LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005734.D
Acq On : 05 Jun 2021 03:55
Operator : CG/JU
Sample : M2589-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B7(0-2)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005734.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.552	411	419	428	rBV	422696	663688	15.13%	1.955%
2	7.152	684	691	706	rVB	403020	690087	15.73%	2.033%
3	7.987	824	833	843	rBV	587129	954288	21.75%	2.811%
4	9.152	1024	1031	1039	rBV	243869	409222	9.33%	1.205%
5	10.793	1302	1310	1316	rBV	744586	1283837	29.26%	3.782%
6	10.846	1316	1319	1328	rVB	56292	87230	1.99%	0.257%
7	12.451	1585	1592	1598	rBV	31533	51990	1.18%	0.153%
8	13.234	1719	1725	1736	rBV	694842	1072128	24.43%	3.158%
9	13.934	1839	1844	1850	rBV	31863	55206	1.26%	0.163%
10	14.334	1907	1912	1920	rVB	67383	110495	2.52%	0.325%
11	14.610	1950	1959	1965	rBV	1108445	1672530	38.12%	4.926%
12	14.675	1965	1970	1978	rVB	106951	169291	3.86%	0.499%
13	15.010	2021	2027	2033	rVB	66947	106060	2.42%	0.312%
14	15.651	2131	2136	2148	rBV2	99964	157648	3.59%	0.464%
15	15.945	2183	2186	2193	rVB	31997	47101	1.07%	0.139%
16	16.098	2206	2212	2219	rBV	580114	868064	19.78%	2.557%
17	16.328	2246	2251	2256	rVB7	37793	79074	1.80%	0.233%
18	16.928	2350	2353	2361	rVB3	28793	51176	1.17%	0.151%
19	17.010	2363	2367	2373	rVB	61580	94809	2.16%	0.279%
20	17.169	2391	2394	2403	rVB	66975	114606	2.61%	0.338%
21	17.357	2420	2426	2429	rBV	1341481	1951321	44.47%	5.748%
22	17.398	2429	2433	2439	rVB	1266694	1717409	39.14%	5.059%
23	17.486	2444	2448	2453	rVB	341522	473418	10.79%	1.394%
24	17.545	2454	2458	2464	rVV3	36369	62393	1.42%	0.184%
25	17.757	2490	2494	2498	rVB	113621	148724	3.39%	0.438%
26	18.216	2568	2572	2576	rBV	162767	223873	5.10%	0.659%
27	18.263	2576	2580	2585	rVB	218239	284846	6.49%	0.839%
28	18.339	2590	2593	2598	rVB	85459	112531	2.56%	0.331%
29	18.404	2599	2604	2608	rBV3	273043	478710	10.91%	1.410%
30	18.698	2650	2654	2657	rVB	124394	149487	3.41%	0.440%
31	18.739	2657	2661	2667	rBV2	115742	155583	3.55%	0.458%
32	19.098	2718	2722	2728	rBV2	116605	236906	5.40%	0.698%
33	19.233	2742	2745	2750	rBV2	108640	160060	3.65%	0.471%
34	19.357	2760	2766	2771	rBV	2424629	3240843	73.86%	9.546%
35	19.675	2816	2820	2821	rBV	417247	493261	11.24%	1.453%
36	19.704	2821	2825	2833	rVB	2152204	2928222	66.73%	8.625%

LSC Area Percent Report

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Sample : M2589-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.892	2852	2857	2861	rVB	1243824	1527559	34.81%	4.499%
38	20.186	2904	2907	2911	rVB	316223	381051	8.68%	1.122%
39	20.280	2920	2923	2926	rBV	213606	254232	5.79%	0.749%
40	21.316	3097	3099	3106	rVB	482941	561102	12.79%	1.653%
41	21.416	3111	3116	3121	rVV2	2154558	4387967	100.00%	12.925%
42	21.463	3121	3124	3132	rVB	1144747	1610369	36.70%	4.743%
43	23.763	3512	3515	3524	rVB	1039227	1932116	44.03%	5.691%
44	23.874	3530	3534	3539	rVB2	1004239	1739824	39.65%	5.125%

Sum of corrected areas: 33950337

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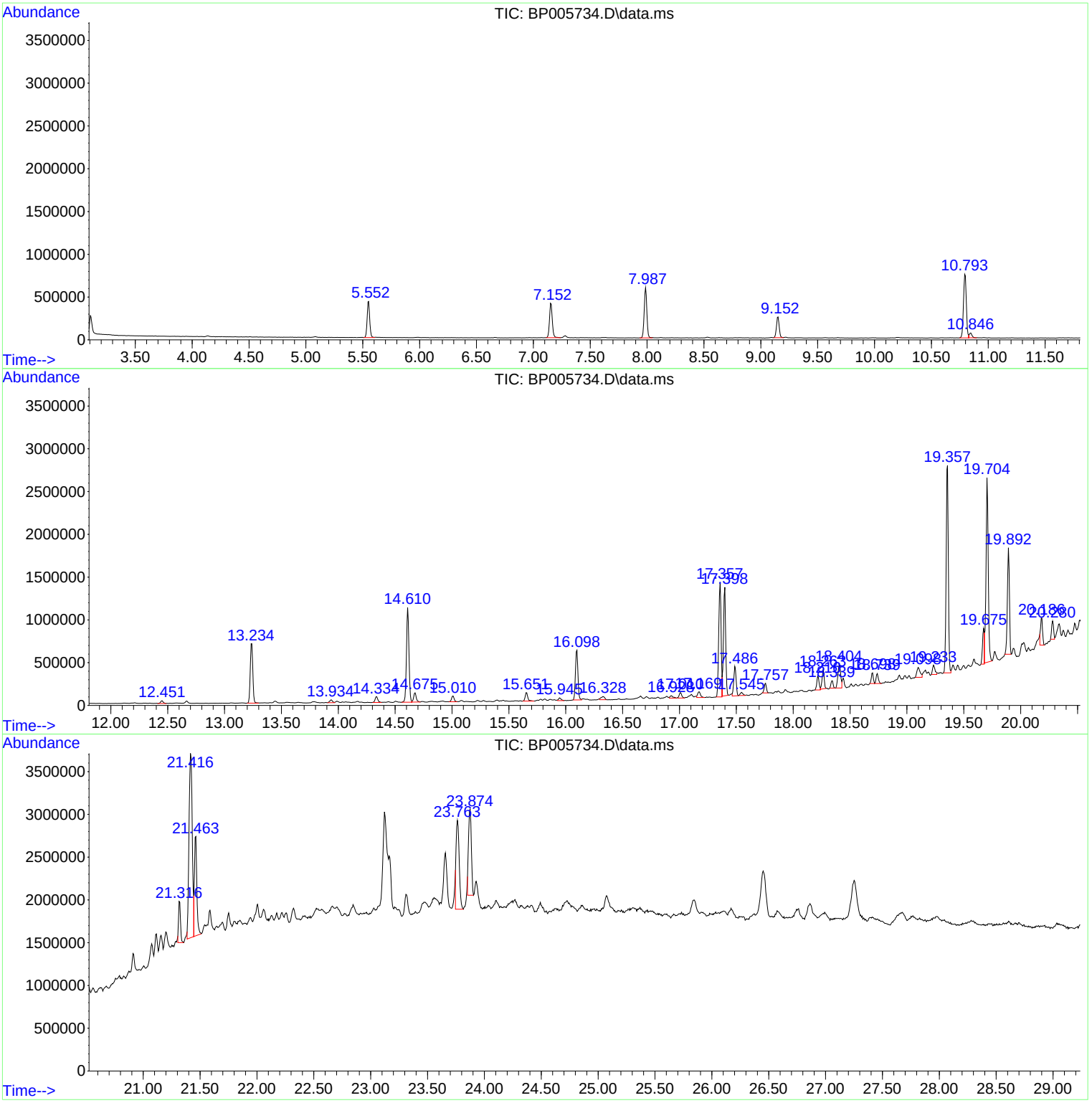
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : M2589-01 5X
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Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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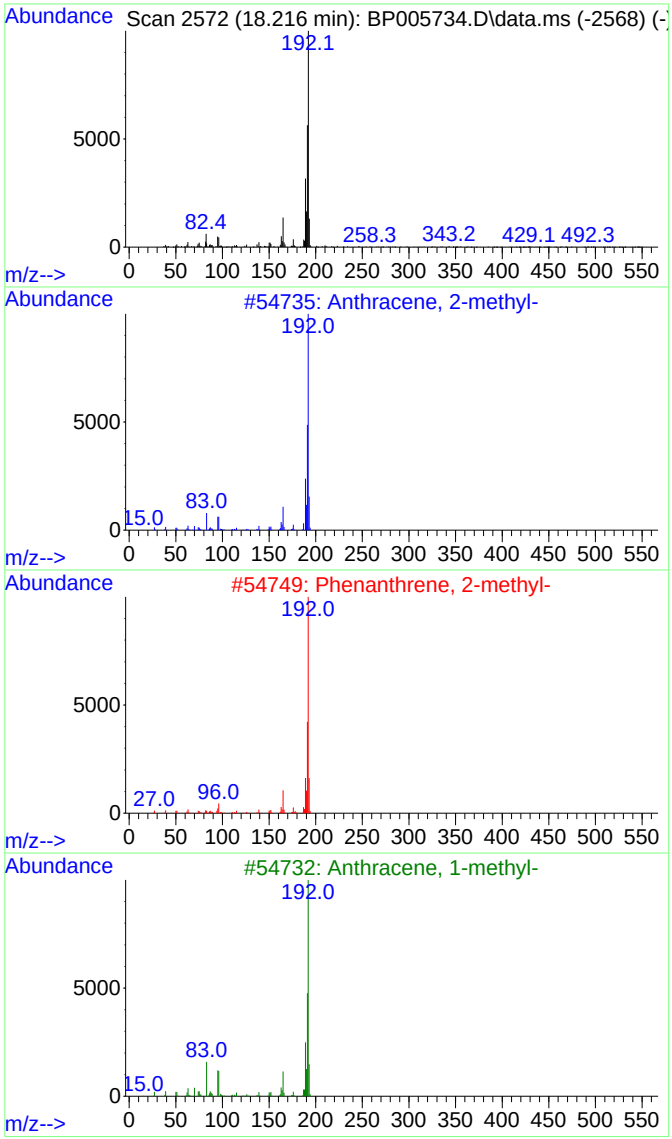
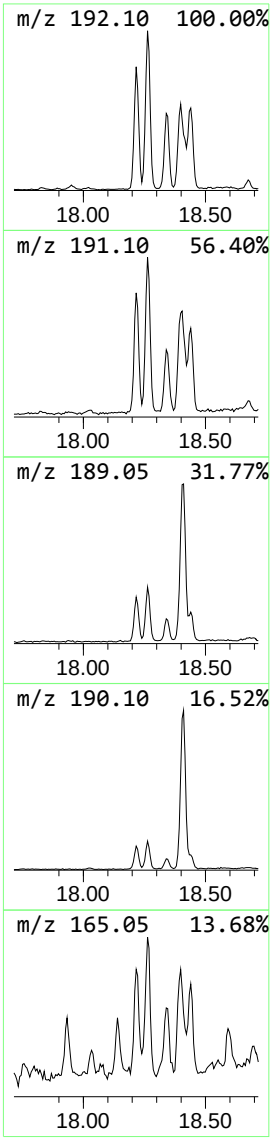
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	2.29 ng	223873	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B7(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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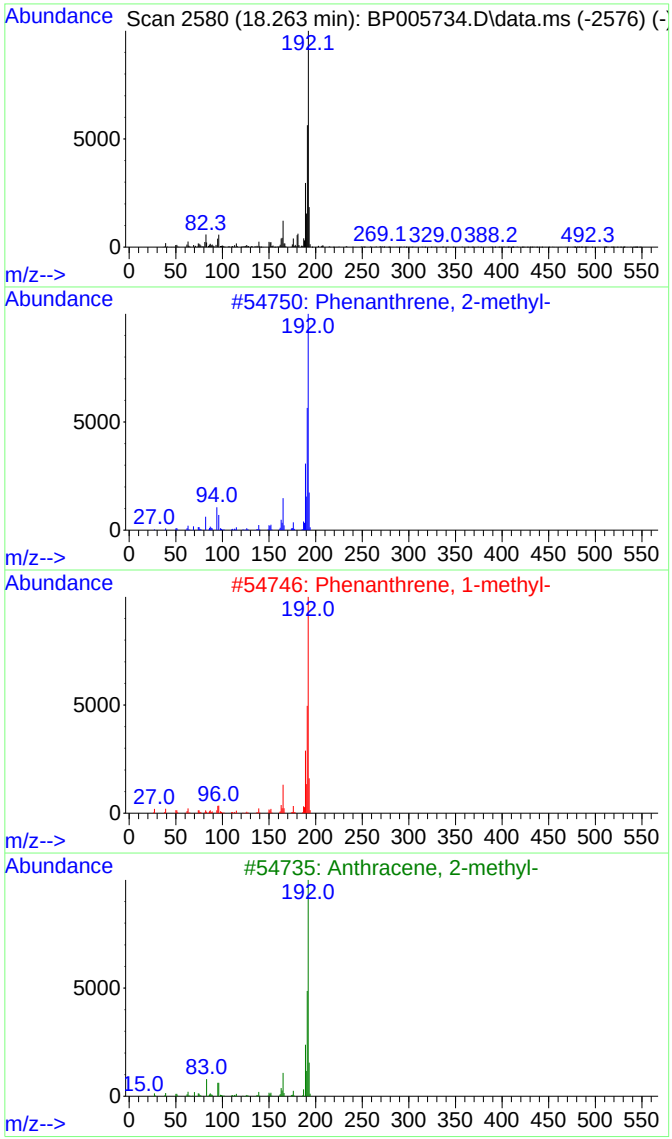
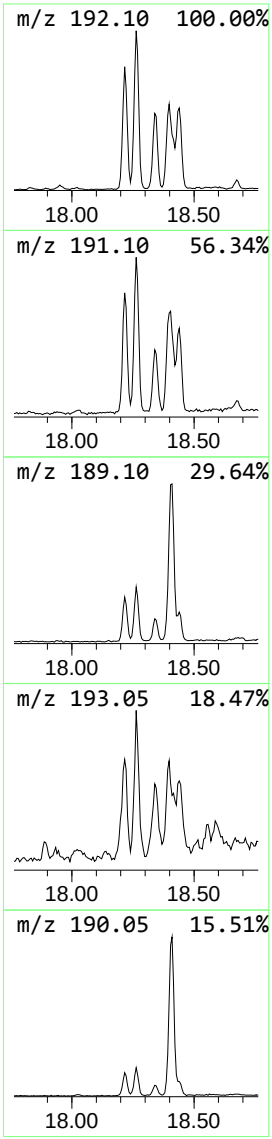
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	2.92 ng	284846	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : M2589-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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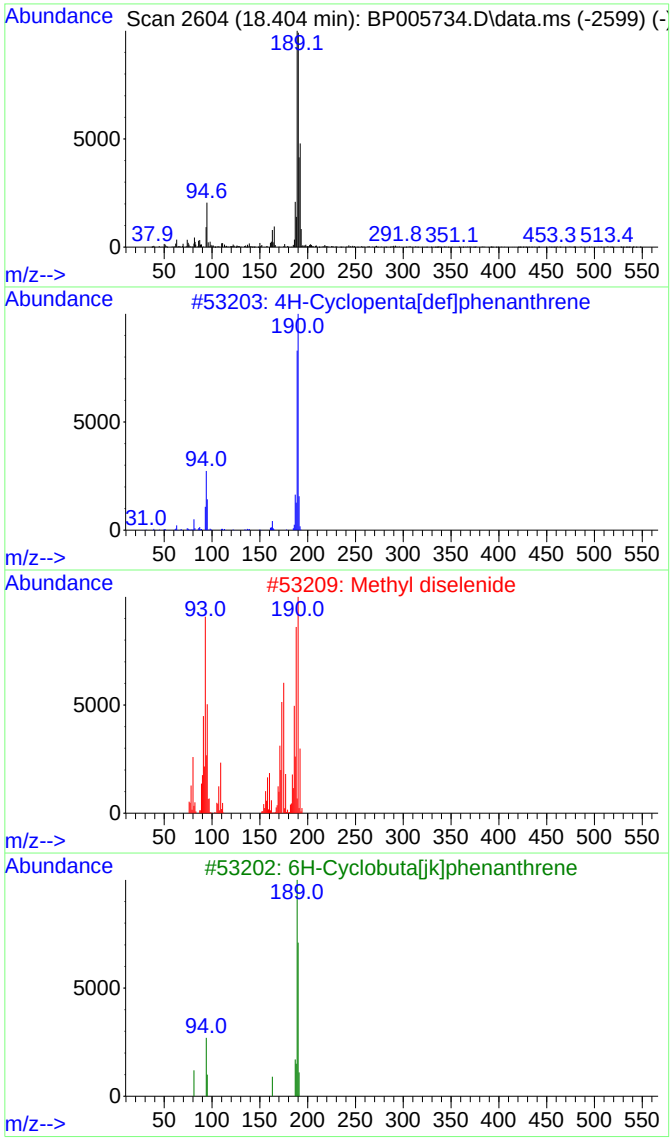
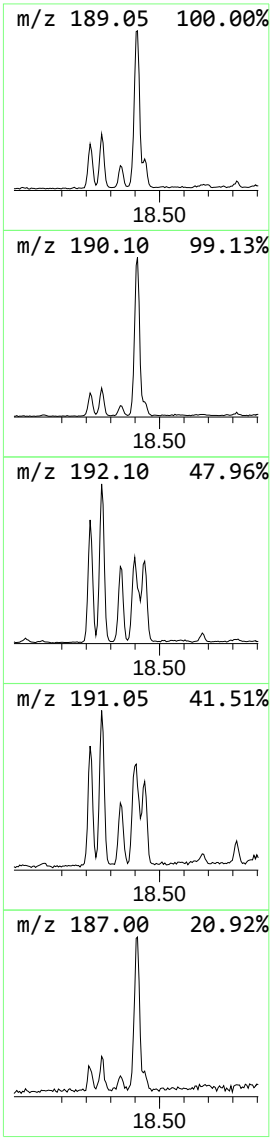
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	4.91 ng	478710	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
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18-B7(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
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TIC Integration Parameters: LSCINT.P

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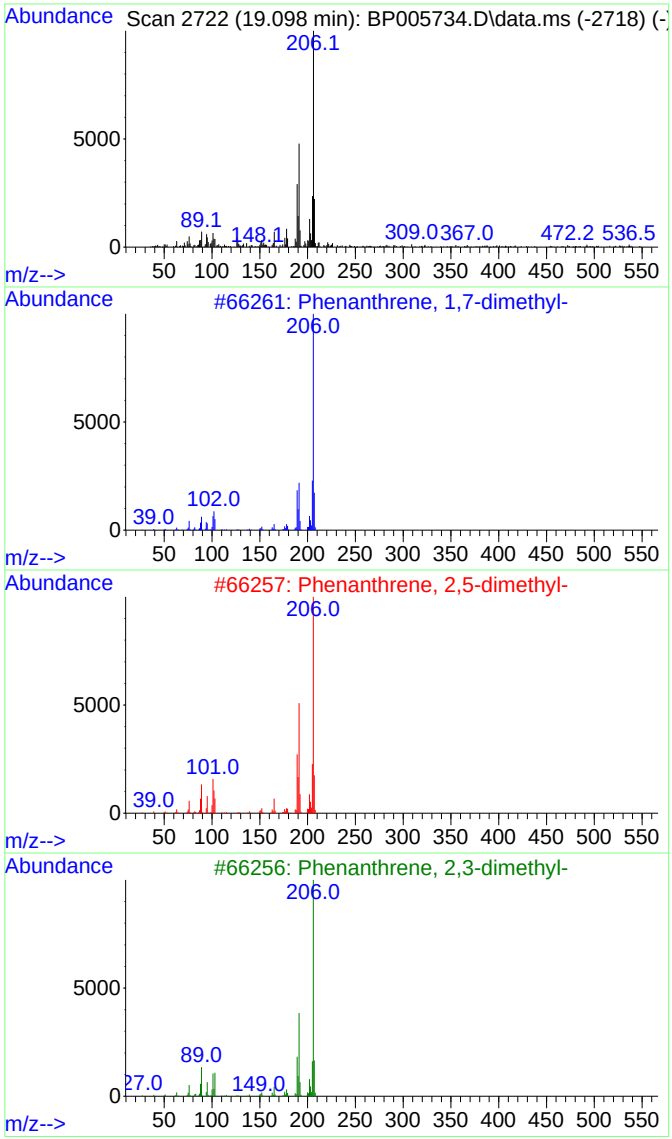
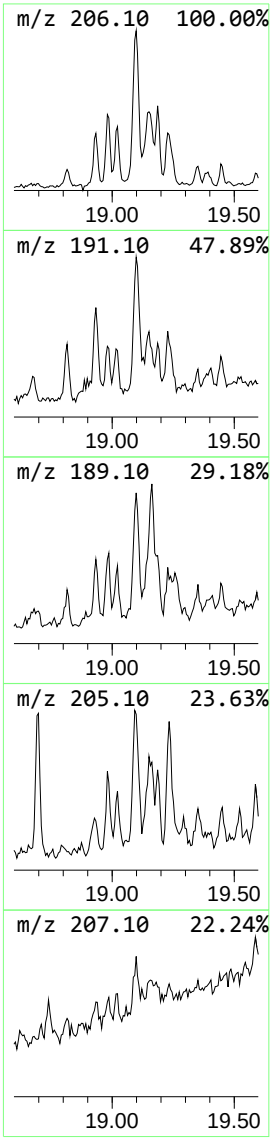
Peak Number 5 Phenanthrene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	2.43 ng	236906	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 2-m...	18.216	2.3	ng	223873	4	17.357	1951320	20.0
Phenanthrene, 2...	18.263	2.9	ng	284846	4	17.357	1951320	20.0
4H-Cyclopenta[d...	18.404	4.9	ng	478710	4	17.357	1951320	20.0
Phenanthrene, 1...	19.098	2.4	ng	236906	4	17.357	1951320	20.0