LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

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: BP009667.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	393	399	427	rBV	2687440	4815067	18.02%	3.659%
2	6.922	658	669	693	rBV	2347448	4945484	18.51%	3.758%
3	7.728	799	806	816	rBV	755996	1378493	5.16%	1.047%
4	8.887	995	1003	1013	rBV	1681274	3288348	12.31%	2.499%
5	10.516	1270	1280	1286	rBV	960379	1859536	6.96%	1.413%
6	12.998	1694	1702	1717	rBV	4667663	7605579	28.47%	5.779%
7	14.375	1929	1936	1943	rBV	1516030	2446677	9.16%	1.859%
8	14.439	1943	1947	1957	rVB	214032	367362	1.38%	0.279%
9	15.434	2111	2116	2128	rVB	315390	518127	1.94%	0.394%
10	15.881	2185	2192	2204	rBV	3367342	5491522	20.56%	4.173%
11	16.898	2357	2365	2371	rBV3	113111	322635	1.21%	0.245%
12	16.963	2371	2376	2383	rVB	176143	282127	1.06%	0.214%
13	17.145	2401	2407	2410	rBV	1916088	2873905	10.76%	2.184%
14	17.186	2410	2414	2421	rVV	3293708	4829167	18.08%	3.670%
15	17.280	2425	2430	2436	rVB	542926	858847	3.21%	0.653%
16	17.557	2470	2477	2490	rBV	372786	768922	2.88%	0.584%
17	18.022	2549	2556	2559	rBV	398326	672811	2.52%	0.511%
18	18.063	2559	2563	2569	rVB2	699978	1173515	4.39%	0.892%
19	18.210	2582	2588	2592	rVV2	624313	1077502	4.03%	0.819%
20	18.245	2592	2594	2602	rVB	261365	343927	1.29%	0.261%
21	18.510	2635	2639	2642	rVB	275864	343530	1.29%	0.261%
22	18.557	2642	2647	2652	rVB	315186	439566	1.65%	0.334%
23	18.916	2704	2708	2711	rBV	183262	270263	1.01%	0.205%
24	18.969	2712	2717	2721	rVV4	404238	621075	2.32%	0.472%
25	19.051	2728	2731	2737	rVB2	227115	354048	1.33%	0.269%
26	19.169	2746	2751	2758	rBV	4877682	7135725	26.71%	5.422%
27	19.522	2802	2811	2821	rBV2	3688320	7140857	26.73%	5.426%
28	19.598	2821	2824	2829	rVB2	209223	314968	1.18%	0.239%
29	19.727	2838	2846	2851	rBV	8053827	10970246	41.07%	8.336%
30	19.845	2861	2866	2872	rBV2	299345	756157	2.83%	0.575%
31	19.980	2885	2889	2890	rBV3	214983	296059	1.11%	0.225%
32	20.016	2891	2895	2900	rVB	741822	1082656	4.05%	0.823%
33	20.110	2907	2911	2915	rBV	557983	751453	2.81%	0.571%
34	20.751	3017	3020	3026	rVB	410477	571206	2.14%	0.434%
35	20.910	3044	3047	3051	rBV3	372977	566654	2.12%	0.431%
36	20.951	3051	3054	3056	rVV	418961	532681	1.99%	0.405%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

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	20.986	3057	3060	3066	rVV3	835739	1488376	5.57%	1.131%
38	21.045	3068	3070	3076	rVB	487219	640340	2.40%	0.487%
39	21.257	3100	3106	3110	rBV2	3501862	7379302	27.62%	5.607%
40	21.298	3110	3113	3121	rVB	2368823	3066865	11.48%	2.330%
41	21.386	3122	3128	3142	rBV	17207626	26714112	100.00%	20.300%
42	22.921	3383	3389	3394	rBV	2127490	5072956	18.99%	3.855%
43	23.427	3471	3475	3486	rVB	1119716	2410702	9.02%	1.832%
44	23.533	3488	3493	3502	rVB	1776006	3508469	13.13%	2.666%
45	23.639	3505	3511	3517	rBV2	1584662	3250601	12.17%	2.470%

Sum of corrected areas: 131598420

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
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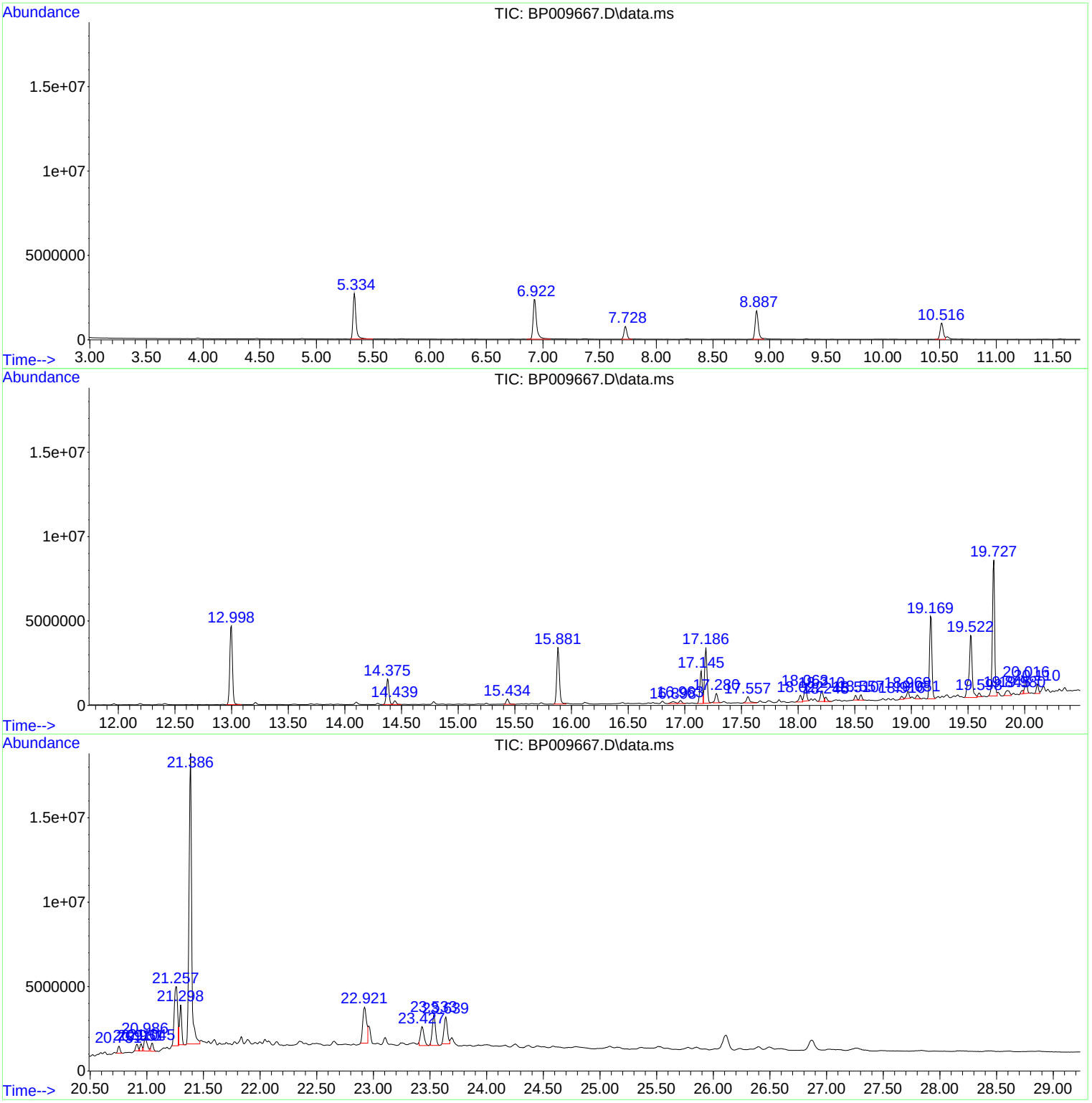
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

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\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

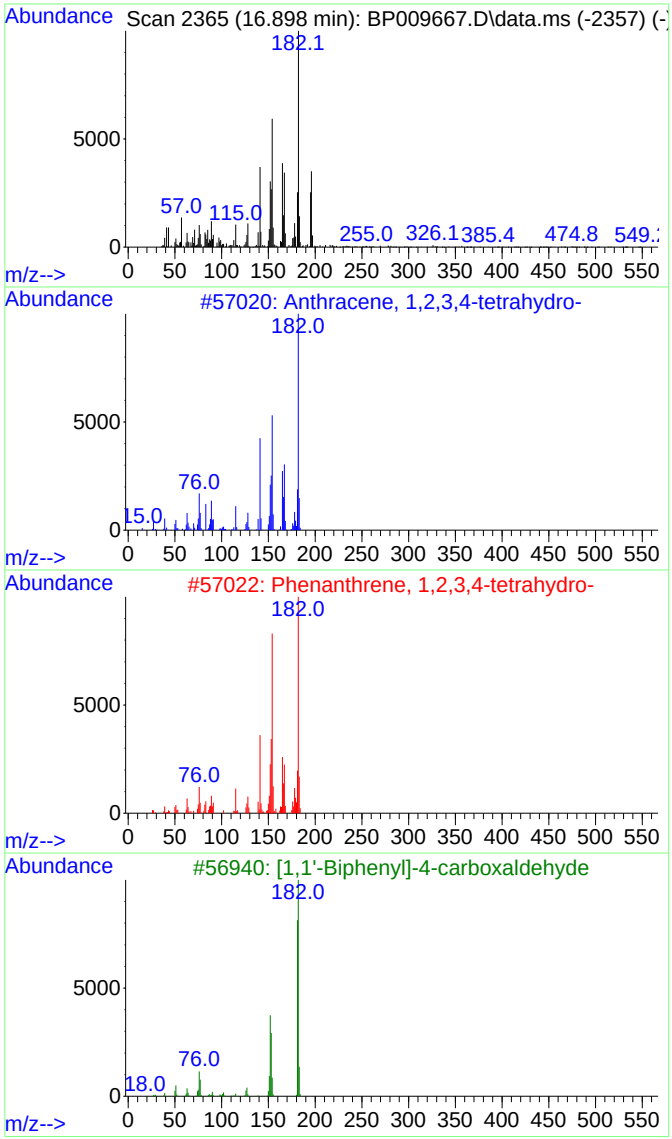
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

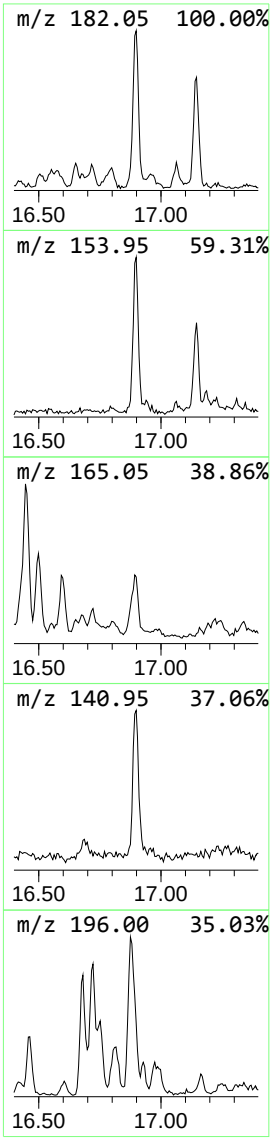
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	2.25 ng	322635	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	92
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	56
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	55
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

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

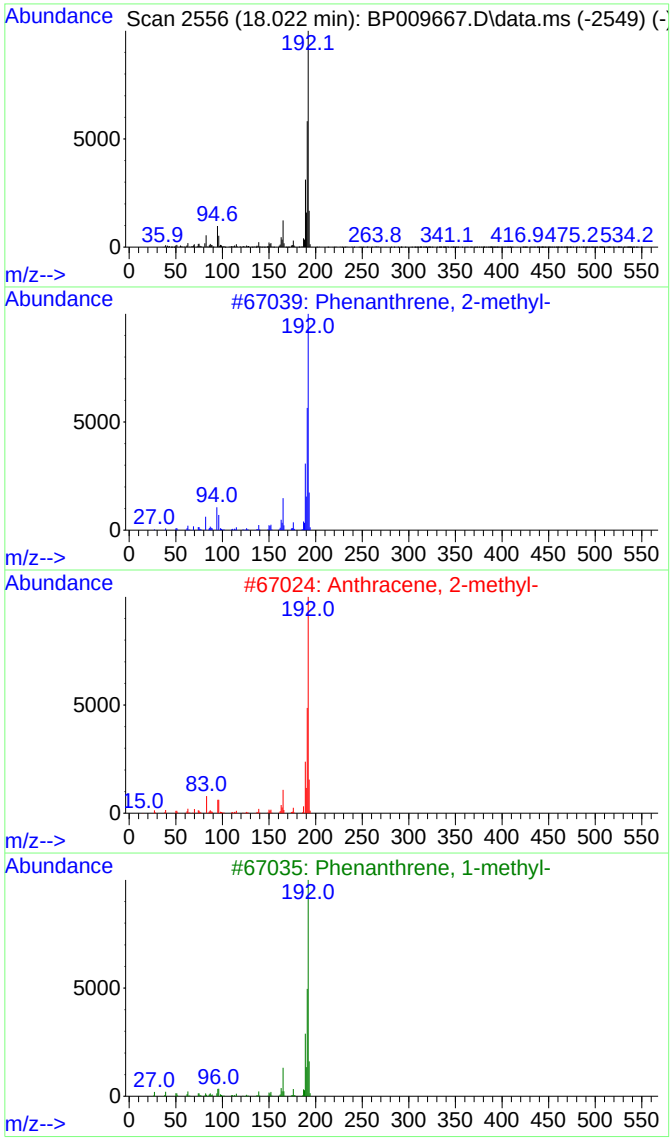
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

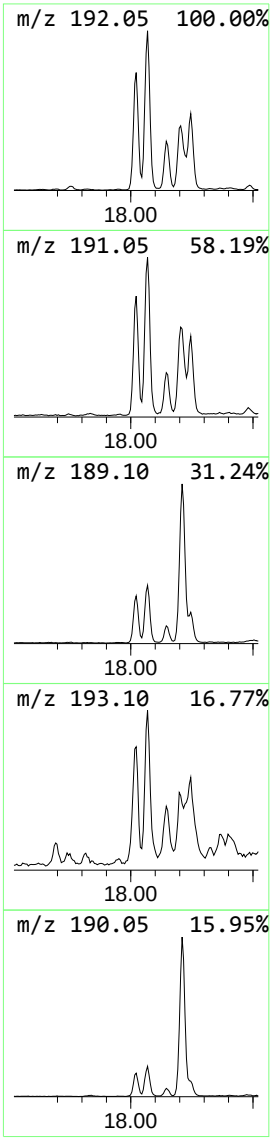
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	4.68 ng	672811	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

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

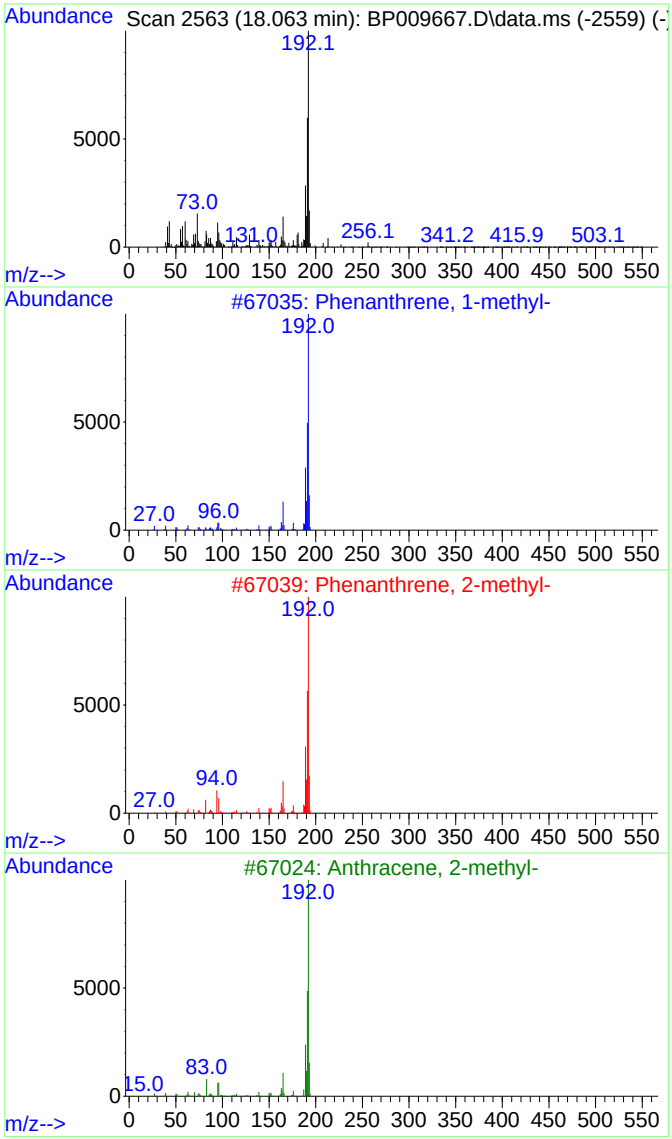
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

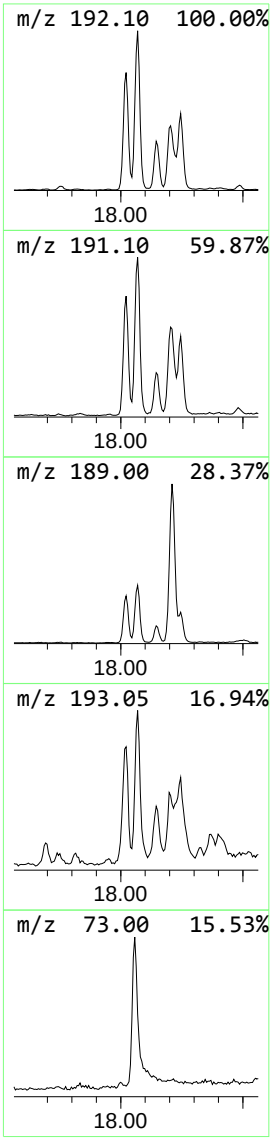
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	8.17 ng	1173520	Phenanthrene-d10	17.145

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

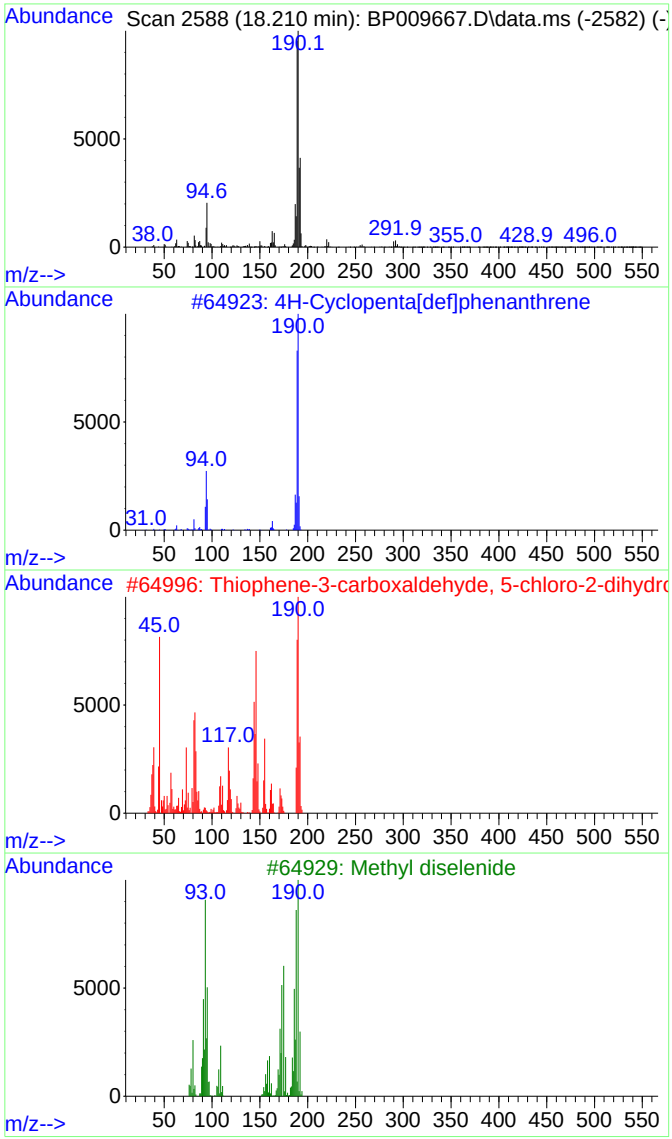
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

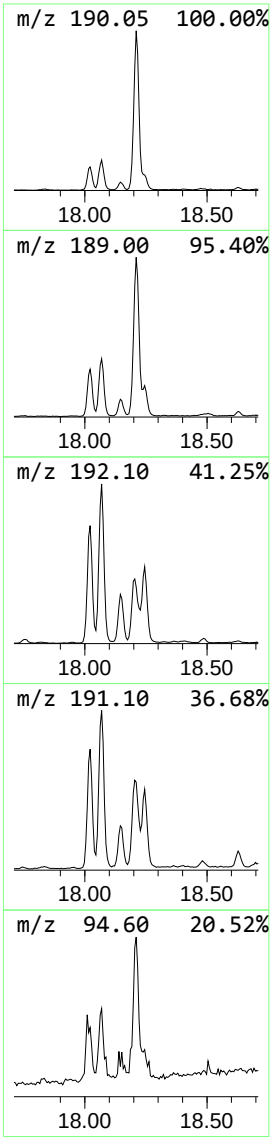
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	7.50 ng	1077500	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

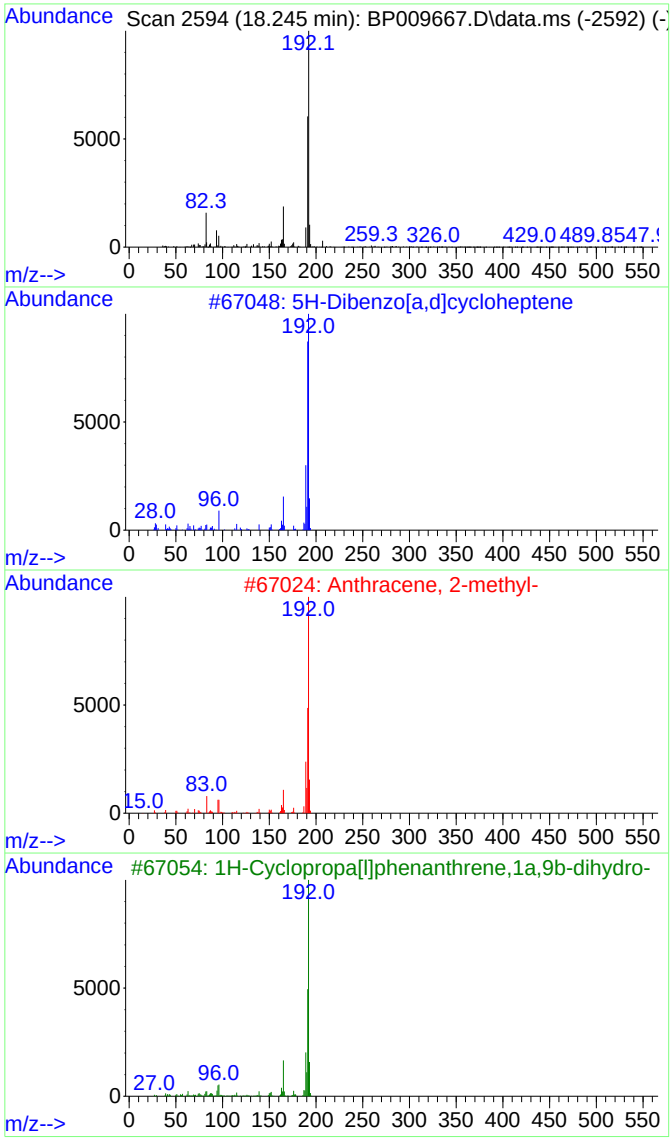
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

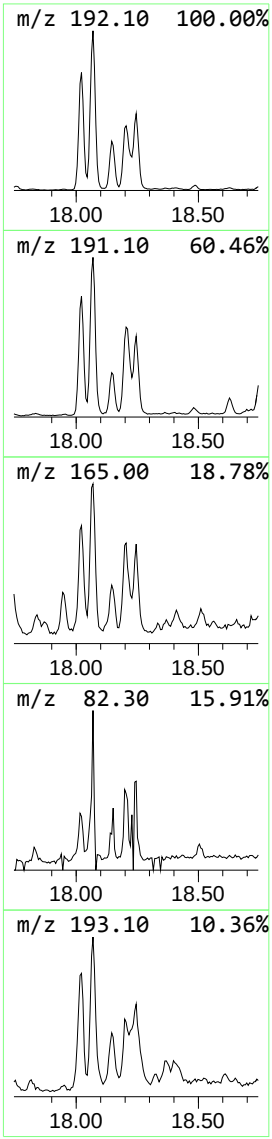
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5H-Dibenzo[a,d]cycloheptene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	2.39 ng	343927	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	74
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

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

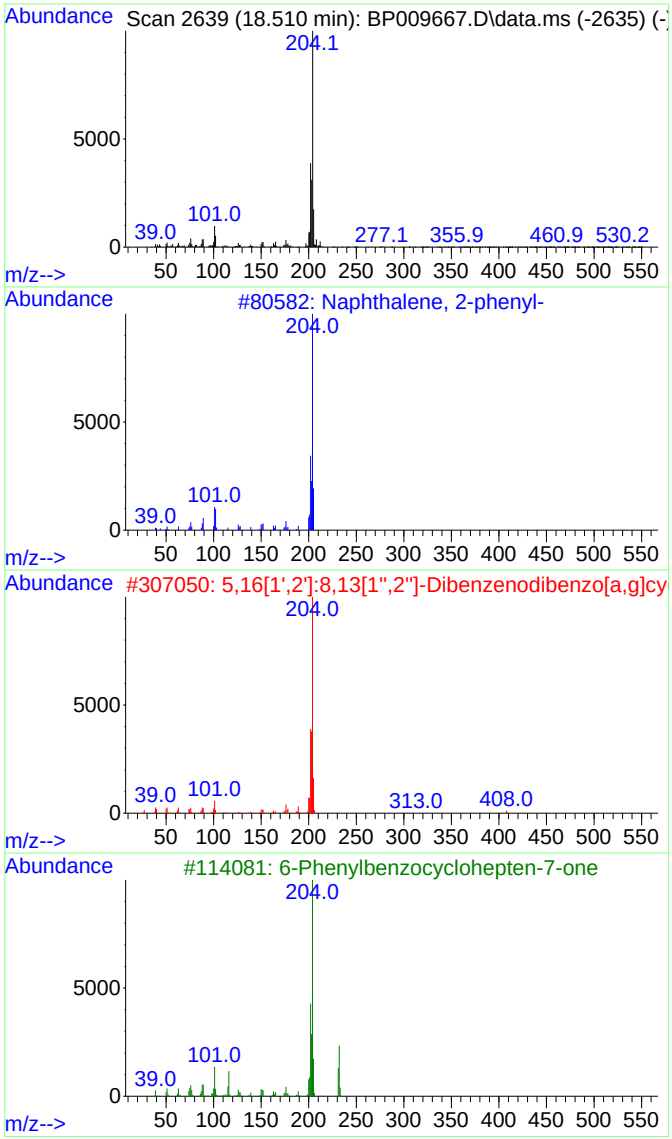
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

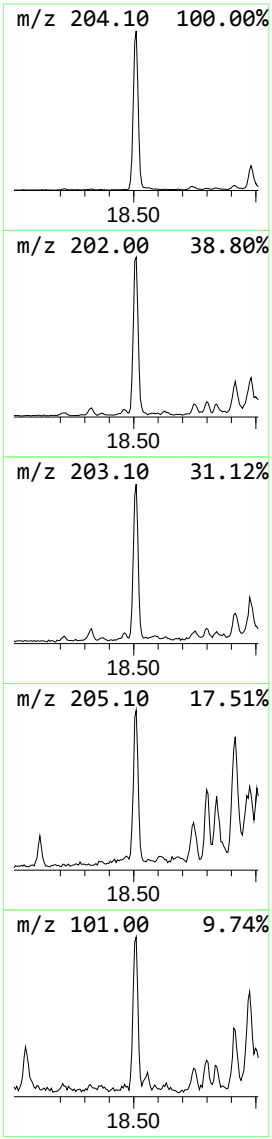
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	2.39 ng	343530	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
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

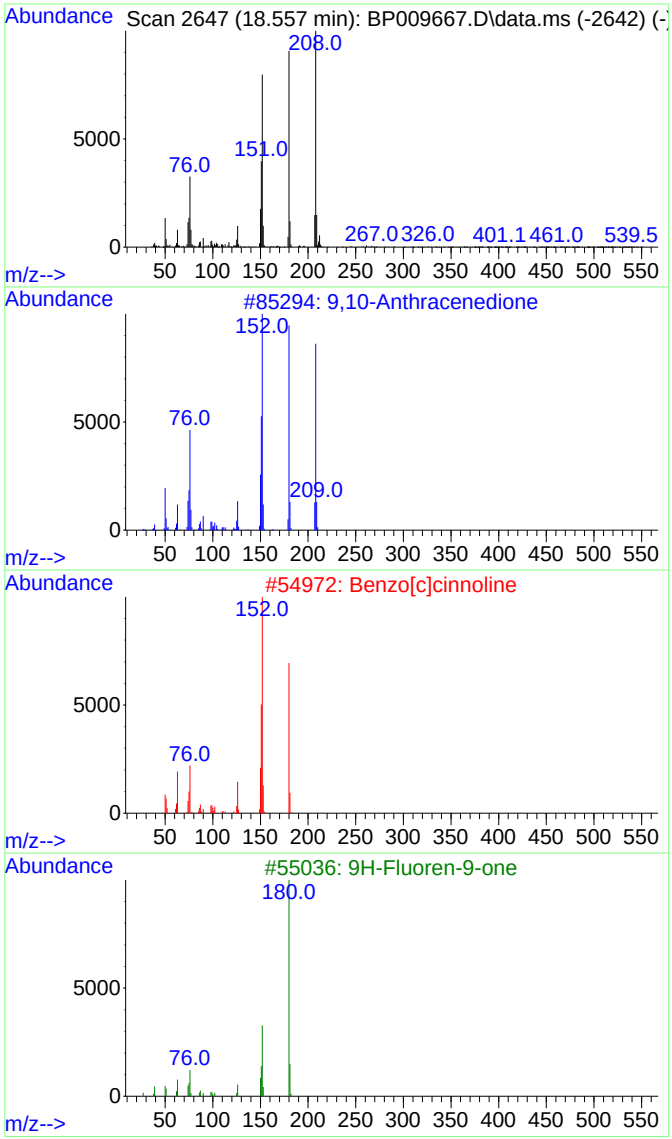
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

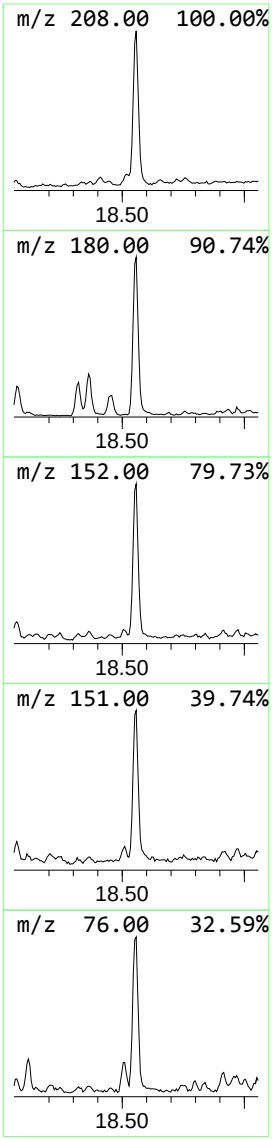
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	3.06 ng	439566	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

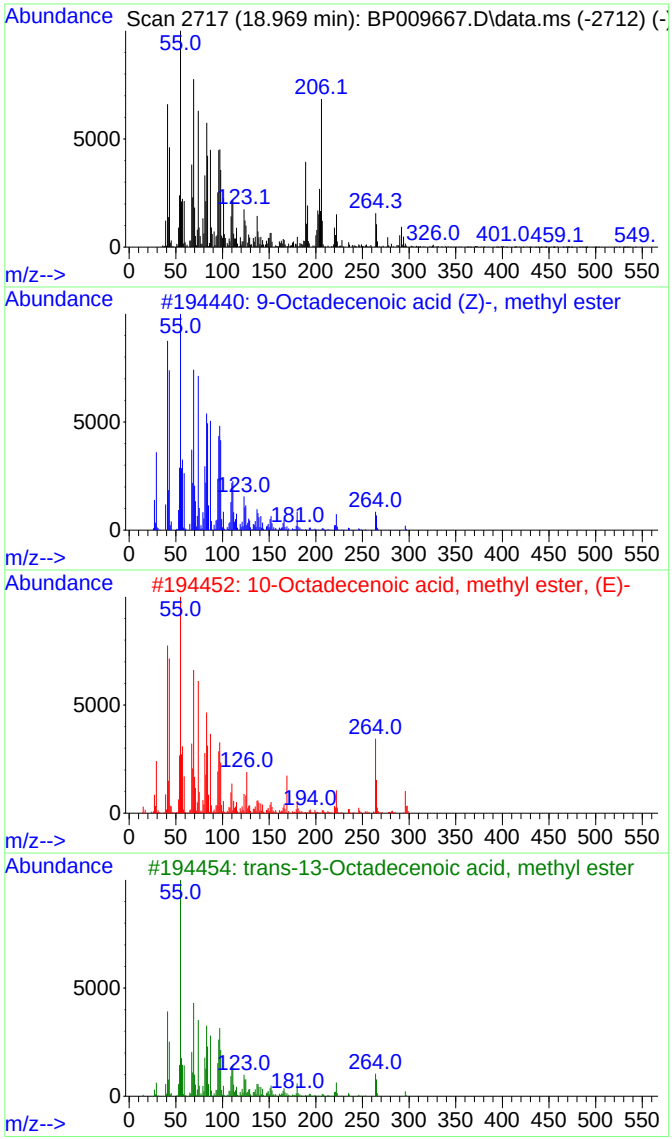
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

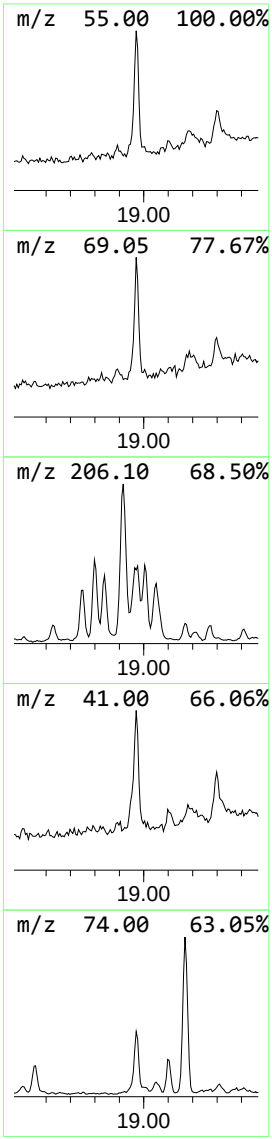
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.969	4.32 ng	621075	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	10-Octadecenoic acid, methyl est...	296	C19H36O2	013038-45-4	97
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	97
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	96
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	96





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Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

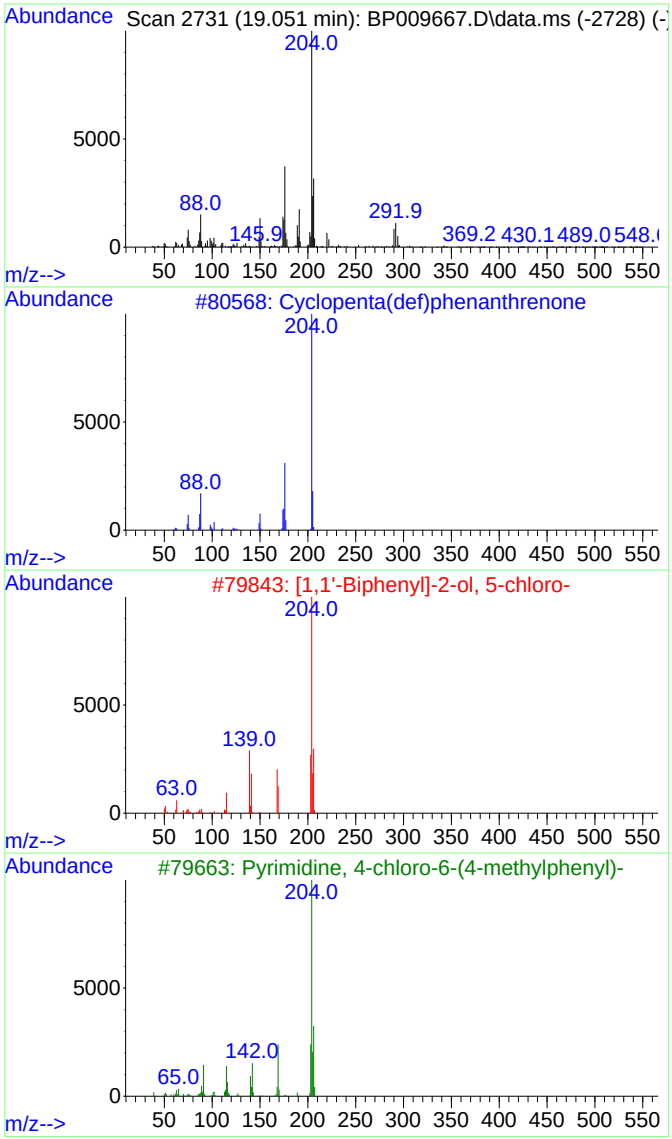
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

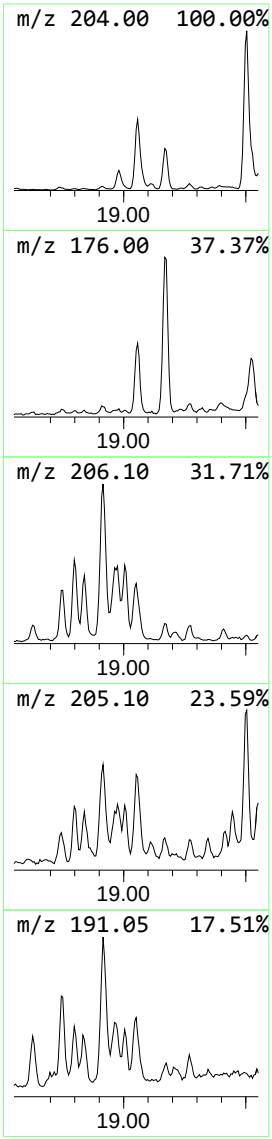
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	2.46 ng	354048	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

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

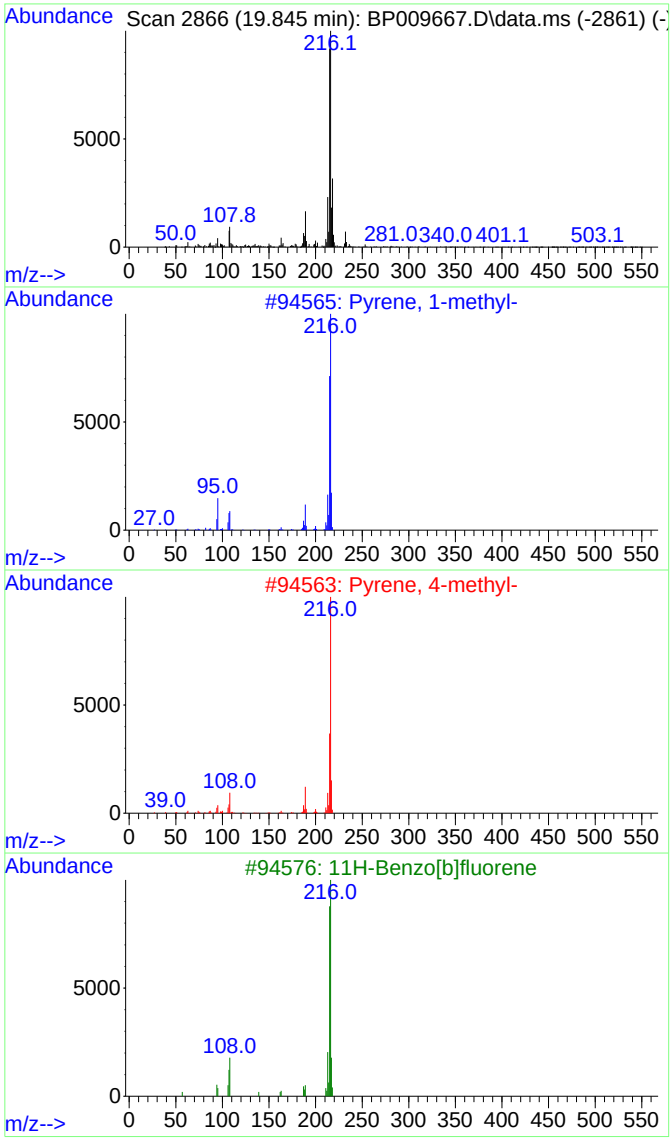
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

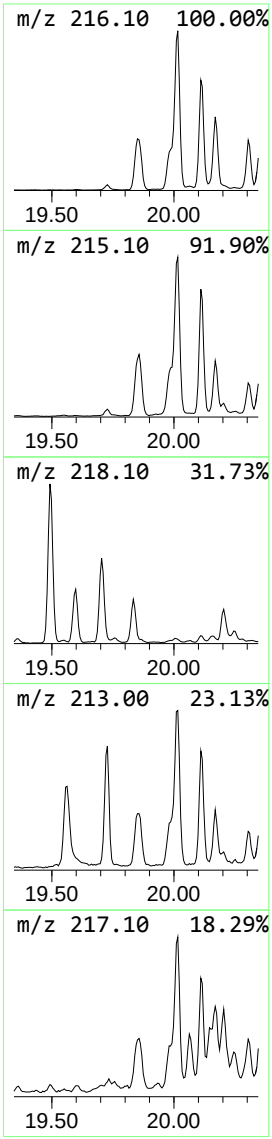
****

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	2.05 ng	756157	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

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

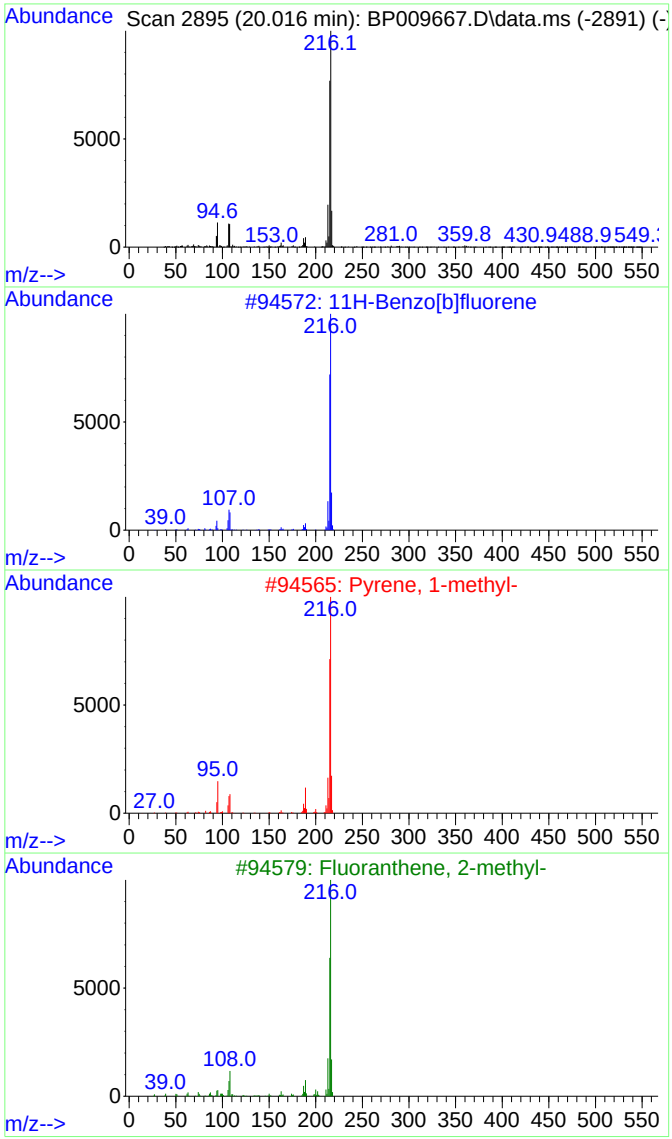
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

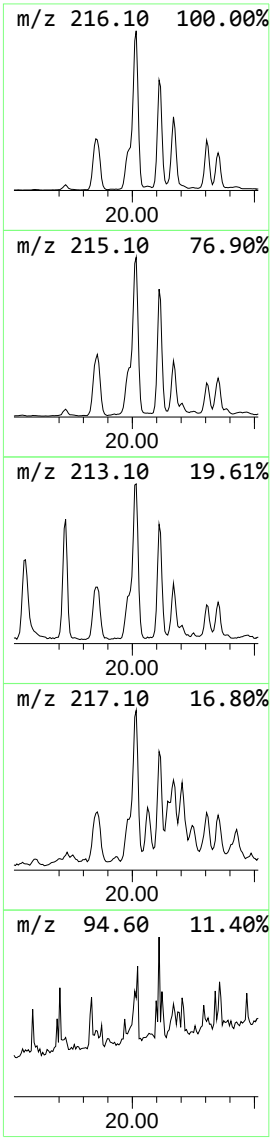
****

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.016	2.93 ng	1082660	Chrysene-d12	21.263

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	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A06015

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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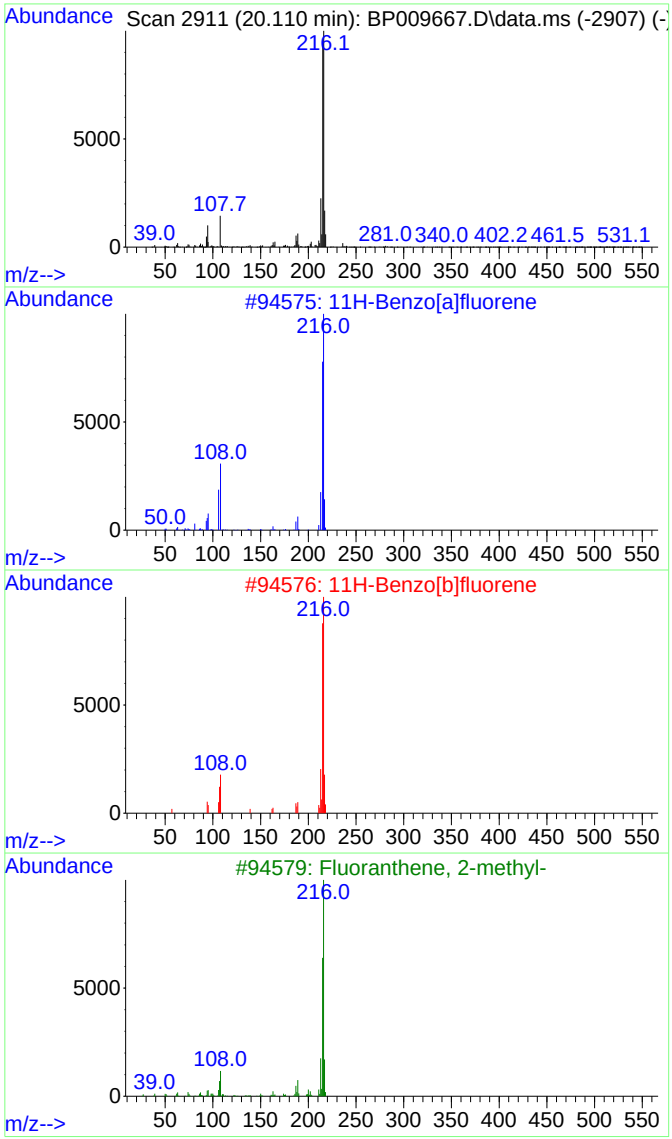
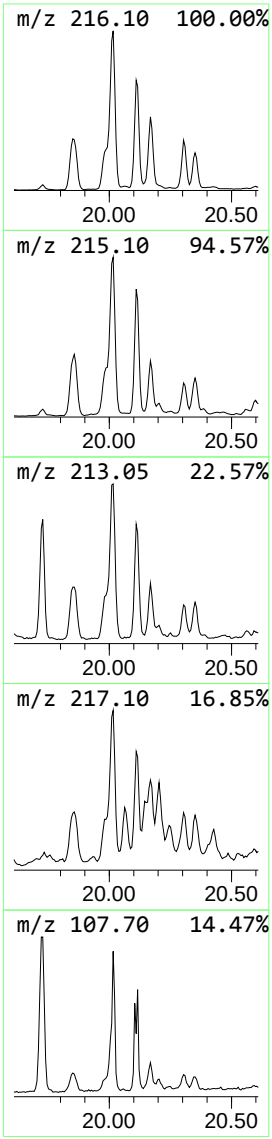
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	2.04 ng	751453	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
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

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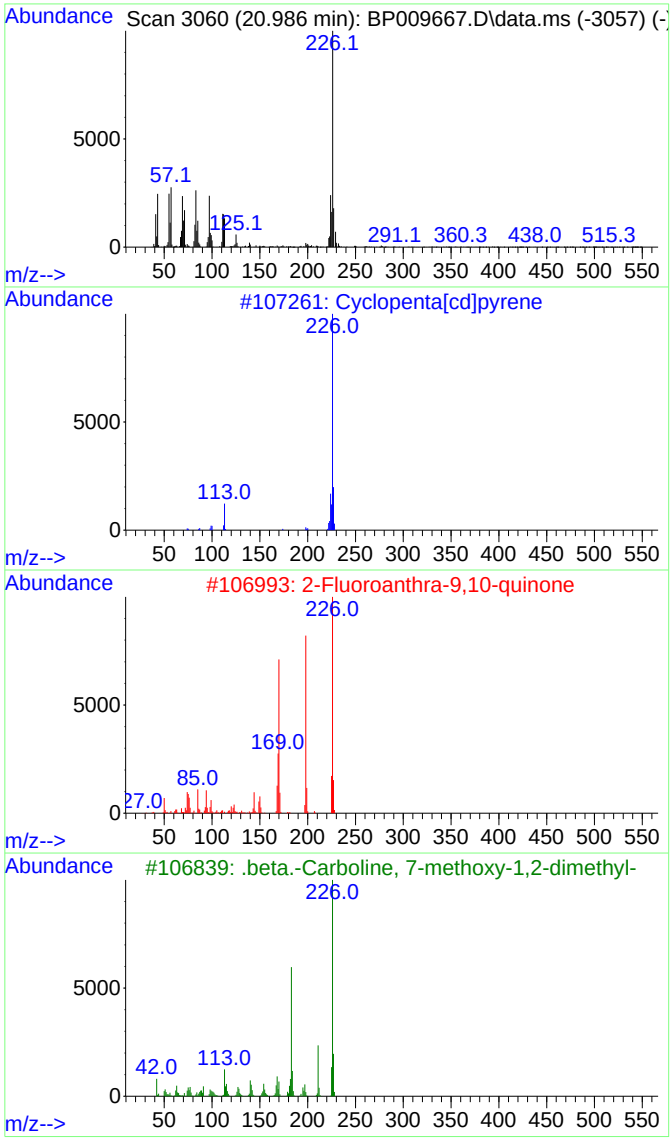
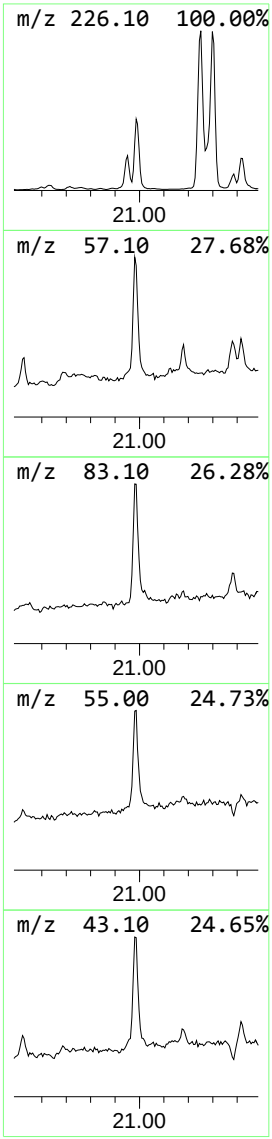
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	4.03 ng	1488380	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	2-Fluoroanthra-9,10-quinone	226	C14H7FO2	000572-84-9	47
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	47
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	46





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Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 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

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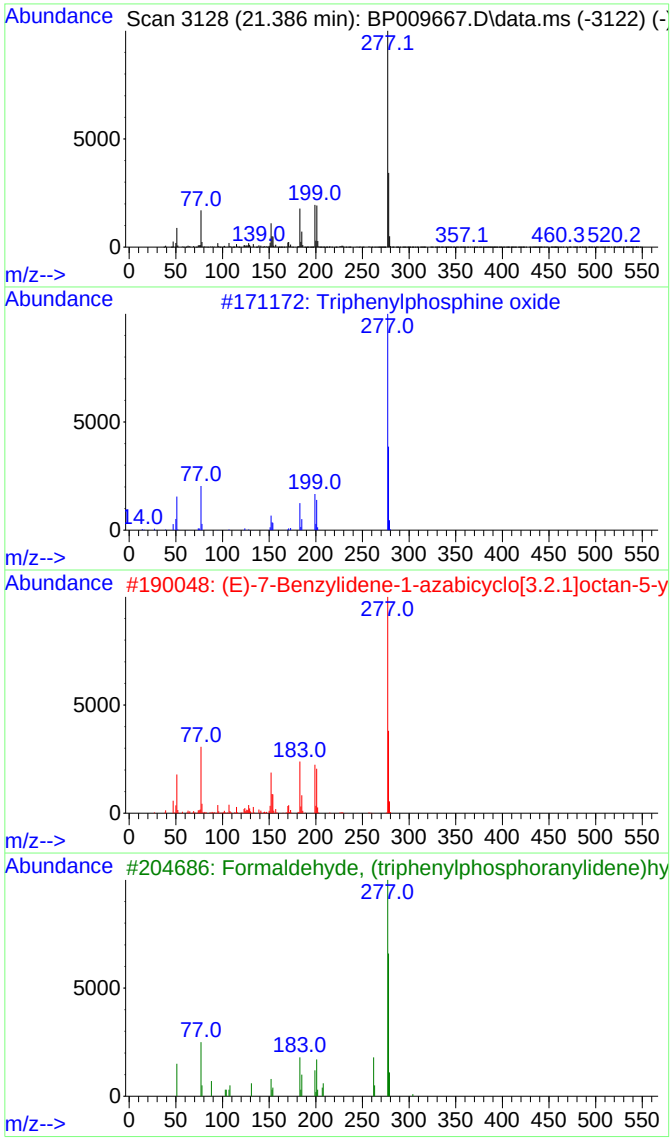
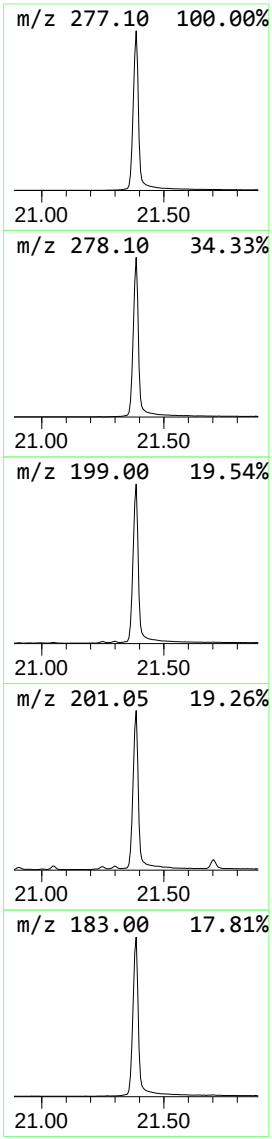
Peak Number 14 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	72.40 ng	26714100	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	37
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	25
5	[1,2,4]Triazolo[1,5-a]pyrimidine...	278	C15H14N6	1000350-69-0	9





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Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
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

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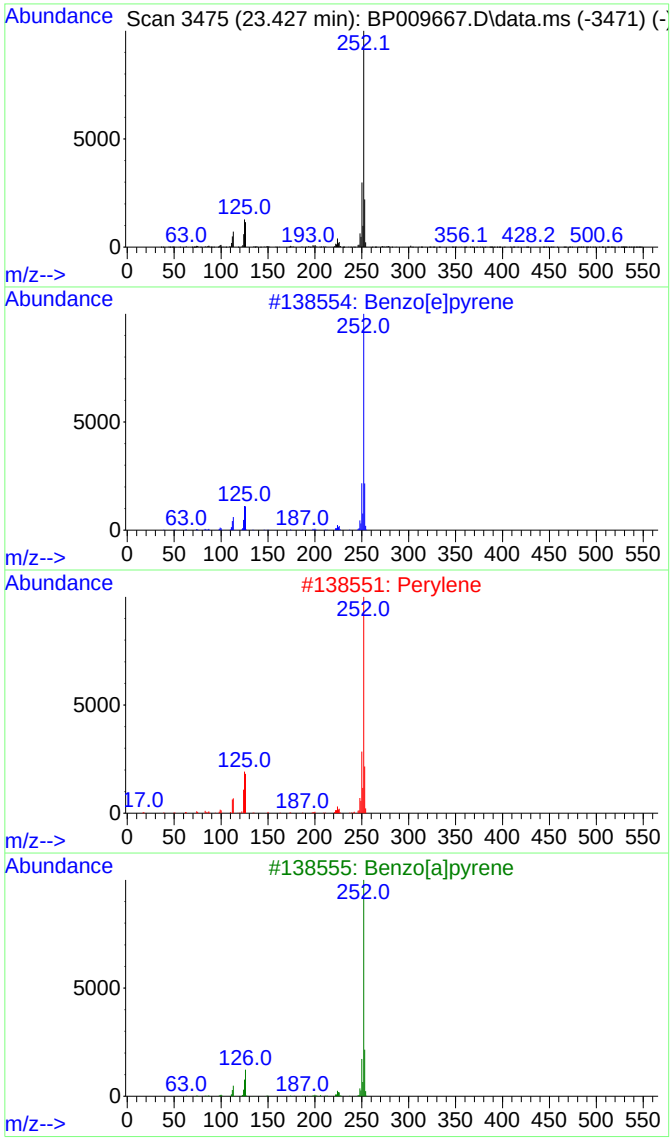
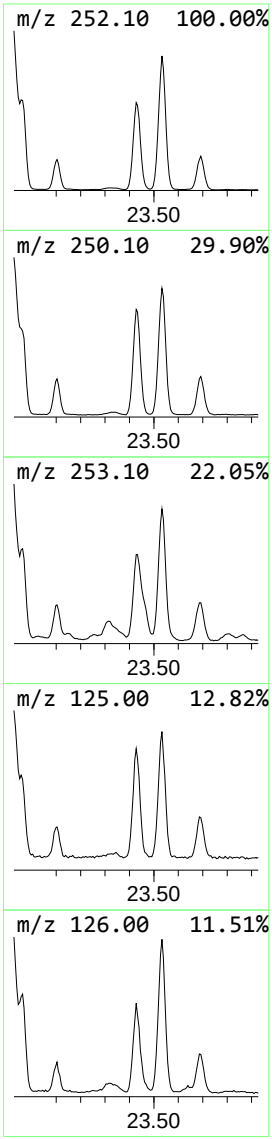
Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.427	14.83 ng	2410700	Perylene-d12	23.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96





Tentatively Identified Compound (LSC) summary

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Data File : BP009667.D
Acq On : 01 Apr 2022 20:19
Operator : CG/JU
Sample : N2220-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A06015

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
Anthracene, 1,2...	16.898	2.3	ng	322635	4	17.145	2873910	20.0
Phenanthrene, 2...	18.022	4.7	ng	672811	4	17.145	2873910	20.0
Phenanthrene, 1...	18.063	8.2	ng	1173520	4	17.145	2873910	20.0
4H-Cyclopenta[d...	18.210	7.5	ng	1077500	4	17.145	2873910	20.0
5H-Dibenzo[a,d]...	18.245	2.4	ng	343927	4	17.145	2873910	20.0
Naphthalene, 2-...	18.510	2.4	ng	343530	4	17.145	2873910	20.0
9,10-Anthracene...	18.557	3.1	ng	439566	4	17.145	2873910	20.0
9-Octadecenoic ...	18.969	4.3	ng	621075	4	17.145	2873910	20.0
Cyclopenta(def)...	19.051	2.5	ng	354048	4	17.145	2873910	20.0
Pyrene, 1-methyl-	19.845	2.0	ng	756157	5	21.263	7379300	20.0
11H-Benzo[b]flu...	20.016	2.9	ng	1082660	5	21.263	7379300	20.0
11H-Benzo[a]flu...	20.110	2.0	ng	751453	5	21.263	7379300	20.0
Cyclopenta[cd]p...	20.986	4.0	ng	1488380	5	21.263	7379300	20.0
Triphenylphosph...	21.386	72.4	ng	26714100	5	21.263	7379300	20.0
Benzo[e]pyrene	23.427	14.8	ng	2410700	6	23.639	3250600	20.0