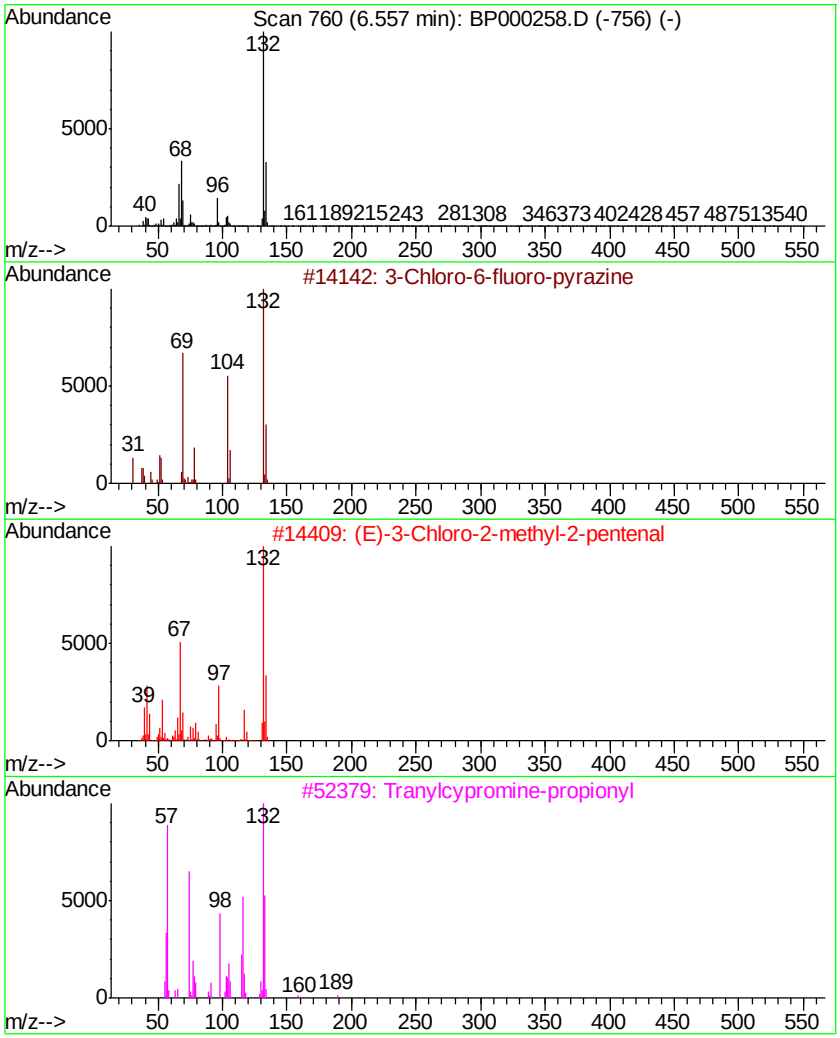
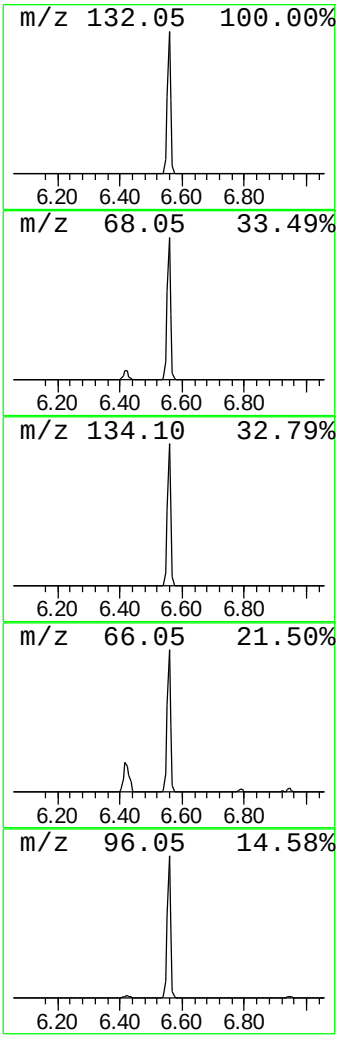
Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	36.19 ng	3036530	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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

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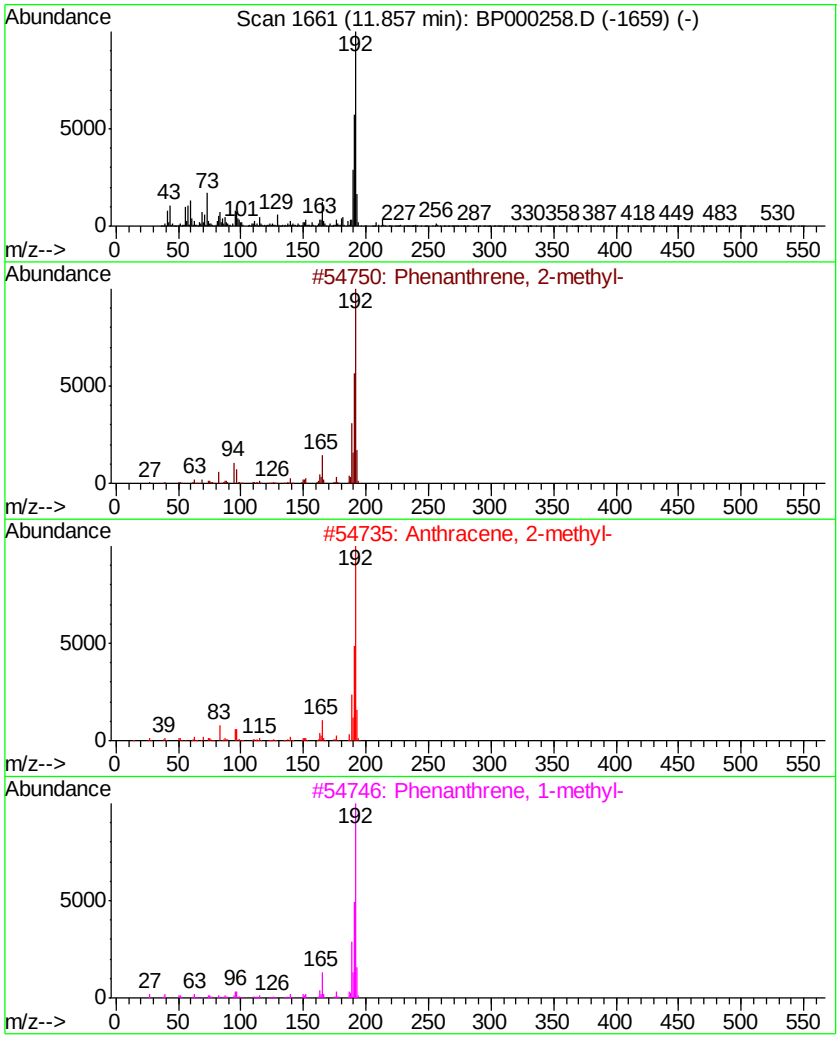
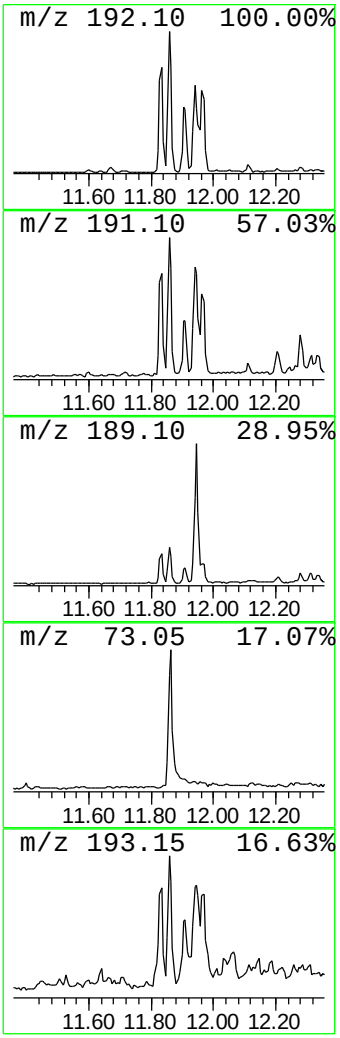
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.46 ng	334597	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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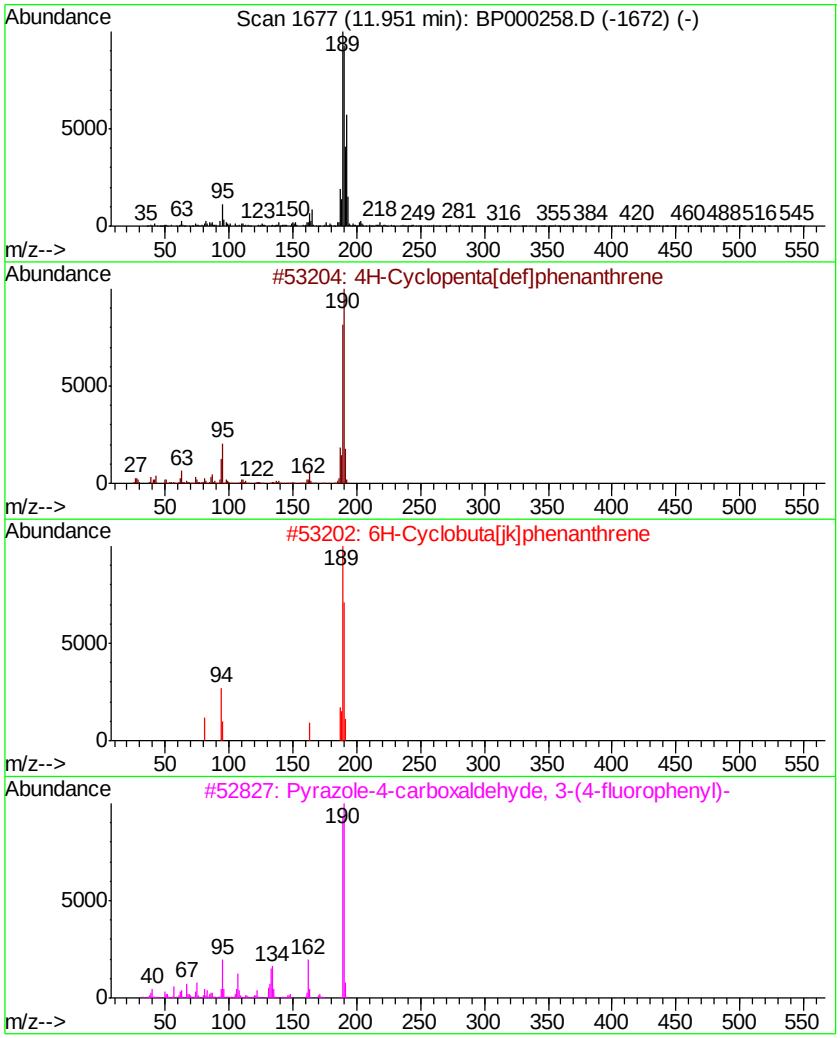
TIC Integration Parameters: LSCINT.P

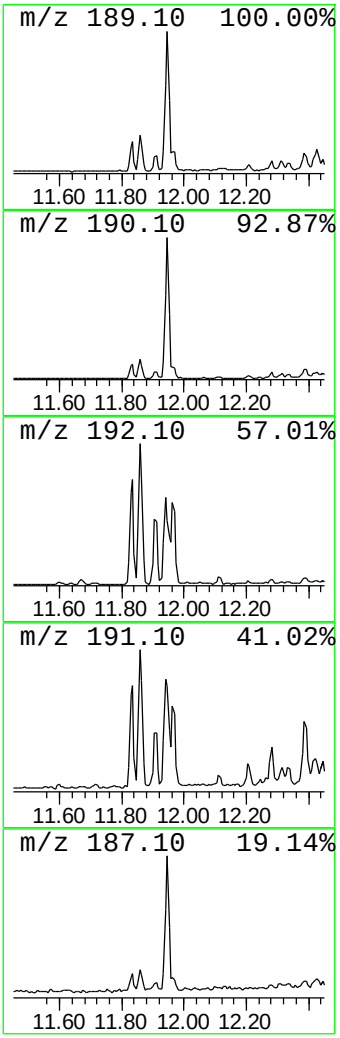
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.77 ng	376545	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	30





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.56	6.56	36.2	ng	3036530	1	6.79	1678240	20.0
Phenanthrene, 2-m...	11.86	2.5	ng	334597	4	11.32	2719360	20.0
4H-Cyclopenta[def...	11.95	2.8	ng	376545	4	11.32	2719360	20.0