LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005720.D
Acq On : 04 Jun 2021 19:59
Operator : CG/JU
Sample : M2589-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B7(4-6)

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: BP005720.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	333	338	345	rVB2	60208	91247	2.11%	0.224%
2	5.546	411	418	427	rBV	1450429	2112626	48.93%	5.182%
3	7.152	682	691	705	rBV	1405141	2288488	53.01%	5.614%
4	7.981	823	832	841	rBV	597207	936315	21.69%	2.297%
5	9.146	1023	1030	1038	rBV	885359	1471372	34.08%	3.609%
6	10.575	1267	1273	1280	rBV2	27017	52312	1.21%	0.128%
7	10.787	1301	1309	1315	rBV	747172	1271843	29.46%	3.120%
8	10.840	1315	1318	1328	rVB	31992	53359	1.24%	0.131%
9	13.152	1707	1711	1717	rVB	35432	49302	1.14%	0.121%
10	13.234	1718	1725	1736	rBV	2286652	3236201	74.96%	7.938%
11	13.434	1756	1759	1767	rVB6	21307	43857	1.02%	0.108%
12	14.093	1867	1871	1875	rVB	59029	77111	1.79%	0.189%
13	14.334	1907	1912	1921	rVB	47914	78194	1.81%	0.192%
14	14.604	1950	1958	1965	rBV	1103862	1687854	39.10%	4.140%
15	14.669	1965	1969	1977	rVB	110260	185588	4.30%	0.455%
16	15.004	2021	2026	2032	rVB	86814	126974	2.94%	0.311%
17	15.222	2059	2063	2068	rBV3	25741	46415	1.08%	0.114%
18	15.651	2131	2136	2140	rBV	113550	171410	3.97%	0.420%
19	15.857	2167	2171	2175	rVB2	61405	83987	1.95%	0.206%
20	16.093	2205	2211	2218	rBV	1808458	2654033	61.48%	6.510%
21	16.334	2248	2252	2258	rVB2	119050	195461	4.53%	0.479%
22	16.651	2303	2306	2310	rVB4	45577	60125	1.39%	0.147%
23	17.004	2362	2366	2372	rBV2	56148	83062	1.92%	0.204%
24	17.163	2389	2393	2403	rVB2	109808	205874	4.77%	0.505%
25	17.351	2419	2425	2429	rBV	1373991	2009664	46.55%	4.930%
26	17.392	2429	2432	2438	rVB	1231556	1629232	37.74%	3.996%
27	17.481	2443	2447	2452	rVB	319998	465337	10.78%	1.141%
28	17.751	2489	2493	2498	rVB	115407	152641	3.54%	0.374%
29	18.216	2568	2572	2576	rBV	153294	223211	5.17%	0.548%
30	18.257	2576	2579	2584	rVB	217154	290951	6.74%	0.714%
31	18.334	2589	2592	2597	rBV	89480	134452	3.11%	0.330%
32	18.398	2599	2603	2607	rBV2	264170	442978	10.26%	1.087%
33	18.692	2650	2653	2656	rBV	127870	151195	3.50%	0.371%
34	18.734	2657	2660	2666	rVB2	110059	167823	3.89%	0.412%
35	19.092	2718	2721	2727	rBV2	137440	244980	5.67%	0.601%
36	19.351	2760	2765	2770	rBV	2472593	3102861	71.87%	7.611%

LSC Area Percent Report

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Acq On : 04 Jun 2021 19:59
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Sample : M2589-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B7(4-6)

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	19.669	2815	2819	2821	rBV2	420699	607293	14.07%	1.490%
38	19.704	2821	2825	2832	rVB	2107194	3010332	69.73%	7.384%
39	19.892	2852	2857	2861	rVB	3722981	4317226	100.00%	10.590%
40	21.316	3097	3099	3103	rVB	547512	564881	13.08%	1.386%
41	21.416	3110	3116	3120	rBV3	2045021	4236629	98.13%	10.392%
42	21.457	3120	3123	3132	rVB	1170932	1752394	40.59%	4.299%

Sum of corrected areas: 40767090

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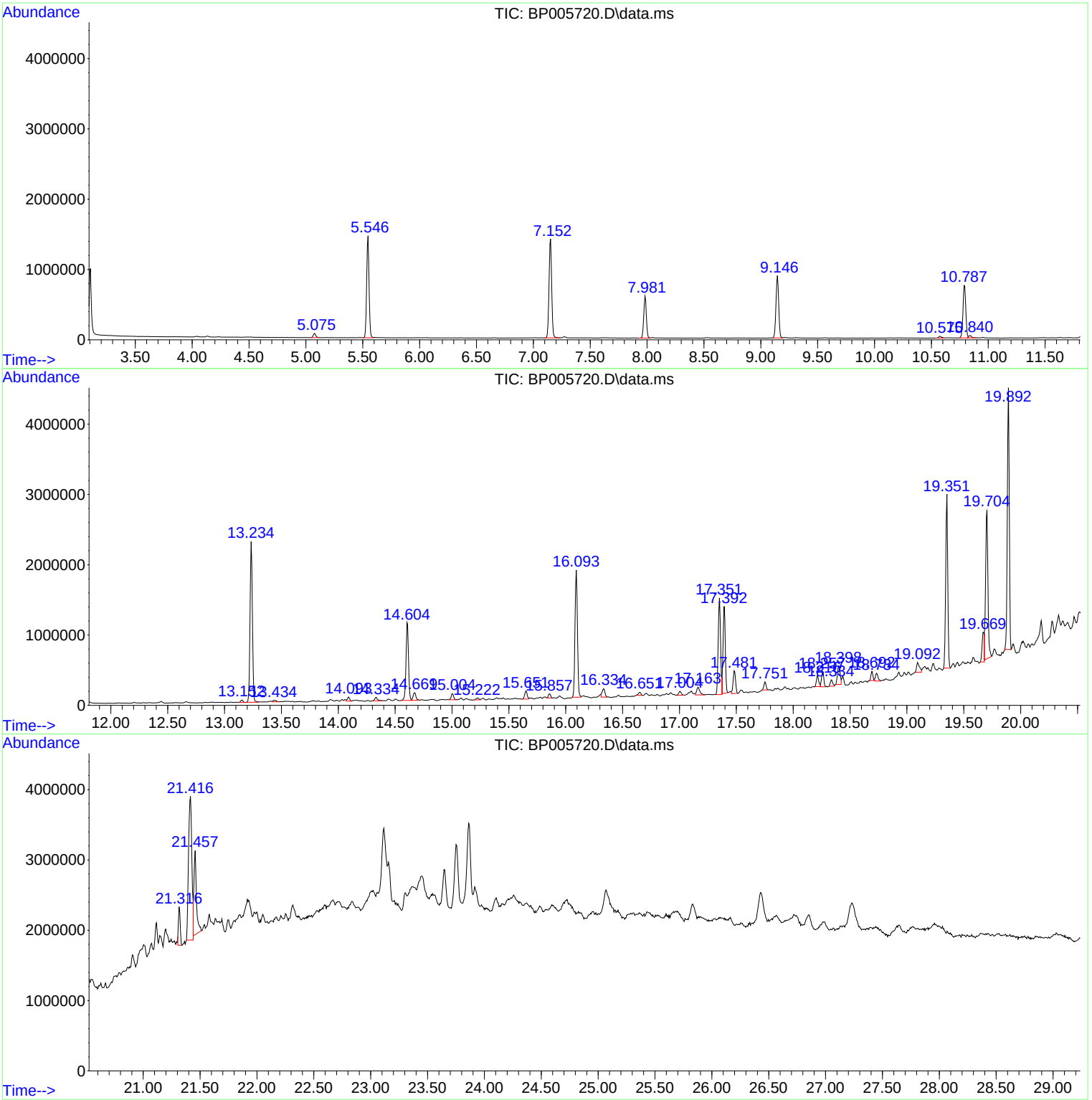
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

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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Data File : BP005720.D
Acq On : 04 Jun 2021 19:59
Operator : CG/JU
Sample : M2589-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

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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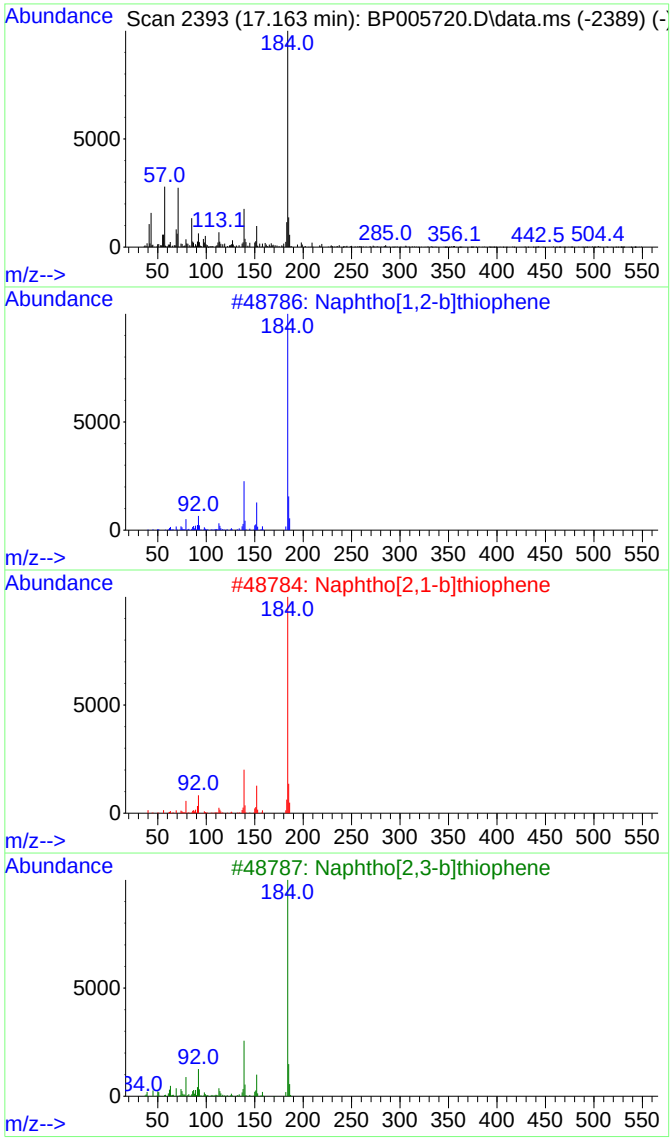
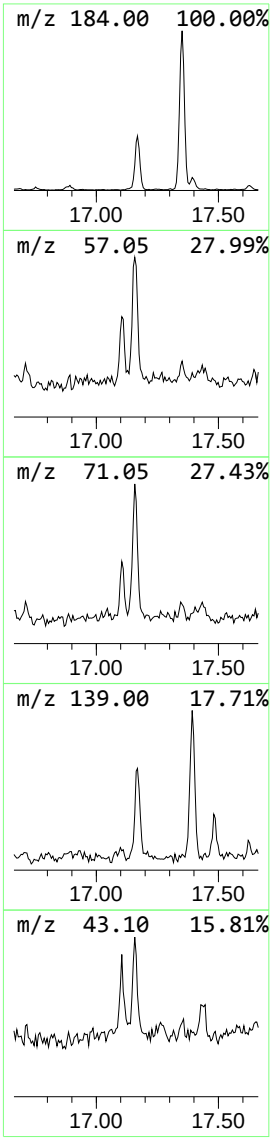
Peak Number 3 Naphtho[1,2-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.163	2.05 ng	205874	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	89
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005720.D
Acq On : 04 Jun 2021 19:59
Operator : CG/JU
Sample : M2589-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B7(4-6)

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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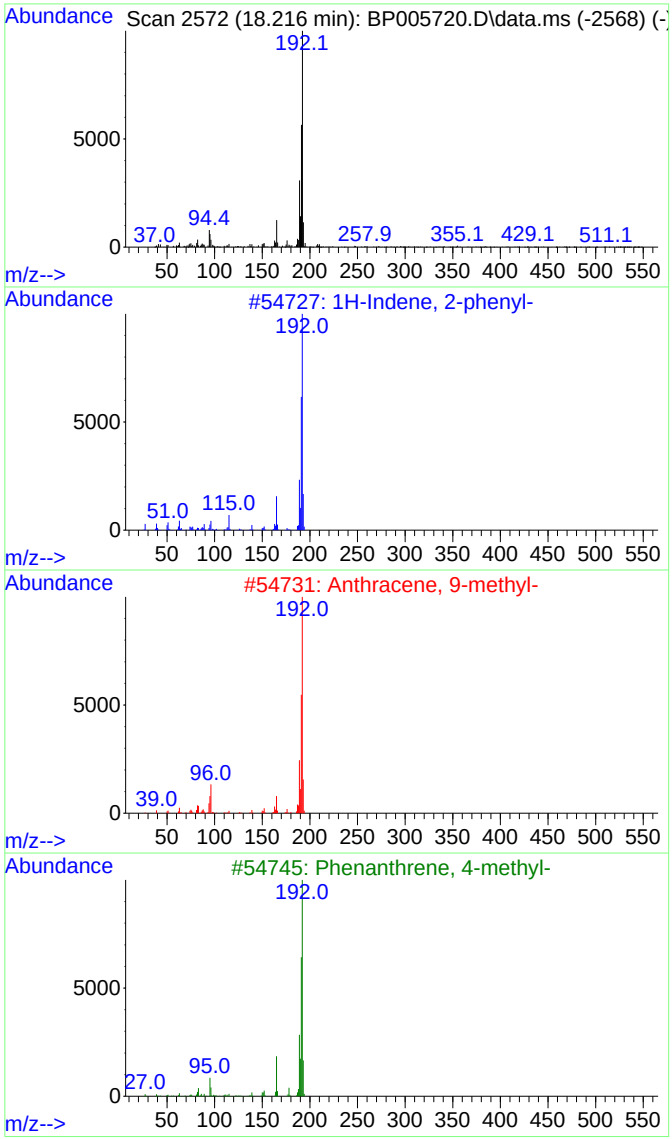
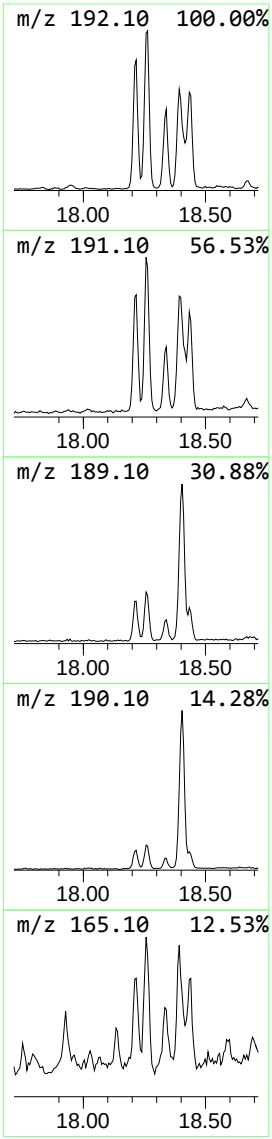
Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	2.22 ng	223211	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005720.D
Acq On : 04 Jun 2021 19:59
Operator : CG/JU
Sample : M2589-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

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
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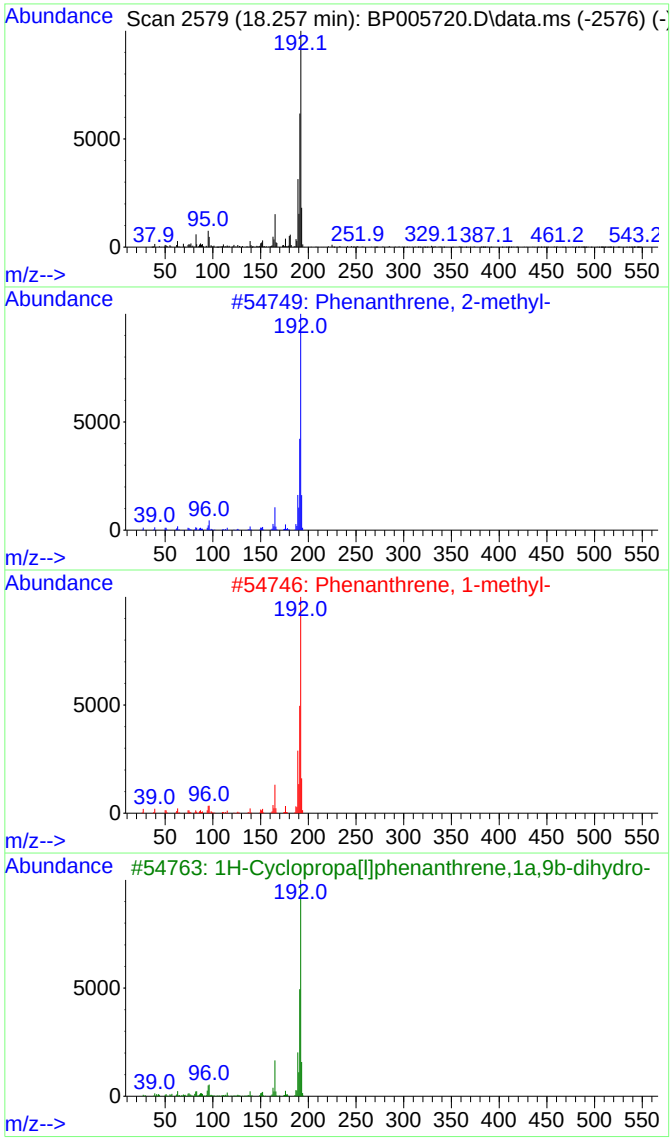
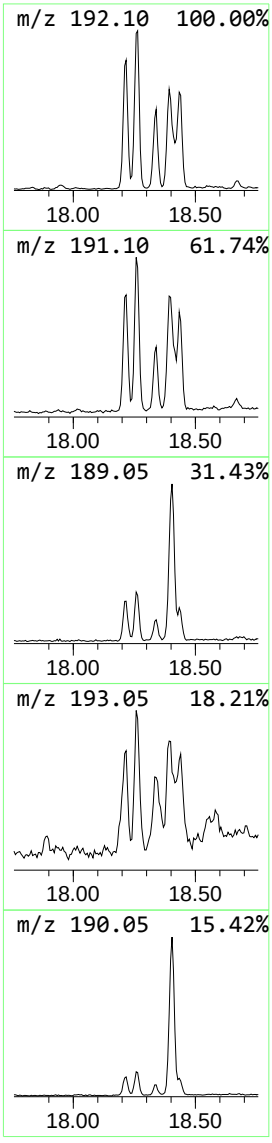
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	2.90 ng	290951	Phenanthrene-d10	17.351

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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Acq On : 04 Jun 2021 19:59
Operator : CG/JU
Sample : M2589-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

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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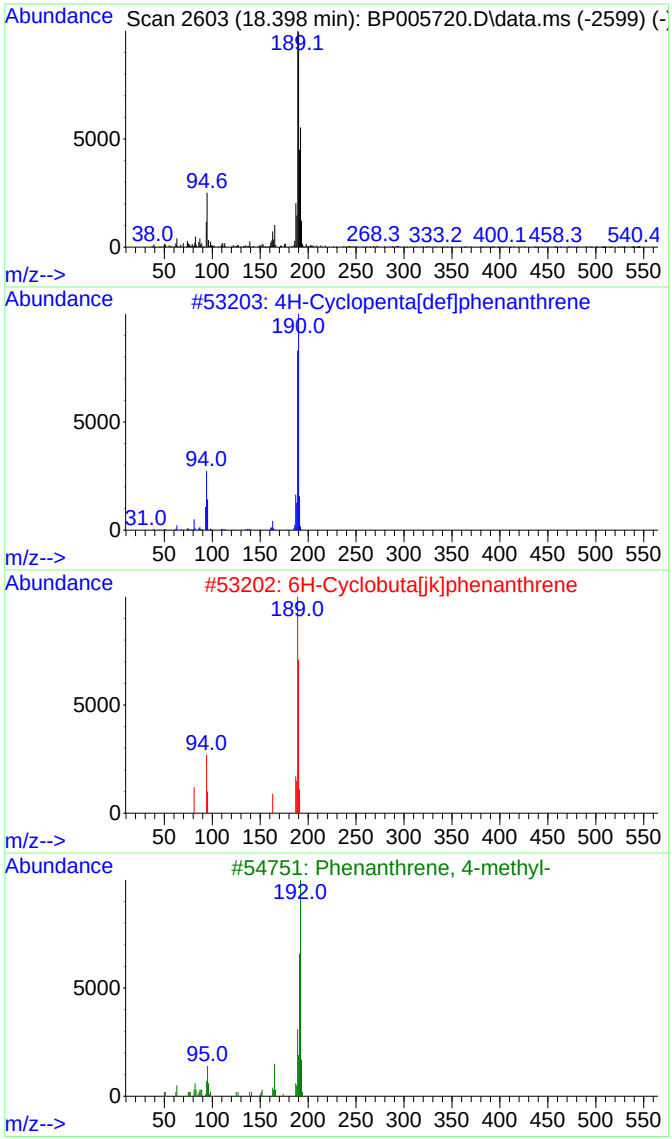
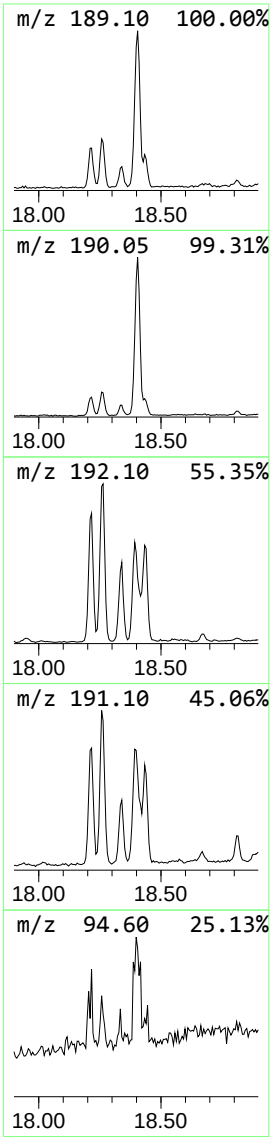
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	4.41 ng	442978	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	22
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	22
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	18





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Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

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

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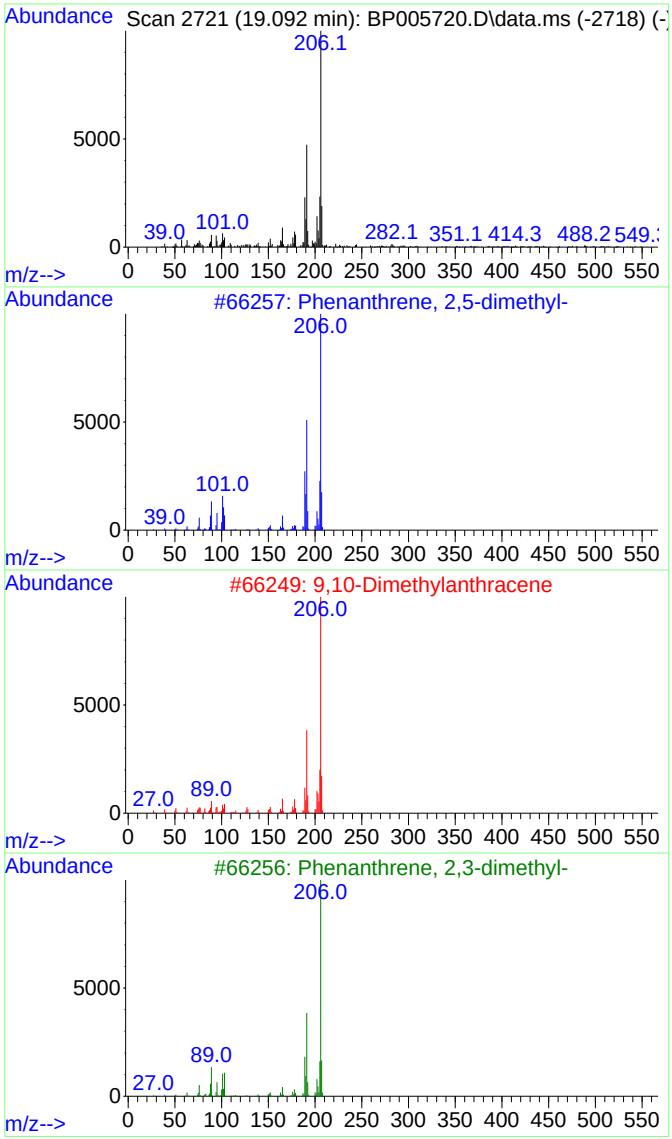
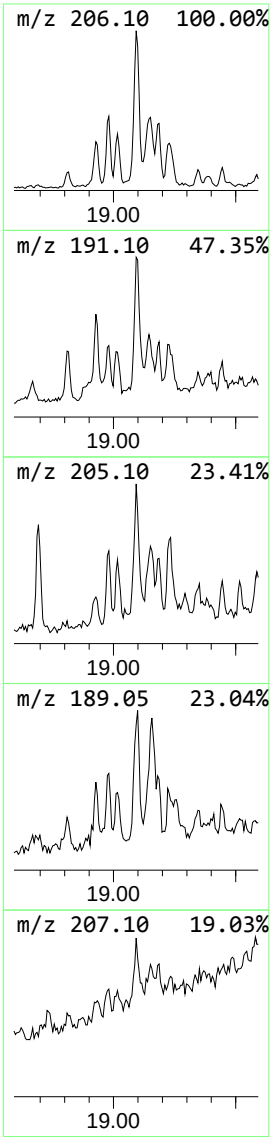
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	2.44 ng	244980	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Naphtho[1,2-b]t...	17.163	2.0	ng	205874	4	17.351	2009660	20.0
1H-Indene, 2-ph...	18.216	2.2	ng	223211	4	17.351	2009660	20.0
Phenanthrene, 2...	18.257	2.9	ng	290951	4	17.351	2009660	20.0
4H-Cyclopenta[d...	18.398	4.4	ng	442978	4	17.351	2009660	20.0
Phenanthrene, 2...	19.092	2.4	ng	244980	4	17.351	2009660	20.0