LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009517.D
Acq On : 23 Mar 2022 21:26
Operator : CG/JU
Sample : N2031-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009517.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	5	9	14	rBV	632921	791343	6.24%	0.615%
2	3.081	14	16	36	rVB	144818	261552	2.06%	0.203%
3	4.928	324	330	340	rVB2	128867	236612	1.86%	0.184%
4	5.393	402	409	427	rBV	5162654	8745906	68.93%	6.797%
5	6.975	670	678	696	rBV	4758425	8886485	70.04%	6.906%
6	7.787	807	816	826	rBV	1691692	2945182	23.21%	2.289%
7	8.946	1002	1013	1037	rBV	3104085	5976233	47.10%	4.644%
8	9.393	1083	1089	1097	rVB2	69759	127360	1.00%	0.099%
9	10.581	1283	1291	1308	rBV	2052736	3997456	31.51%	3.107%
10	13.051	1703	1711	1728	rBV	7902596	12688280	100.00%	9.860%
11	13.269	1743	1748	1760	rVB	116371	189726	1.50%	0.147%
12	14.151	1892	1898	1909	rBV	149913	260635	2.05%	0.203%
13	14.428	1938	1945	1952	rBV	2750197	4458653	35.14%	3.465%
14	14.493	1952	1956	1964	rVB	95523	179967	1.42%	0.140%
15	15.487	2120	2125	2137	rVB3	71094	148422	1.17%	0.115%
16	15.928	2193	2200	2213	rBV	4334602	7248776	57.13%	5.633%
17	17.010	2381	2384	2393	rVB	76159	136497	1.08%	0.106%
18	17.192	2408	2415	2419	rBV	2669651	4200900	33.11%	3.265%
19	17.234	2419	2422	2429	rVV	1372472	2154375	16.98%	1.674%
20	17.328	2433	2438	2445	rVB	393566	649120	5.12%	0.504%
21	18.069	2558	2564	2567	rBV	227302	377601	2.98%	0.293%
22	18.110	2567	2571	2577	rVB2	471236	877334	6.91%	0.682%
23	18.198	2582	2586	2591	rVV	146073	244032	1.92%	0.190%
24	18.257	2591	2596	2600	rVV2	391817	727218	5.73%	0.565%
25	18.292	2600	2602	2611	rVB	171164	230322	1.82%	0.179%
26	18.557	2643	2647	2650	rBV	156646	193376	1.52%	0.150%
27	18.598	2651	2654	2659	rVB3	133285	191924	1.51%	0.149%
28	18.963	2711	2716	2720	rBV	218773	373229	2.94%	0.290%
29	19.098	2736	2739	2745	rBV	155653	247461	1.95%	0.192%
30	19.216	2754	2759	2765	rBV	4321105	6097217	48.05%	4.738%
31	19.363	2779	2784	2789	rVB2	160633	294009	2.32%	0.228%
32	19.569	2810	2819	2829	rBV	3955825	6965454	54.90%	5.413%
33	19.775	2847	2854	2859	rBV	8983386	11697074	92.19%	9.090%
34	20.028	2893	2897	2899	rBV3	235153	396314	3.12%	0.308%
35	20.057	2899	2902	2907	rVB	493004	683614	5.39%	0.531%
36	20.157	2916	2919	2923	rBV2	276924	365005	2.88%	0.284%

LSC Area Percent Report

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Acq On : 23 Mar 2022 21:26
Operator : CG/JU
Sample : N2031-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.216	2926	2929	2932	rVB2	327944	436854	3.44%	0.339%
38	20.798	3025	3028	3034	rVB	416103	563679	4.44%	0.438%
39	21.227	3097	3101	3105	rVB	1176365	1325676	10.45%	1.030%
40	21.304	3108	3114	3118	rVV2	4809512	9590956	75.59%	7.453%
41	21.345	3118	3121	3131	rVB	2462391	3668640	28.91%	2.851%
42	22.986	3394	3400	3412	rVB	2276077	7127163	56.17%	5.539%
43	23.498	3483	3487	3497	rVB	1399880	2956615	23.30%	2.298%
44	23.610	3500	3506	3514	rVB	2042235	4303684	33.92%	3.345%
45	23.716	3518	3524	3529	rBV2	2316415	4460131	35.15%	3.466%

Sum of corrected areas: 128678062

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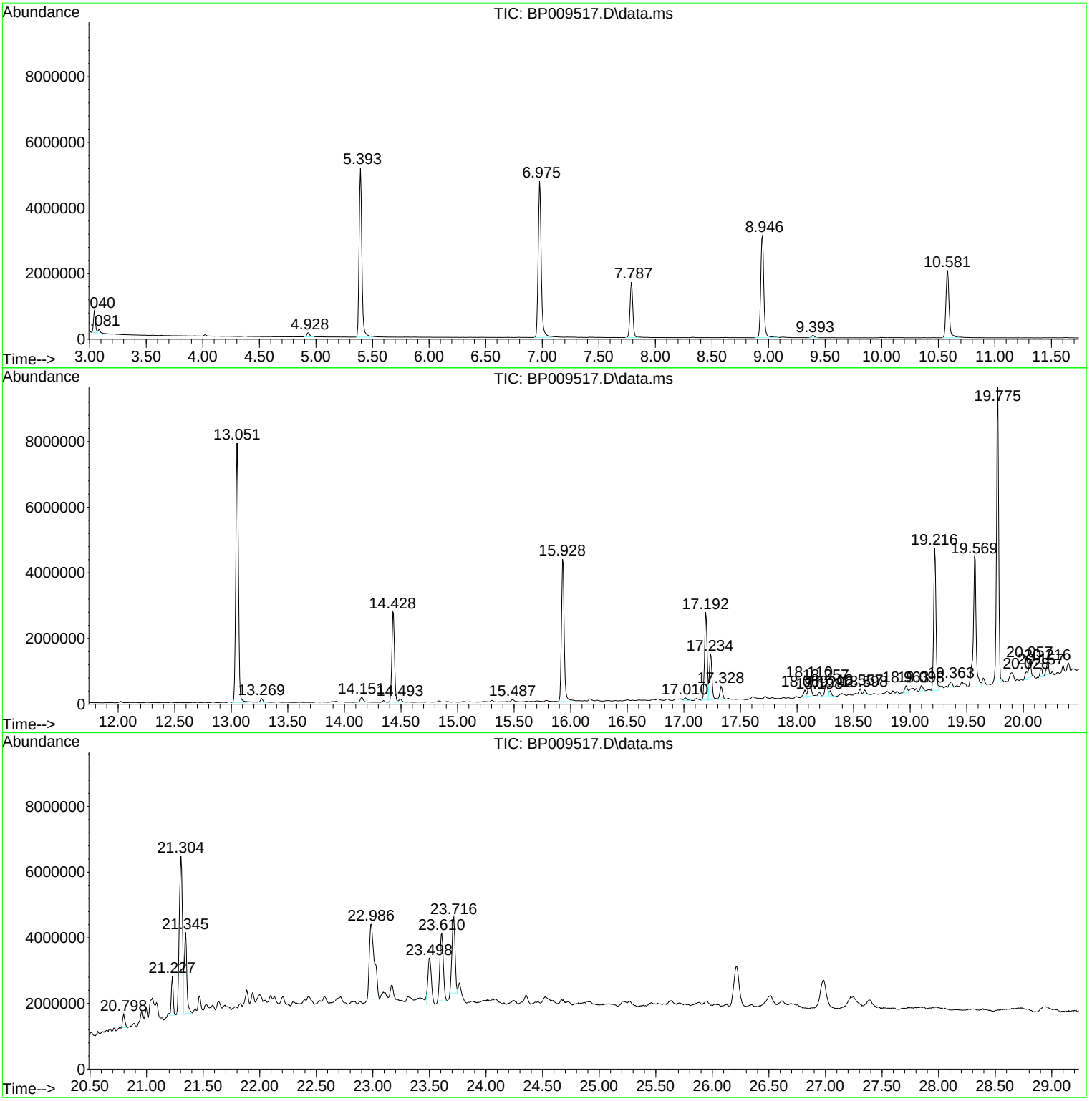
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009517.D
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Operator : CG/JU
Sample : N2031-10
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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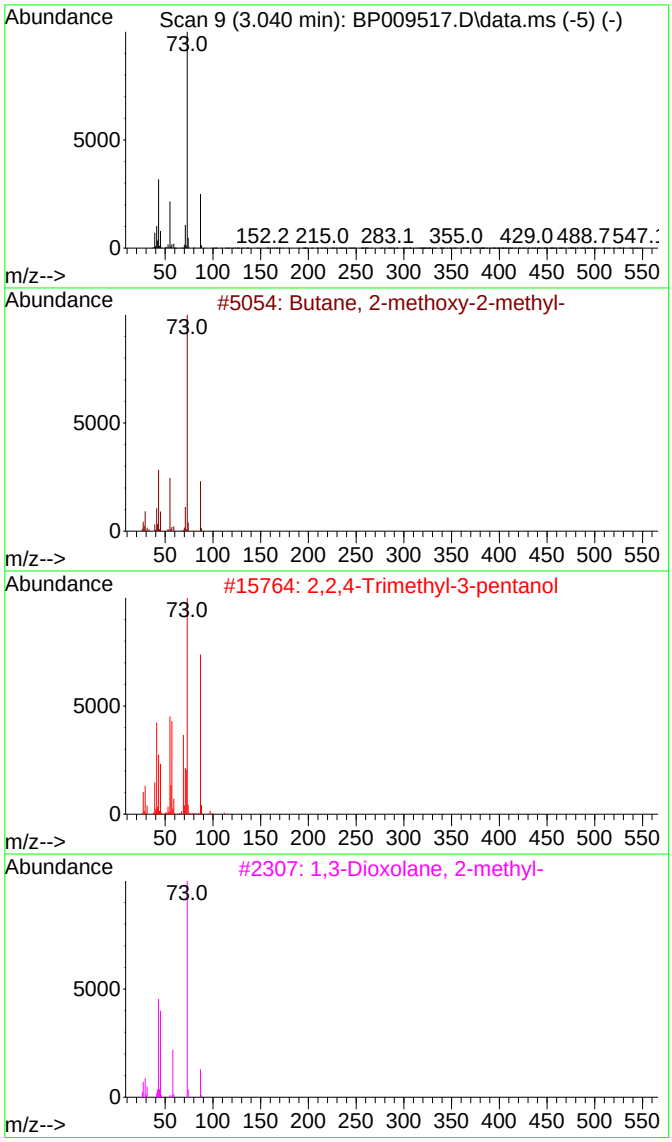
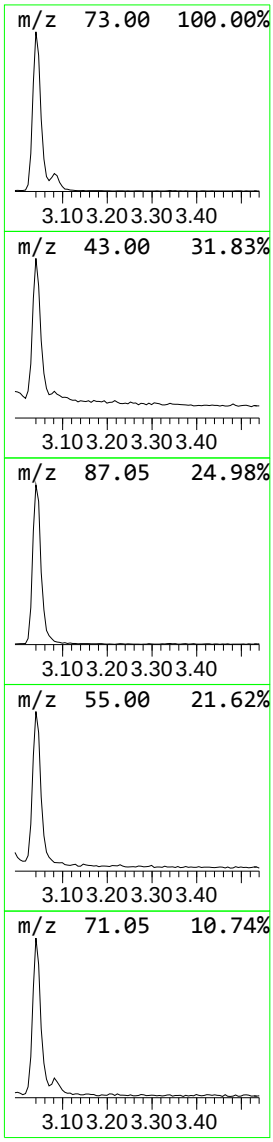
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	5.37 ng	791343	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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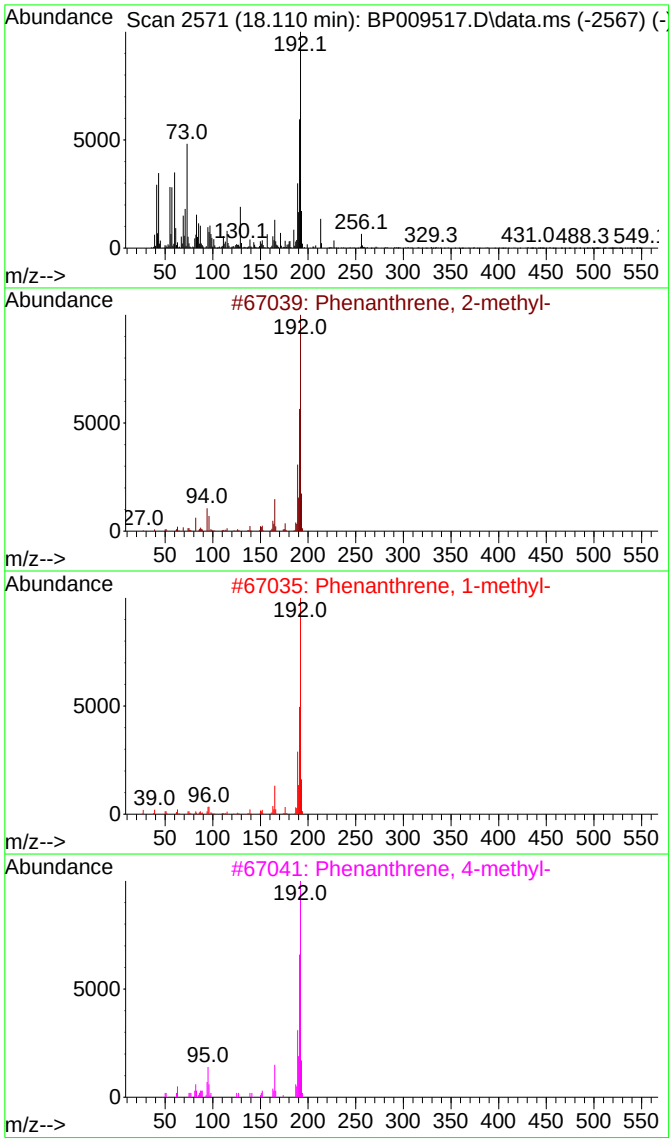
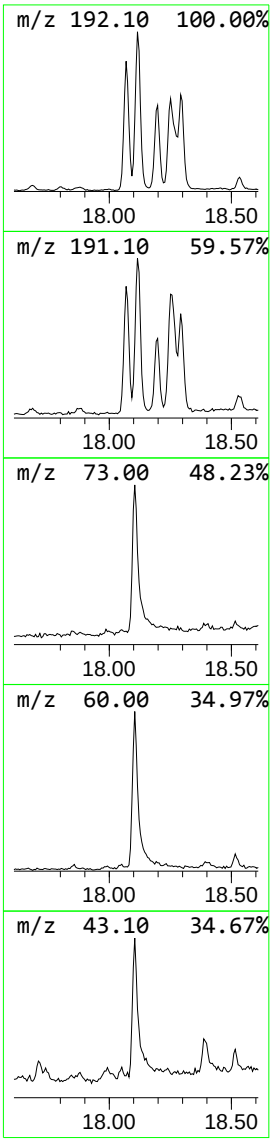
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	4.18 ng	877334	Phenanthrene-d10	17.192

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
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Acq On : 23 Mar 2022 21:26
Operator : CG/JU
Sample : N2031-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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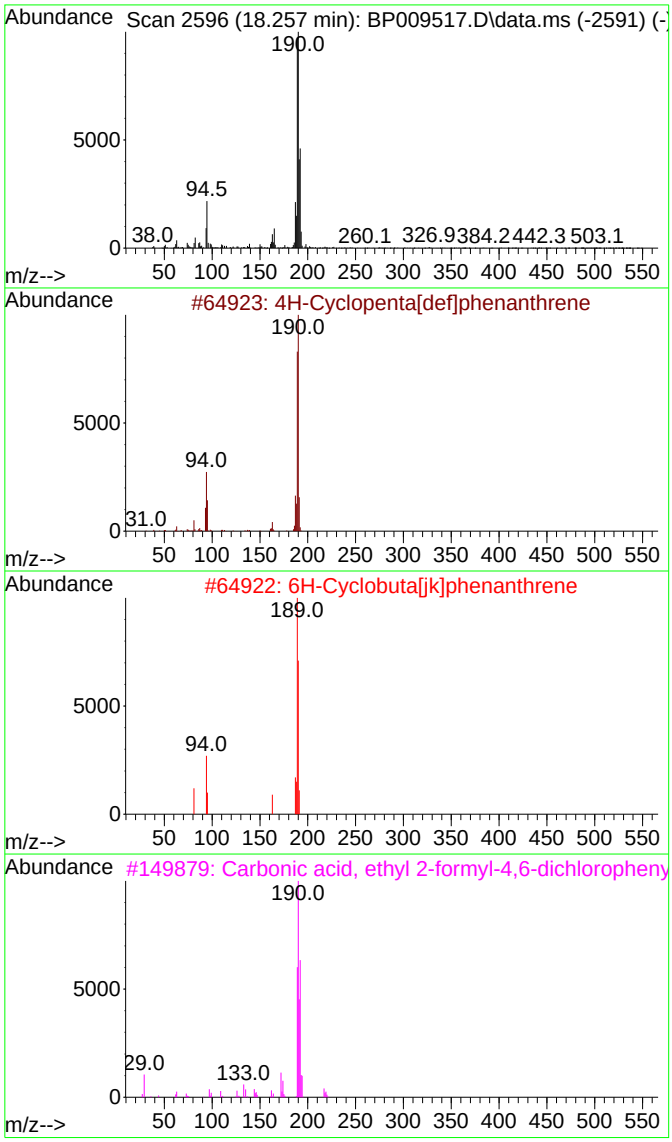
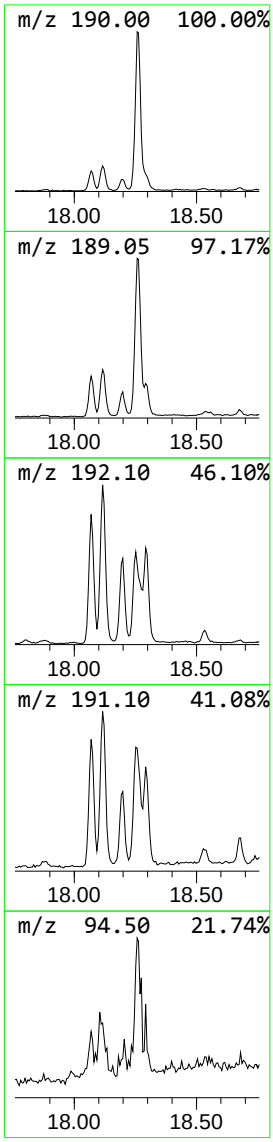
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	3.46 ng	727218	Phenanthrene-d10	17.192

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	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Operator : CG/JU
Sample : N2031-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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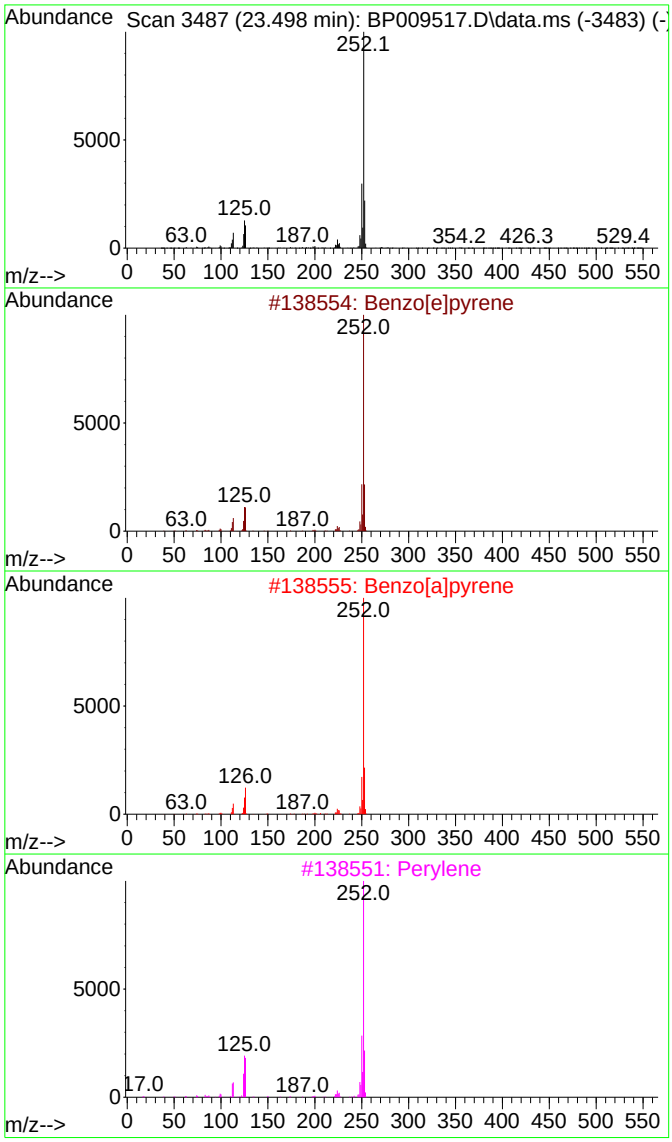
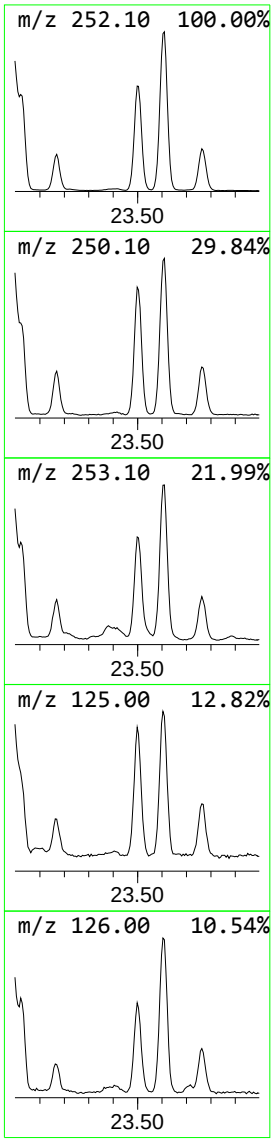
Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.498	13.26 ng	2956620	Perylene-d12	23.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
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Sample : N2031-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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
Butane, 2-metho...	3.040	5.4	ng	791343	1	7.787	2945180	20.0
Phenanthrene, 2...	18.110	4.2	ng	877334	4	17.192	4200900	20.0
4H-Cyclopenta[d...	18.257	3.5	ng	727218	4	17.192	4200900	20.0
Benzo[e]pyrene	23.498	13.3	ng	2956620	6	23.716	4460130	20.0