LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008216.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	35	41	55	rVB	601429	947871	59.63%	4.983%
2	4.922	324	329	338	rVB	30535	42372	2.67%	0.223%
3	5.387	400	408	418	rBV	249847	379484	23.87%	1.995%
4	6.981	673	679	692	rBV	204594	375607	23.63%	1.975%
5	7.793	808	817	827	rBV	440651	691443	43.50%	3.635%
6	8.952	1007	1014	1022	rBV	136208	243053	15.29%	1.278%
7	10.593	1280	1293	1299	rBV	536433	939455	59.10%	4.939%
8	10.640	1299	1301	1308	rVB2	19376	28662	1.80%	0.151%
9	12.257	1570	1576	1584	rVB	24498	42498	2.67%	0.223%
10	12.481	1606	1614	1619	rBV	31171	54631	3.44%	0.287%
11	13.063	1706	1713	1723	rBV	351646	551794	34.72%	2.901%
12	13.275	1745	1749	1754	rVB4	12580	19043	1.20%	0.100%
13	13.475	1779	1783	1791	rVB2	8841	20903	1.32%	0.110%
14	13.616	1800	1807	1814	rBV5	20362	53354	3.36%	0.280%
15	13.763	1826	1832	1837	rBV2	45606	78336	4.93%	0.412%
16	13.816	1837	1841	1846	rVB2	19624	30414	1.91%	0.160%
17	13.998	1865	1872	1876	rBV2	27164	48713	3.06%	0.256%
18	14.163	1896	1900	1909	rVB2	31515	51291	3.23%	0.270%
19	14.440	1938	1947	1954	rBV	799927	1286683	80.95%	6.764%
20	14.504	1954	1958	1967	rVB	84958	147090	9.25%	0.773%
21	14.657	1979	1984	1992	rBV3	16877	41294	2.60%	0.217%
22	14.757	1995	2001	2005	rVV2	19675	35478	2.23%	0.187%
23	14.845	2011	2016	2022	rVB	49529	76621	4.82%	0.403%
24	14.922	2026	2029	2035	rVB	26234	34688	2.18%	0.182%
25	15.069	2049	2054	2058	rBV3	25497	45400	2.86%	0.239%
26	15.116	2058	2062	2066	rVB	21941	31192	1.96%	0.164%
27	15.492	2121	2126	2132	rBV	128040	206190	12.97%	1.084%
28	15.587	2140	2142	2145	rBV2	15494	22429	1.41%	0.118%
29	15.622	2145	2148	2151	rVV3	29239	36401	2.29%	0.191%
30	15.657	2151	2154	2159	rVB3	36601	50840	3.20%	0.267%
31	15.710	2160	2163	2166	rBV3	19715	24793	1.56%	0.130%
32	15.792	2173	2177	2185	rVB3	40086	82917	5.22%	0.436%
33	15.945	2197	2203	2210	rBV	219759	363960	22.90%	1.913%
34	16.557	2304	2307	2311	rVB	29412	37612	2.37%	0.198%
35	17.022	2382	2386	2395	rVB	73295	124934	7.86%	0.657%
36	17.204	2411	2417	2421	rBV	965860	1441653	90.70%	7.579%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
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Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.245	2421	2424	2431	rVV	1047435	1470152	92.49%	7.729%
38	17.334	2435	2439	2445	rVB	252253	383684	24.14%	2.017%
39	17.616	2484	2487	2493	rBV	46855	74346	4.68%	0.391%
40	17.786	2513	2516	2519	rBV	45168	54052	3.40%	0.284%
41	18.075	2561	2565	2569	rBV	196994	281848	17.73%	1.482%
42	18.122	2569	2573	2581	rVB	240340	361094	22.72%	1.898%
43	18.204	2583	2587	2592	rVV	98958	147911	9.31%	0.778%
44	18.263	2592	2597	2601	rVV2	270109	499495	31.42%	2.626%
45	18.298	2601	2603	2608	rVB	159122	202281	12.73%	1.063%
46	18.563	2644	2648	2652	rBV	101190	141580	8.91%	0.744%
47	18.969	2714	2717	2720	rBV	117350	143058	9.00%	0.752%
48	19.222	2756	2760	2769	rBV	918972	1251269	78.72%	6.578%
49	19.575	2812	2820	2829	rBV	833767	1477999	92.99%	7.770%
50	19.775	2850	2854	2858	rVB	503316	581795	36.60%	3.059%
51	20.063	2900	2903	2908	rVB	170838	237367	14.93%	1.248%
52	21.304	3109	3114	3118	rBV2	942491	1589491	100.00%	8.356%
53	21.345	3118	3121	3126	rVB	348664	435936	27.43%	2.292%
54	23.704	3517	3522	3529	rVB2	541696	998800	62.84%	5.251%

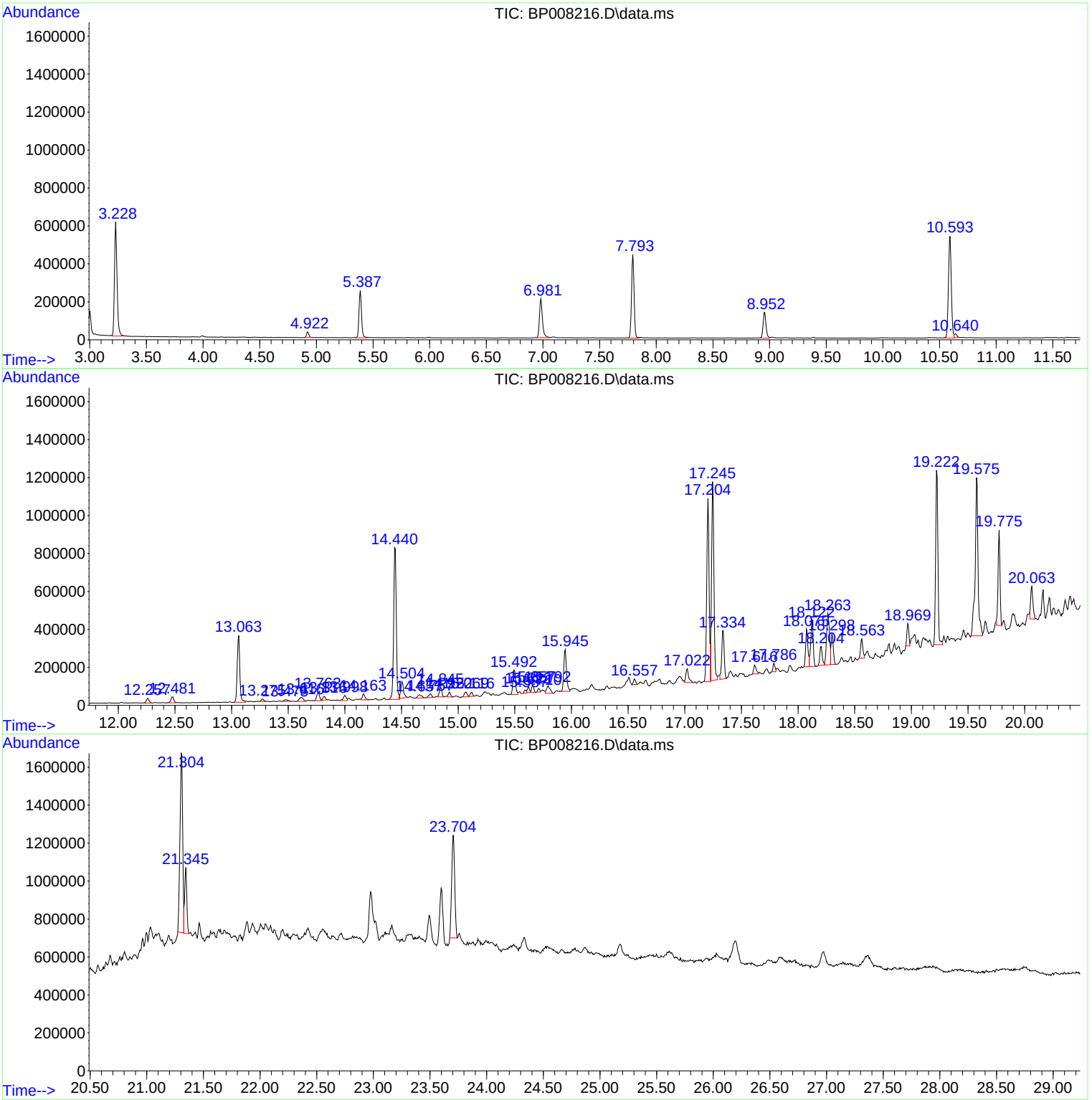
Sum of corrected areas: 19021257

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

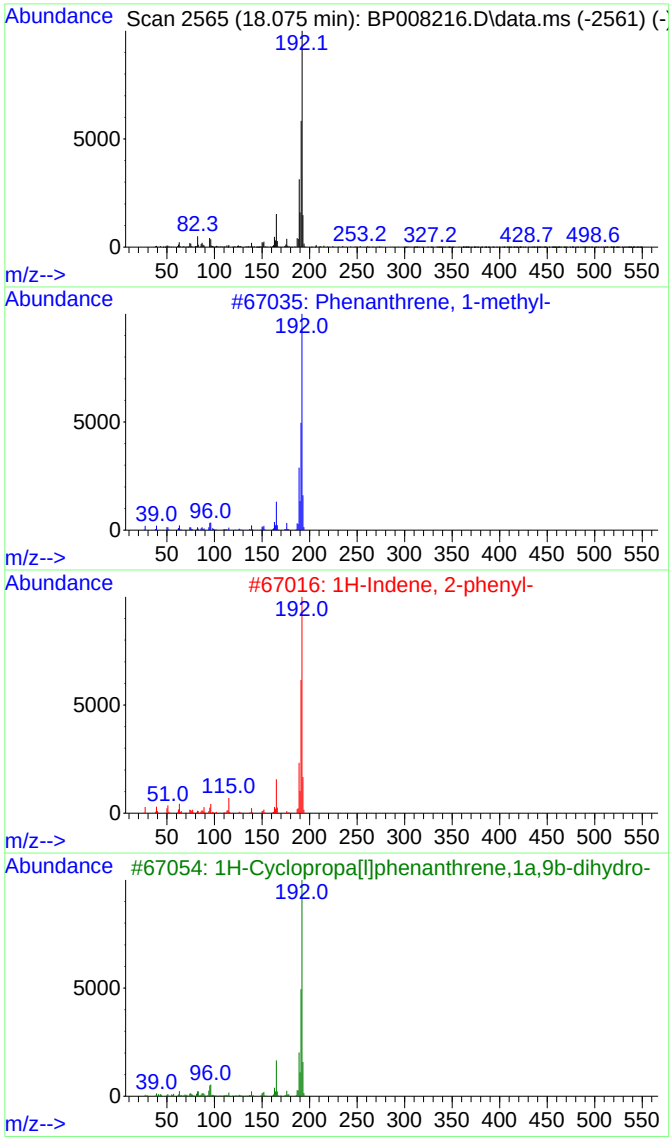
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

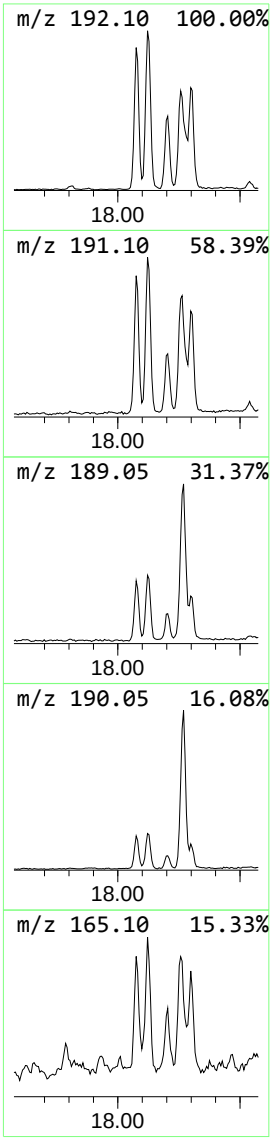
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	3.91 ng	281848	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

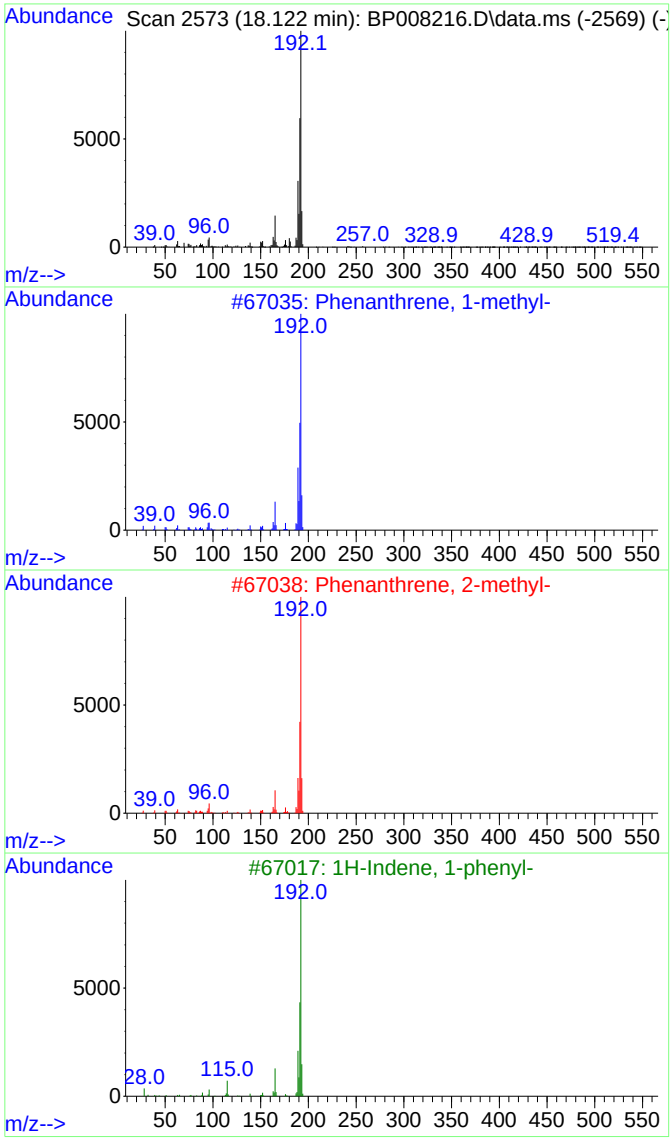
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

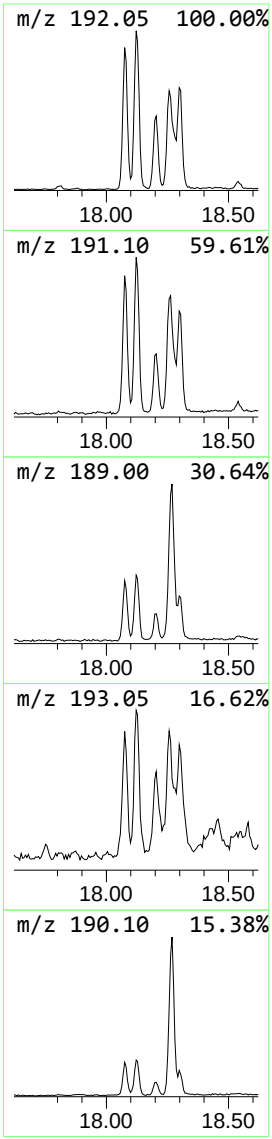
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	5.01 ng	361094	Phenanthrene-d10	17.204

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-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

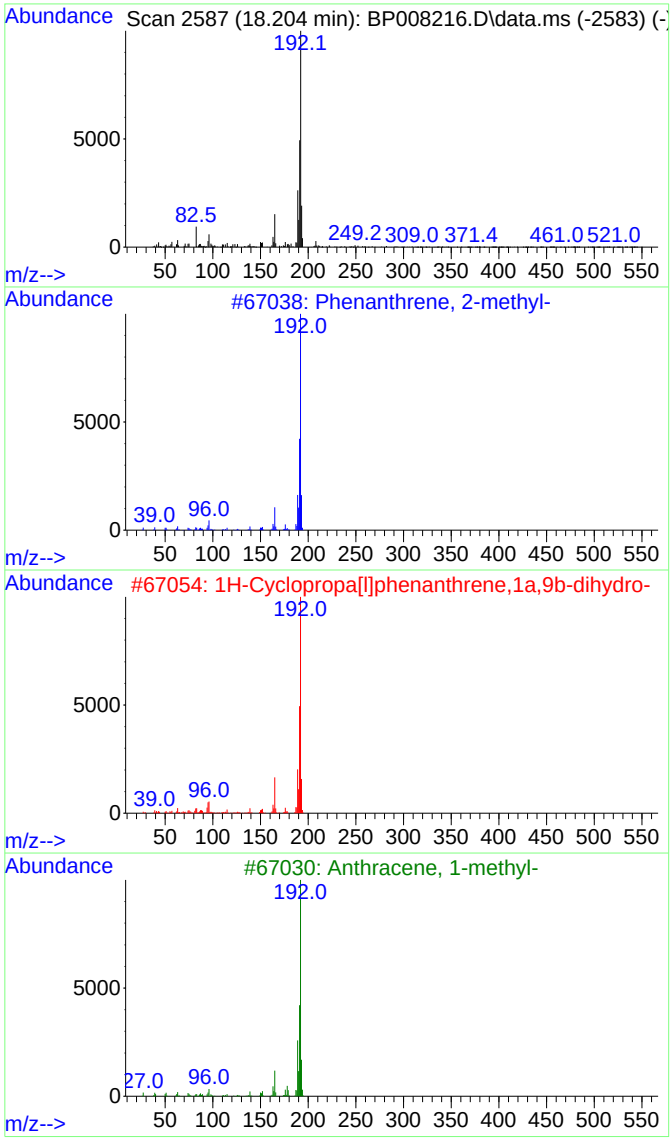
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

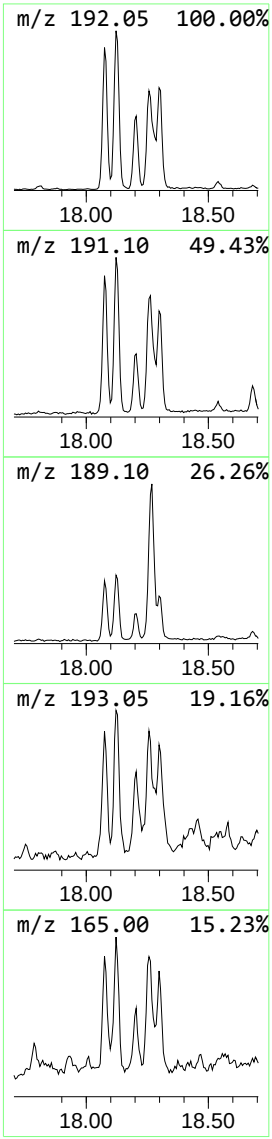
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.05 ng	147911	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

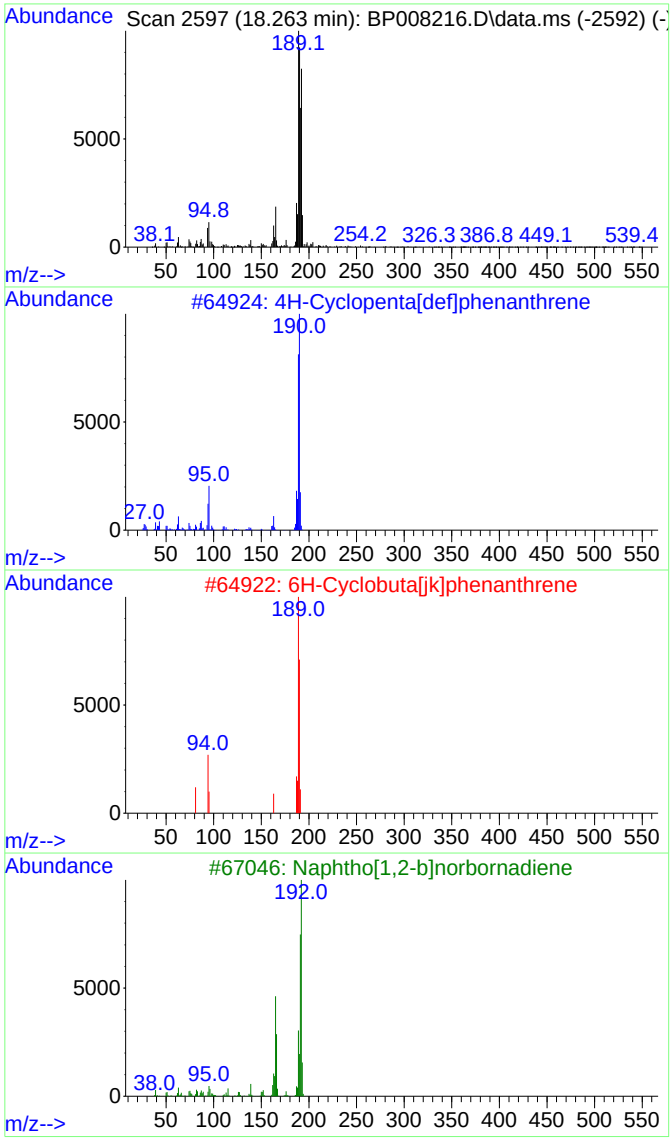
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

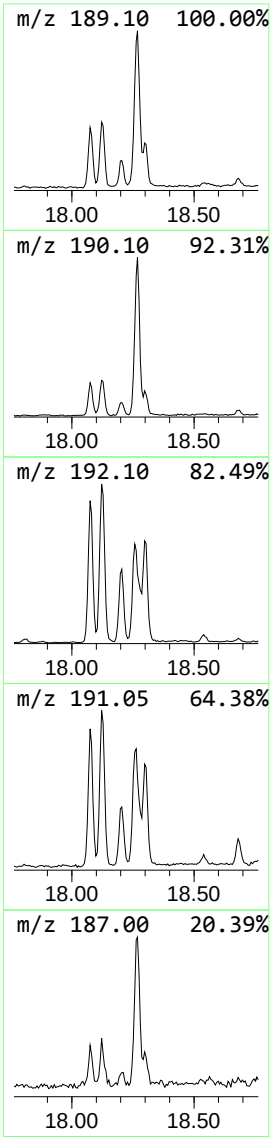
****

Peak Number 6 unknown18.263 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	6.93 ng	499495	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

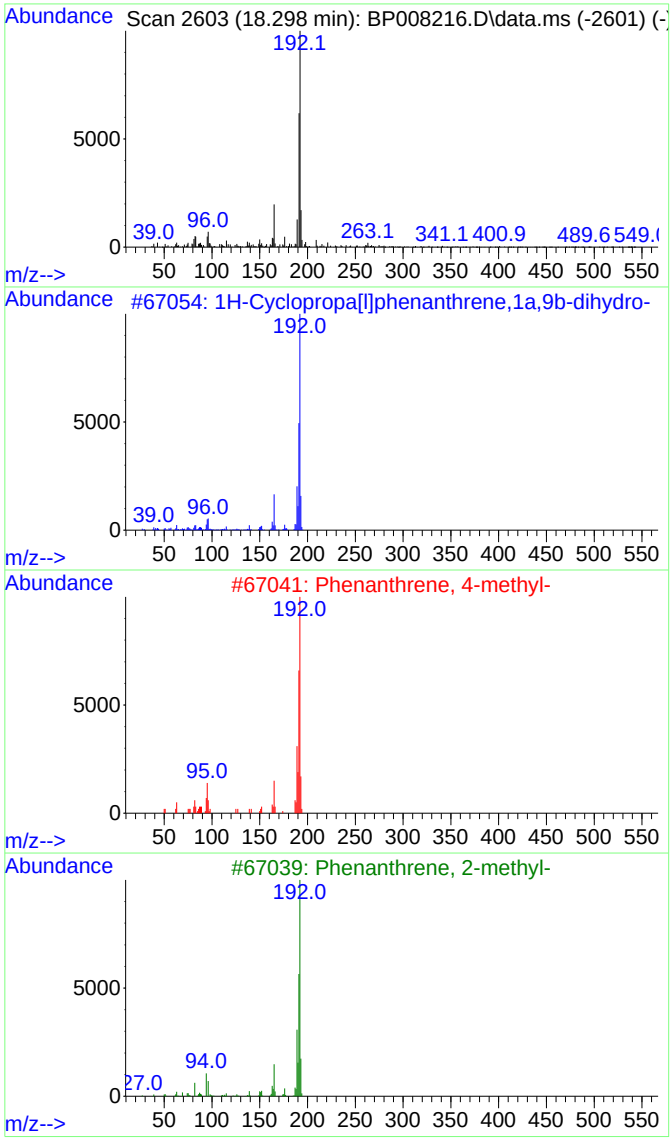
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

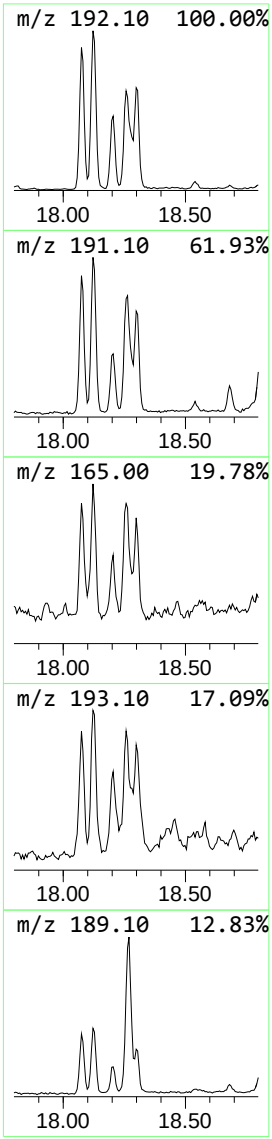
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	2.81 ng	202281	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

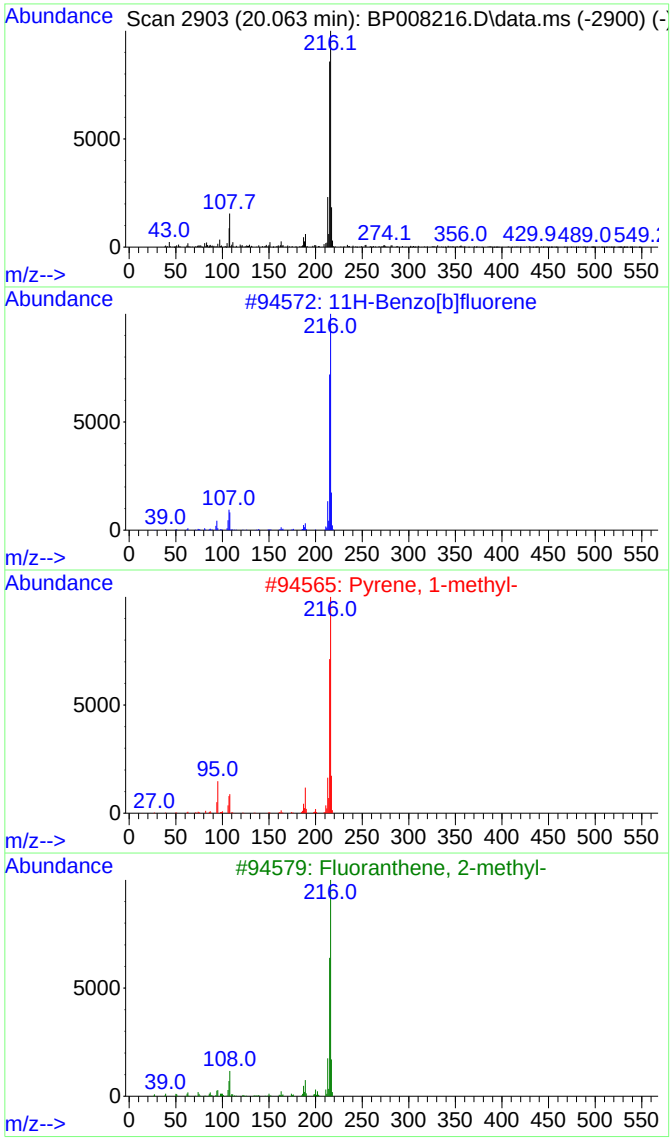
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

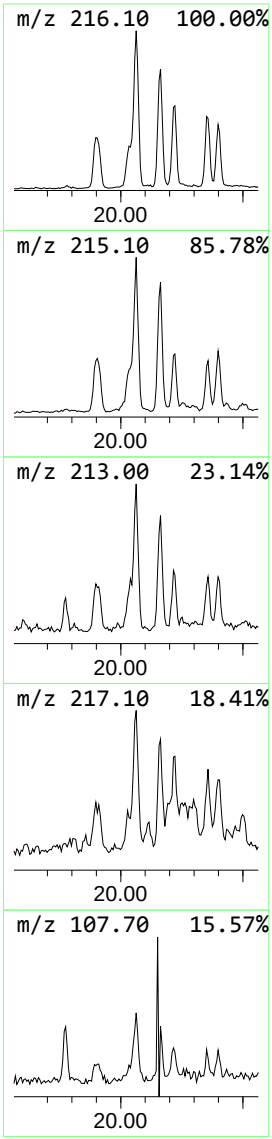
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	2.99 ng	237367	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	18.075	3.9	ng	281848	4	17.204	1441650	20.0
Phenanthrene, 2...	18.122	5.0	ng	361094	4	17.204	1441650	20.0
1H-Cyclopropa[l...	18.204	2.0	ng	147911	4	17.204	1441650	20.0
unknown18.263	18.263	6.9	ng	499495	4	17.204	1441650	20.0
Phenanthrene, 4...	18.298	2.8	ng	202281	4	17.204	1441650	20.0
11H-Benzo[b]flu...	20.063	3.0	ng	237367	5	21.310	1589490	20.0