LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-06-083122

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_G\Methods\8270-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.687	401	408	418	rBV	543893	883454	5.09%	1.288%
2	7.302	674	683	693	rBV	536483	964600	5.56%	1.407%
3	8.148	819	827	834	rBV	139444	238671	1.38%	0.348%
4	9.323	1018	1027	1038	rBV	322420	603674	3.48%	0.880%
5	10.974	1300	1308	1313	rBV	196837	359623	2.07%	0.524%
6	13.401	1714	1721	1733	rBV	935938	1481223	8.54%	2.160%
7	14.782	1942	1956	1961	rBV	313768	534134	3.08%	0.779%
8	15.822	2126	2133	2143	rVB	147350	249082	1.44%	0.363%
9	16.268	2202	2209	2216	rBV	658930	1053725	6.07%	1.537%
10	17.526	2416	2423	2426	rBV	371138	575167	3.31%	0.839%
11	17.573	2426	2431	2437	rVB	1135864	1748249	10.08%	2.549%
12	17.661	2437	2446	2451	rBV	264053	400653	2.31%	0.584%
13	18.172	2526	2533	2538	rBV	4208164	5527033	31.85%	8.059%
14	18.401	2566	2572	2576	rBV	168941	256043	1.48%	0.373%
15	18.448	2576	2580	2586	rVB	228328	333885	1.92%	0.487%
16	18.601	2599	2606	2609	rBV3	267548	508050	2.93%	0.741%
17	18.895	2651	2656	2660	rVV	118943	177219	1.02%	0.258%
18	18.942	2660	2664	2673	rVB2	111575	174208	1.00%	0.254%
19	19.324	2720	2729	2731	rBV	8429949	17350915	100.00%	25.301%
20	19.353	2731	2734	2742	rVB3	7712440	11633991	67.05%	16.964%
21	19.465	2748	2753	2763	rVB	2269442	2808179	16.18%	4.095%
22	19.582	2766	2773	2779	rBV	1850653	2762140	15.92%	4.028%
23	19.817	2809	2813	2821	rVB2	104357	177978	1.03%	0.260%
24	19.940	2829	2834	2841	rVB	1526613	2441606	14.07%	3.560%
25	20.128	2860	2866	2871	rBV	1512750	1972919	11.37%	2.877%
26	20.269	2882	2890	2895	rBV2	135469	329645	1.90%	0.481%
27	20.428	2906	2917	2926	rVB2	308462	845947	4.88%	1.234%
28	20.528	2929	2934	2936	rBV2	172595	248655	1.43%	0.363%
29	20.587	2941	2944	2951	rVB2	214784	331069	1.91%	0.483%
30	20.651	2951	2955	2963	rVB2	159801	225558	1.30%	0.329%
31	20.722	2963	2967	2971	rBV	124779	179879	1.04%	0.262%
32	20.857	2986	2990	2996	rBV4	165048	248921	1.43%	0.363%
33	21.198	3043	3048	3055	rVB3	236504	428848	2.47%	0.625%
34	21.386	3072	3080	3084	rBV3	154710	387236	2.23%	0.565%
35	21.427	3084	3087	3092	rVV2	214450	349676	2.02%	0.510%
36	21.480	3092	3096	3101	rVV2	145120	296946	1.71%	0.433%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

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_G\Methods\8270-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.544	3102	3107	3111	rVV2	143366	288434	1.66%	0.421%
38	21.586	3111	3114	3120	rVB	165439	227239	1.31%	0.331%
39	21.803	3144	3151	3158	rBV2	916650	2244130	12.93%	3.272%
40	21.873	3158	3163	3175	rVB	670437	1269630	7.32%	1.851%
41	22.579	3279	3283	3288	rVB	99700	174104	1.00%	0.254%
42	24.118	3537	3545	3553	rBV	475107	1620927	9.34%	2.364%
43	24.382	3586	3590	3600	rVB	93817	210003	1.21%	0.306%
44	24.882	3667	3675	3689	rVB	265036	816519	4.71%	1.191%
45	25.034	3692	3701	3716	rVB	412704	1225178	7.06%	1.787%
46	25.193	3720	3728	3736	rBV2	213569	636864	3.67%	0.929%
47	29.071	4380	4388	4411	rVB3	142740	776986	4.48%	1.133%

Sum of corrected areas: 68578815

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
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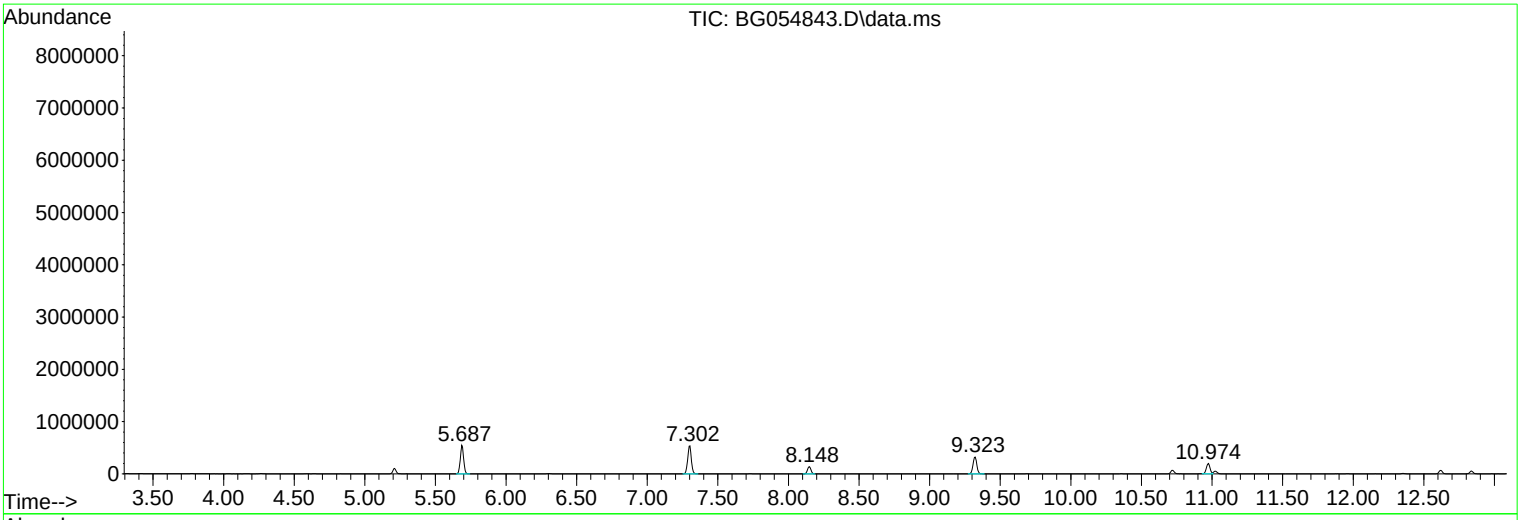
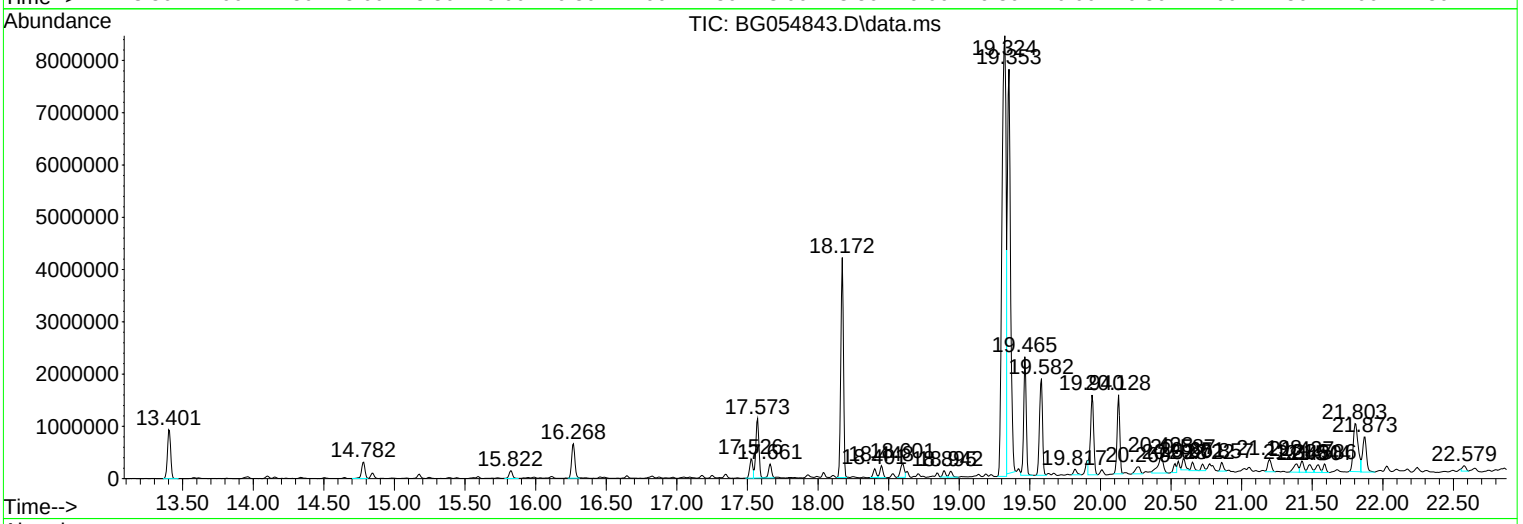
ALS Vial : 11 Sample Multiplier: 1

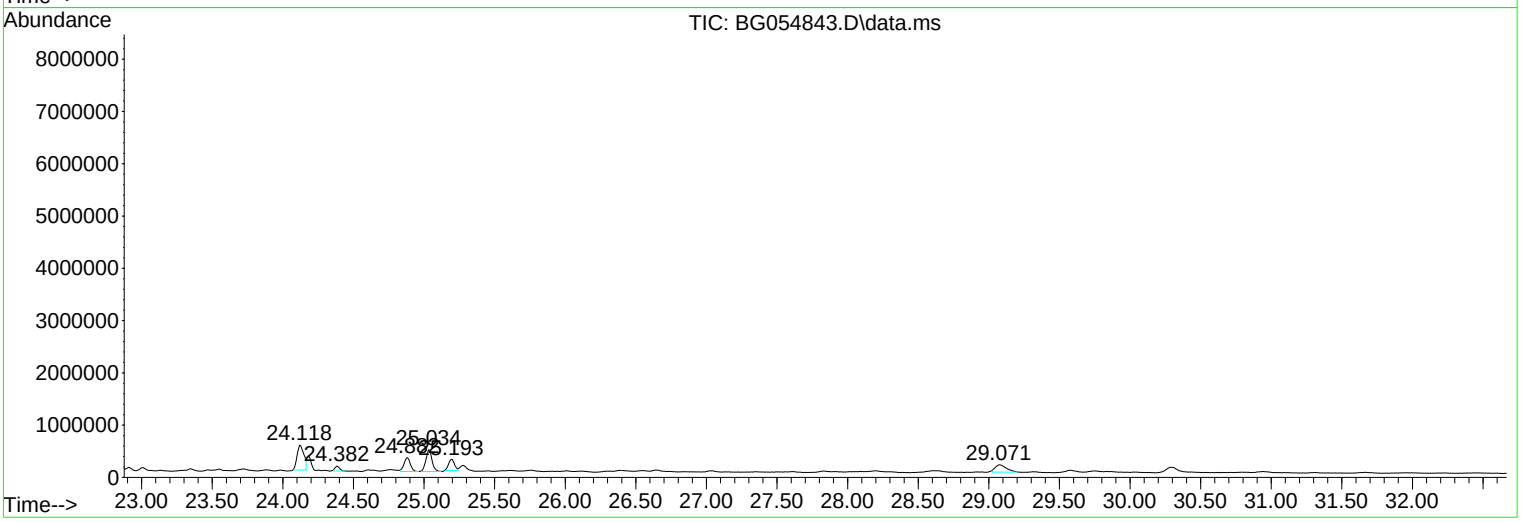
Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

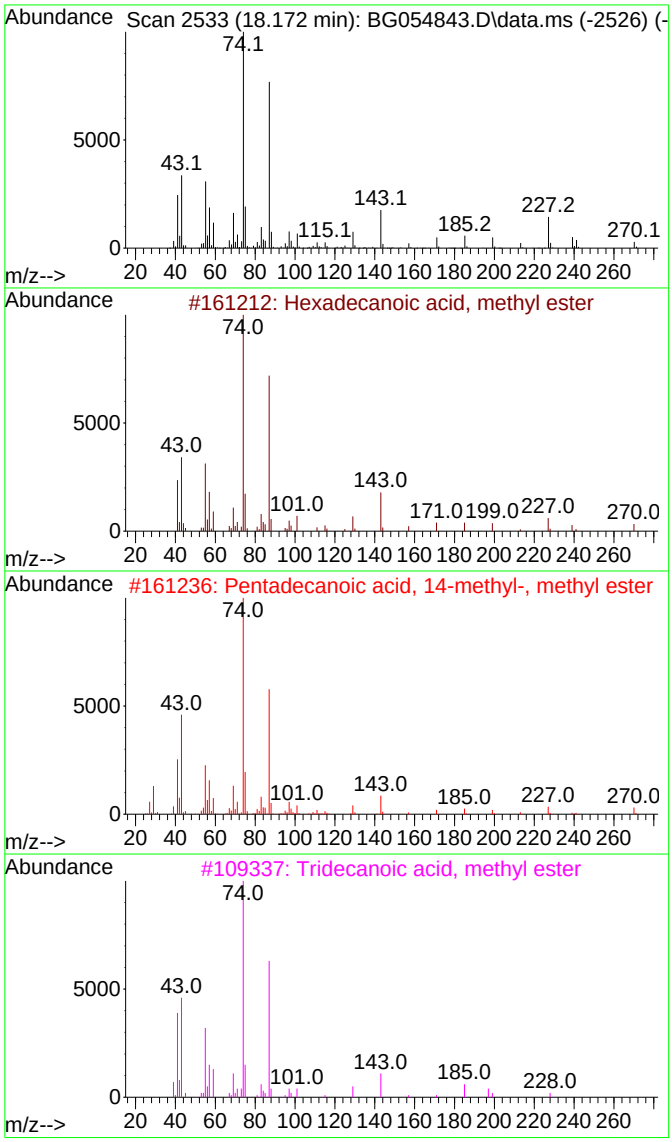
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

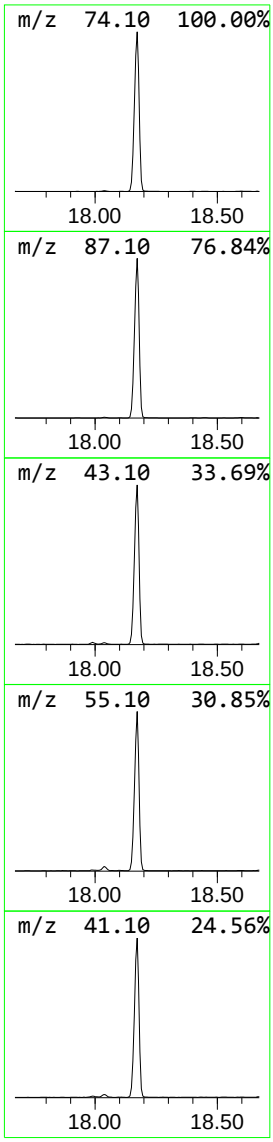
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.172	192.19 ng	5527030	Phenanthrene-d10	17.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

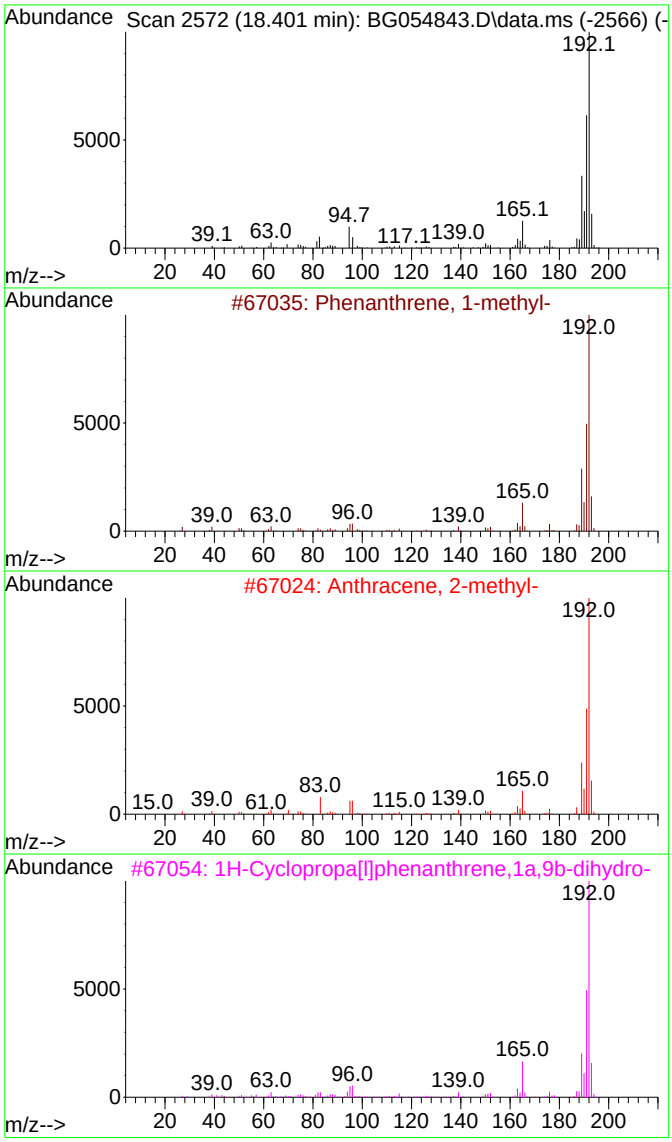
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

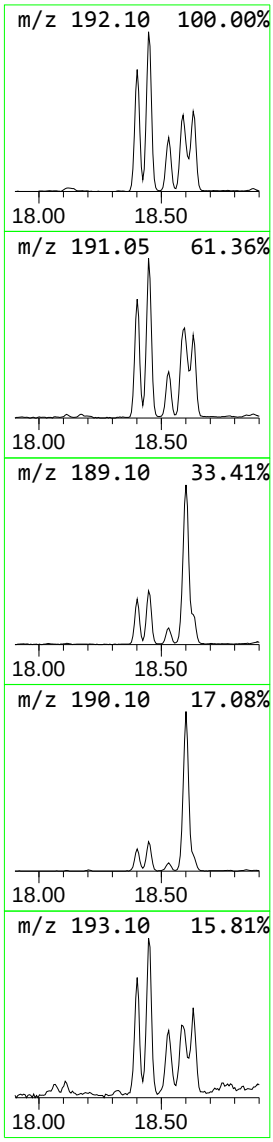
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.401	8.90 ng	256043	Phenanthrene-d10	17.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

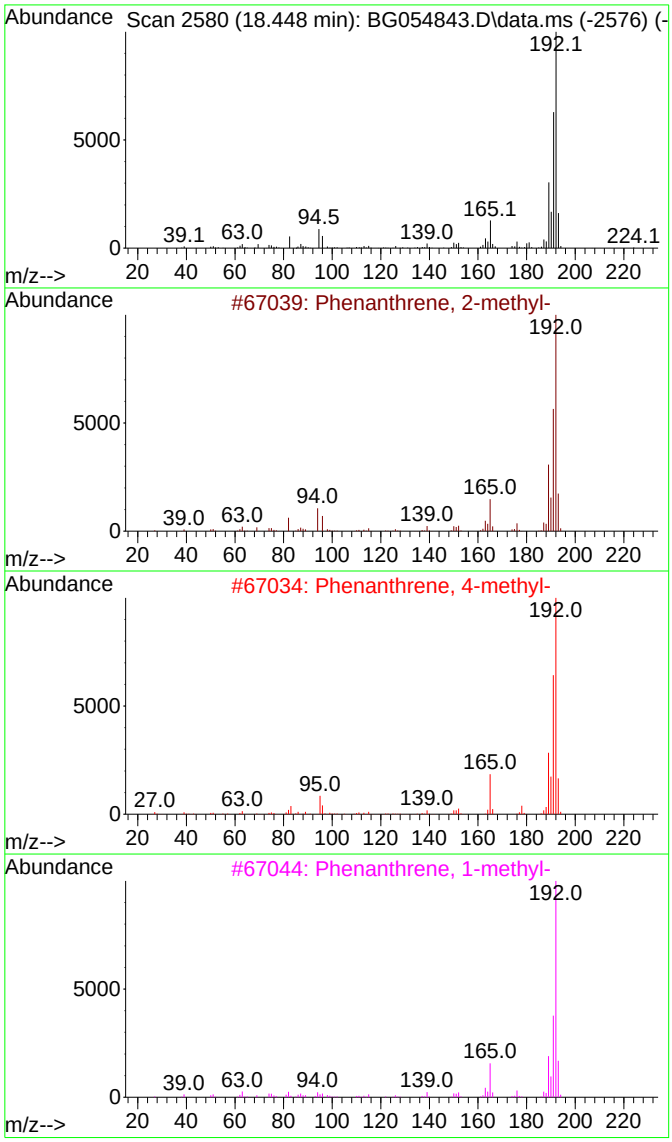
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

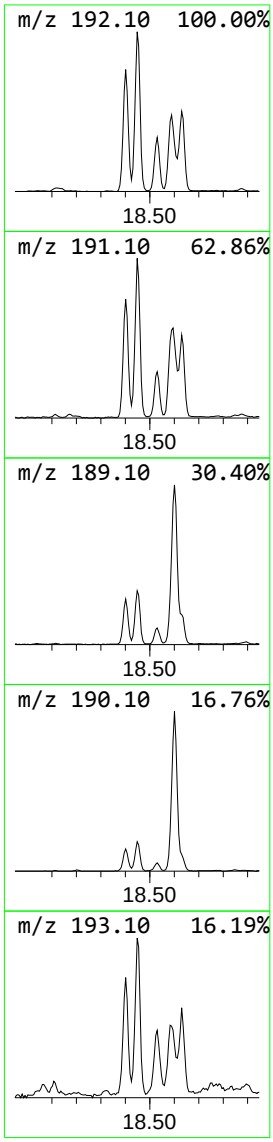
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.448	11.61 ng	333885	Phenanthrene-d10	17.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

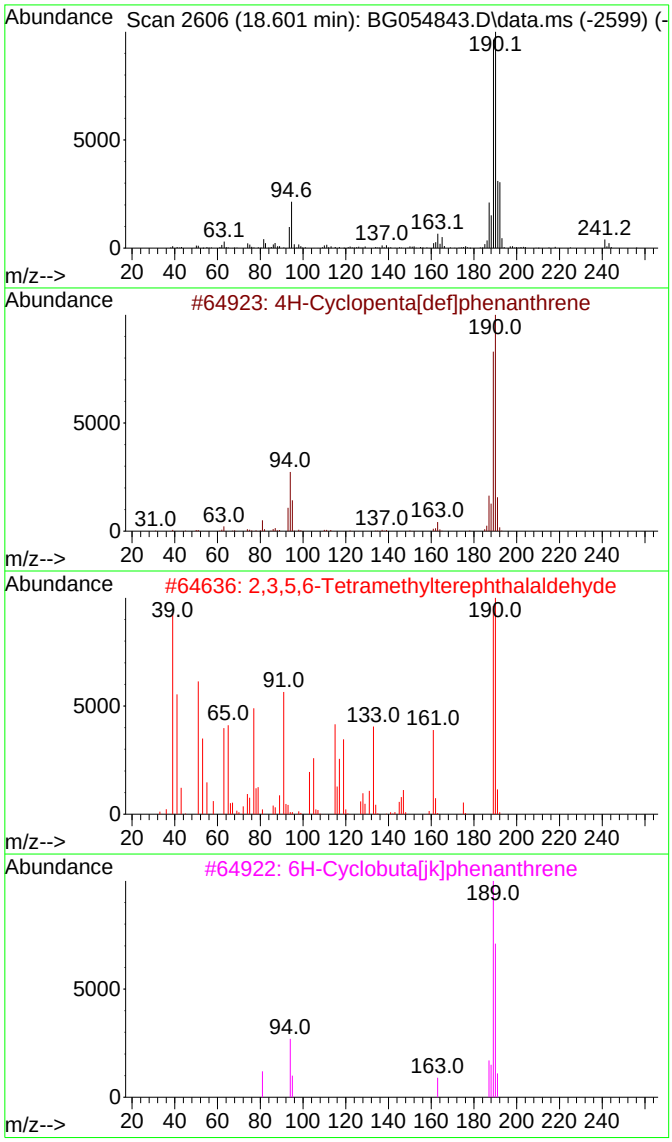
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

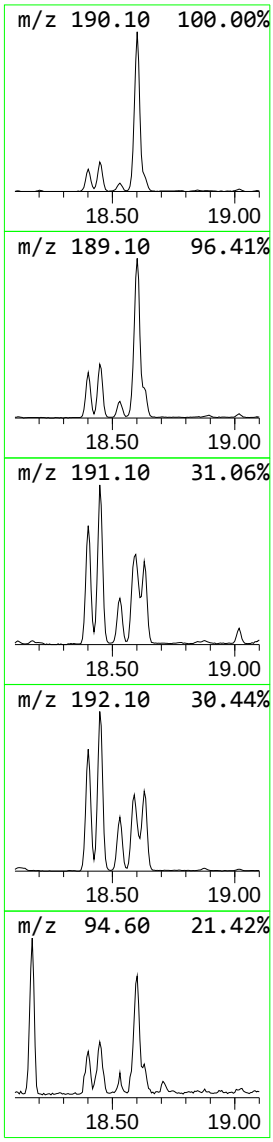
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.601	17.67 ng	508050	Phenanthrene-d10	17.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1-Aminocyclopentanecarboxylic ac...	375	C19H34ClNO4	1000329-17-1	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

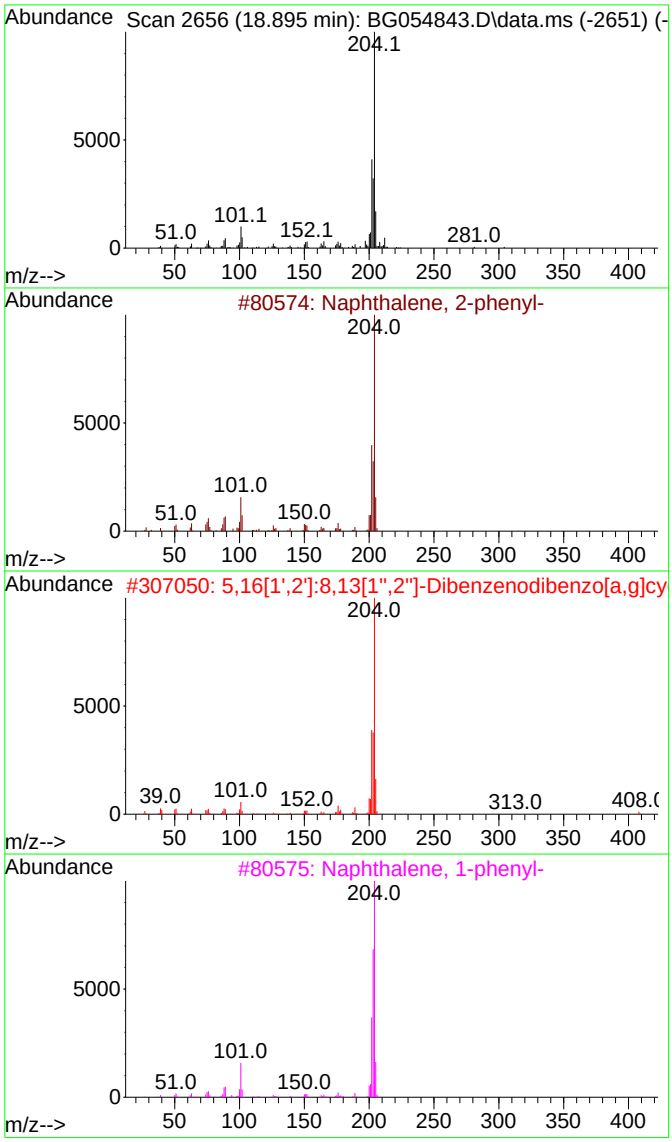
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

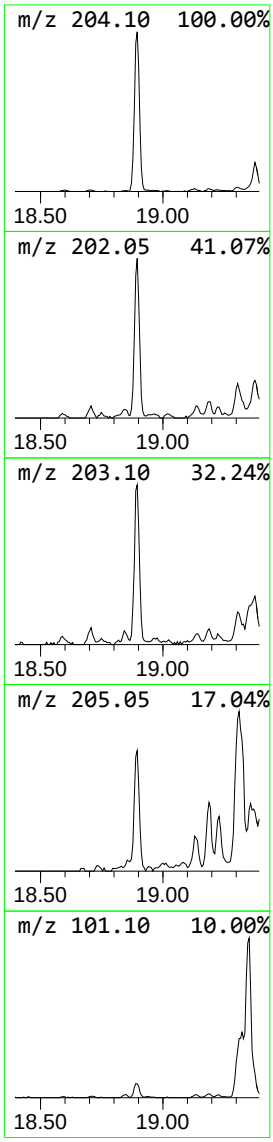
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.895	6.16 ng	177219	Phenanthrene-d10	17.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
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Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

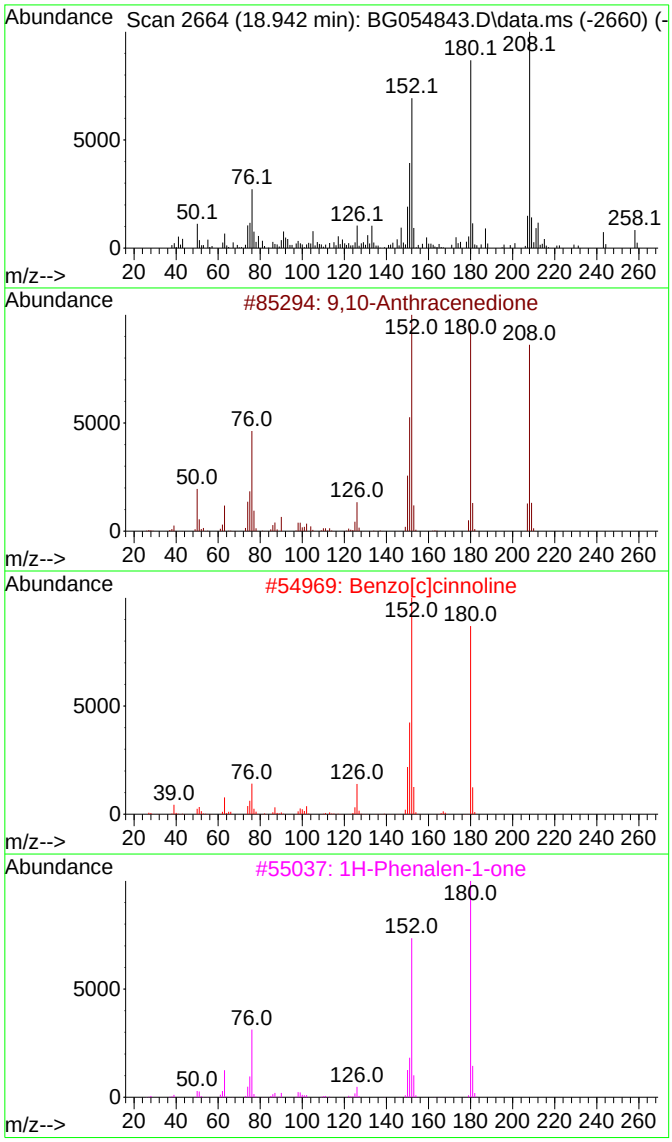
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

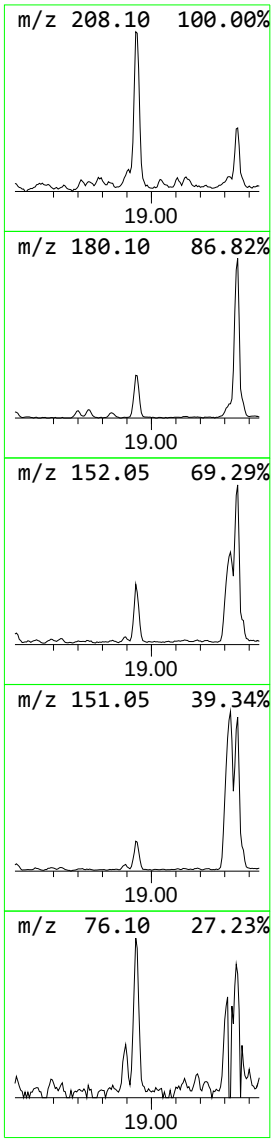
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.942	6.06 ng	174208	Phenanthrene-d10	17.526

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	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

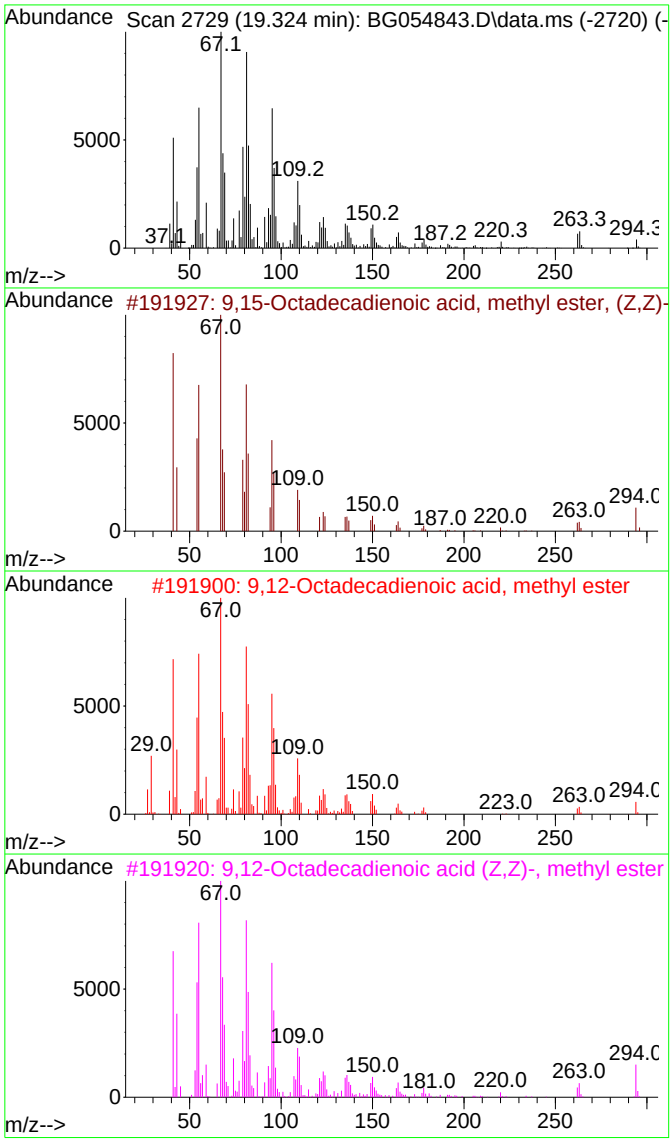
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

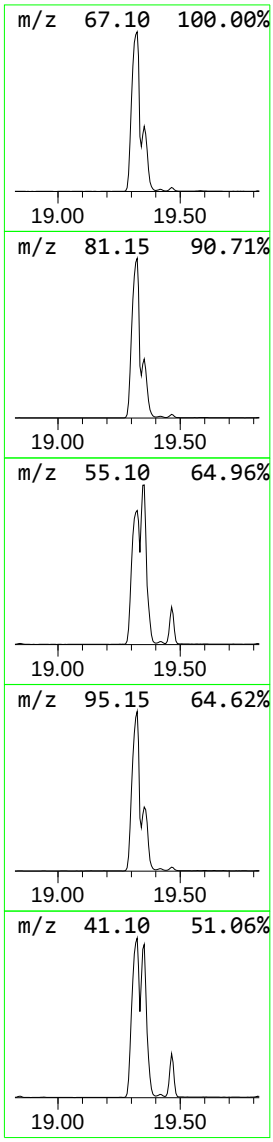
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.323	603.34 ng	17350900	Phenanthrene-d10	17.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

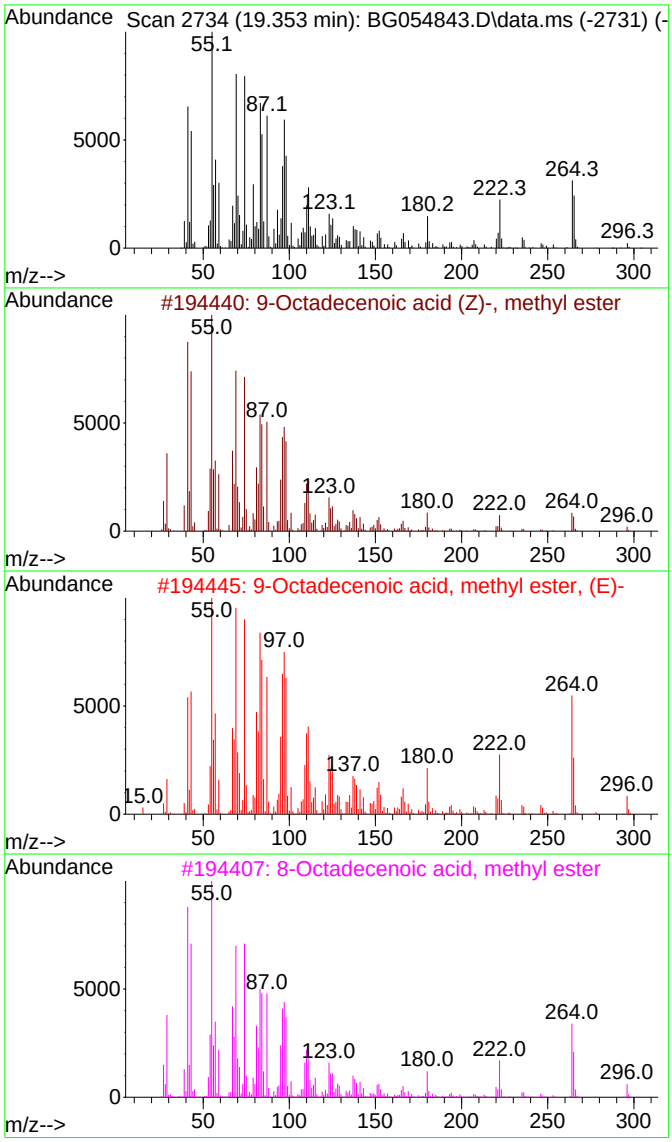
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

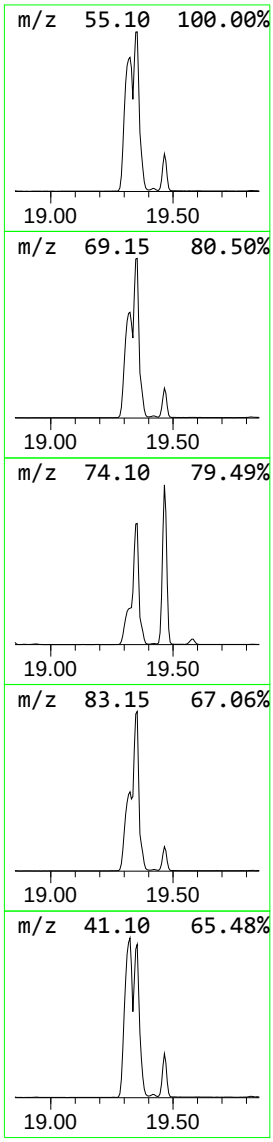
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.353	404.54 ng	11634000	Phenanthrene-d10	17.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	90
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90





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Operator : CG/JU
Sample : N4469-01
Misc :
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ClientSampleId :
TR-06-083122

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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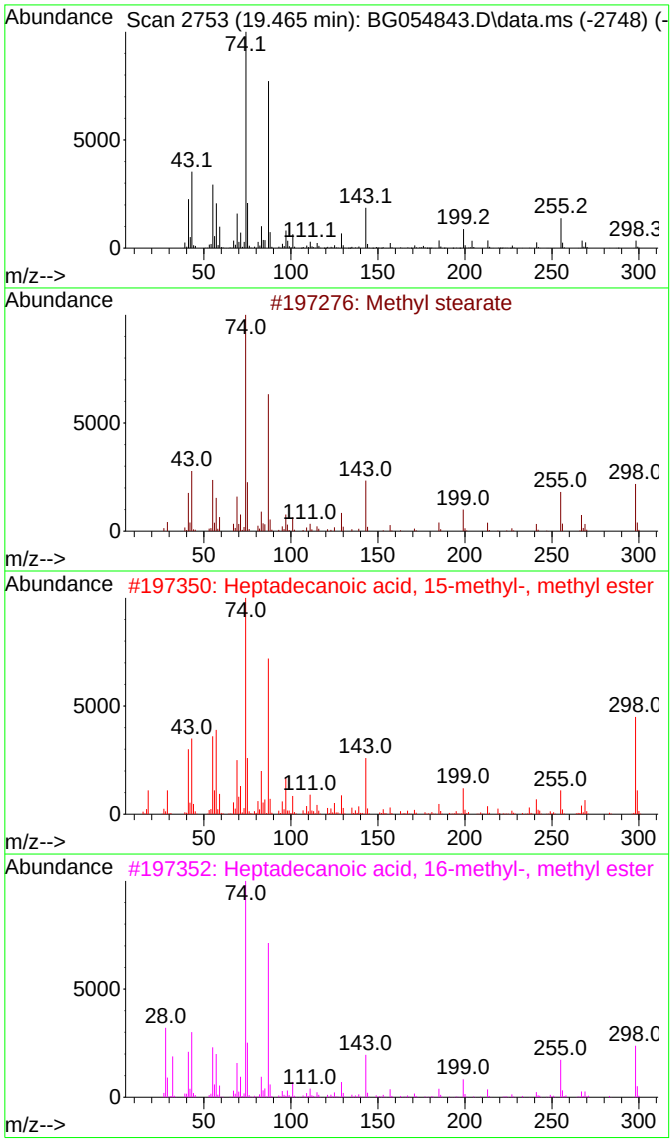
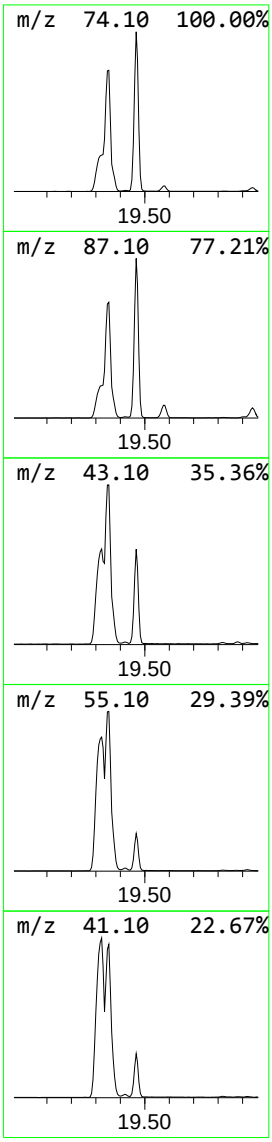
Peak Number 9 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.465	97.65 ng	2808180	Phenanthrene-d10	17.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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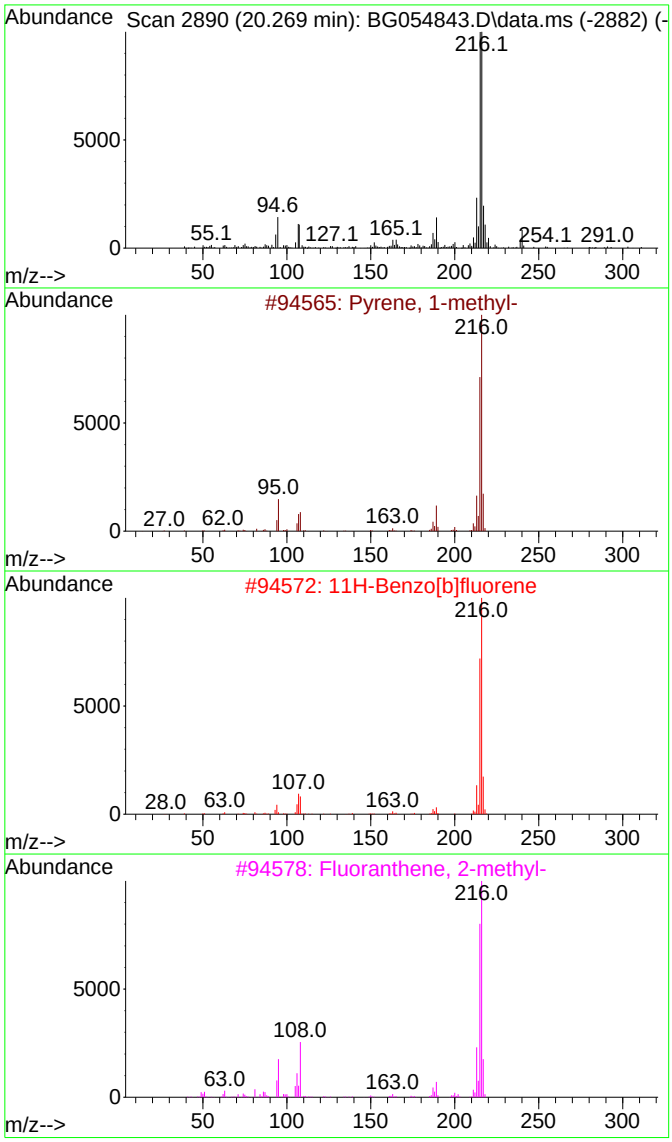
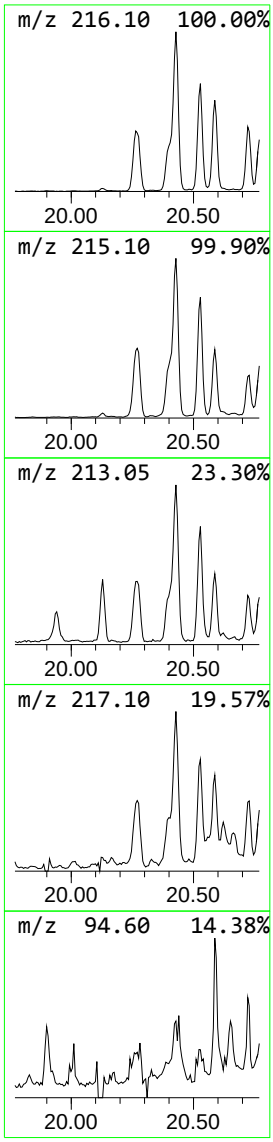
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.270	2.94 ng	329645	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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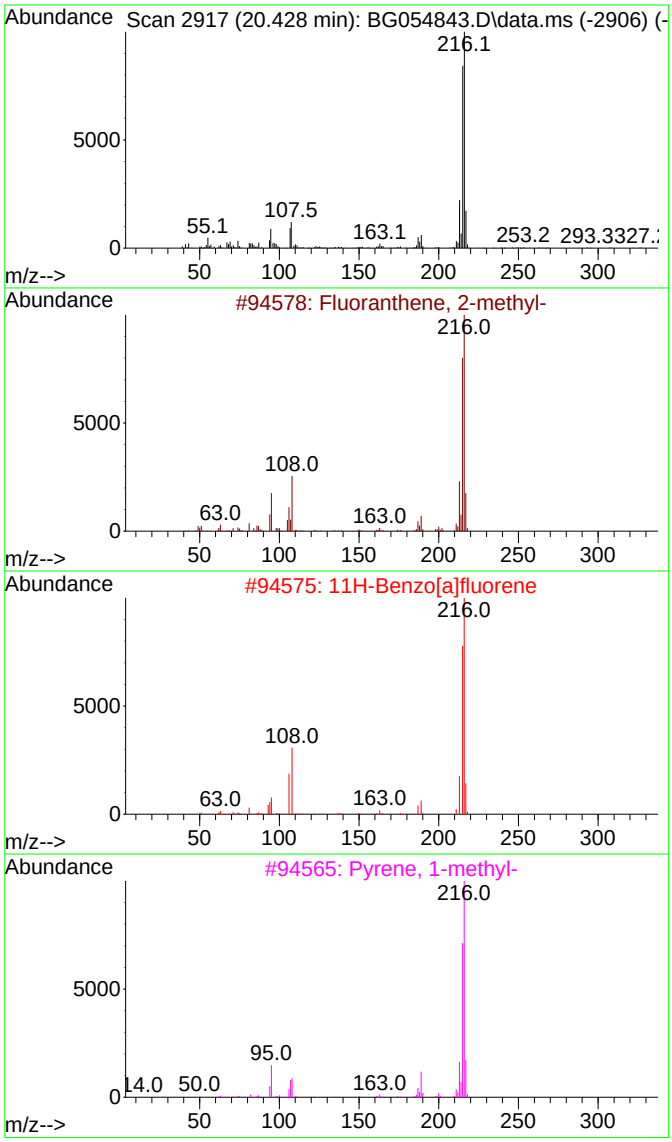
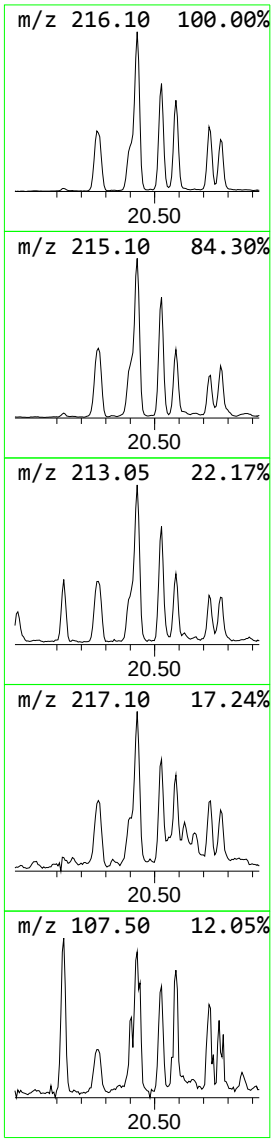
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.428	7.54 ng	845947	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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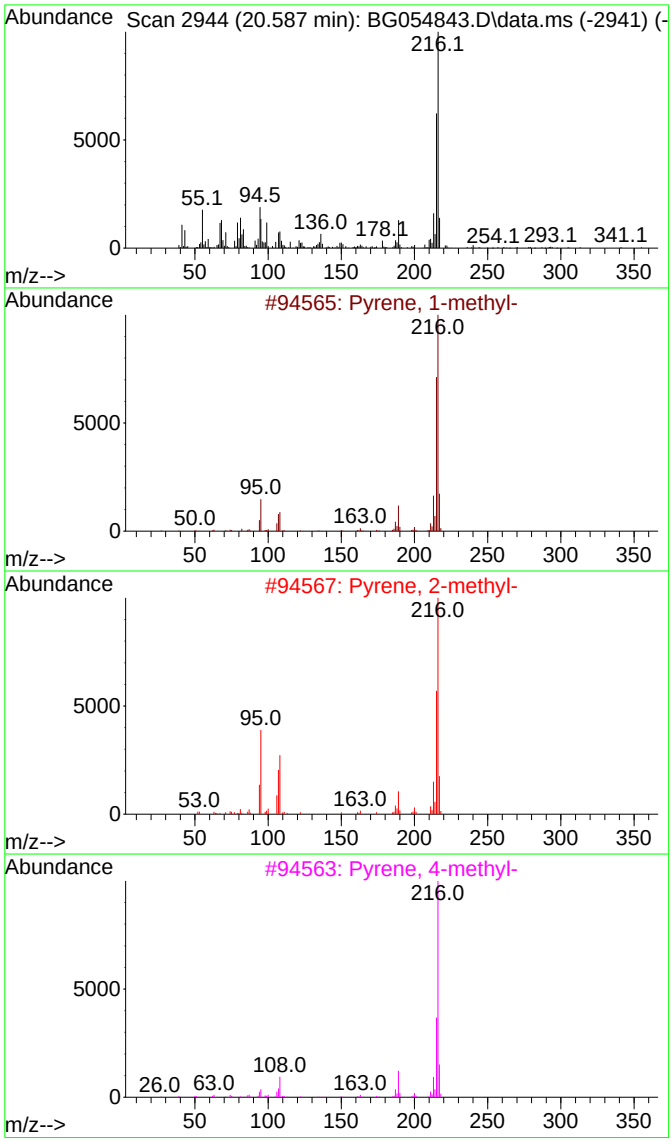
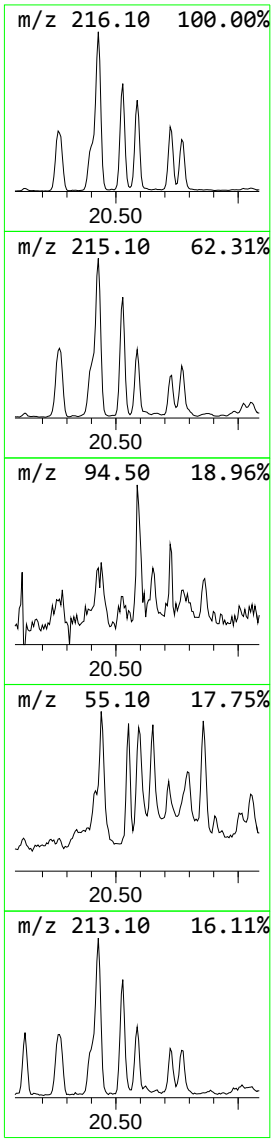
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.587	2.95 ng	331069	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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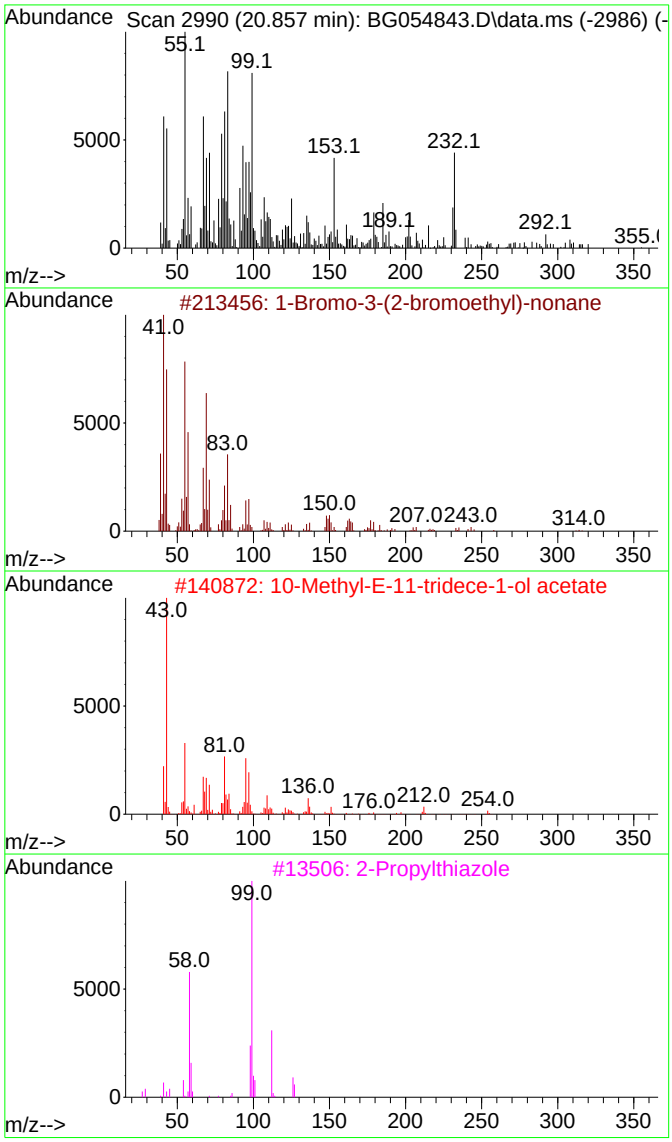
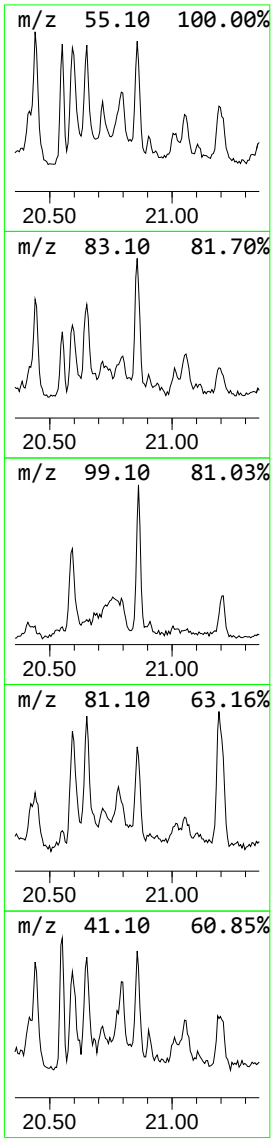
Peak Number 13 unknown20.857 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.857	2.22 ng	248921	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-3-(2-bromoethyl)-nonane	312	C11H22Br2	070928-49-3	25
2	10-Methyl-E-11-tridece-1-ol acetate	254	C16H30O2	1000130-97-3	25
3	2-Propylthiazole	127	C6H9NS	017626-75-4	25
4	6-Iodohexanal	226	C6H11IO	1000411-49-9	25
5	p-Menth-8(10)-en-9-ol, cis-	154	C10H18O	015714-13-3	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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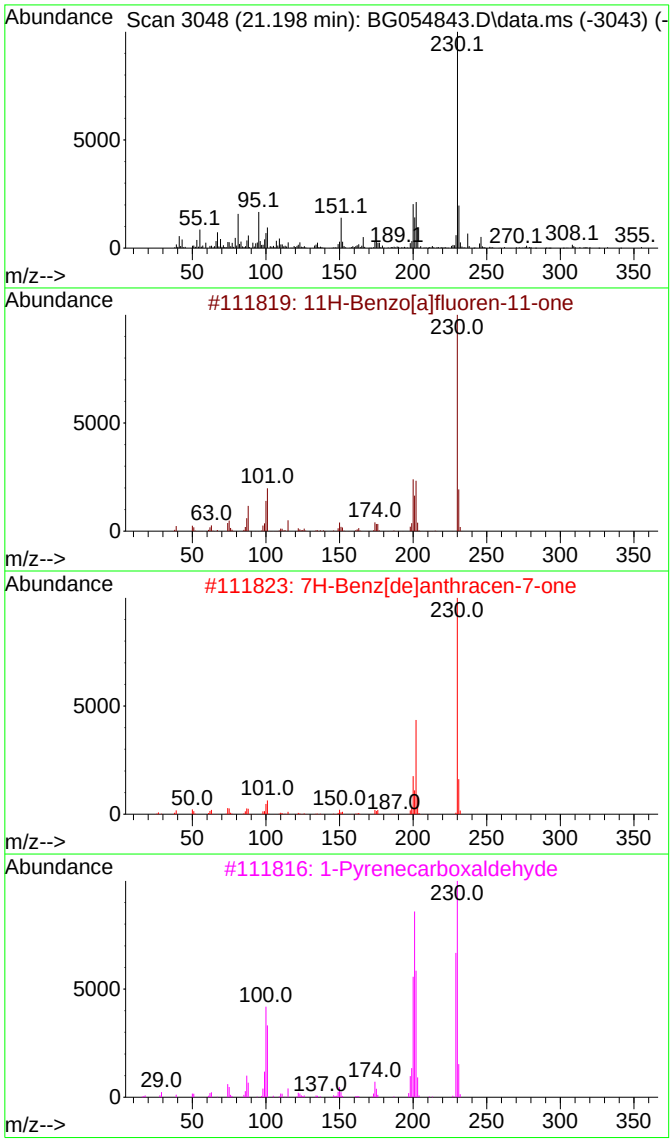
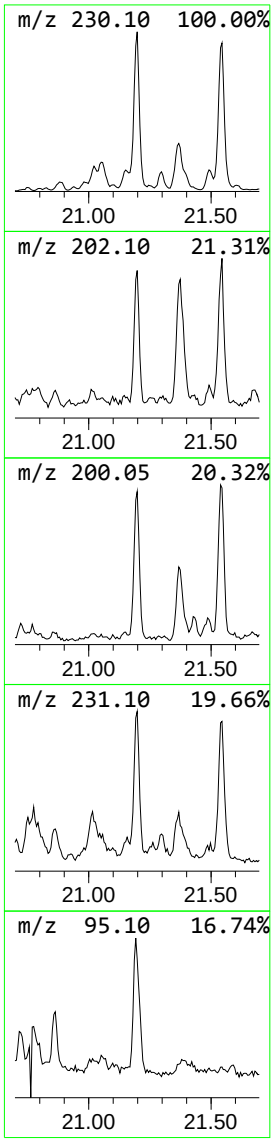
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	3.82 ng	428848	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	58
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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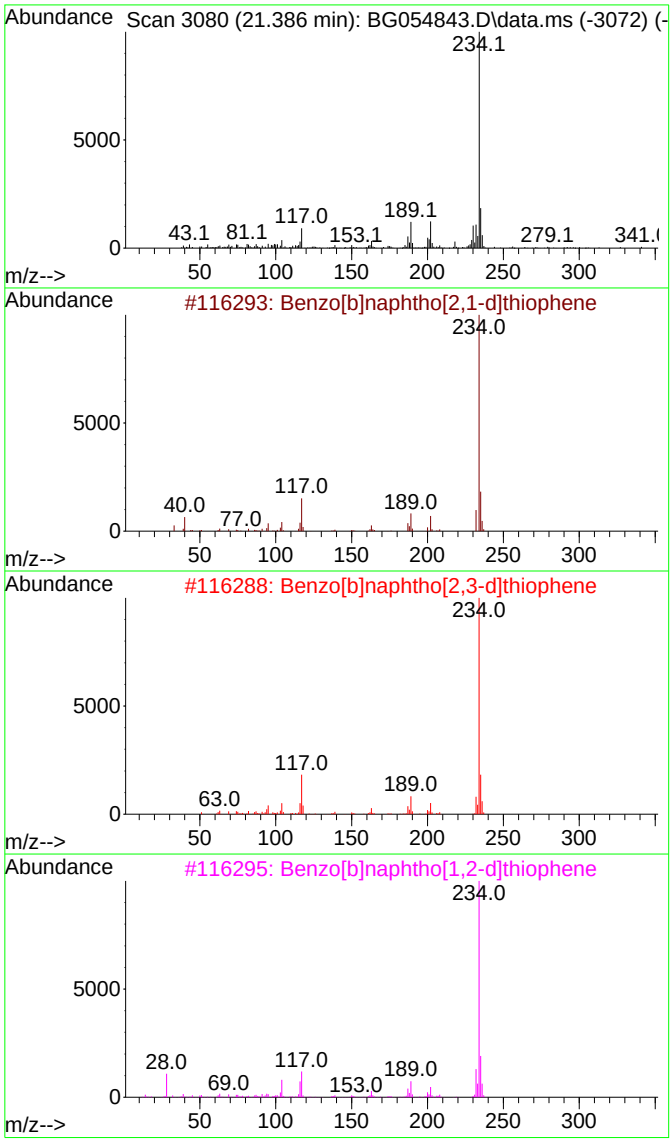
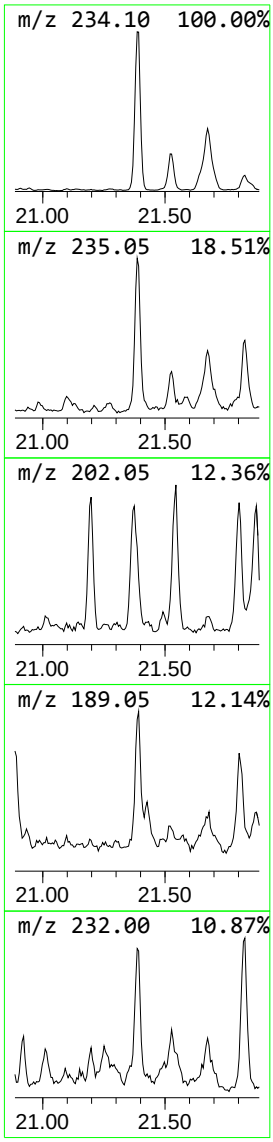
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	3.45 ng	387236	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	64
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	59





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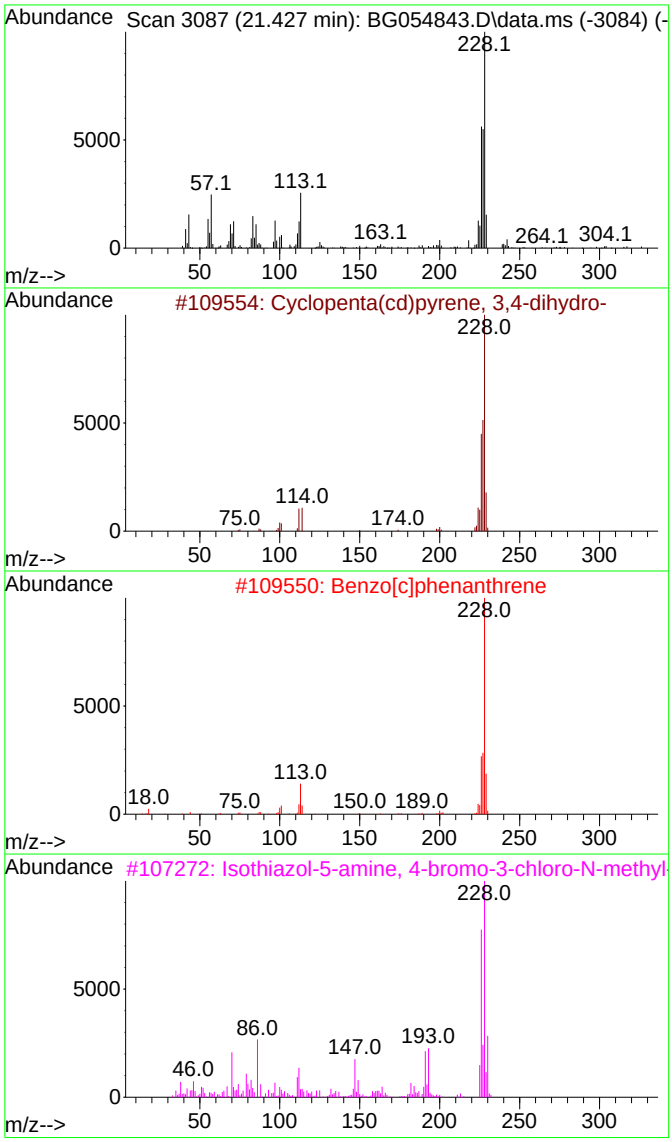
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

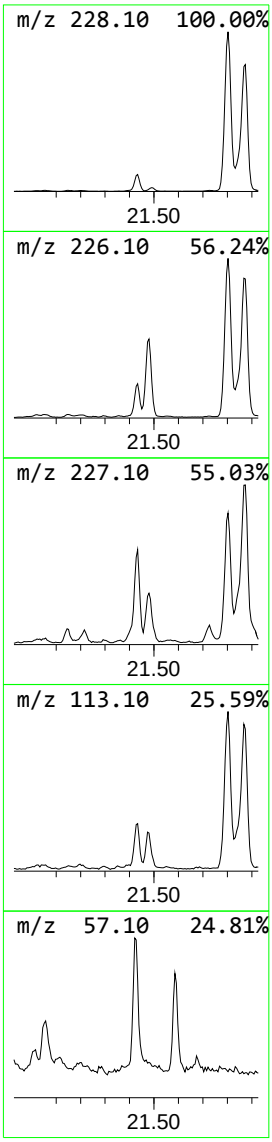
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	3.12 ng	349676	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	52
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	46
5	Triphenylene	228	C18H12	000217-59-4	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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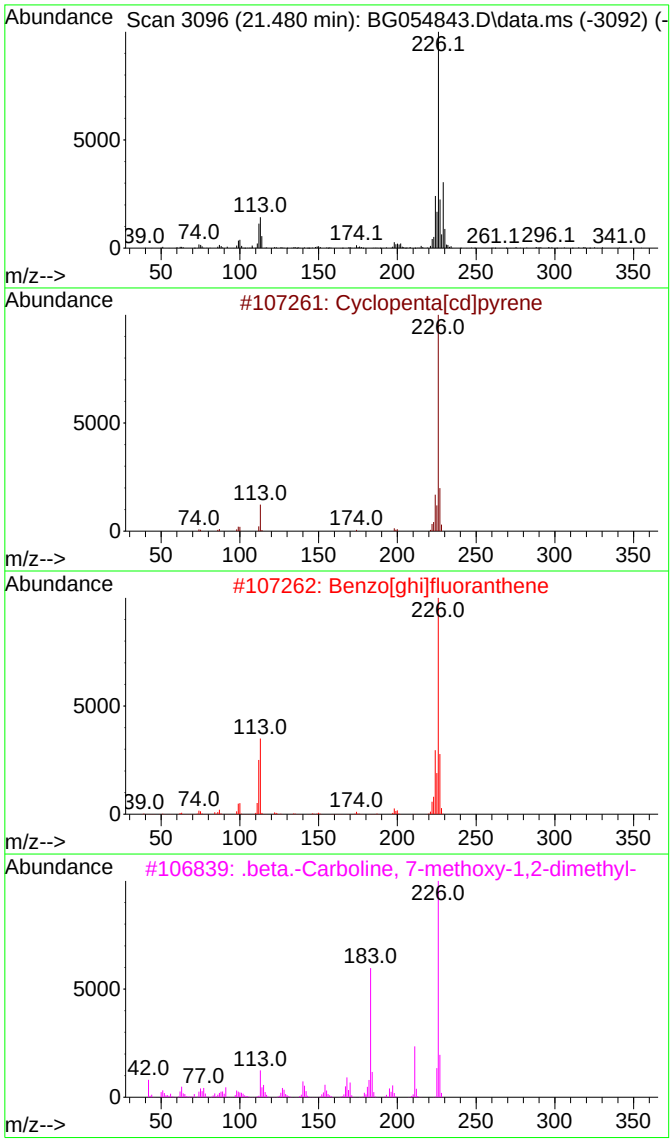
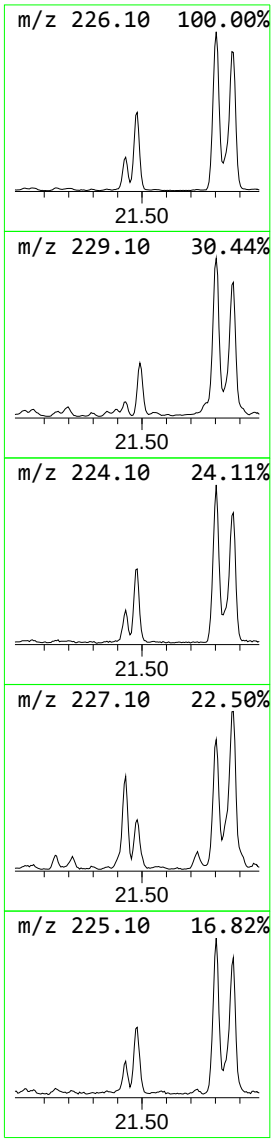
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.480	2.65 ng	296946	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	91
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	70
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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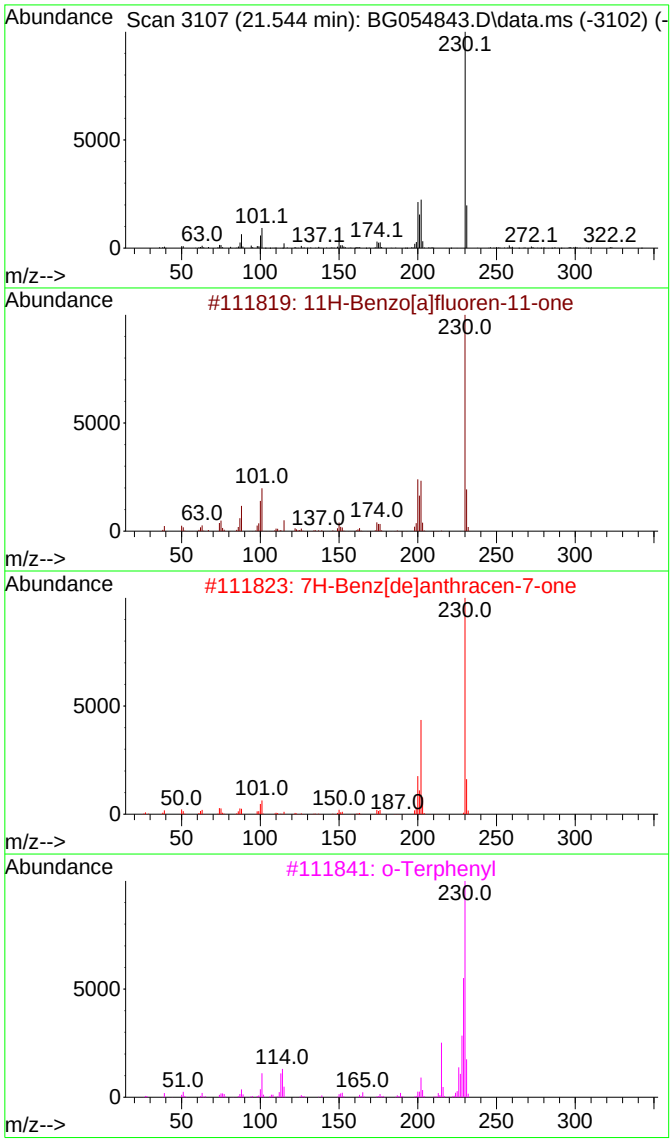
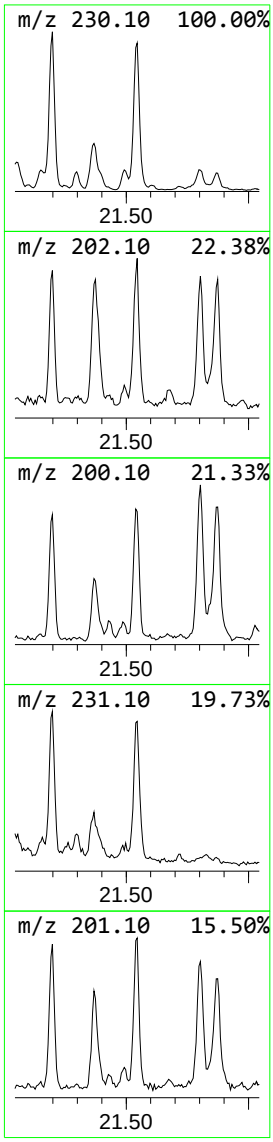
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.544	2.57 ng	288434	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	o-Terphenyl	230	C18H14	000084-15-1	59
4	Benzo(b)phenazine	230	C16H10N2	000257-97-6	50
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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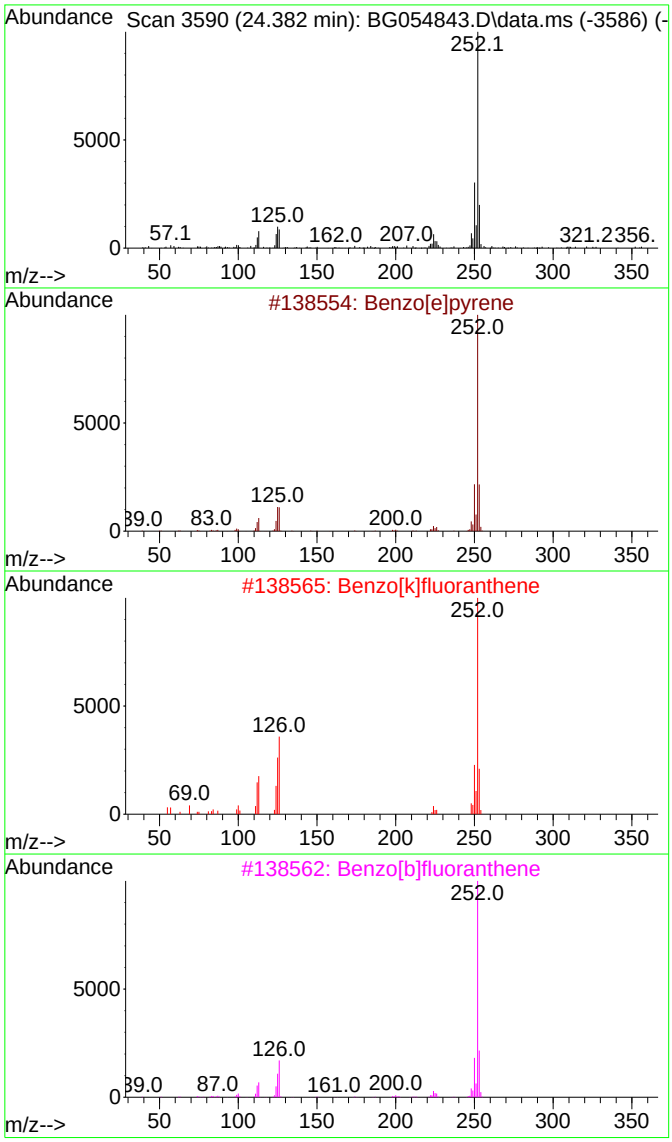
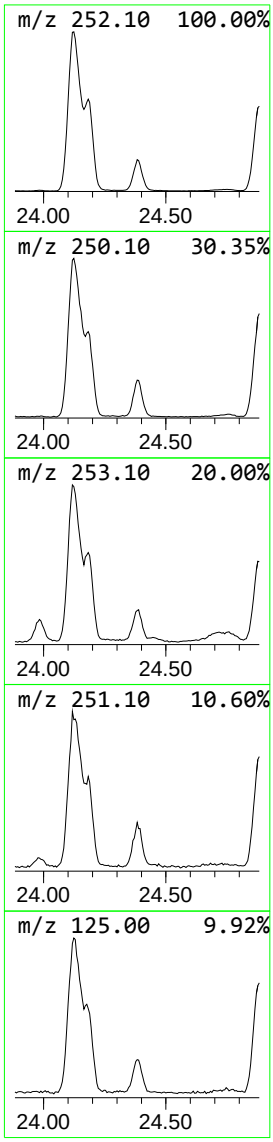
Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.382	6.59 ng	210003	Perylene-d12	25.199

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

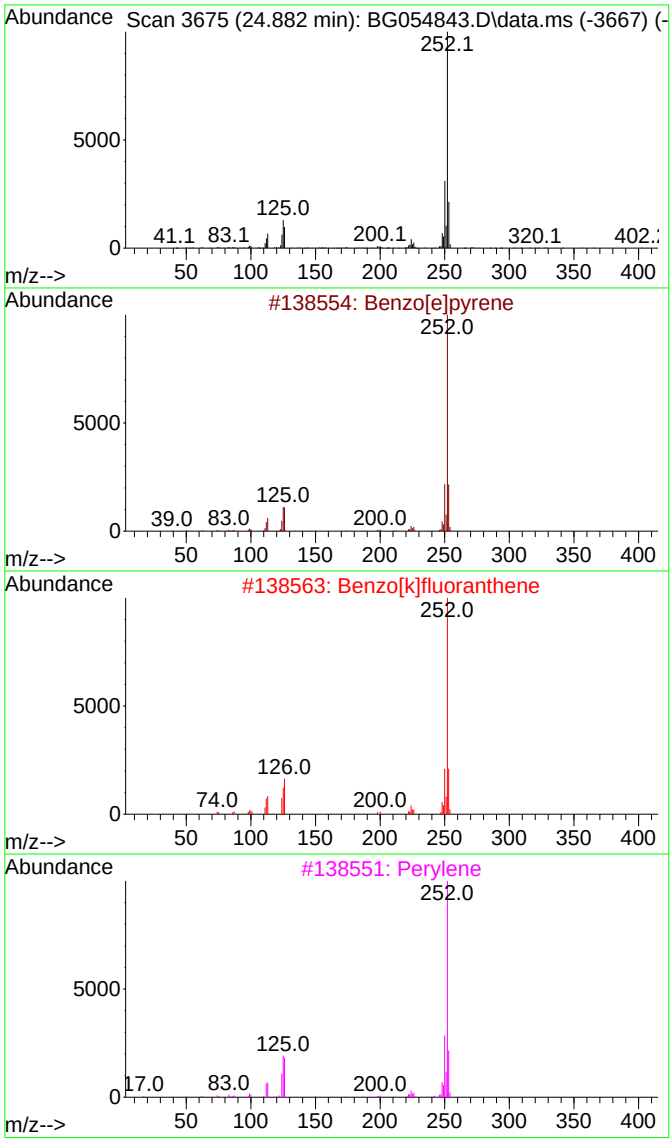
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

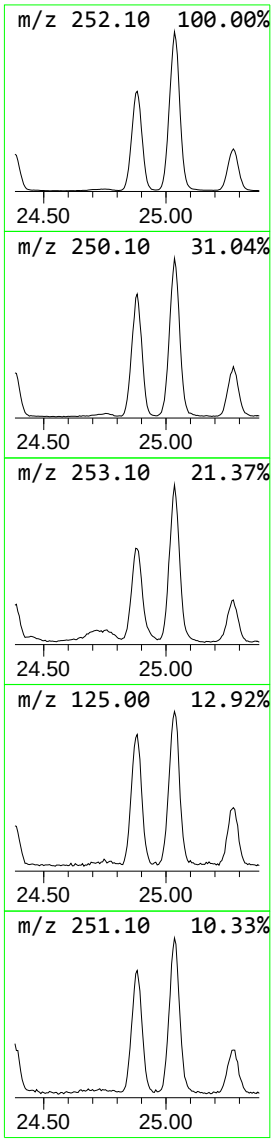
****

Peak Number 20 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.882	25.64 ng	816519	Perylene-d12	25.199

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
Hexadecanoic ac...	18.172	192.2	ng	5527030	4	17.526	575167	20.0
Phenanthrene, 1...	18.401	8.9	ng	256043	4	17.526	575167	20.0
Phenanthrene, 2...	18.448	11.6	ng	333885	4	17.526	575167	20.0
4H-Cyclopenta[d...	18.601	17.7	ng	508050	4	17.526	575167	20.0
Naphthalene, 2-...	18.895	6.2	ng	177219	4	17.526	575167	20.0
9,10-Anthracene...	18.942	6.1	ng	174208	4	17.526	575167	20.0
9,15-Octadecadi...	19.323	603.3	ng	17350900	4	17.526	575167	20.0
9-Octadecenoic ...	19.353	404.5	ng	11634000	4	17.526	575167	20.0
Methyl stearate	19.465	97.7	ng	2808180	4	17.526	575167	20.0
Pyrene, 1-methyl-	20.270	2.9	ng	329645	5	21.821	2244130	20.0
Fluoranthene, 2...	20.428	7.5	ng	845947	5	21.821	2244130	20.0
Pyrene, 2-methyl-	20.587	3.0	ng	331069	5	21.821	2244130	20.0
unknown20.857	20.857	2.2	ng	248921	5	21.821	2244130	20.0
11H-Benzo[a]flu...	21.198	3.8	ng	428848	5	21.821	2244130	20.0
Benzo[b]naphtho...	21.386	3.5	ng	387236	5	21.821	2244130	20.0
Cyclopenta(cd)p...	21.427	3.1	ng	349676	5	21.821	2244130	20.0
Cyclopenta[cd]p...	21.480	2.6	ng	296946	5	21.821	2244130	20.0
7H-Benz[de]anth...	21.544	2.6	ng	288434	5	21.821	2244130	20.0
Benzo[e]pyrene	24.382	6.6	ng	210003	6	25.199	636864	20.0
Perylene	24.882	25.6	ng	816519	6	25.199	636864	20.0