LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034348.D
Acq On : 23 Mar 2022 20:45
Operator : CG/JU
Sample : N1962-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-18-17-18

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034348.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.490	377	383	392	rBV	498758	770369	29.81%	3.067%
2	7.095	649	656	670	rBV	460182	774164	29.96%	3.082%
3	7.937	792	799	806	rBV	637049	993931	38.47%	3.956%
4	9.095	989	996	1009	rBV	278228	496002	19.20%	1.974%
5	10.748	1269	1277	1283	rBV	823446	1386087	53.64%	5.517%
6	10.795	1283	1285	1294	rVB	84595	128580	4.98%	0.512%
7	12.407	1554	1559	1566	rBV	37649	63509	2.46%	0.253%
8	12.630	1587	1597	1602	rBV	43971	73562	2.85%	0.293%
9	13.201	1688	1694	1708	rBV	736235	1113523	43.09%	4.433%
10	13.748	1781	1787	1788	rBV3	19358	29937	1.16%	0.119%
11	13.901	1808	1813	1818	rBV	35514	59546	2.30%	0.237%
12	13.954	1818	1822	1829	rVB3	15507	27437	1.06%	0.109%
13	14.136	1848	1853	1857	rBV	22856	30543	1.18%	0.122%
14	14.301	1874	1881	1888	rBV	49786	85888	3.32%	0.342%
15	14.407	1892	1899	1907	rBV2	31545	80993	3.13%	0.322%
16	14.577	1920	1928	1934	rBV	1192828	1733085	67.07%	6.899%
17	14.642	1934	1939	1946	rVB	102467	164270	6.36%	0.654%
18	14.971	1990	1995	2003	rVV	87544	137473	5.32%	0.547%
19	15.195	2027	2033	2038	rBV4	15793	29925	1.16%	0.119%
20	15.365	2055	2062	2066	rBV8	13084	33719	1.30%	0.134%
21	15.618	2099	2105	2114	rBV	174892	270167	10.46%	1.075%
22	15.783	2129	2133	2137	rVB4	23951	35076	1.36%	0.140%
23	15.918	2151	2156	2165	rVB	36581	67130	2.60%	0.267%
24	16.060	2172	2180	2189	rBV2	617532	914940	35.41%	3.642%
25	16.295	2215	2220	2228	rVB10	12779	27339	1.06%	0.109%
26	16.624	2266	2276	2281	rBV3	37328	91601	3.55%	0.365%
27	16.677	2281	2285	2289	rVB3	19310	29580	1.14%	0.118%
28	16.771	2298	2301	2307	rVB2	24104	36008	1.39%	0.143%
29	16.854	2307	2315	2318	rBV5	22438	52409	2.03%	0.209%
30	17.054	2344	2349	2350	rBV	19425	28394	1.10%	0.113%
31	17.136	2359	2363	2373	rVB	67091	109947	4.26%	0.438%
32	17.318	2388	2394	2397	rBV	1367372	1899543	73.51%	7.561%
33	17.359	2397	2401	2408	rVV	1105579	1558835	60.33%	6.205%
34	17.448	2412	2416	2422	rVV	249705	362066	14.01%	1.441%
35	17.512	2423	2427	2432	rVB4	21441	38601	1.49%	0.154%
36	17.718	2457	2462	2469	rBV	58364	103502	4.01%	0.412%

LSC Area Percent Report

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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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.201	2538	2544	2548	rBV2	122614	254889	9.86%	1.015%
38	18.242	2548	2551	2557	rVB	155166	220867	8.55%	0.879%
39	18.324	2561	2565	2569	rVV	59335	87845	3.40%	0.350%
40	18.389	2571	2576	2580	rVV3	196574	350418	13.56%	1.395%
41	18.424	2580	2582	2588	rVB	81792	99833	3.86%	0.397%
42	18.695	2624	2628	2632	rBV	68081	85308	3.30%	0.340%
43	18.936	2667	2669	2674	rVB2	27382	31571	1.22%	0.126%
44	19.106	2694	2698	2702	rBV2	58612	94326	3.65%	0.375%
45	19.371	2738	2743	2749	rBV	1154901	1533094	59.33%	6.103%
46	19.612	2782	2784	2788	rBV	29985	35889	1.39%	0.143%
47	19.730	2795	2804	2813	rBV	924664	1562399	60.47%	6.219%
48	19.806	2814	2817	2824	rVB3	45471	83060	3.21%	0.331%
49	19.930	2833	2838	2843	rBV	1082443	1392972	53.91%	5.545%
50	20.224	2885	2888	2895	rVB	148303	188331	7.29%	0.750%
51	20.324	2902	2905	2910	rBV	140161	182570	7.07%	0.727%
52	21.489	3097	3103	3107	rBV2	1622008	2583887	100.00%	10.285%
53	21.524	3107	3109	3116	rVB	365094	443808	17.18%	1.767%
54	23.900	3507	3513	3520	rBV2	1010490	2053009	79.45%	8.172%

Sum of corrected areas: 25121757

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Instrument :
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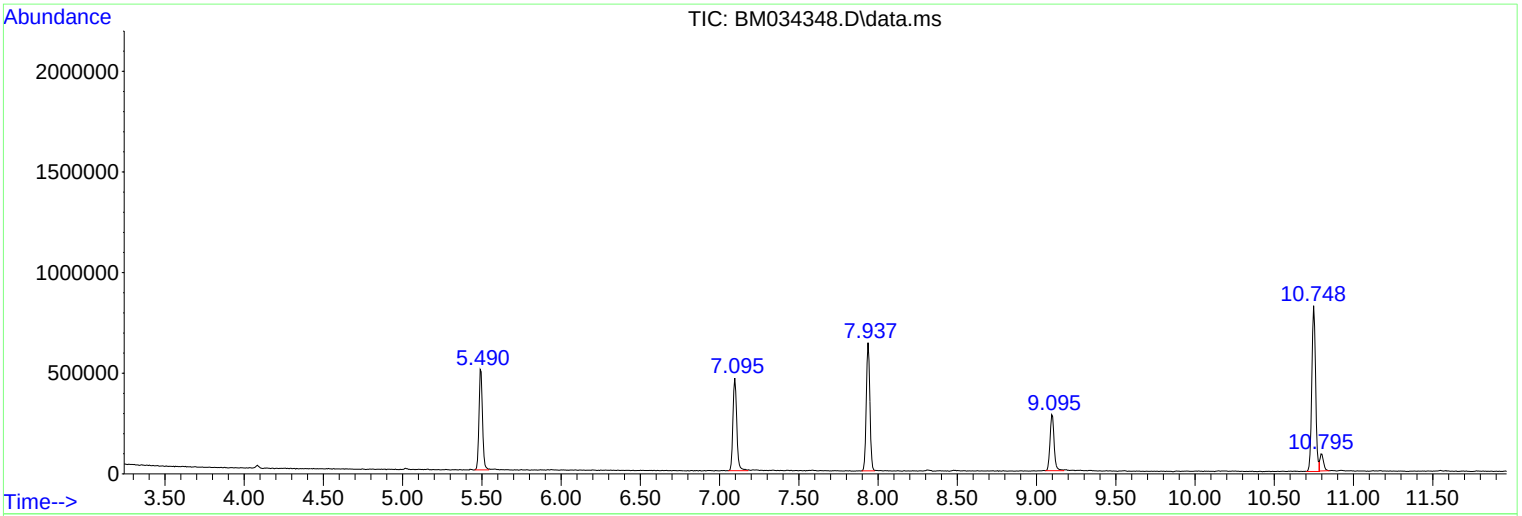
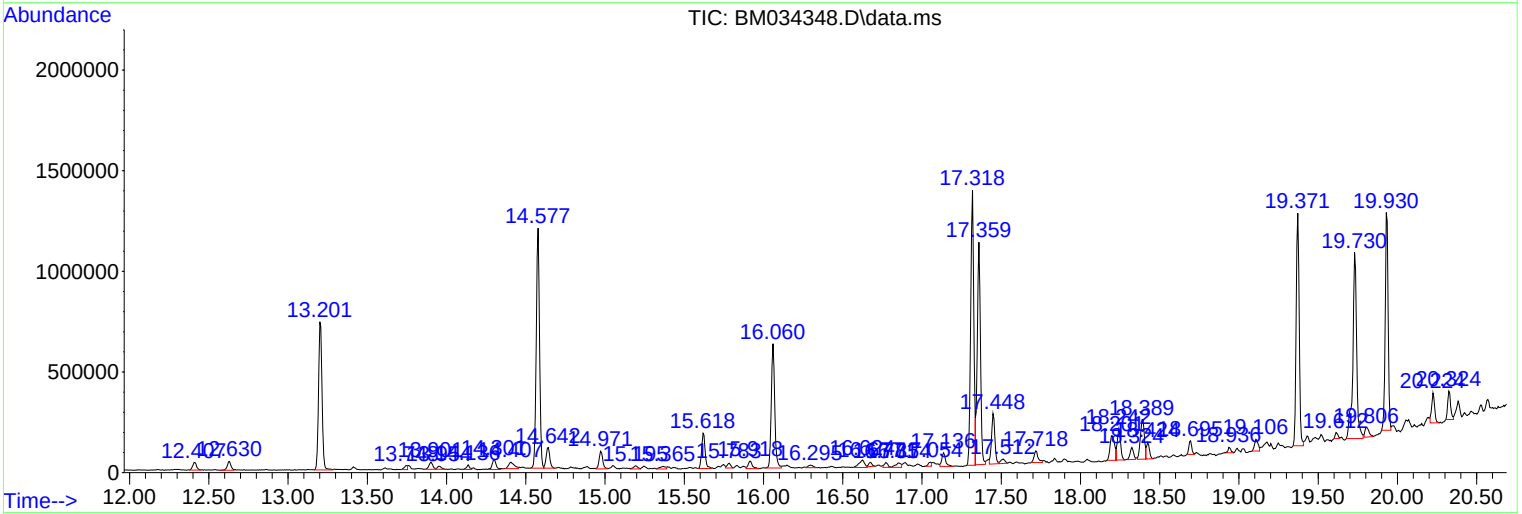
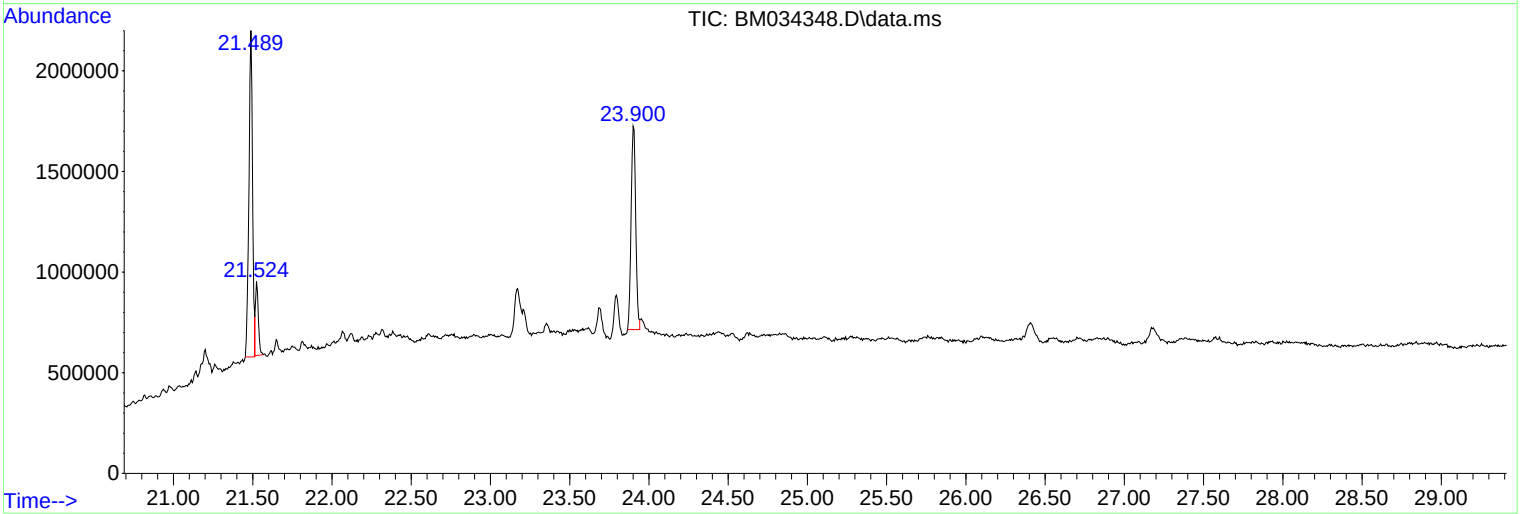
ClientSampleId :
C-18-17-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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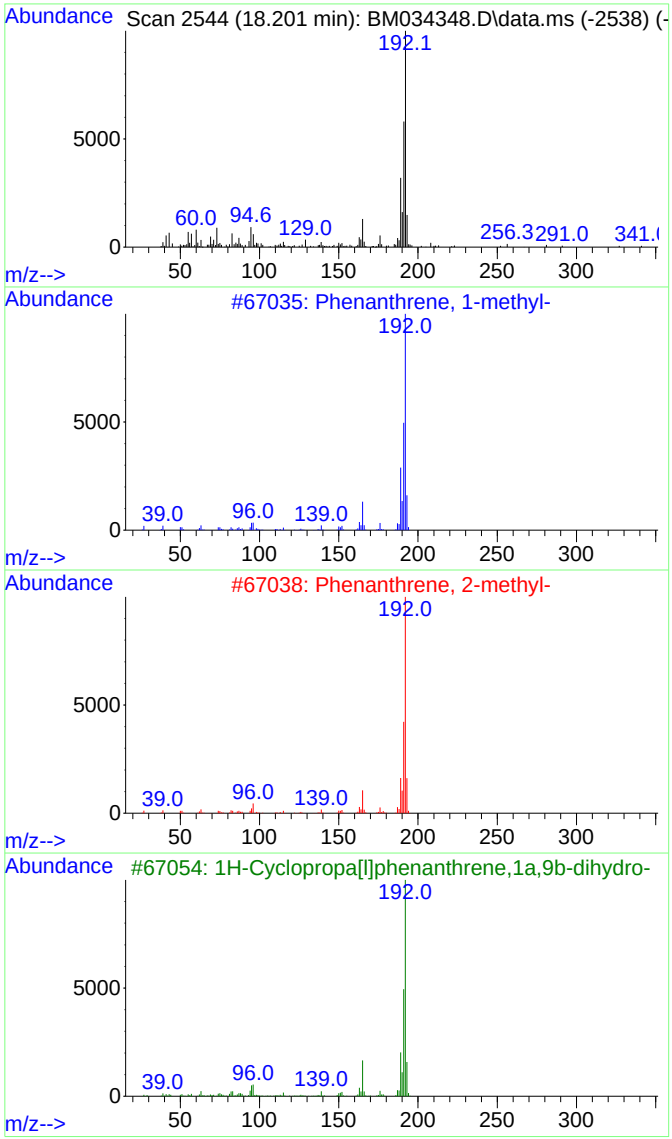
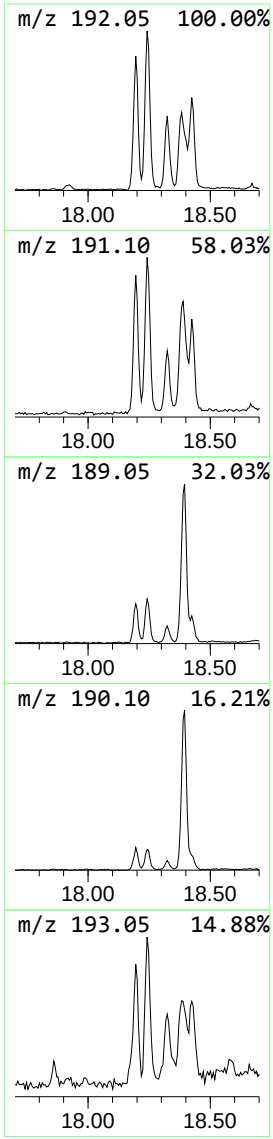
****
Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.201	2.68 ng	254889	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Data File : BM034348.D
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Operator : CG/JU
Sample : N1962-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-18-17-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

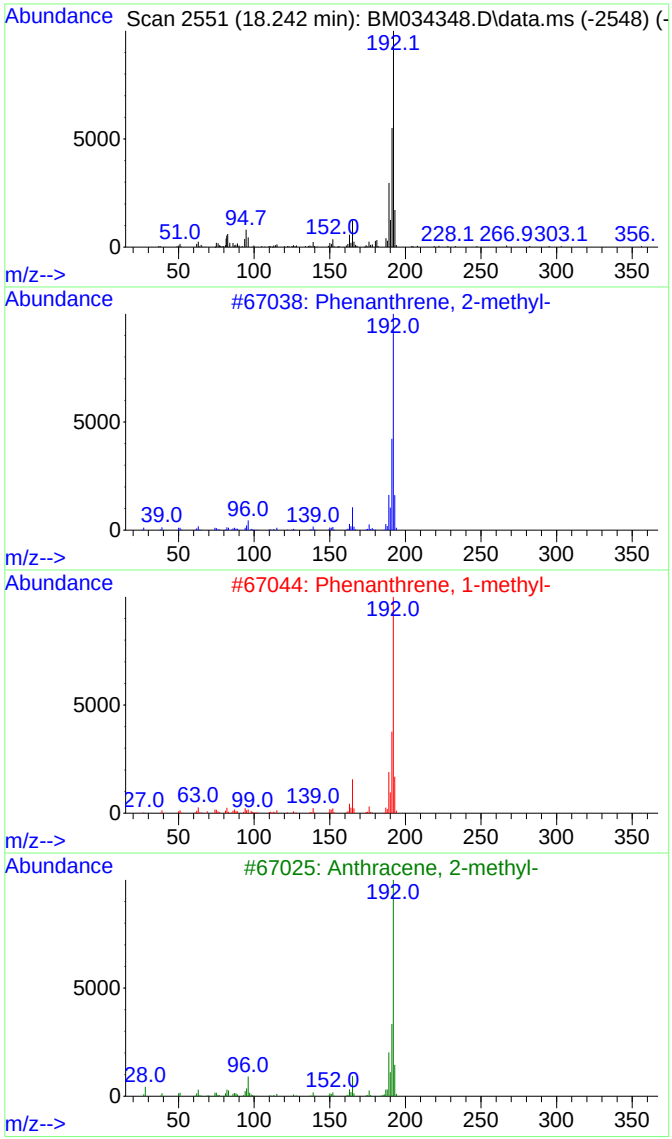
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

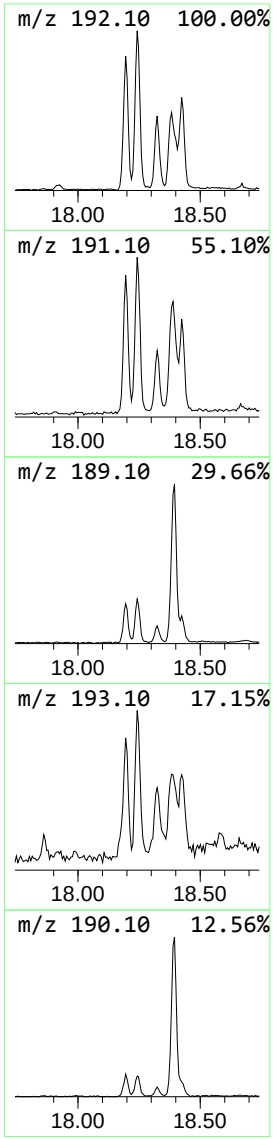
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	2.33 ng	220867	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-18-17-18

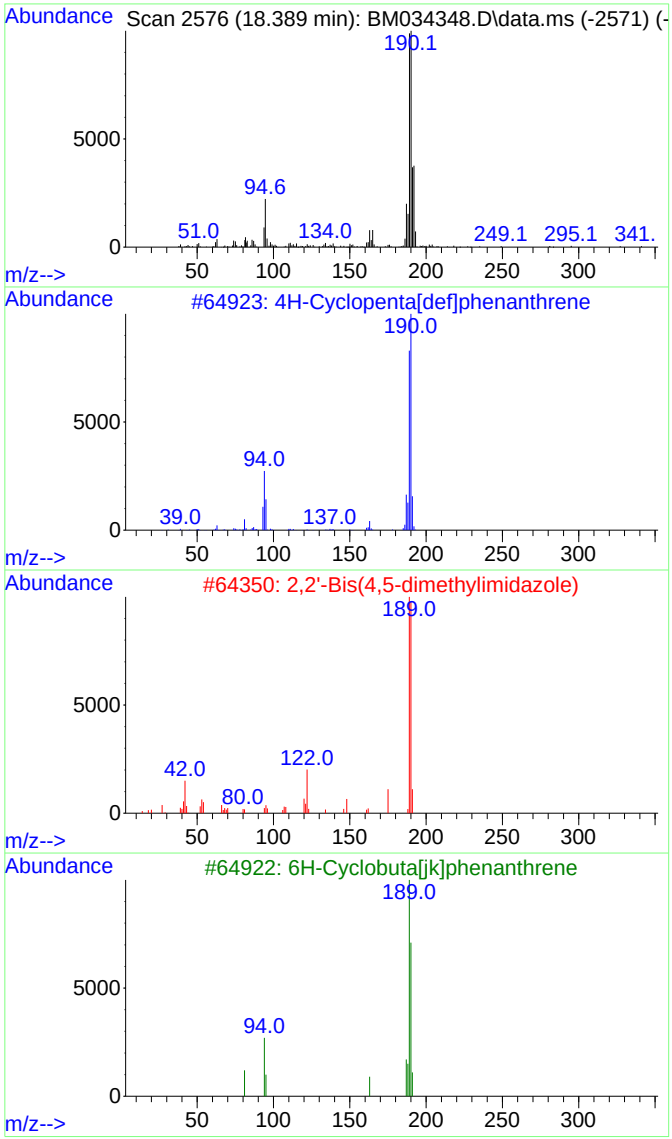
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

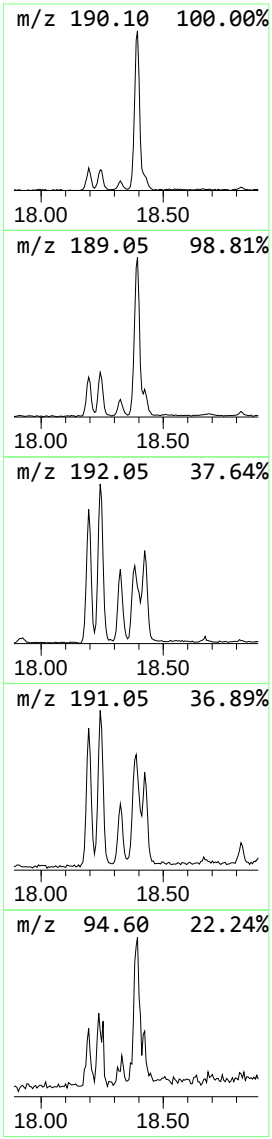
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	3.69 ng	350418	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1...	18.201	2.7	ng	254889	4	17.318	1899540	20.0
Phenanthrene, 2...	18.242	2.3	ng	220867	4	17.318	1899540	20.0
4H-Cyclopenta[d...	18.389	3.7	ng	350418	4	17.318	1899540	20.0