LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055756.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.394	691	699	707	rBV	130900	233727	1.05%	0.434%
2	8.246	838	844	851	rVB	174394	296684	1.33%	0.550%
3	11.078	1320	1326	1332	rBV	223191	374188	1.68%	0.694%
4	13.493	1731	1737	1744	rVB	222258	344685	1.54%	0.639%
5	14.045	1822	1831	1840	rBV5	119792	260370	1.17%	0.483%
6	14.874	1966	1972	1977	rVB	341598	547041	2.45%	1.015%
7	15.914	2138	2149	2160	rBV3	95424	225125	1.01%	0.418%
8	16.730	2281	2288	2292	rBV	270917	369612	1.66%	0.686%
9	17.612	2433	2438	2442	rBV	398942	635802	2.85%	1.179%
10	17.659	2442	2446	2451	rVB	411536	609281	2.73%	1.130%
11	18.117	2521	2524	2532	rVB2	351477	468995	2.10%	0.870%
12	18.276	2541	2551	2555	rBV	10719757	22321053	100.00%	41.404%
13	18.493	2582	2588	2592	rBV2	298482	603935	2.71%	1.120%
14	18.534	2592	2595	2600	rVB	295502	406394	1.82%	0.754%
15	18.681	2614	2620	2624	rBV4	235994	506988	2.27%	0.940%
16	18.787	2635	2638	2649	rVB3	248288	372158	1.67%	0.690%
17	18.922	2657	2661	2666	rVB2	293935	370731	1.66%	0.688%
18	19.521	2761	2763	2765	rBV	512270	409153	1.83%	0.759%
19	19.562	2765	2770	2774	rVB	8852836	11772756	52.74%	21.838%
20	19.609	2774	2778	2784	rBV2	433744	730724	3.27%	1.355%
21	19.662	2784	2787	2794	rVB	412341	682717	3.06%	1.266%
22	19.903	2824	2828	2835	rBV4	270935	432465	1.94%	0.802%
23	20.032	2846	2850	2858	rVV2	382575	905327	4.06%	1.679%
24	20.097	2858	2861	2868	rVB3	132250	273293	1.22%	0.507%
25	20.214	2876	2881	2885	rVB	478179	648637	2.91%	1.203%
26	20.426	2913	2917	2919	rBV2	306723	460424	2.06%	0.854%
27	20.514	2924	2932	2940	rVB2	830536	1727246	7.74%	3.204%
28	20.620	2946	2950	2954	rBV2	1016133	1166617	5.23%	2.164%
29	20.673	2954	2959	2964	rVV2	607212	1118285	5.01%	2.074%
30	20.726	2964	2968	2976	rVB	444048	786960	3.53%	1.460%
31	20.855	2987	2990	2999	rVB5	279166	586688	2.63%	1.088%
32	20.937	3000	3004	3009	rVB2	224142	305928	1.37%	0.567%
33	21.284	3057	3063	3070	rVB3	374183	842889	3.78%	1.564%
34	21.672	3124	3129	3137	rVB	881908	1230377	5.51%	2.282%
35	21.918	3164	3171	3176	rBV2	369581	882524	3.95%	1.637%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

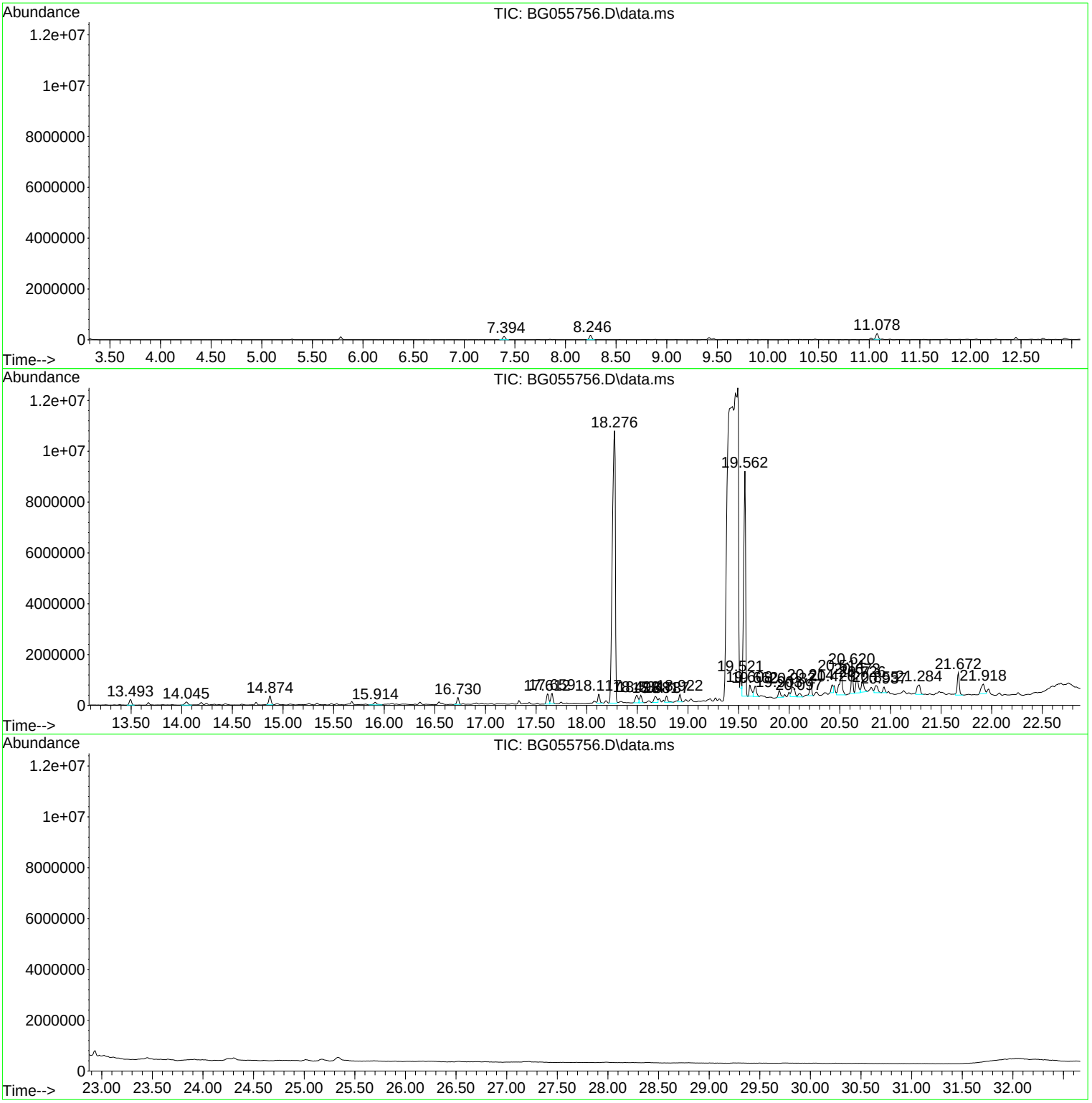
Sum of corrected areas: 53909779

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

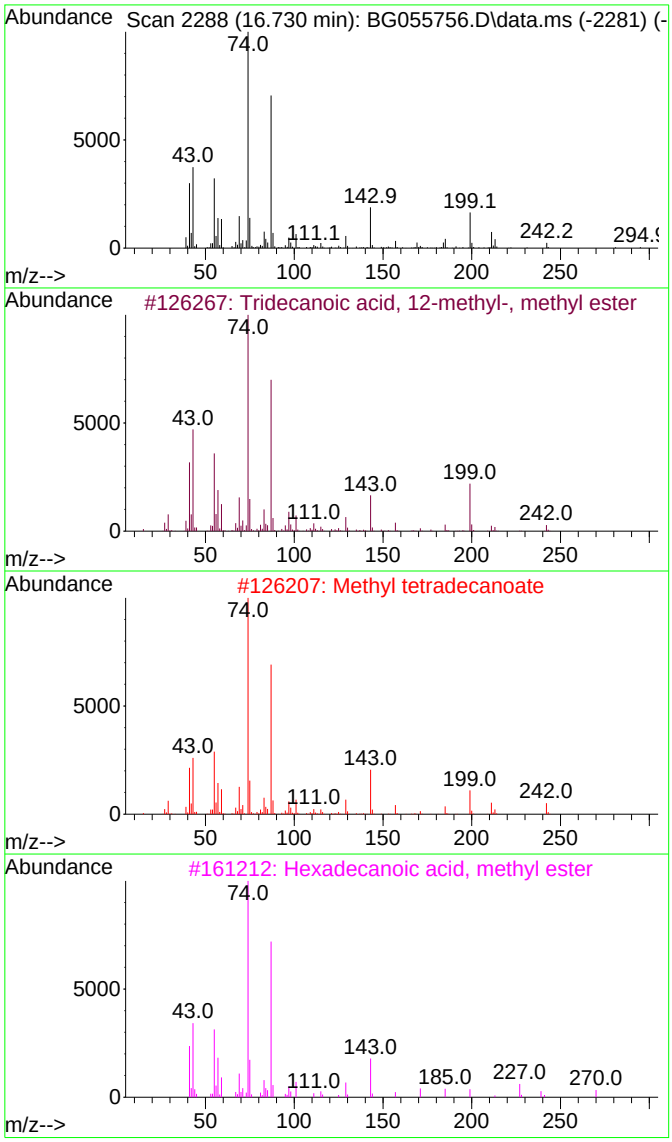
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

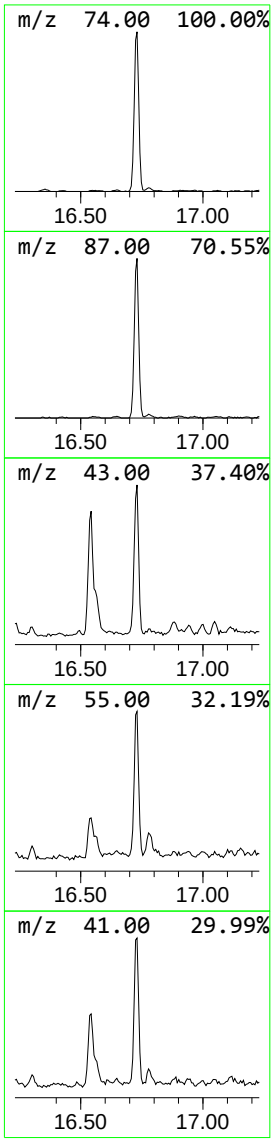
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tridecanoic acid, 12-methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.730	11.63 ng	369612	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	93
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83
4	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	81
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

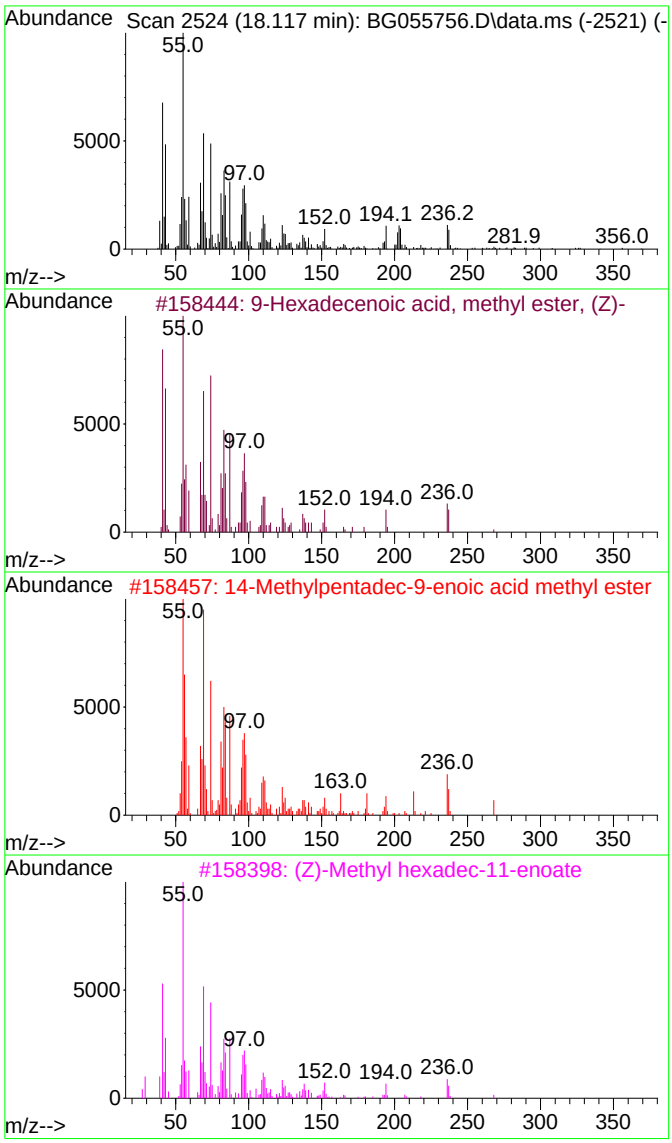
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

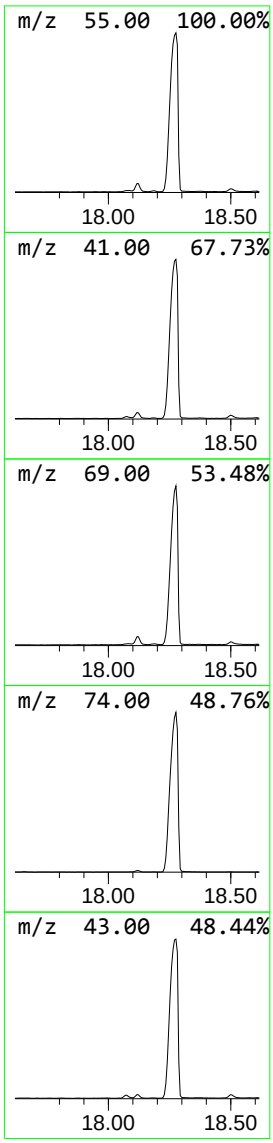
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9-Hexadecenoic acid, methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.117	14.75 ng	468995	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	91
3	(Z)-Methyl hexadec-11-enoate	268	C17H32O2	000822-05-9	91
4	6-Pentadecenoic acid, 13-methyl-...	268	C17H32O2	1000505-96-4	91
5	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

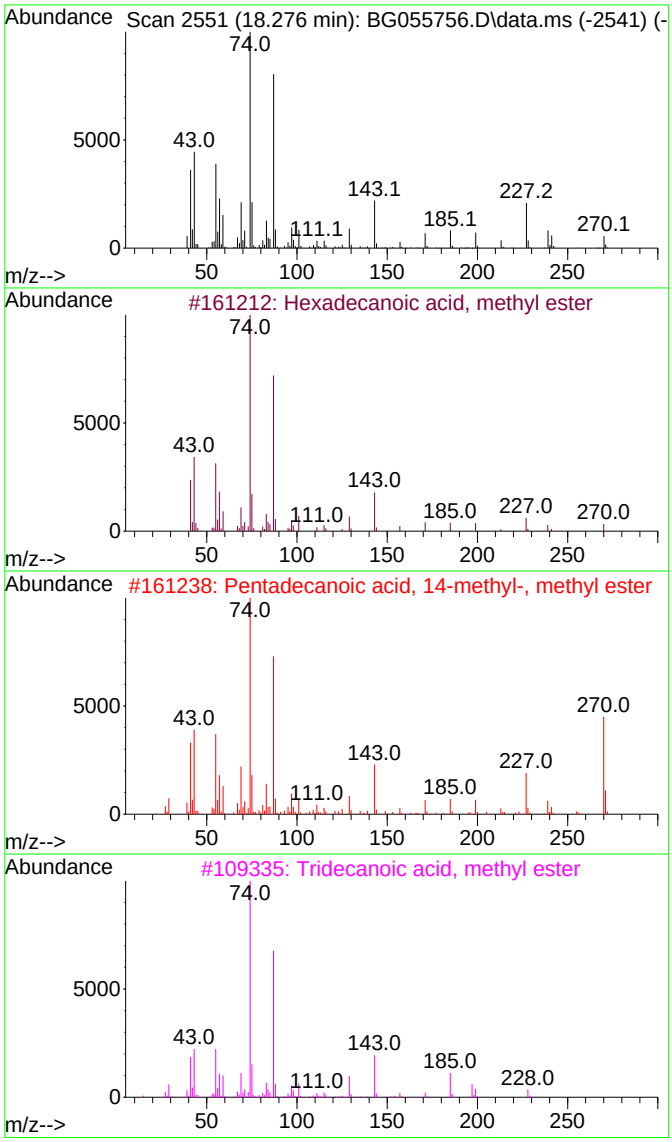
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

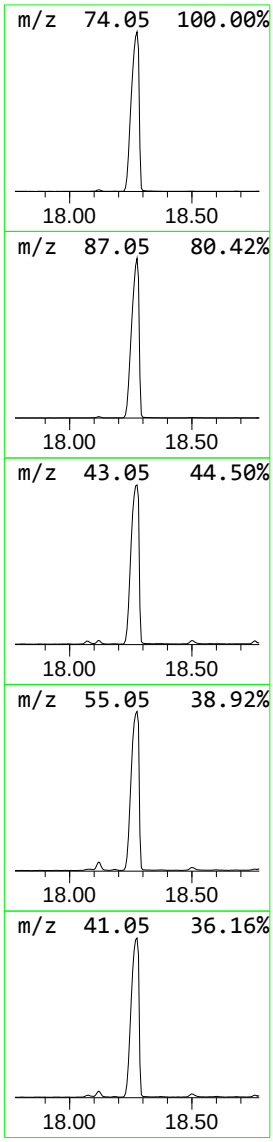
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.276	702.14 ng	22321100	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

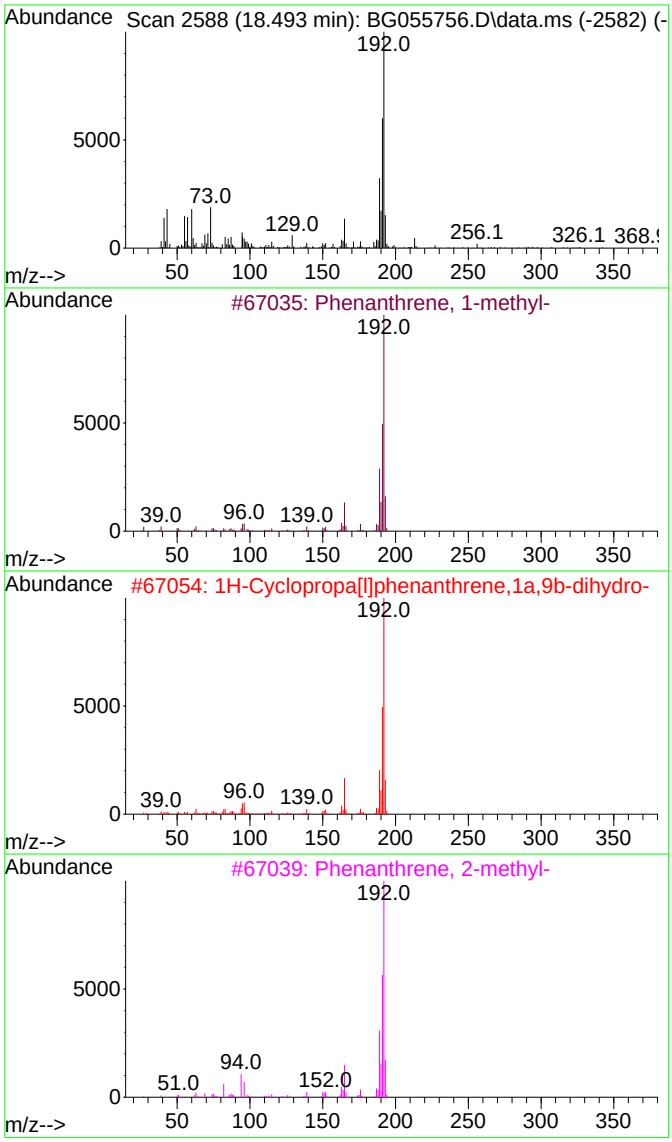
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

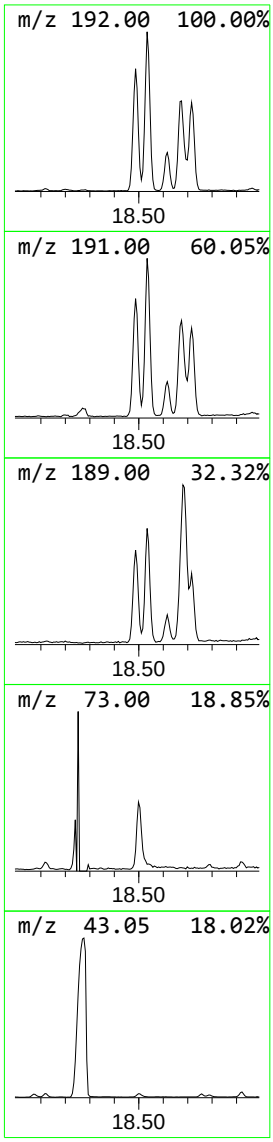
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.493	19.00 ng	603935	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

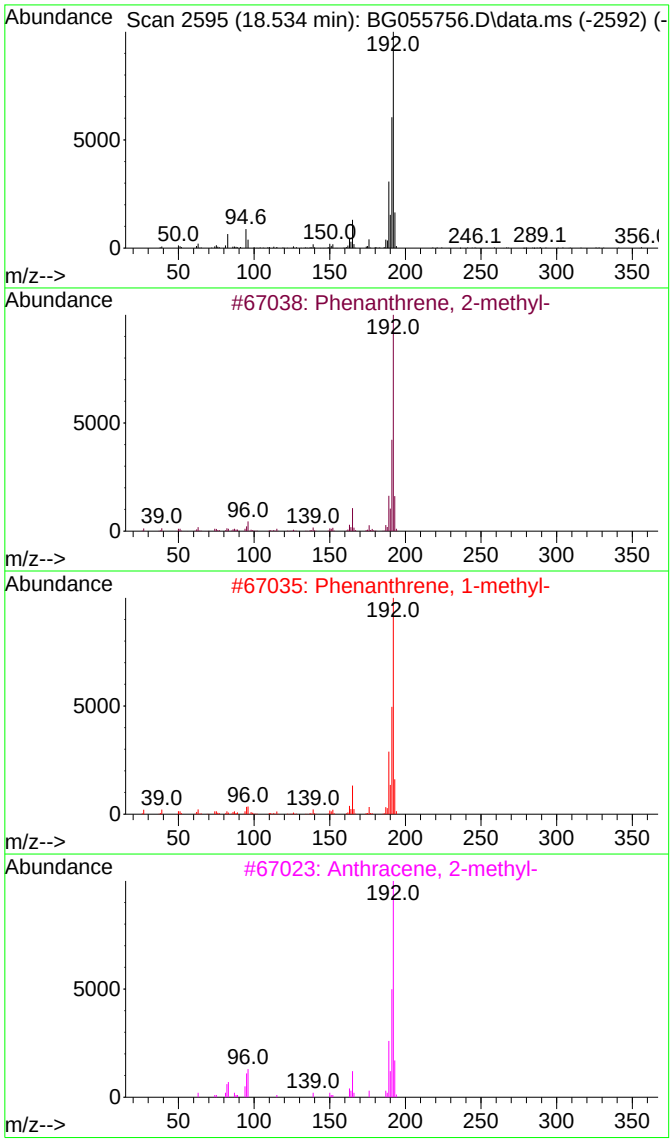
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

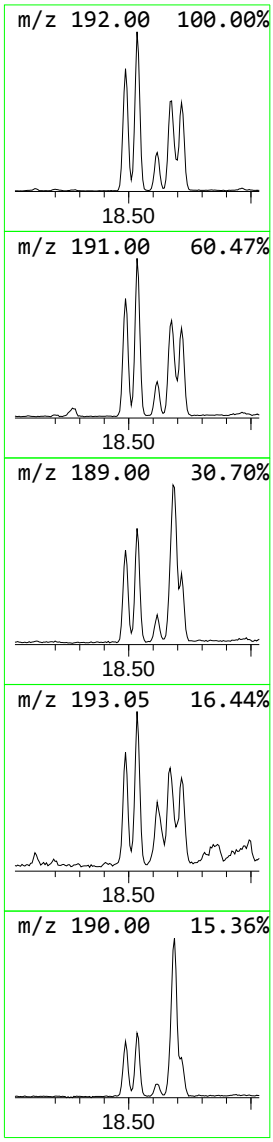
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	12.78 ng	406394	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

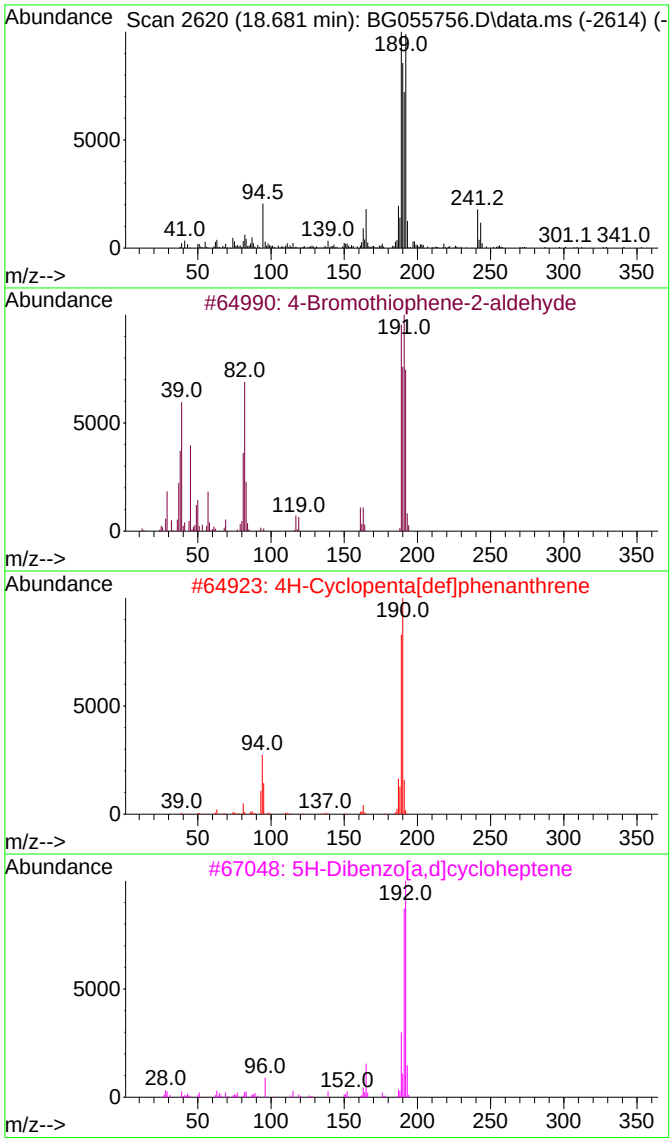
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

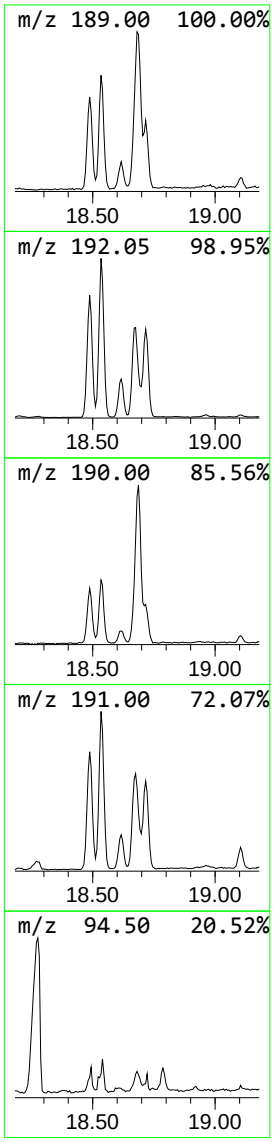
****

Peak Number 6 4-Bromothiophene-2-aldehyde Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	15.95 ng	506988	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

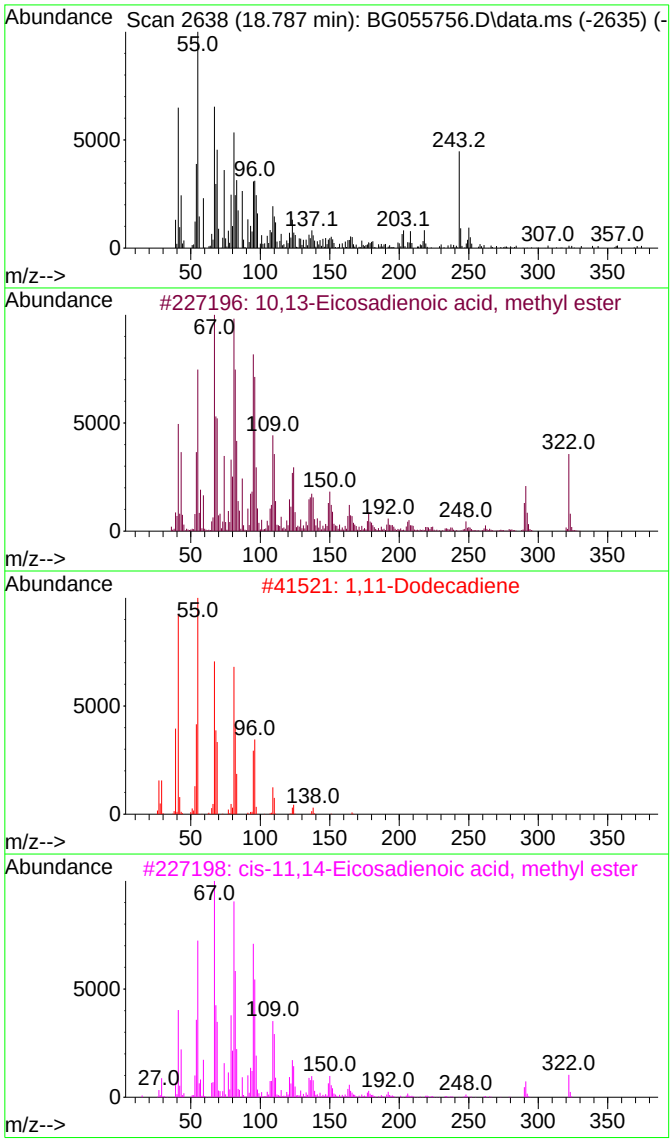
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

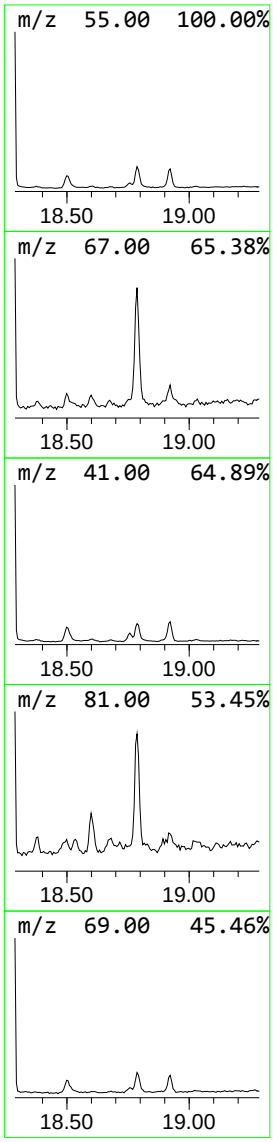
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 10,13-Eicosadienoic acid, m... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.787	11.71 ng	372158	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Eicosadienoic acid, methyl...	322	C21H38O2	030223-50-8	55
2	1,11-Dodecadiene	166	C12H22	005876-87-9	52
3	cis-11,14-Eicosadienoic acid, me...	322	C21H38O2	1010333-61-8	50
4	8,11-Eicosadienoic acid, methyl ...	322	C21H38O2	056599-56-5	45
5	1,12-Tridecadiene	180	C13H24	021964-48-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

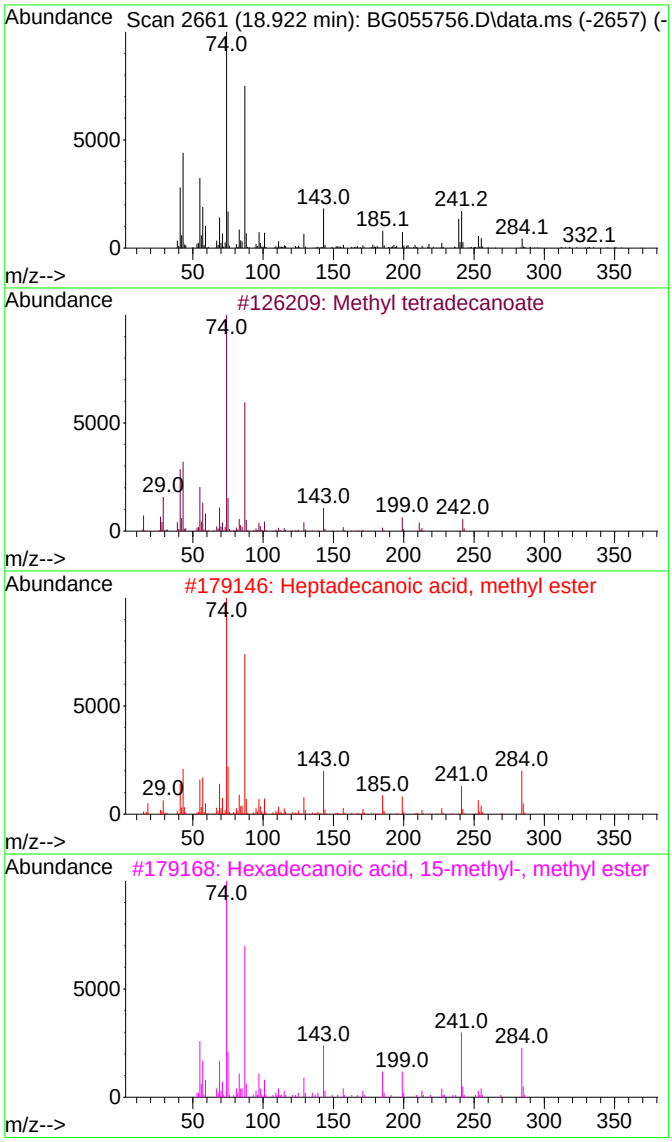
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

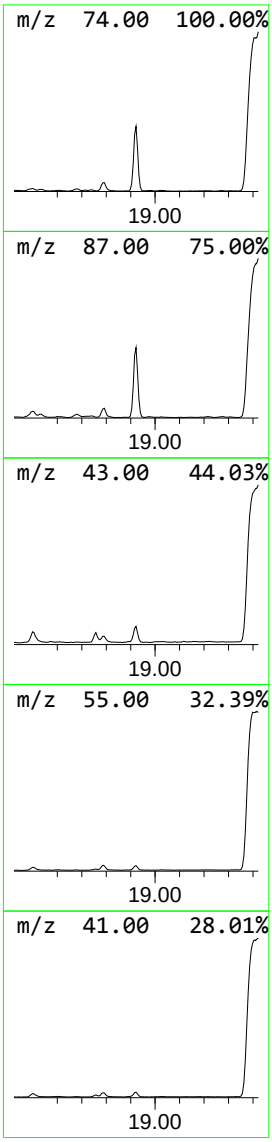
****

Peak Number 8 Methyl tetradecanoate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	11.66 ng	370731	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

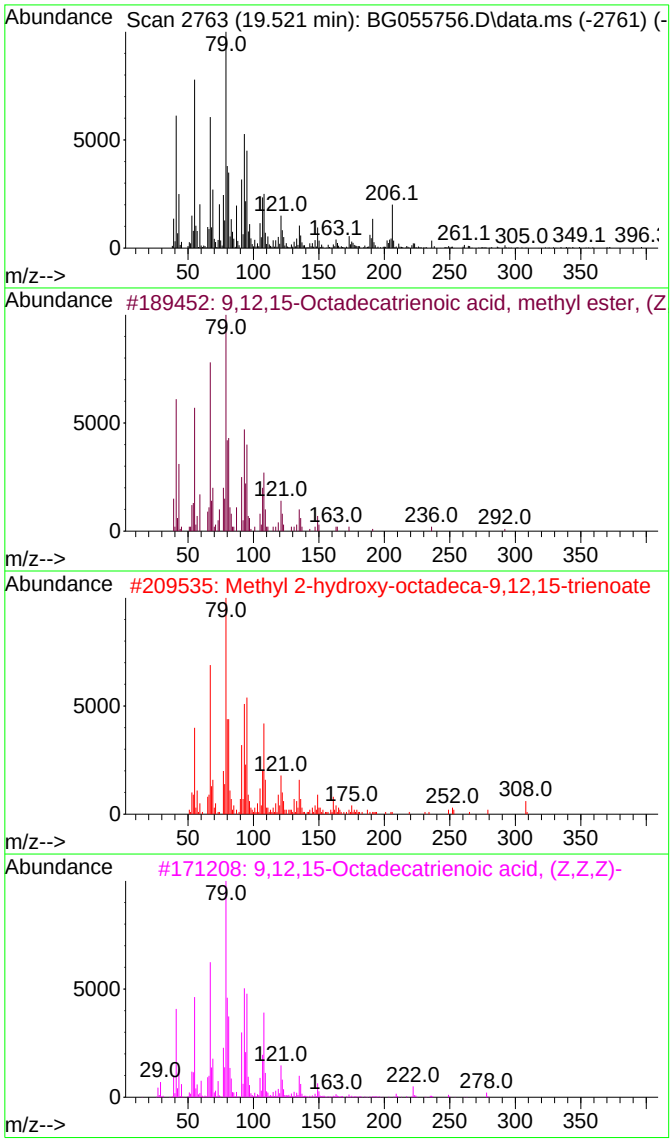
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

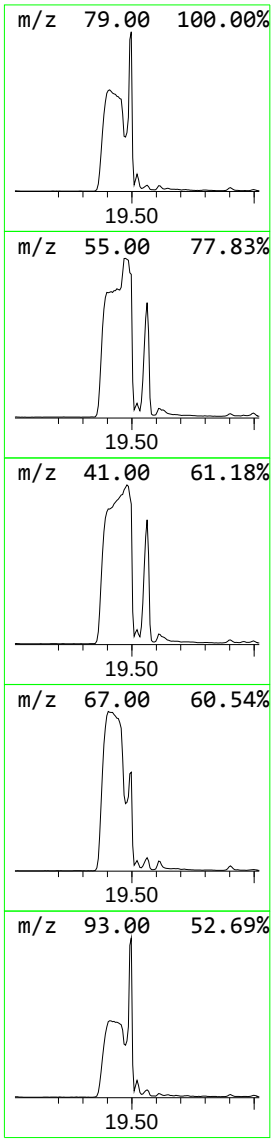
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,12,15-Octadecatrienoic ac... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	12.87 ng	409153	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	96
2	Methyl 2-hydroxy-octadeca-9,12,1...	308	C19H32O3	1000336-39-1	89
3	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2	000463-40-1	72
4	7,10,13-Hexadecatrienoic acid, (...	250	C16H26O2	007561-64-0	68
5	9-Octadecen-12-ynoic acid, methy...	292	C19H32O2	056847-05-3	68





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Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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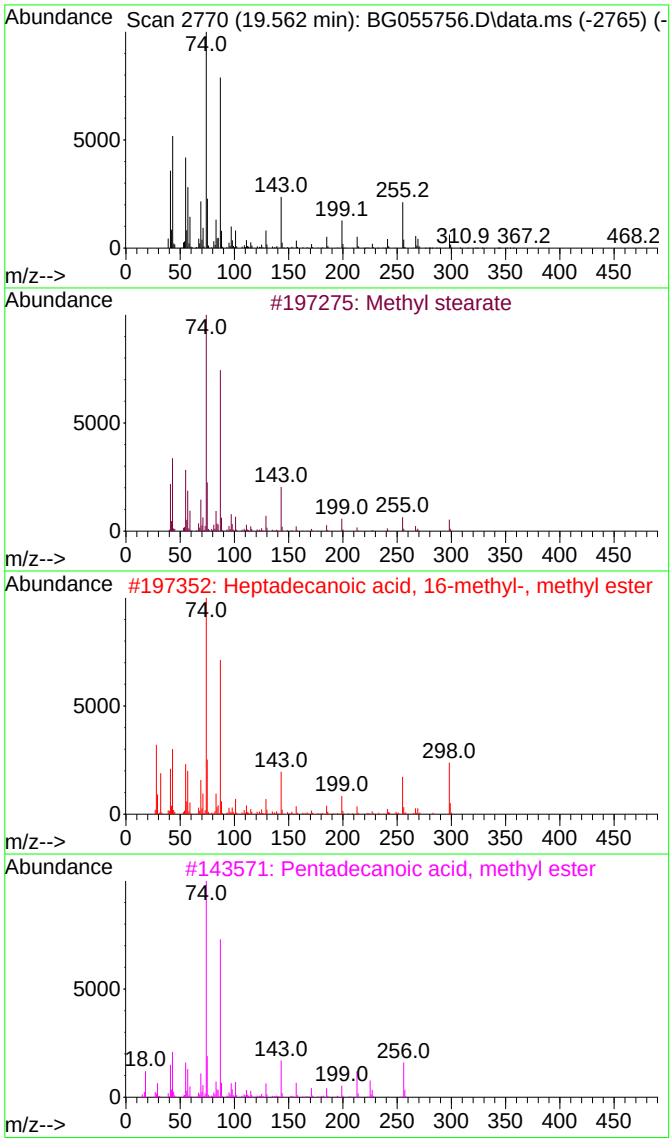
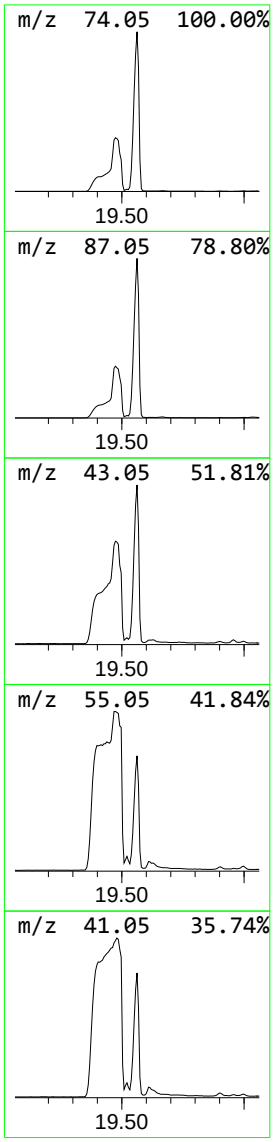
Peak Number 10 Methyl stearate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.562	370.33 ng	11772800	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	95
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
5	Methyl 13-methyltetradecanoate	256	C16H32O2	1000424-50-7	80





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Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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BNA_G
ClientSampleId :
TR-04-111822

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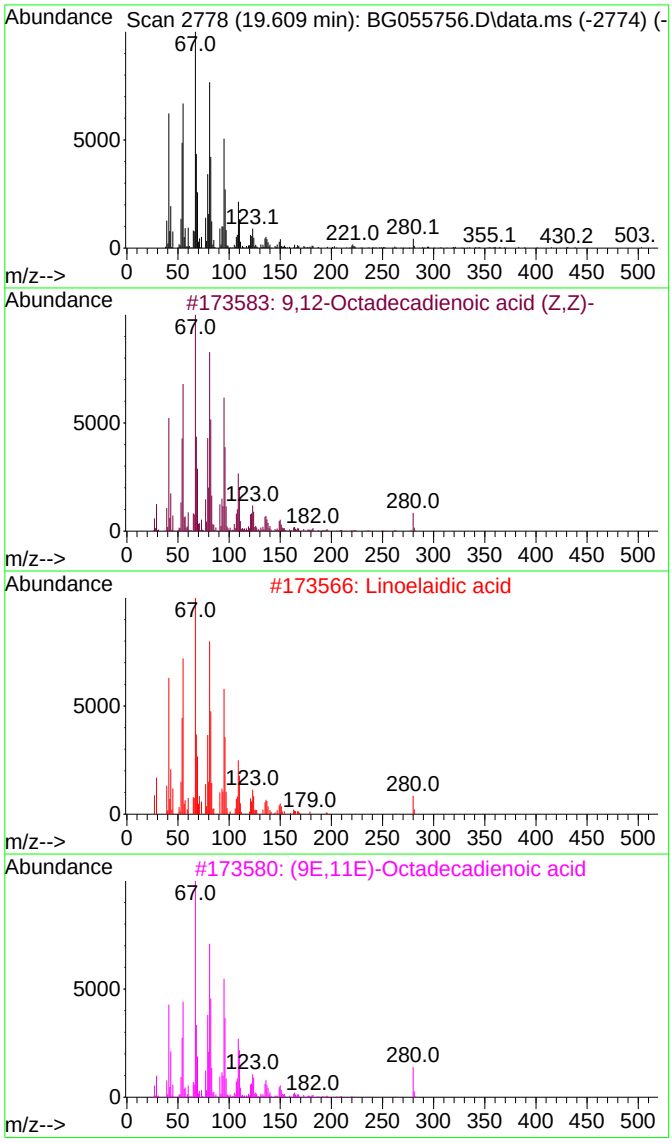
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

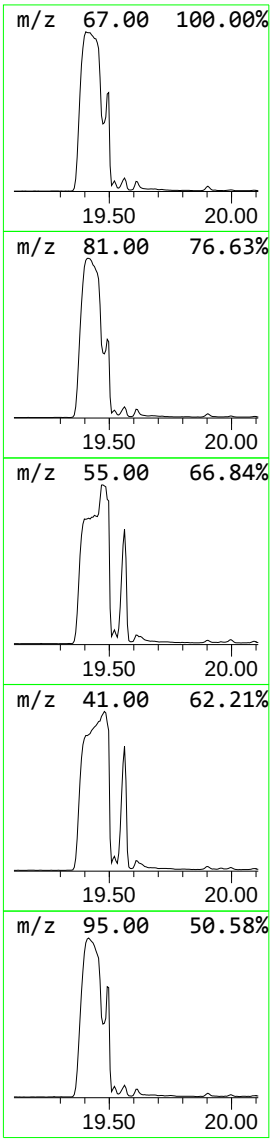
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,12-Octadecadienoic acid (... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.609	22.99 ng	730724	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoelaidic acid	280	C18H32O2	000506-21-8	99
3	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	97
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	97
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95





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Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

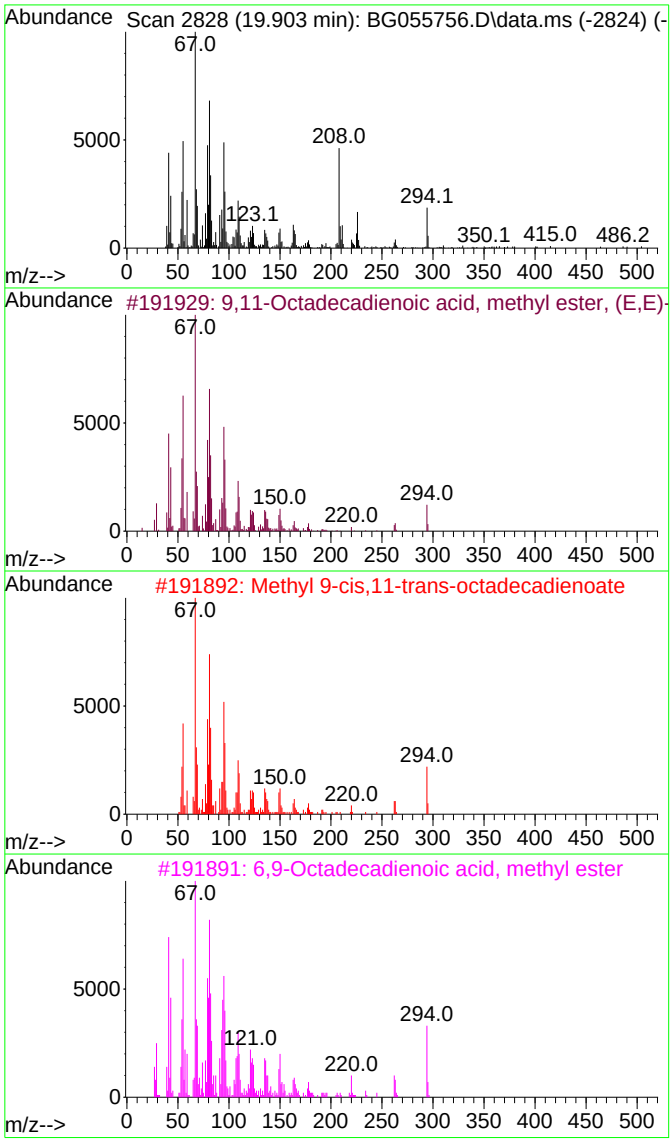
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

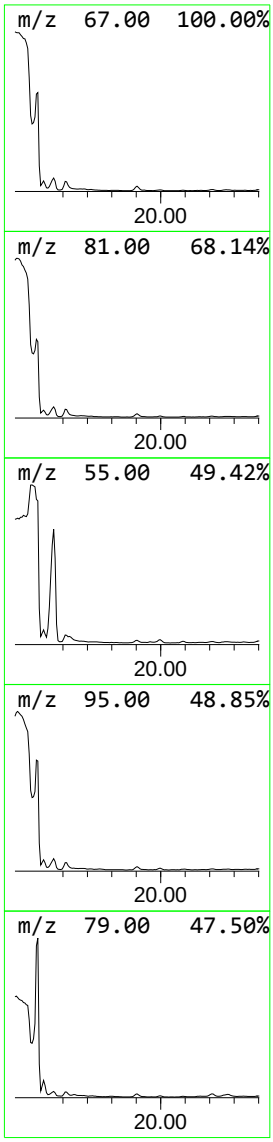
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,11-Octadecadienoic acid, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.903	9.80 ng	432465	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	90
3	6,9-Octadecadienoic acid, methyl...	294	C19H34O2	056599-55-4	89
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	78
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	70





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Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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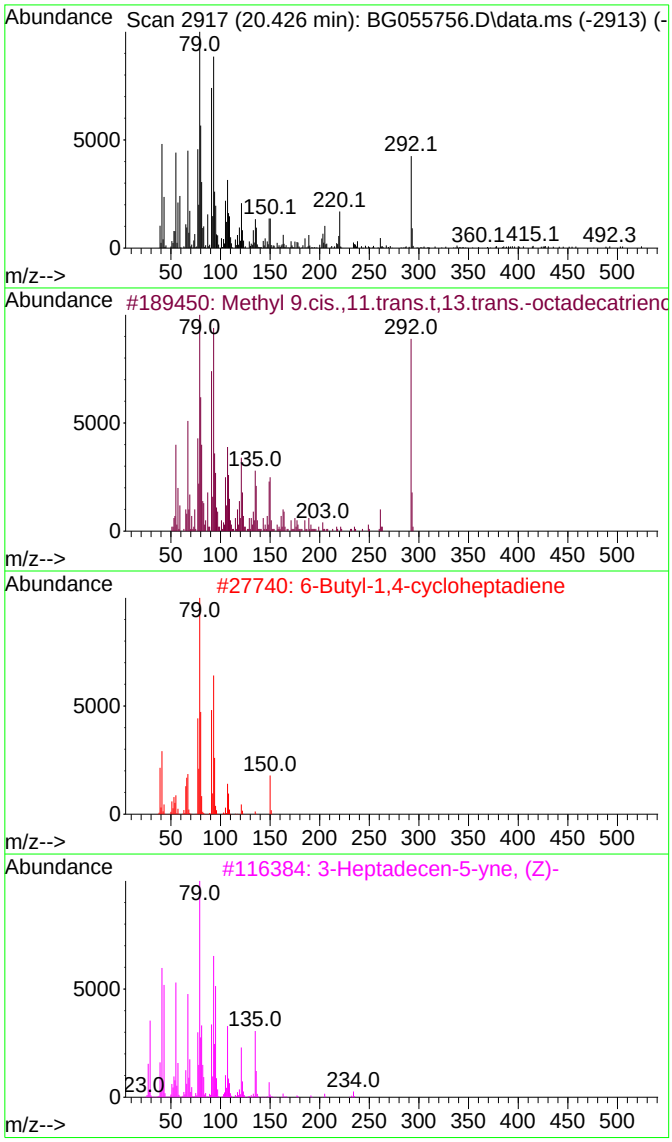
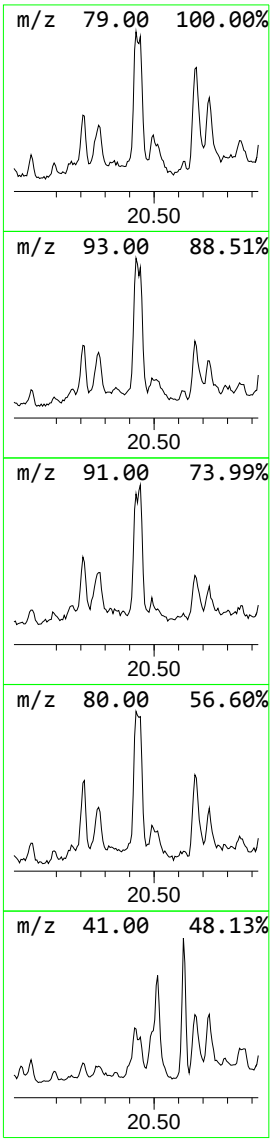
Peak Number 13 Methyl 9.cis.,11.trans.t,13... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.426	10.43 ng	460424	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	98
2	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	68
3	3-Heptadecen-5-yne, (Z)-	234	C17H30	074744-55-1	58
4	7-Pentadecen-5-yne, (Z)-	206	C15H26	074744-49-3	58
5	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	49





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Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-111822

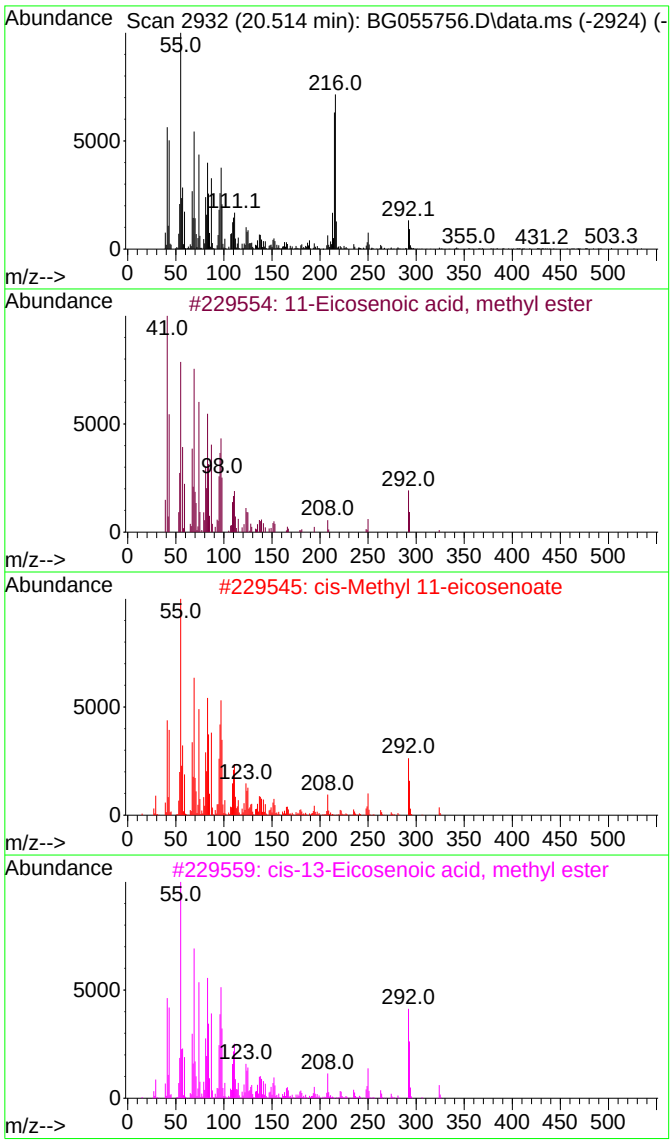
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

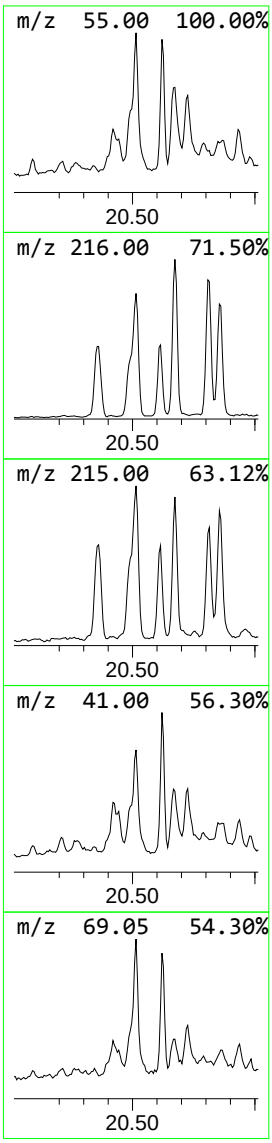
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11-Eicosenoic acid, methyl ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.514	39.14 ng	1727250	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
2	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	83
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	83
4	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	70
5	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	49





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Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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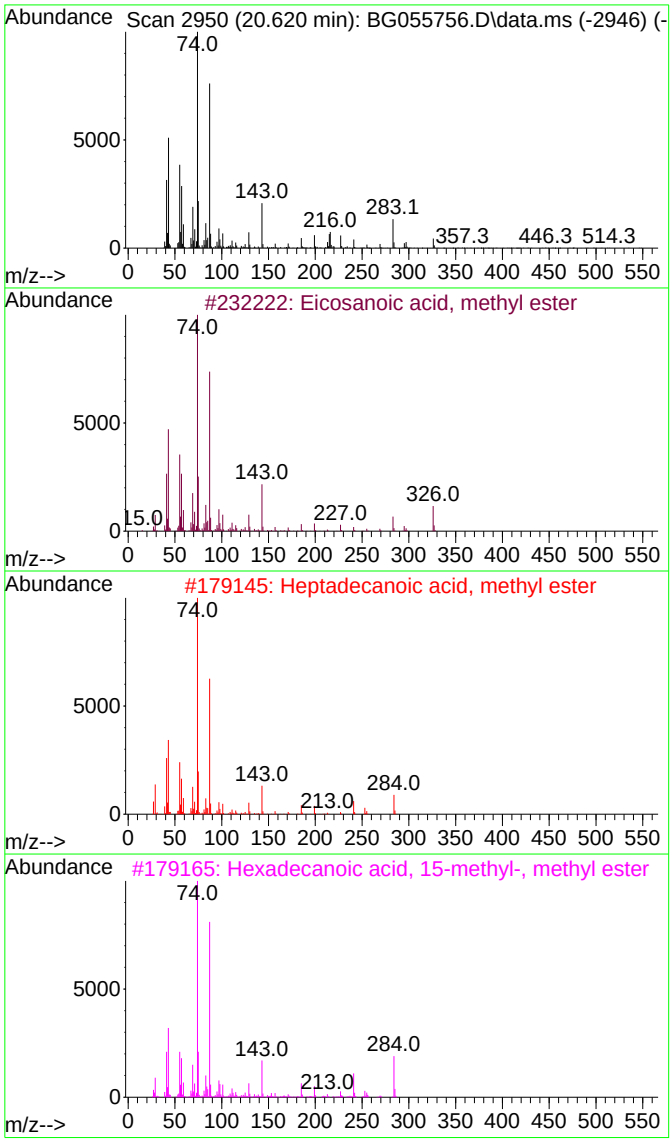
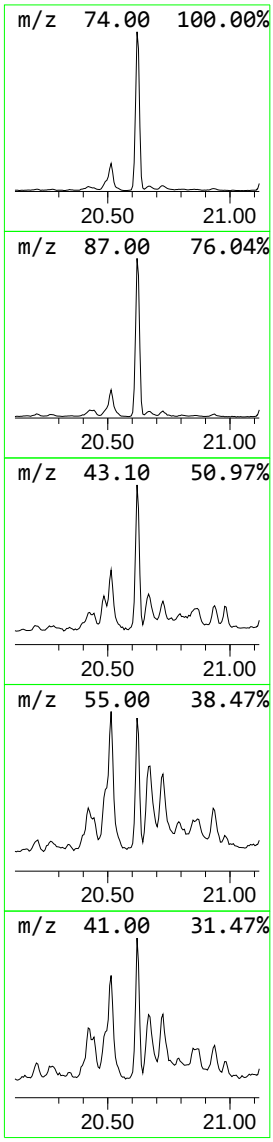
Peak Number 15 Eicosanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.620	26.44 ng	1166620	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5	Methyl stearate	298	C19H38O2	000112-61-8	87





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Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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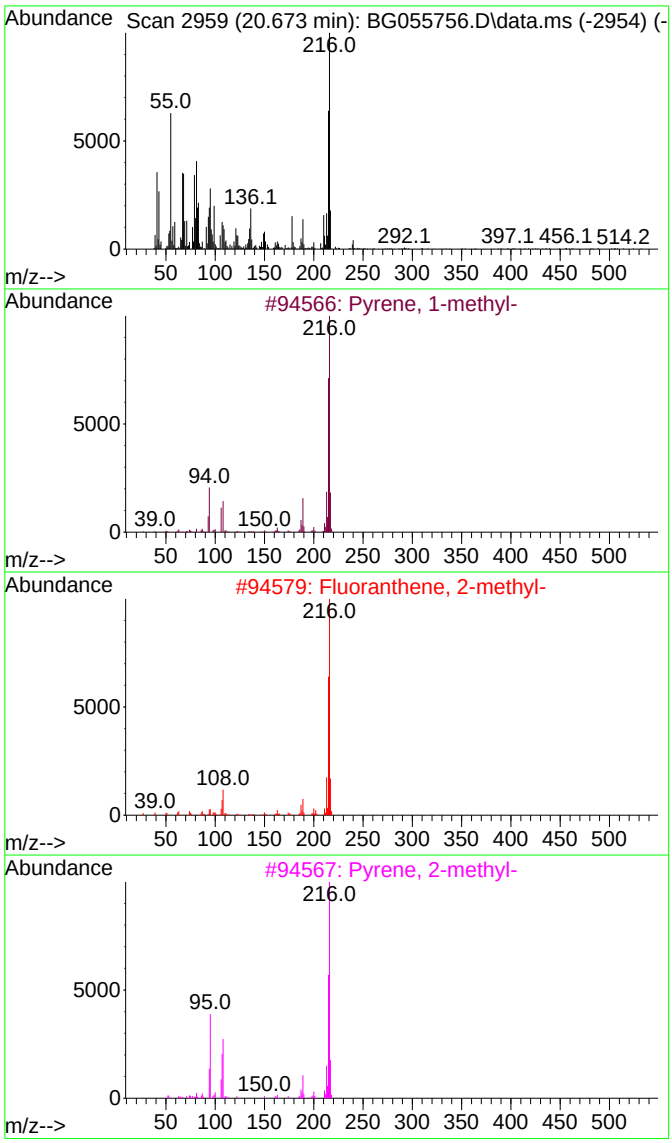
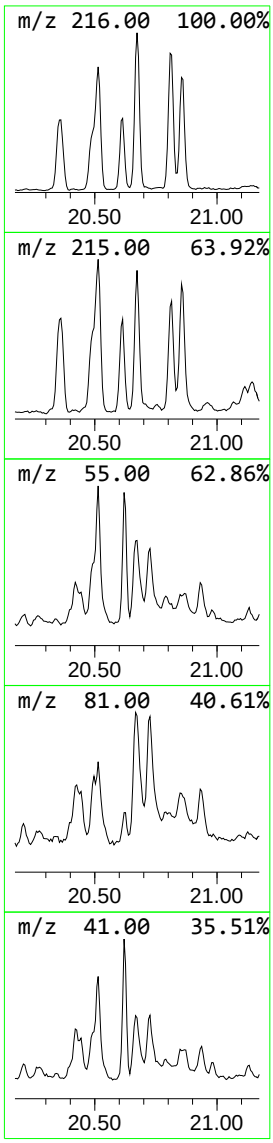
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.673	25.34 ng	1118290	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	Hydrazidiamantane	216	C14H20N2	1000138-39-6	55





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Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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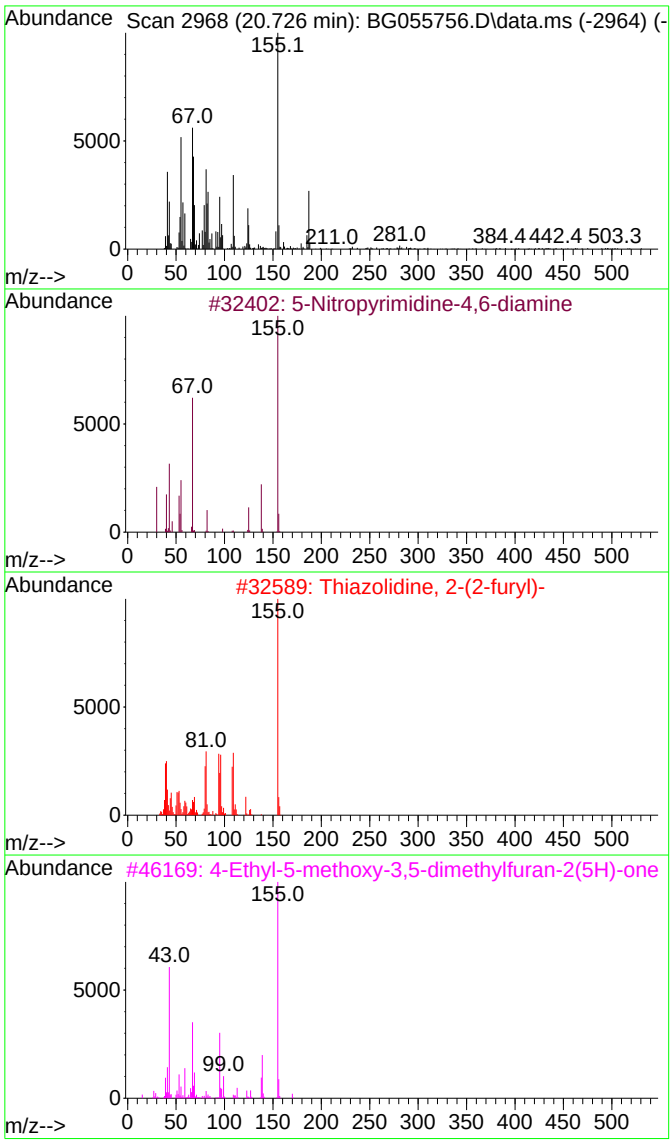
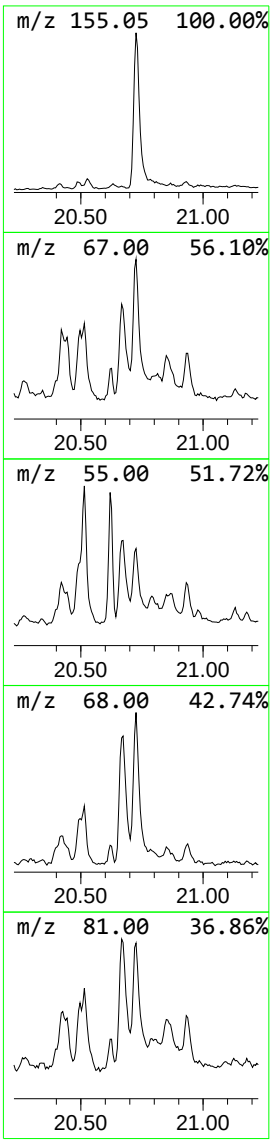
Peak Number 17 unknown20.726 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.726	17.83 ng	786960	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nitropyrimidine-4,6-diamine	155	C4H5N5O2	1000436-21-6	43
2	Thiazolidine, 2-(2-furyl)-	155	C7H9NOS	051859-60-0	43
3	4-Ethyl-5-methoxy-3,5-dimethylfu...	170	C9H14O3	1000495-96-7	38
4	Hexadecanoic acid, 9,10,16-trihy...	304	C16H32O5	000533-87-9	38
5	2-Amino-3-hydroxy-5-nitropyridine	155	C5H5N3O3	1000289-29-0	35





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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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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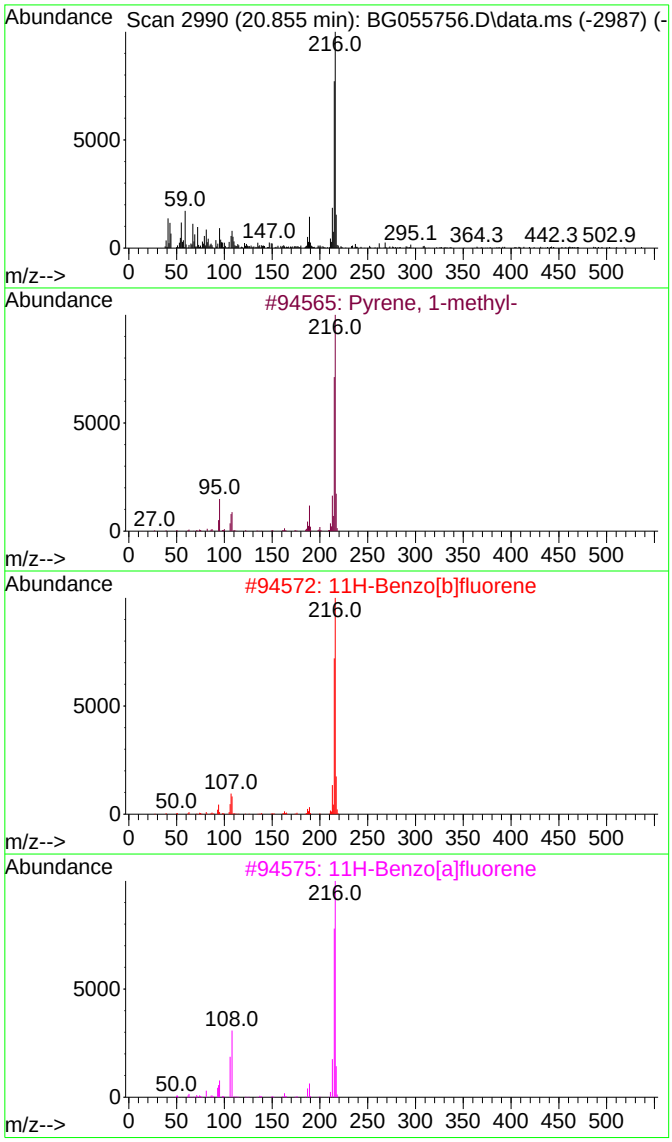
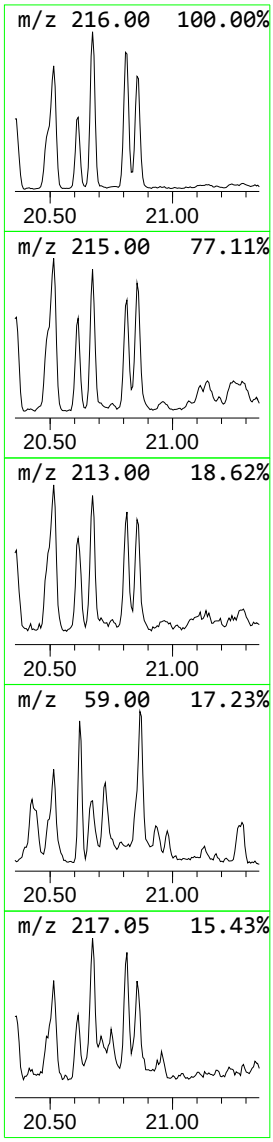
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.855	13.30 ng	586688	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Acq On : 23 Nov 2022 2:10
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Sample : N5735-01 5X
Misc :
ALS Vial : 17 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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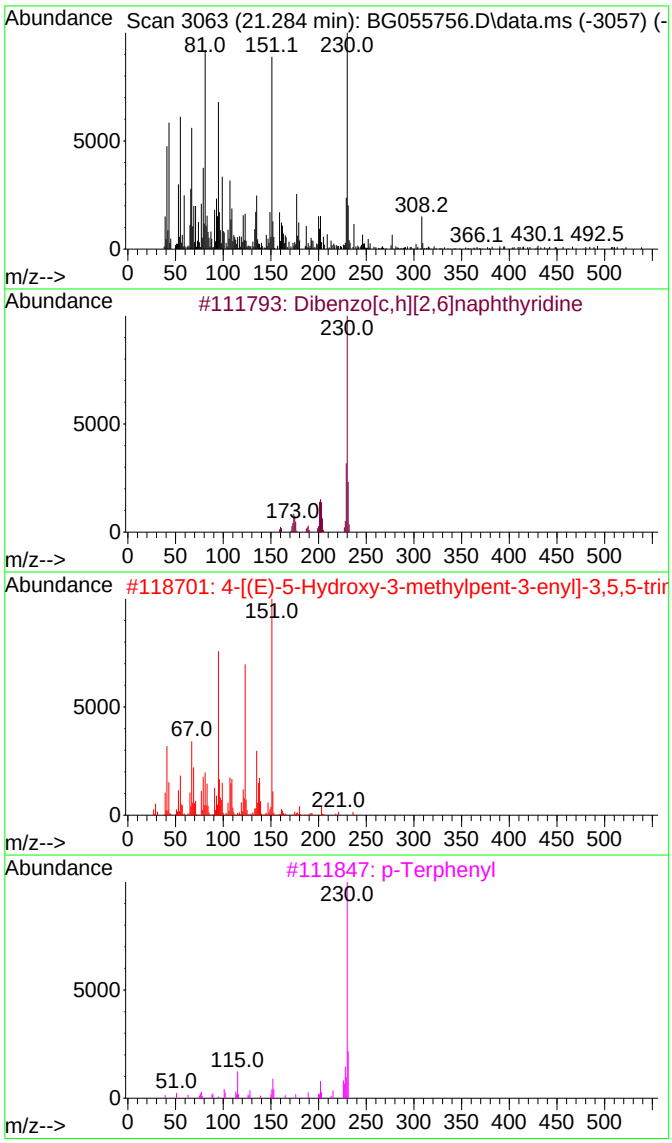
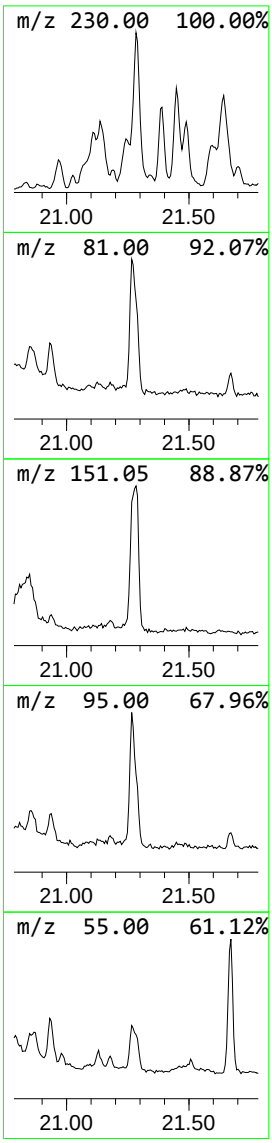
Peak Number 19 unknown21.284 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.284	19.10 ng	842889	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	49
2	4-[(E)-5-Hydroxy-3-methylpent-3-...	236	C15H24O2	1083195-46-3	44
3	p-Terphenyl	230	C18H14	000092-94-4	25
4	Benzo(b)phenazine	230	C16H10N2	000257-97-6	25
5	N-Isobutyl-(2E,4E,8Z,10Z)-dodeca...	247	C16H25NO	077448-63-6	25





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Acq On : 23 Nov 2022 2:10
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Sample : N5735-01 5X
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ClientSampleId :
TR-04-111822

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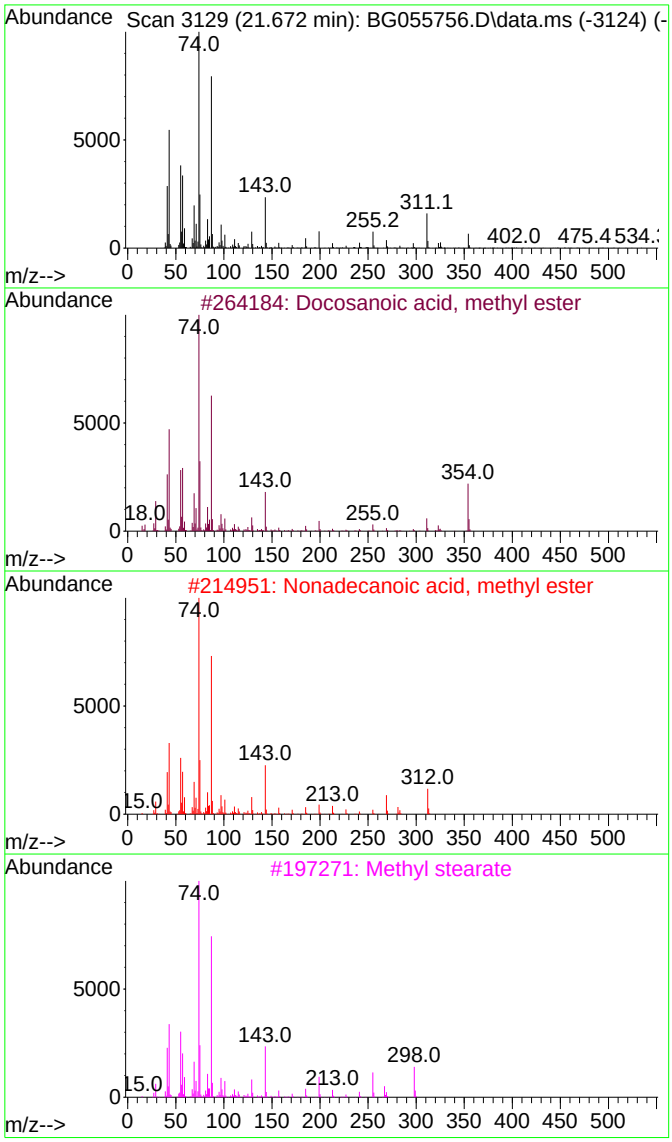
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

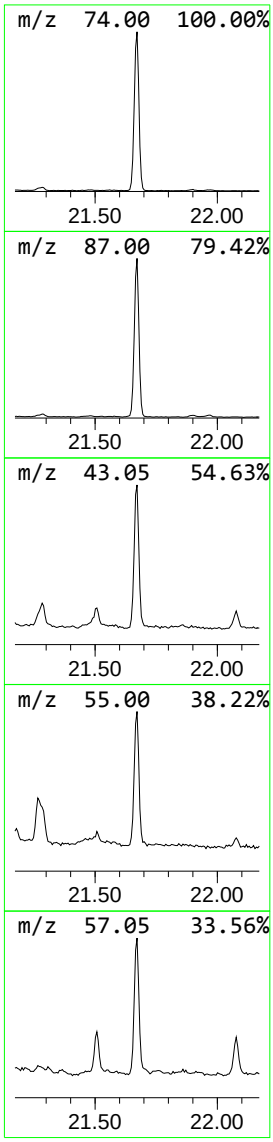
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.672	27.88 ng	1230380	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
3	Methyl stearate	298	C19H38O2	000112-61-8	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Octacosanoic acid, methyl ester	438	C29H58O2	055682-92-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055756.D
Acq On : 23 Nov 2022 2:10
Operator : CG/JU
Sample : N5735-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
Tridecanoic aci...	16.730	11.6	ng	369612	4	17.612	635802	20.0
9-Hexadecenoic ...	18.117	14.8	ng	468995	4	17.612	635802	20.0
Hexadecanoic ac...	18.276	702.1	ng	22321100	4	17.612	635802	20.0
Phenanthrene, 1...	18.493	19.0	ng	603935	4	17.612	635802	20.0
Phenanthrene, 2...	18.534	12.8	ng	406394	4	17.612	635802	20.0
4-Bromothiophen...	18.681	15.9	ng	506988	4	17.612	635802	20.0
10,13-Eicosadie...	18.787	11.7	ng	372158	4	17.612	635802	20.0
Methyl tetradec...	18.922	11.7	ng	370731	4	17.612	635802	20.0
9,12,15-Octadec...	19.521	12.9	ng	409153	4	17.612	635802	20.0
Methyl stearate	19.562	370.3	ng	11772800	4	17.612	635802	20.0
9,12-Octadecadi...	19.609	23.0	ng	730724	4	17.612	635802	20.0
9,11-Octadecadi...	19.903	9.8	ng	432465	5	21.918	882524	20.0
Methyl 9.cis.,1...	20.426	10.4	ng	460424	5	21.918	882524	20.0
11-Eicosenoic a...	20.514	39.1	ng	1727250	5	21.918	882524	20.0
Eicosanoic acid...	20.620	26.4	ng	1166620	5	21.918	882524	20.0
Pyrene, 1-methyl-	20.673	25.3	ng	1118290	5	21.918	882524	20.0
unknown20.726	20.726	17.8	ng	786960	5	21.918	882524	20.0
11H-Benzo[b]flu...	20.855	13.3	ng	586688	5	21.918	882524	20.0
unknown21.284	21.284	19.1	ng	842889	5	21.918	882524	20.0
Docosanoic acid...	21.672	27.9	ng	1230380	5	21.918	882524	20.0