LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CHRT-20430

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-BG102422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055314.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.315	338	345	354	rVB	84547	134107	1.51%	0.263%
2	5.796	419	427	439	rBV	570035	947846	10.65%	1.860%
3	7.418	695	703	715	rBV	580956	1023975	11.51%	2.010%
4	8.270	842	848	856	rBV	181398	312814	3.52%	0.614%
5	9.445	1038	1048	1059	rBV	363008	645633	7.26%	1.267%
6	11.102	1323	1330	1336	rBV	259412	466736	5.25%	0.916%
7	13.511	1731	1740	1749	rBV	887466	1298969	14.60%	2.549%
8	14.616	1918	1928	1941	rBV	130559	326297	3.67%	0.640%
9	14.886	1964	1974	1980	rVV	366612	605894	6.81%	1.189%
10	15.920	2145	2150	2163	rVB2	68971	126507	1.42%	0.248%
11	16.361	2219	2225	2233	rVB	616403	956283	10.75%	1.877%
12	16.549	2252	2257	2272	rBV4	46693	139203	1.56%	0.273%
13	17.618	2433	2439	2443	rBV	412438	667850	7.51%	1.311%
14	17.659	2443	2446	2453	rVB	679939	962407	10.82%	1.889%
15	17.753	2457	2462	2467	rVV	158890	229808	2.58%	0.451%
16	18.247	2541	2546	2551	rVB	1690036	2033829	22.86%	3.992%
17	18.476	2580	2585	2591	rBV2	317484	573366	6.44%	1.125%
18	18.534	2591	2595	2600	rVB	177420	273146	3.07%	0.536%
19	18.681	2614	2620	2624	rBV3	220275	445314	5.01%	0.874%
20	18.975	2665	2670	2673	rBV	105880	154499	1.74%	0.303%
21	19.022	2674	2678	2682	rVB2	89381	138564	1.56%	0.272%
22	19.381	2732	2739	2741	rBV	5919738	8896326	100.00%	17.460%
23	19.410	2741	2744	2753	rVB2	4584409	6510797	73.19%	12.778%
24	19.527	2760	2764	2770	rBV2	1176479	1485221	16.69%	2.915%
25	19.592	2771	2775	2777	rVV	305004	416905	4.69%	0.818%
26	19.657	2781	2786	2791	rVB	1827405	2760097	31.03%	5.417%
27	19.804	2807	2811	2814	rBV	99140	135506	1.52%	0.266%
28	19.980	2837	2841	2843	rBV2	226445	345448	3.88%	0.678%
29	20.015	2843	2847	2853	rVB	1731876	2514227	28.26%	4.934%
30	20.080	2854	2858	2863	rBV	103566	151637	1.70%	0.298%
31	20.191	2873	2877	2882	rVB	1155682	1524143	17.13%	2.991%
32	20.497	2926	2929	2936	rVB	375810	494520	5.56%	0.971%
33	20.597	2942	2946	2950	rBV2	217367	361866	4.07%	0.710%
34	20.656	2953	2956	2960	rVB	224419	289222	3.25%	0.568%
35	20.791	2977	2979	2983	rVB	125274	134038	1.51%	0.263%
36	20.838	2984	2987	2995	rVB2	167772	298630	3.36%	0.586%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

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-BG102422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.272	3057	3061	3068	rVB	189679	320377	3.60%	0.629%
38	21.466	3091	3094	3096	rBV	111568	124592	1.40%	0.245%
39	21.560	3106	3110	3115	rBV2	171382	264425	2.97%	0.519%
40	21.884	3160	3165	3173	rBV2	1156957	2841099	31.94%	5.576%
41	21.954	3173	3177	3188	rVB	1026776	1794240	20.17%	3.521%
42	22.113	3201	3204	3210	rVB	146241	221123	2.49%	0.434%
43	24.234	3556	3565	3573	rBV	824850	3101088	34.86%	6.086%
44	25.003	3690	3696	3710	rVB	475155	1446524	16.26%	2.839%
45	25.156	3714	3722	3735	rVV	694890	2057918	23.13%	4.039%

Sum of corrected areas: 50953016

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
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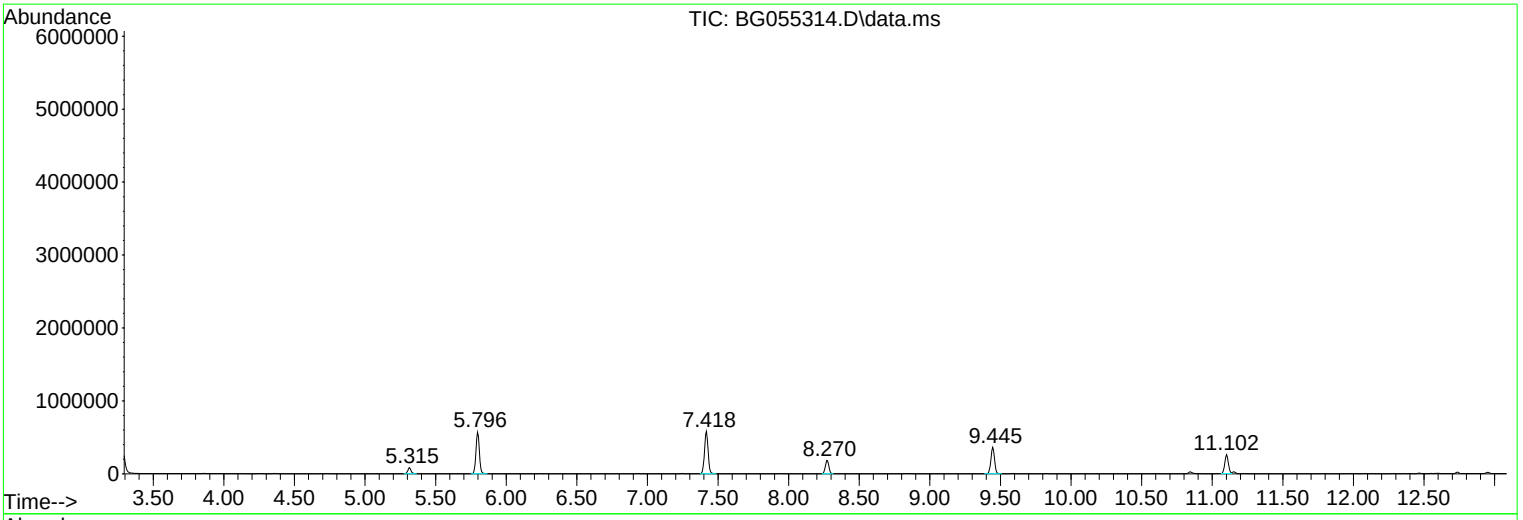
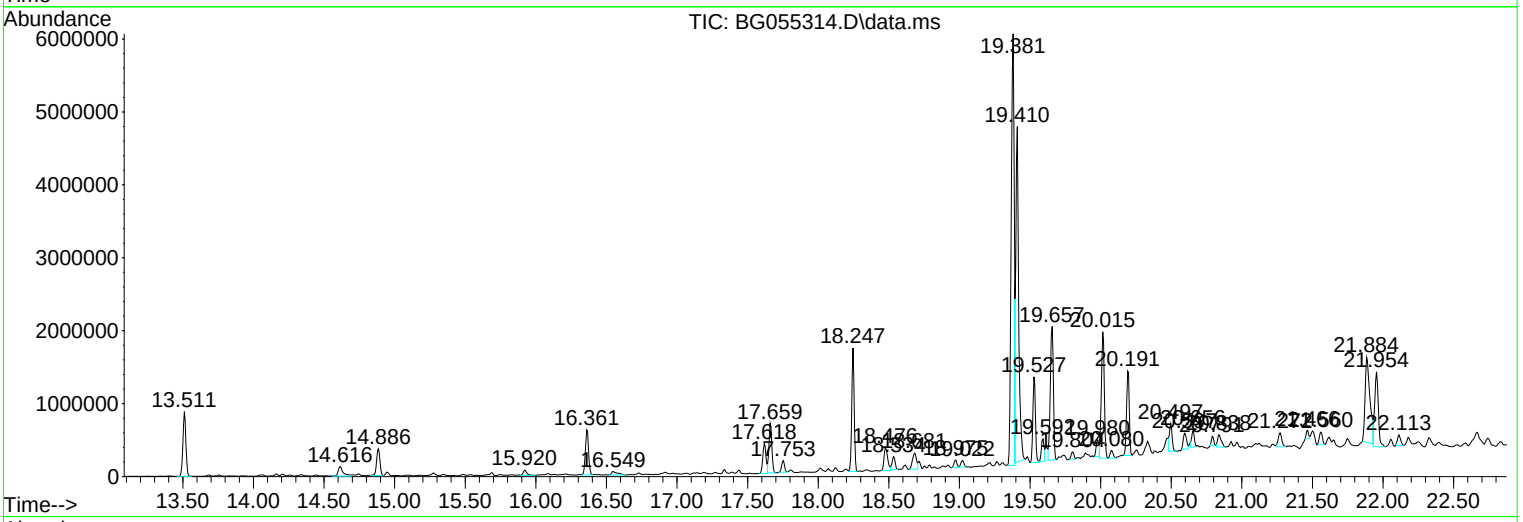
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

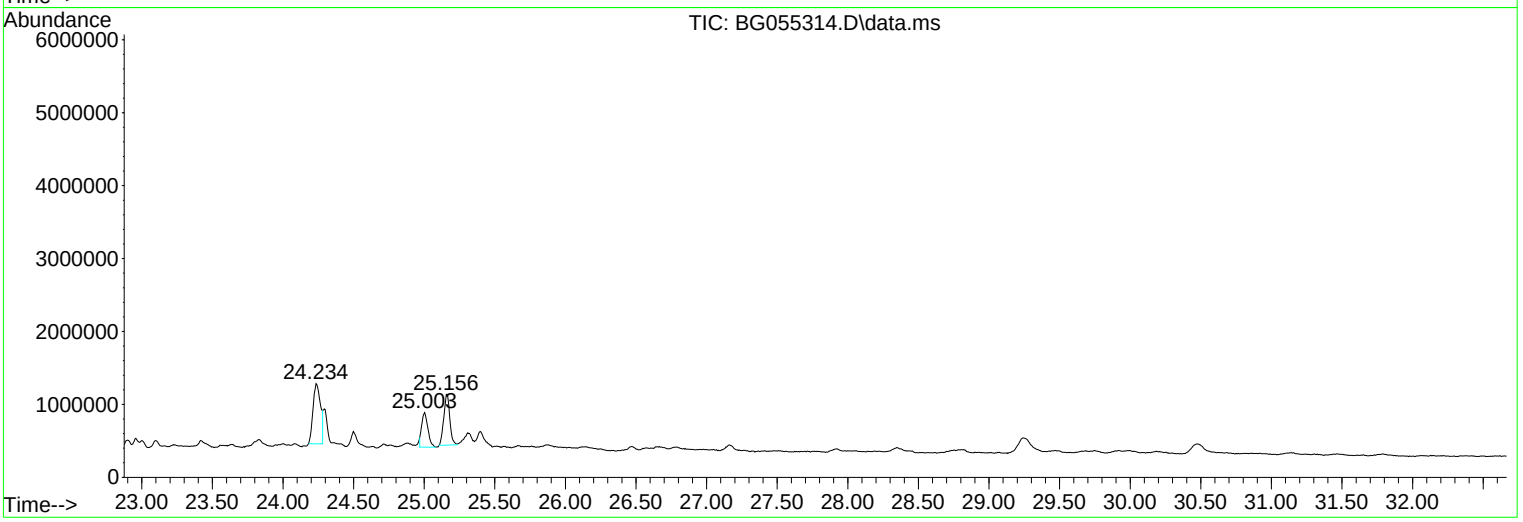
Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.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\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

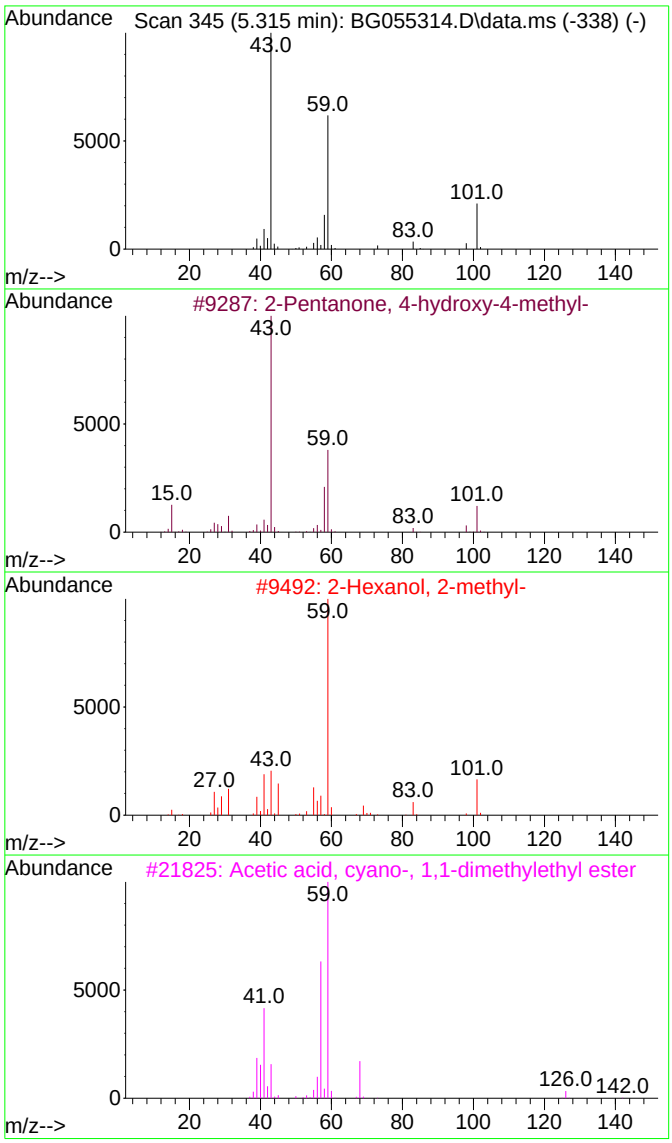
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

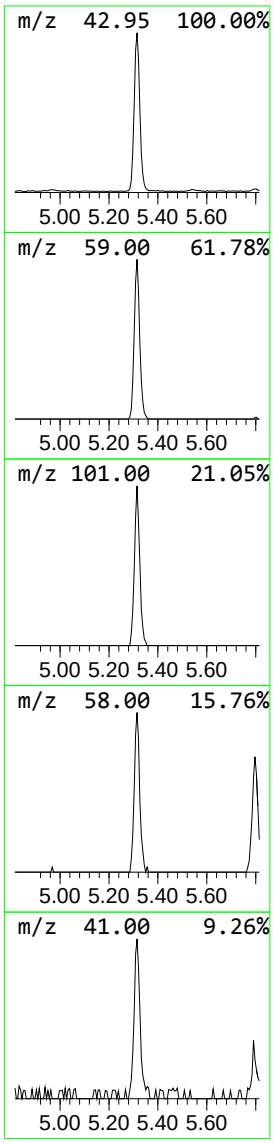
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.315	8.57 ng	134107	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

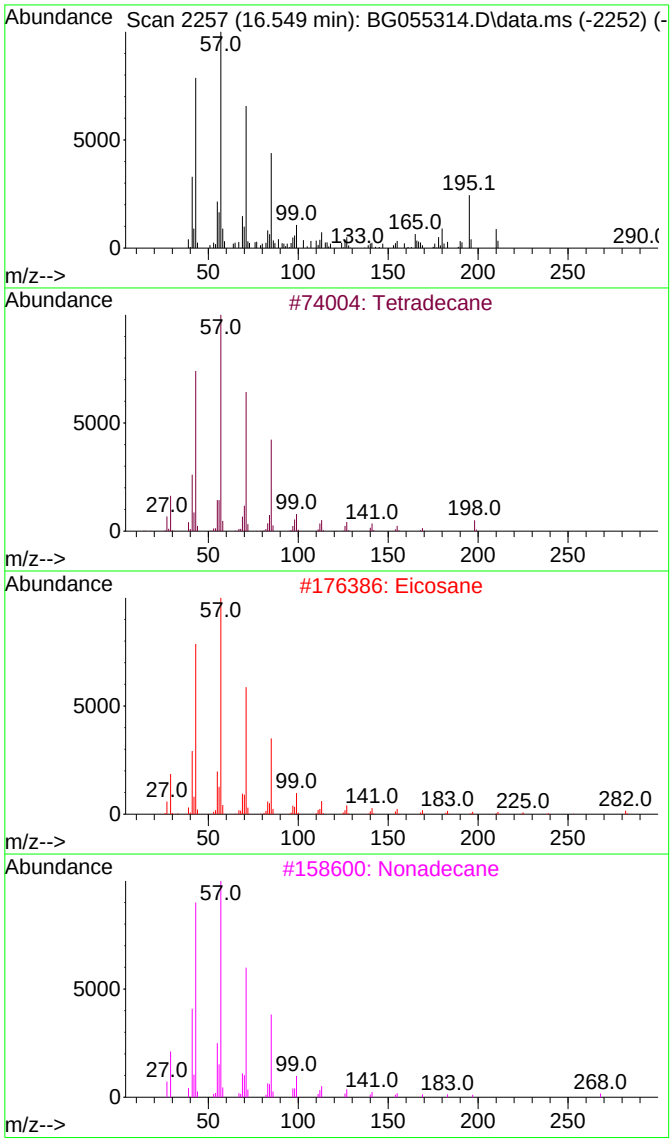
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

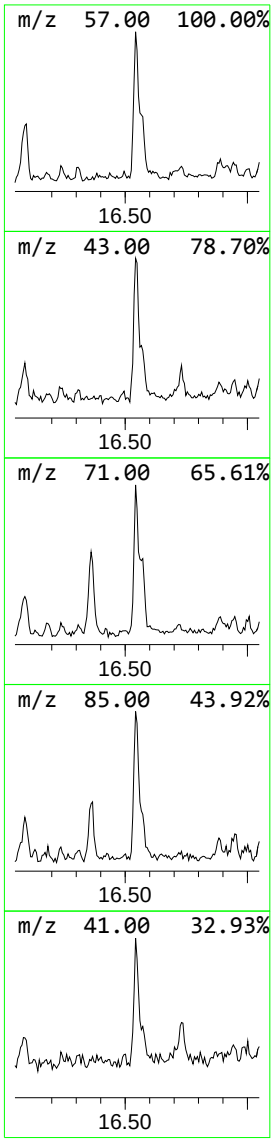
****

Peak Number 2 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.549	4.17 ng	139203	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	58
2	Eicosane	282	C20H42	000112-95-8	58
3	Nonadecane	268	C19H40	000629-92-5	58
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
5	Pentadecane	212	C15H32	000629-62-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

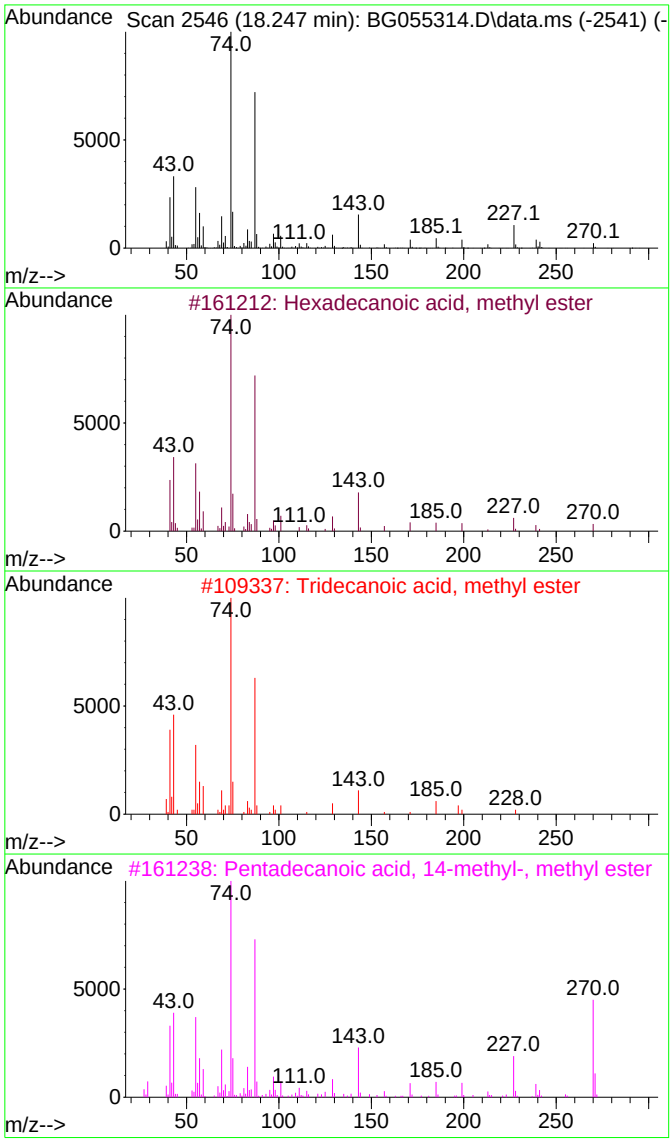
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

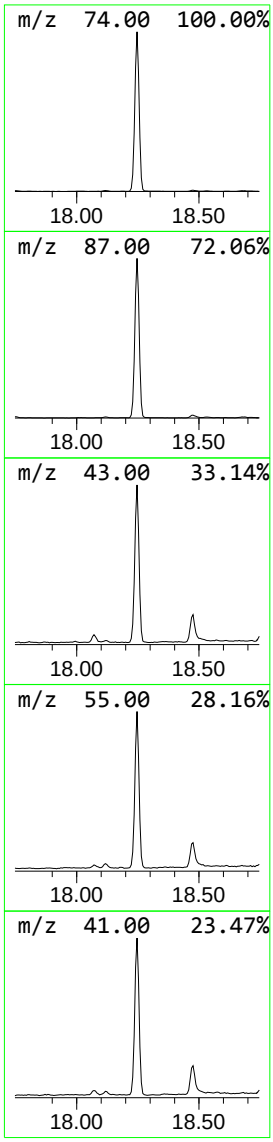
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.247	60.91 ng	2033830	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

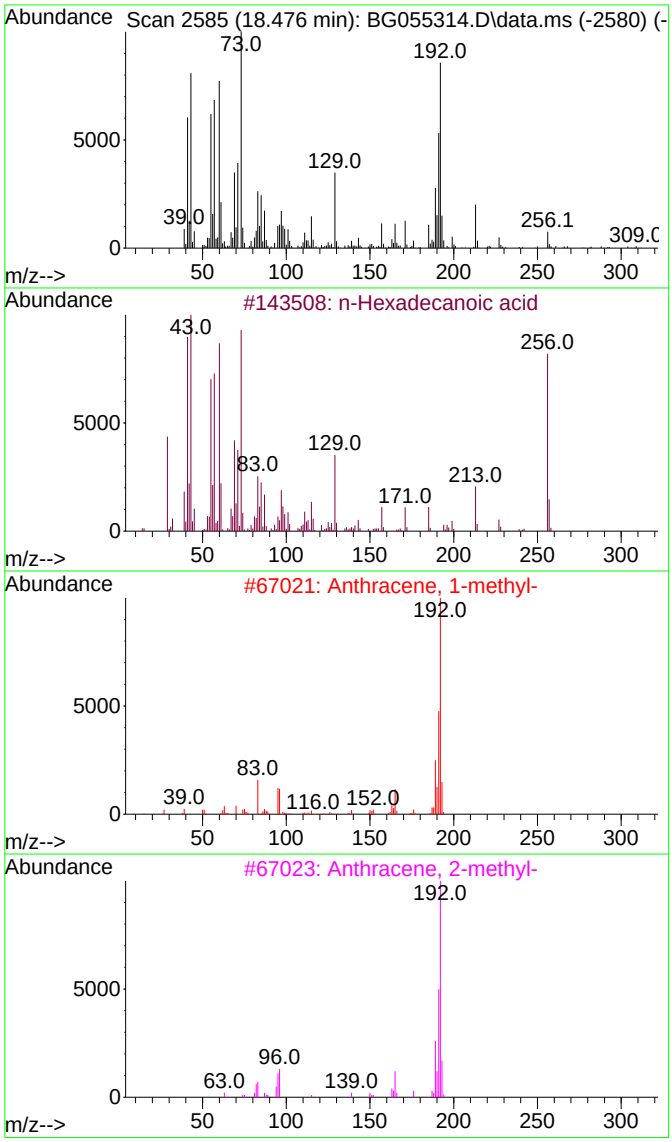
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

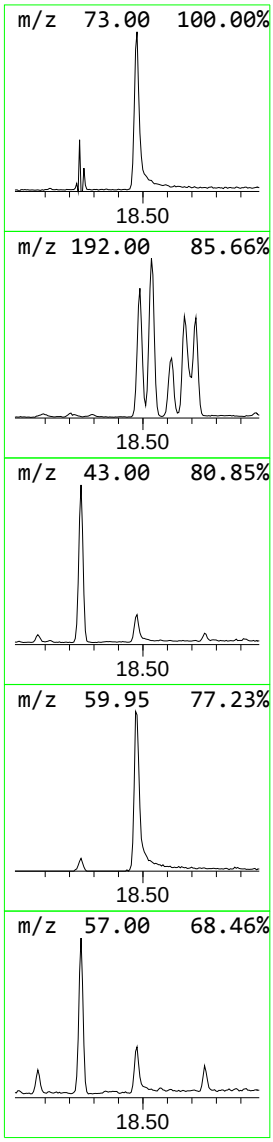
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.476	17.17 ng	573366	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

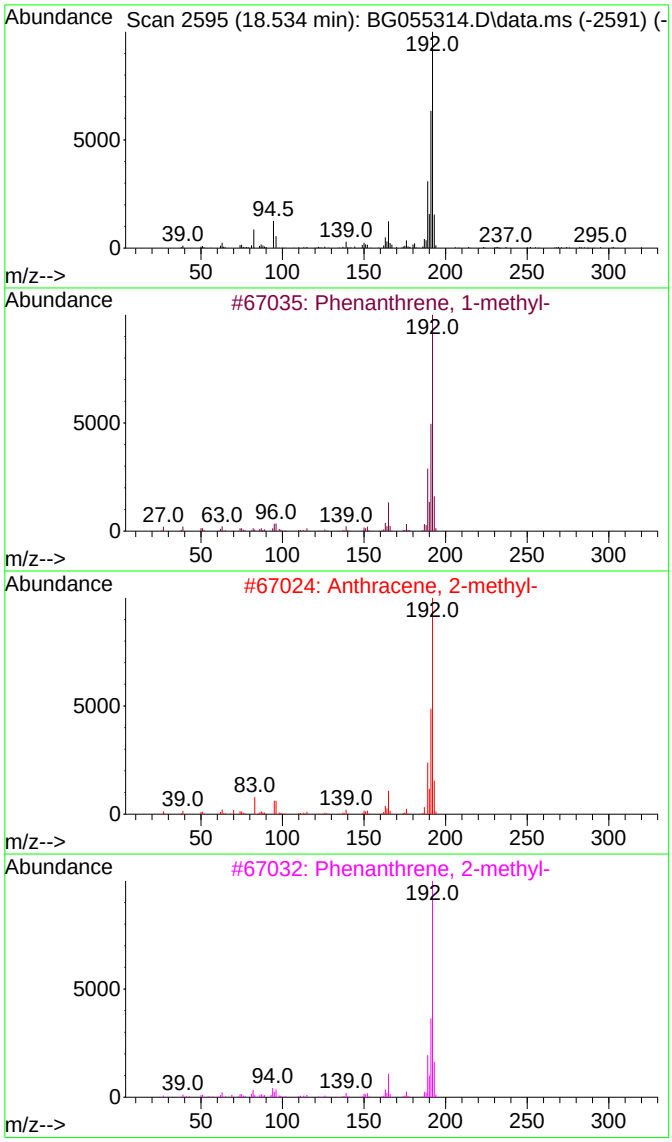
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

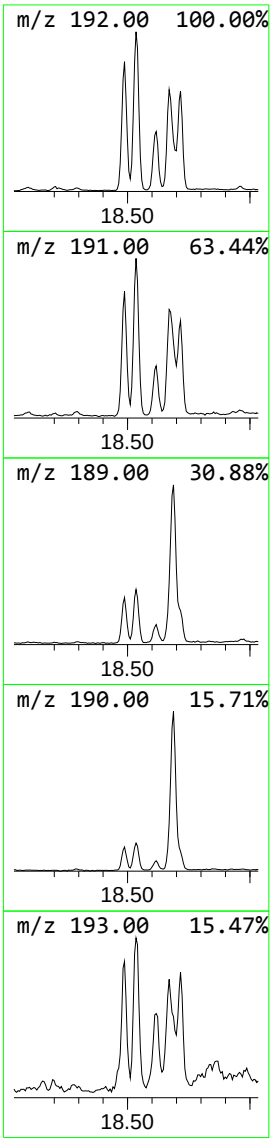
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.535	8.18 ng	273146	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

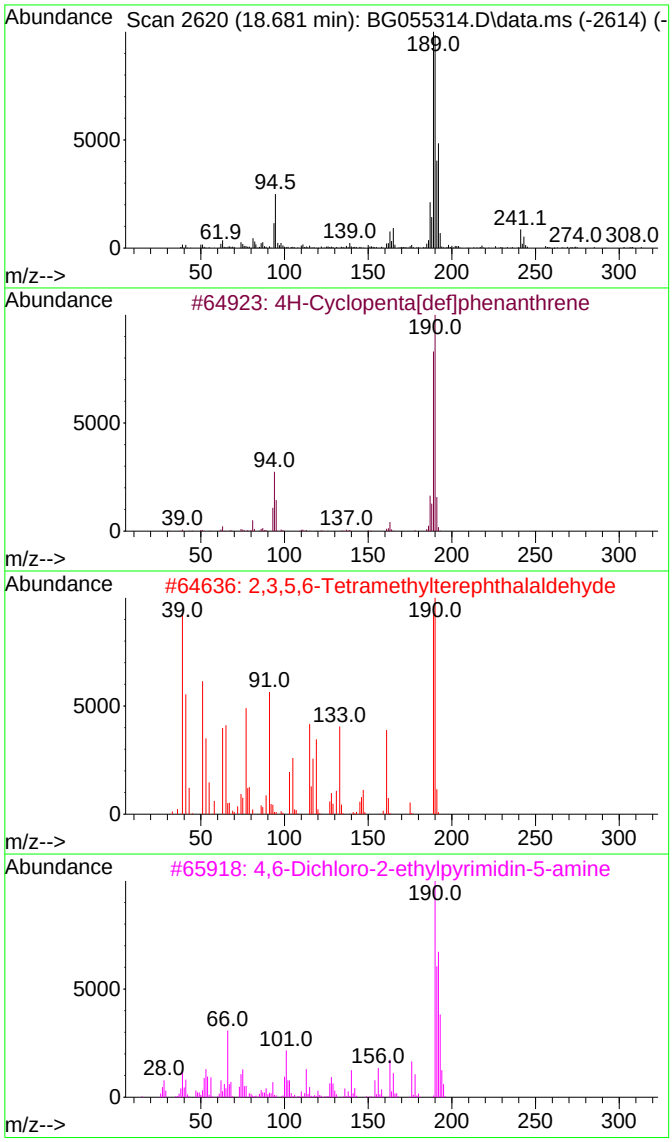
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

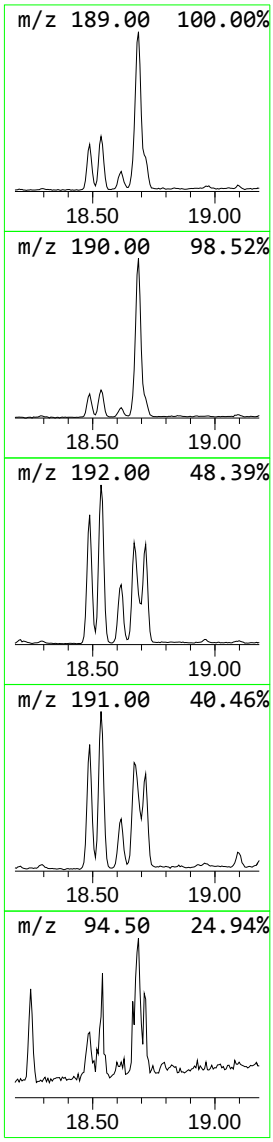
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	13.34 ng	445314	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
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Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

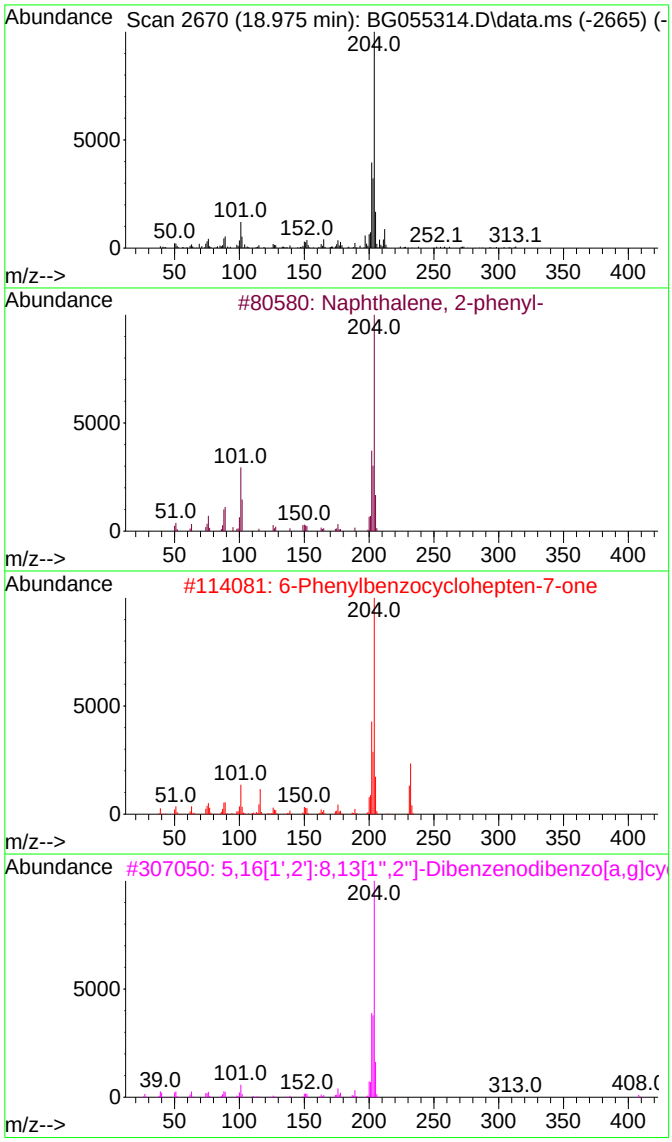
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

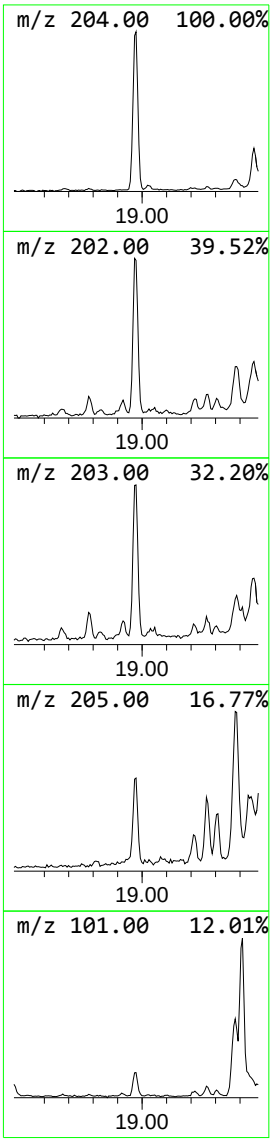
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.975	4.63 ng	154499	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	87
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

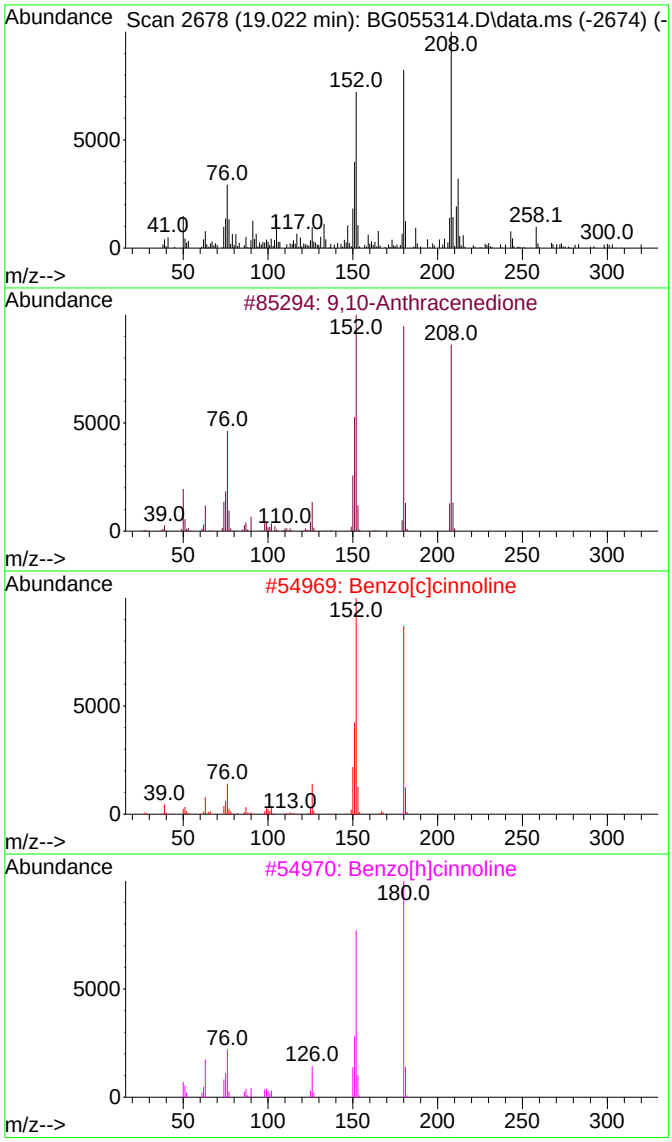
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

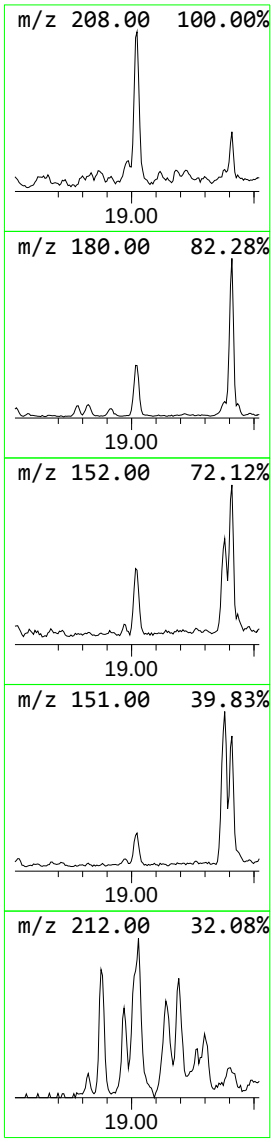
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	4.15 ng	138564	Phenanthrene-d10	17.618

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	89
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	43





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Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

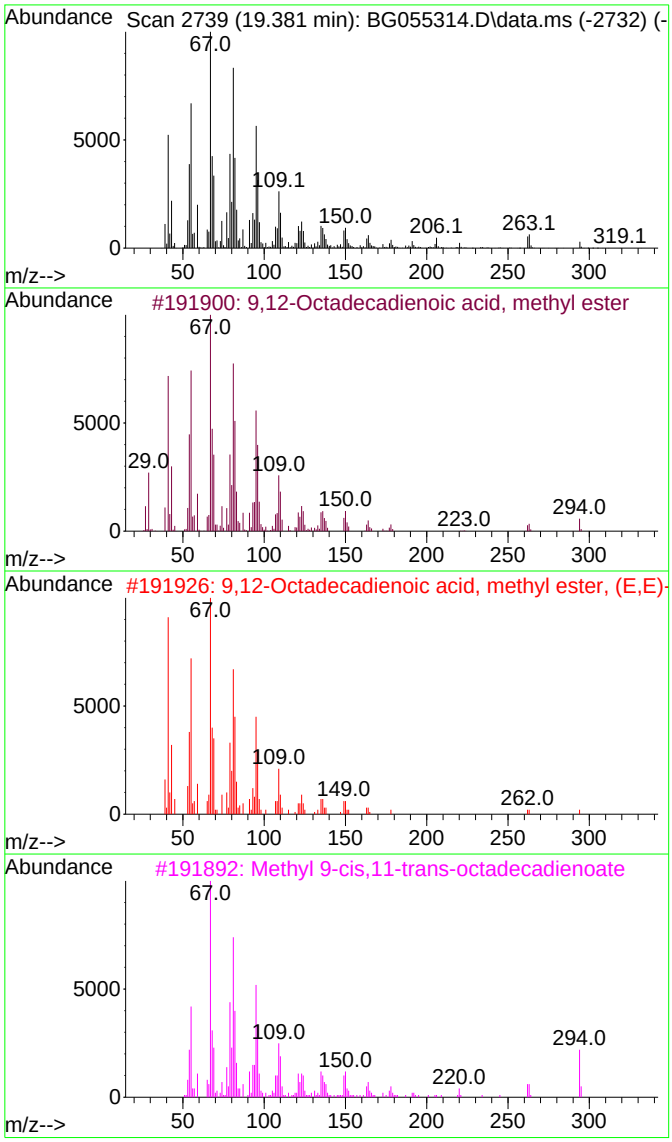
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

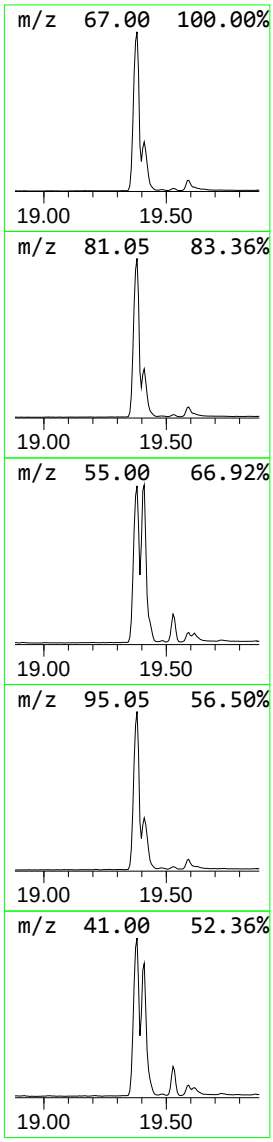
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.381	266.42 ng	8896330	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98





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Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

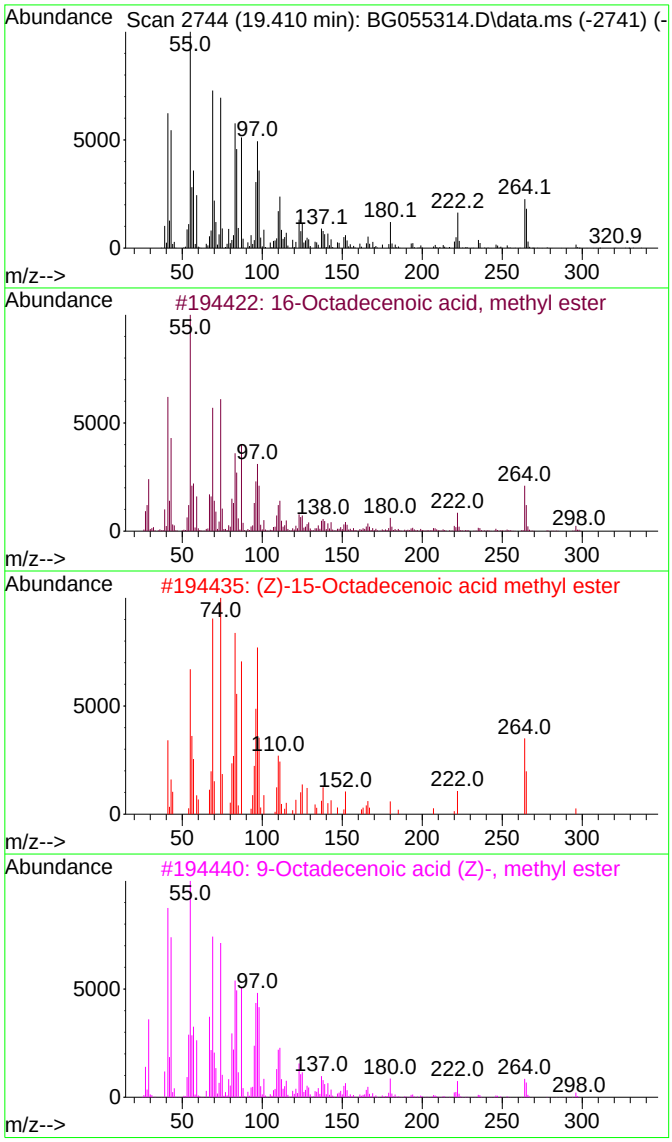
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

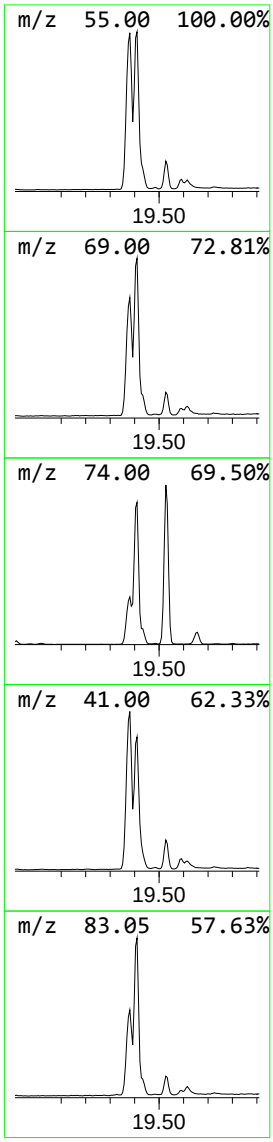
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	194.98 ng	6510800	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93





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Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

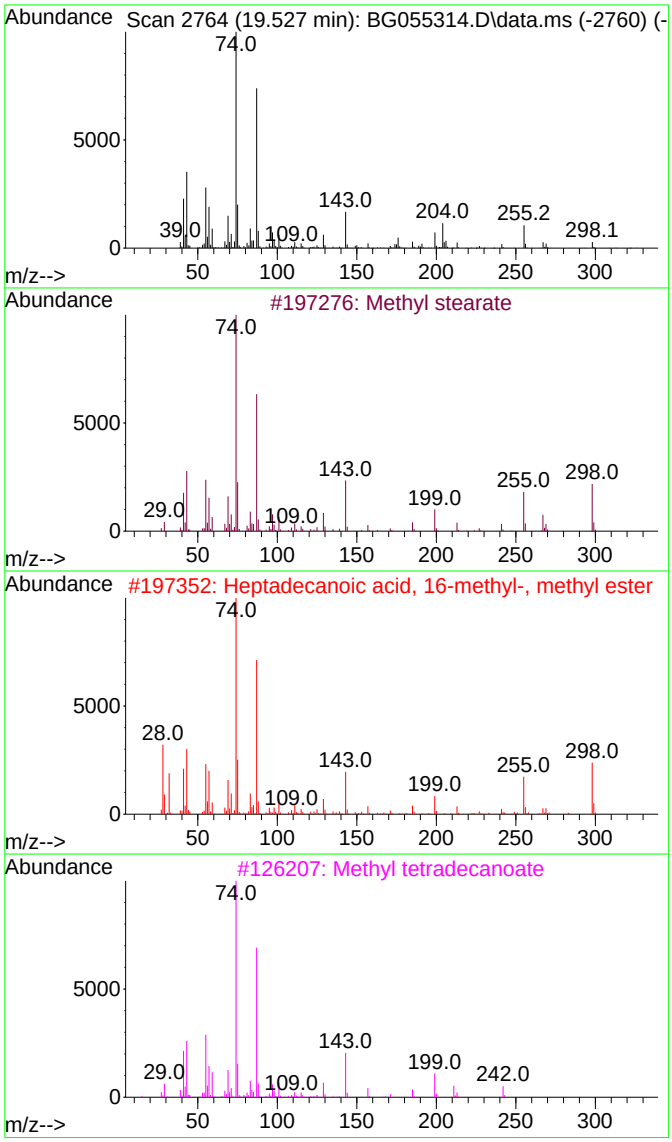
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

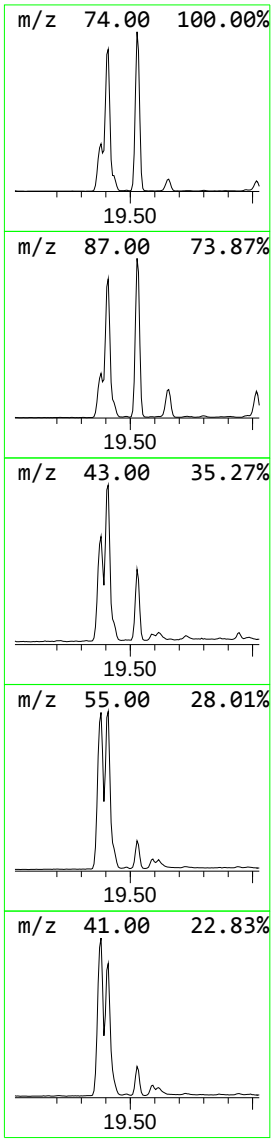
****

Peak Number 11 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.527	44.48 ng	1485220	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87





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Acq On : 27 Oct 2022 1:31
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Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

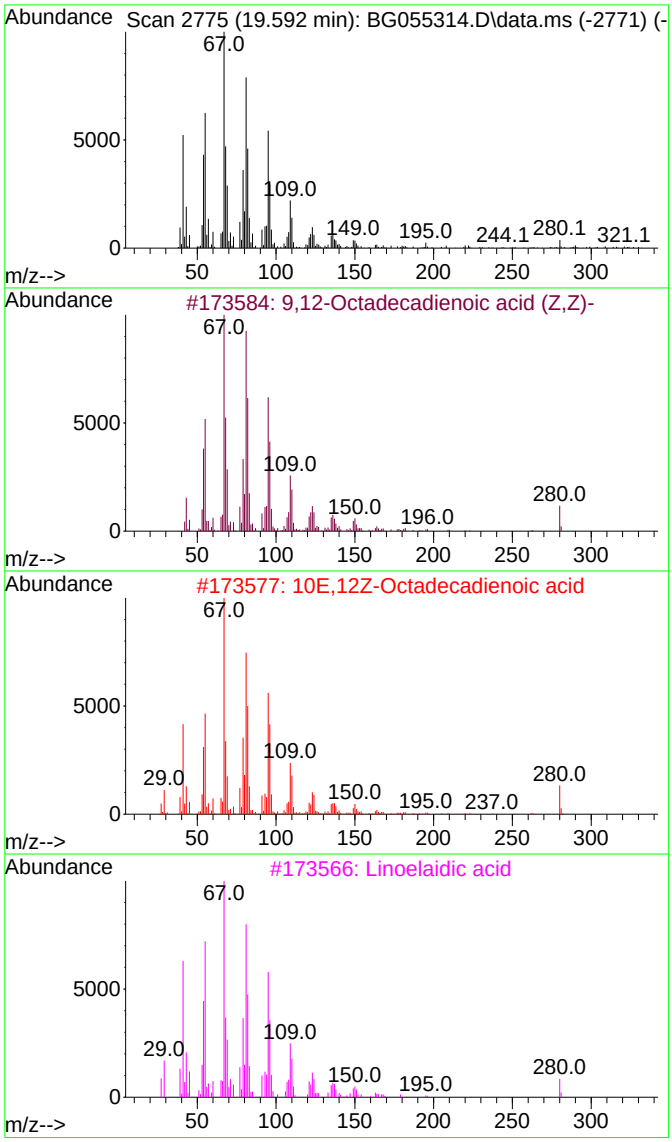
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

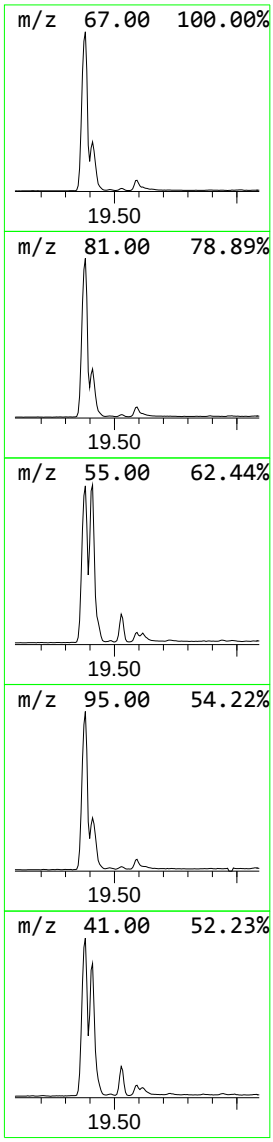
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,12-Octadecadienoic acid (... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.592	12.48 ng	416905	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	98
3	Linoelaidic acid	280	C18H32O2	000506-21-8	98
4	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	97
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	91





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Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

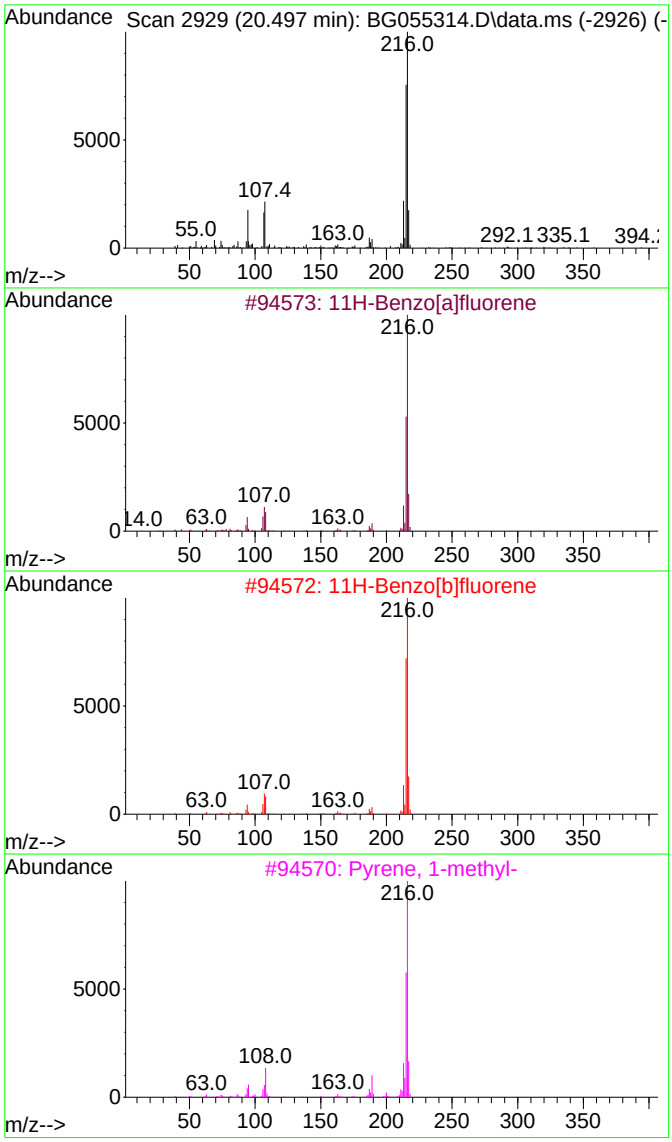
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

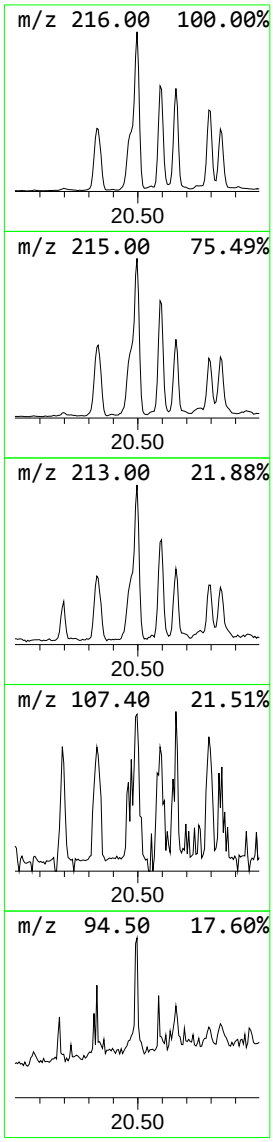
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.497	3.48 ng	494520	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53





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Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

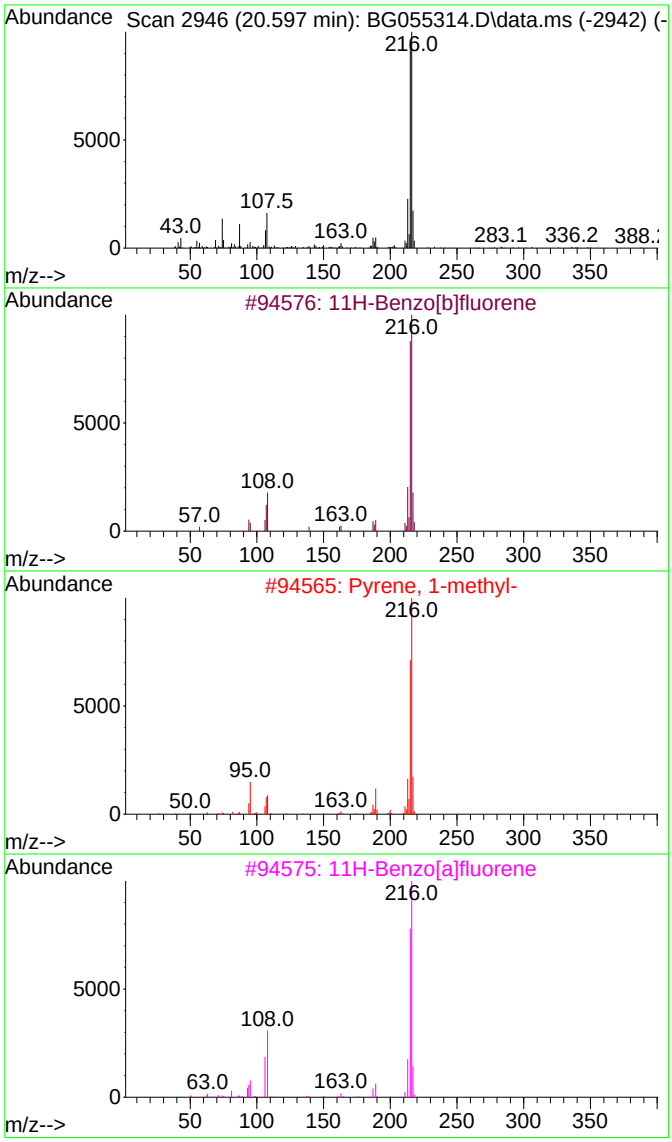
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

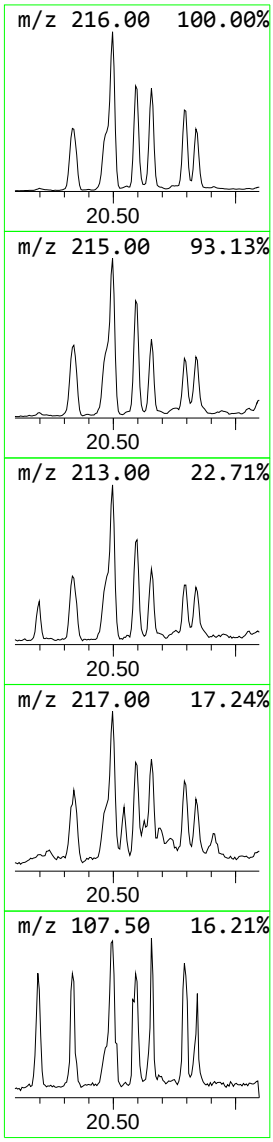
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.597	2.55 ng	361866	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

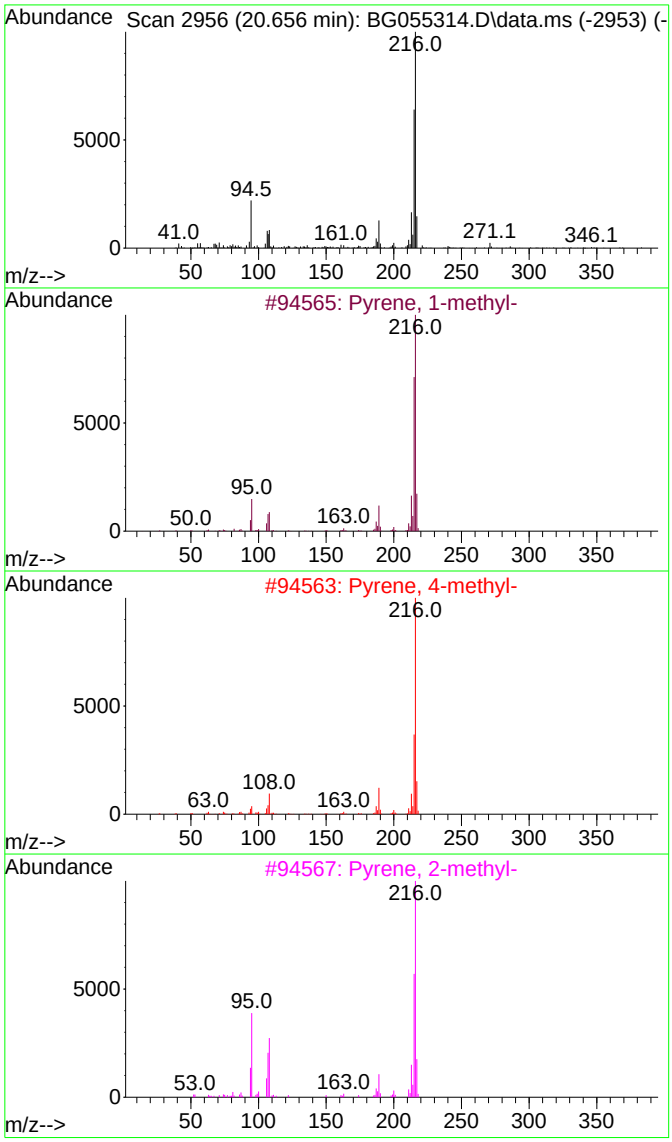
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

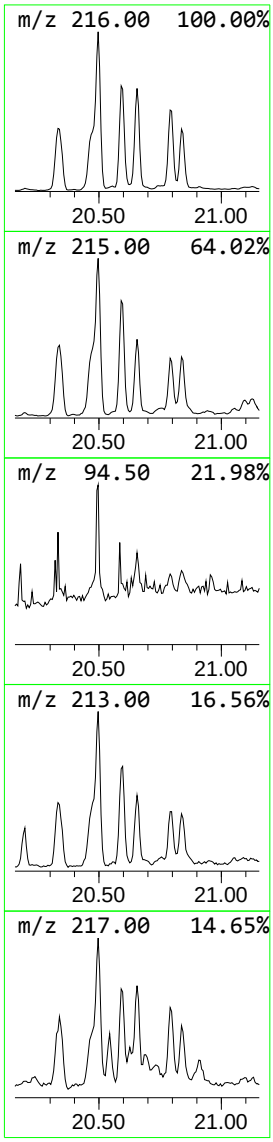
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.656	2.04 ng	289222	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

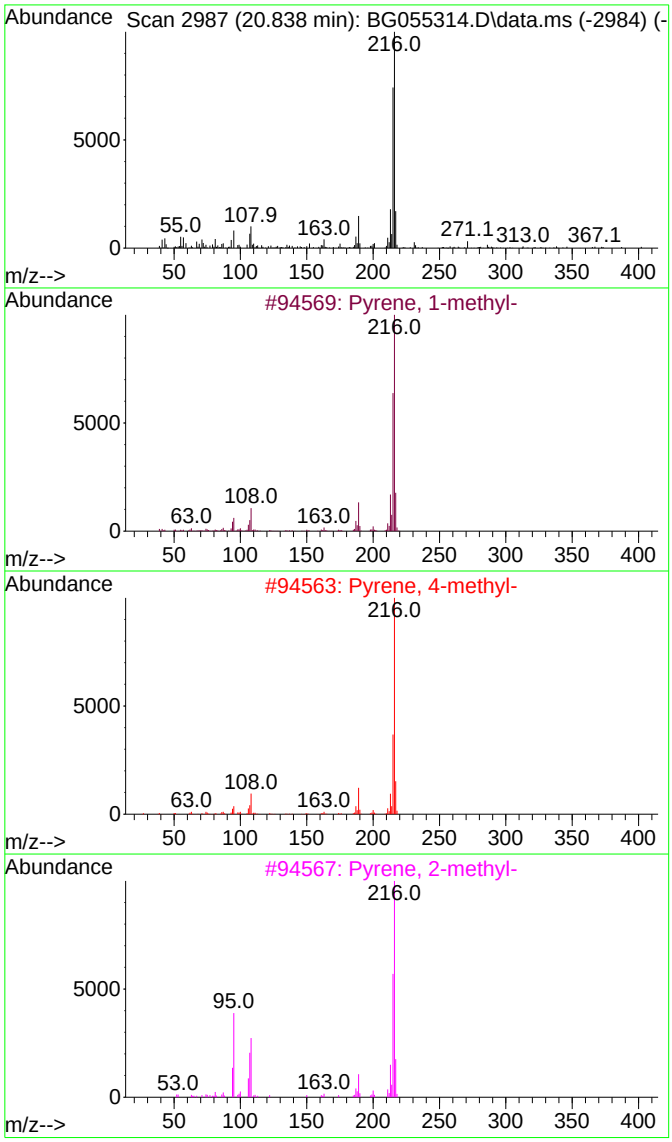
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

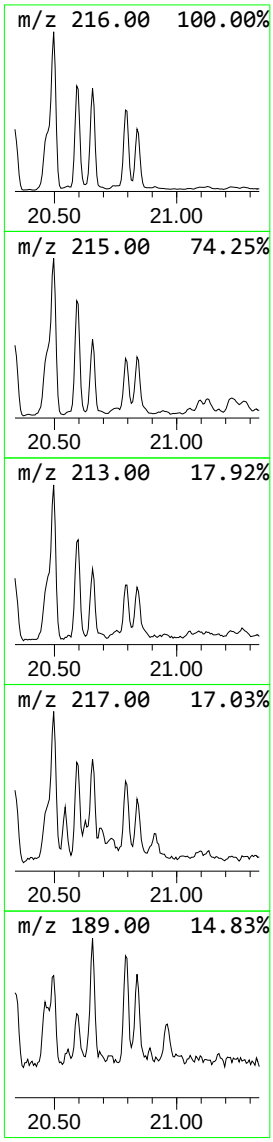
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.838	2.10 ng	298630	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

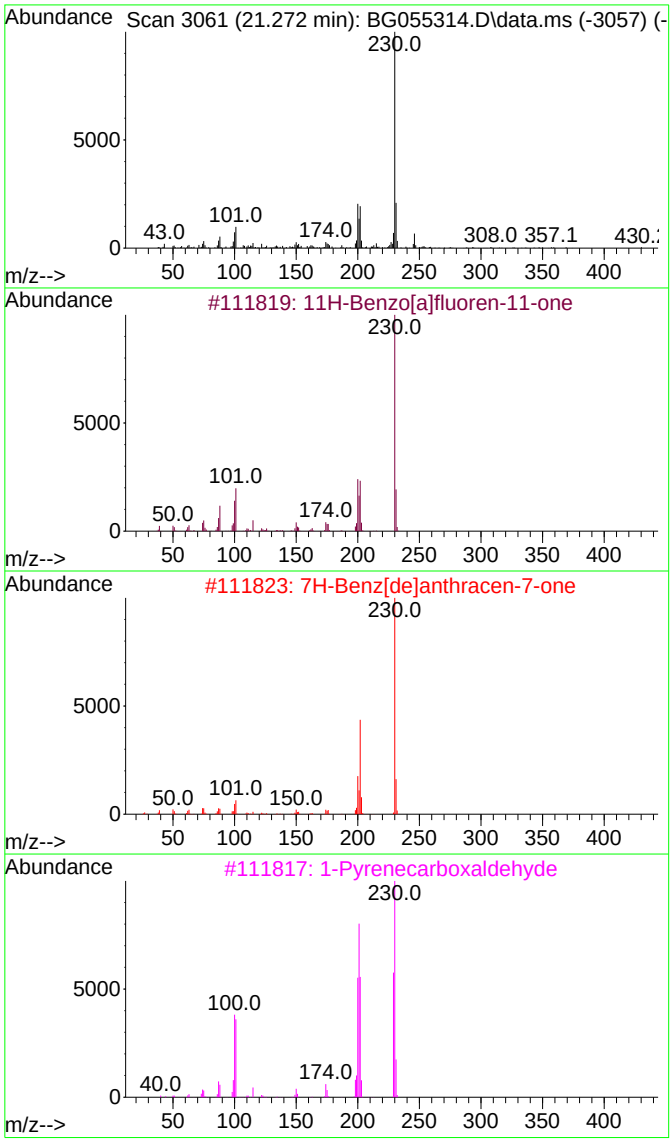
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

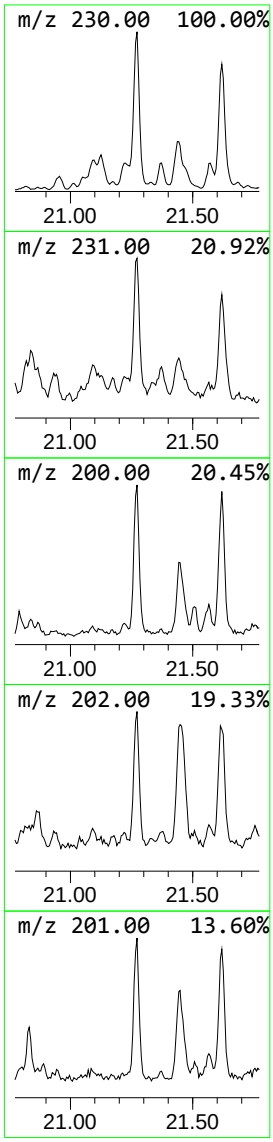
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.273	2.26 ng	320377	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	80
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	o-Terphenyl	230	C18H14	000084-15-1	64





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Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

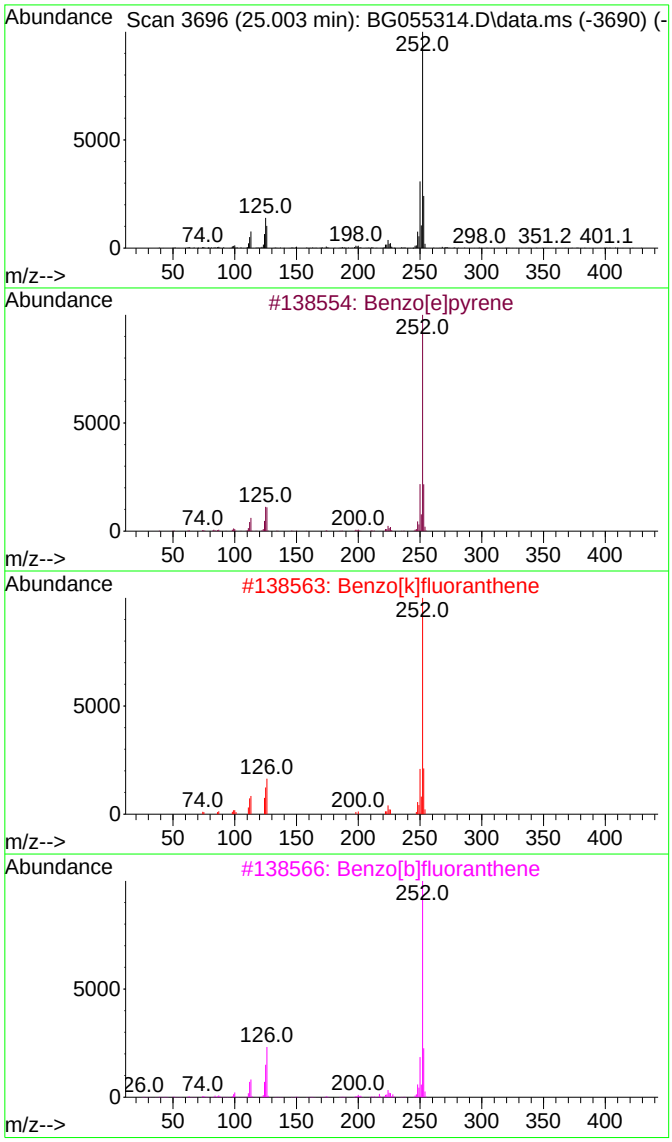
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

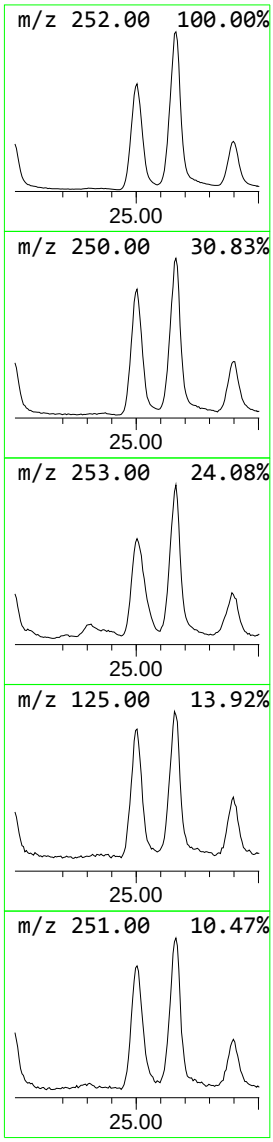
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.003	14.06 ng	1446520	Perylene-d12	25.315

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055314.D
Acq On : 27 Oct 2022 1:31
Operator : CG/JU
Sample : N5238-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.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
2-Pentanone, 4-...	5.315	8.6	ng	134107	1	8.276	312814	20.0
Tetradecane	16.549	4.2	ng	139203	4	17.618	667850	20.0
Hexadecanoic ac...	18.247	60.9	ng	2033830	4	17.618	667850	20.0
n-Hexadecanoic ...	18.476	17.2	ng	573366	4	17.618	667850	20.0
Phenanthrene, 1...	18.535	8.2	ng	273146	4	17.618	667850	20.0
4H-Cyclopenta[d...	18.681	13.3	ng	445314	4	17.618	667850	20.0
Naphthalene, 2-...	18.975	4.6	ng	154499	4	17.618	667850	20.0
9,10-Anthracene...	19.022	4.2	ng	138564	4	17.618	667850	20.0
9,12-Octadecadi...	19.381	266.4	ng	8896330	4	17.618	667850	20.0
16-Octadecenoic...	19.410	195.0	ng	6510800	4	17.618	667850	20.0
Methyl stearate	19.527	44.5	ng	1485220	4	17.618	667850	20.0
9,12-Octadecadi...	19.592	12.5	ng	416905	4	17.618	667850	20.0
11H-Benzo[a]flu...	20.497	3.5	ng	494520	5	21.907	2841100	20.0
11H-Benzo[b]flu...	20.597	2.5	ng	361866	5	21.907	2841100	20.0
Pyrene, 1-methyl-	20.656	2.0	ng	289222	5	21.907	2841100	20.0
Pyrene, 4-methyl-	20.838	2.1	ng	298630	5	21.907	2841100	20.0
11H-Benzo[a]flu...	21.273	2.3	ng	320377	5	21.907	2841100	20.0
Benzo[e]pyrene	25.003	14.1	ng	1446520	6	25.315	2057920	20.0