LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

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: BG055316.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.802	421	428	439	rBV	234341	407561	6.20%	1.651%
2	7.418	696	703	714	rBV	253552	449917	6.85%	1.822%
3	8.276	842	849	857	rVB	185348	306070	4.66%	1.240%
4	9.451	1040	1049	1059	rBV	154410	285446	4.35%	1.156%
5	11.108	1324	1331	1337	rBV	246114	454194	6.91%	1.839%
6	13.517	1734	1741	1750	rVB	384707	610720	9.30%	2.473%
7	14.069	1827	1835	1840	rBV4	30076	68361	1.04%	0.277%
8	14.210	1853	1859	1864	rBV	41213	68278	1.04%	0.277%
9	14.616	1922	1928	1937	rBV2	39128	81921	1.25%	0.332%
10	14.892	1963	1975	1981	rBV	356459	597313	9.09%	2.419%
11	14.950	1981	1985	1991	rVB	40900	66018	1.01%	0.267%
12	15.280	2033	2041	2048	rVB2	43177	86218	1.31%	0.349%
13	15.691	2100	2111	2116	rVB3	40070	89903	1.37%	0.364%
14	15.926	2146	2151	2161	rVB	71031	129576	1.97%	0.525%
15	16.366	2220	2226	2232	rBV	265799	410796	6.25%	1.664%
16	17.624	2434	2440	2443	rBV	388695	580800	8.84%	2.352%
17	17.665	2443	2447	2453	rVB	518290	755013	11.49%	3.058%
18	17.753	2458	2462	2467	rVV	93167	136682	2.08%	0.554%
19	18.247	2542	2546	2552	rVB	1227281	1532099	23.32%	6.205%
20	18.482	2581	2586	2592	rBV2	141879	329215	5.01%	1.333%
21	18.540	2592	2596	2601	rVB	135116	195943	2.98%	0.794%
22	18.687	2616	2621	2624	rBV2	133285	244602	3.72%	0.991%
23	19.381	2733	2739	2741	rBV	4870024	6568684	100.00%	26.602%
24	19.410	2741	2744	2754	rVB2	3445761	4875458	74.22%	19.745%
25	19.533	2760	2765	2770	rBV	847028	1070469	16.30%	4.335%
26	19.592	2772	2775	2781	rVV3	120779	263456	4.01%	1.067%
27	19.657	2782	2786	2792	rVB	787788	1171980	17.84%	4.746%
28	20.021	2843	2848	2854	rVB	814280	1175066	17.89%	4.759%
29	20.197	2874	2878	2882	rVB	585143	722836	11.00%	2.927%
30	21.895	3162	3167	3174	rBV2	380282	957491	14.58%	3.878%

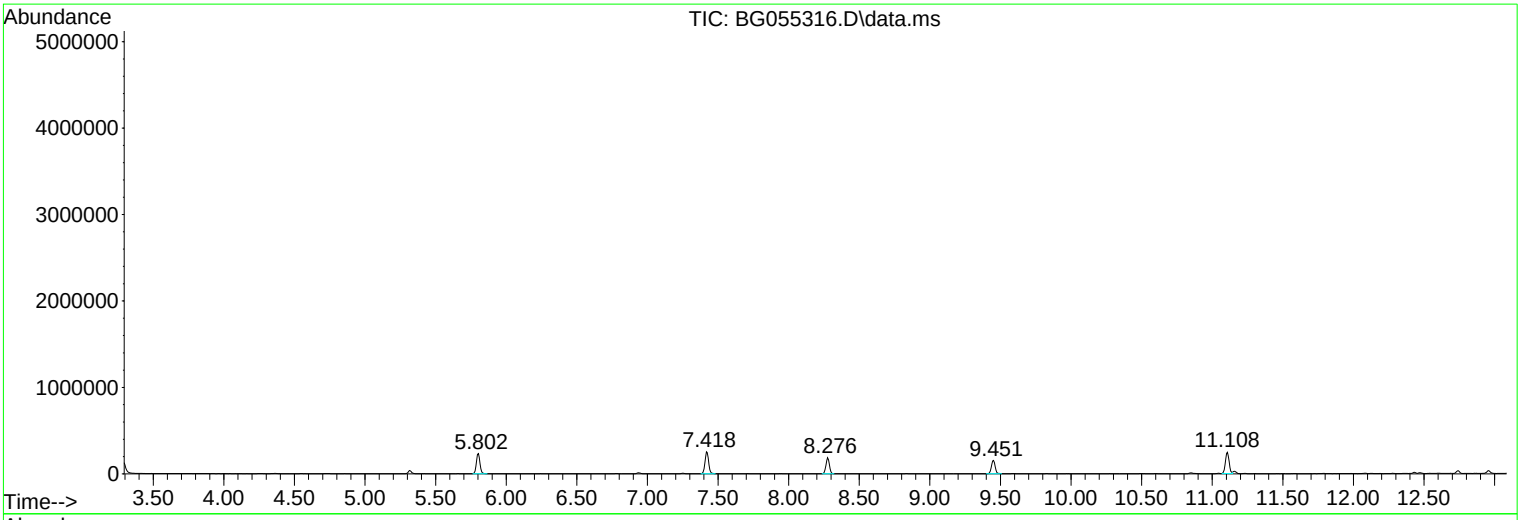
Sum of corrected areas: 24692086

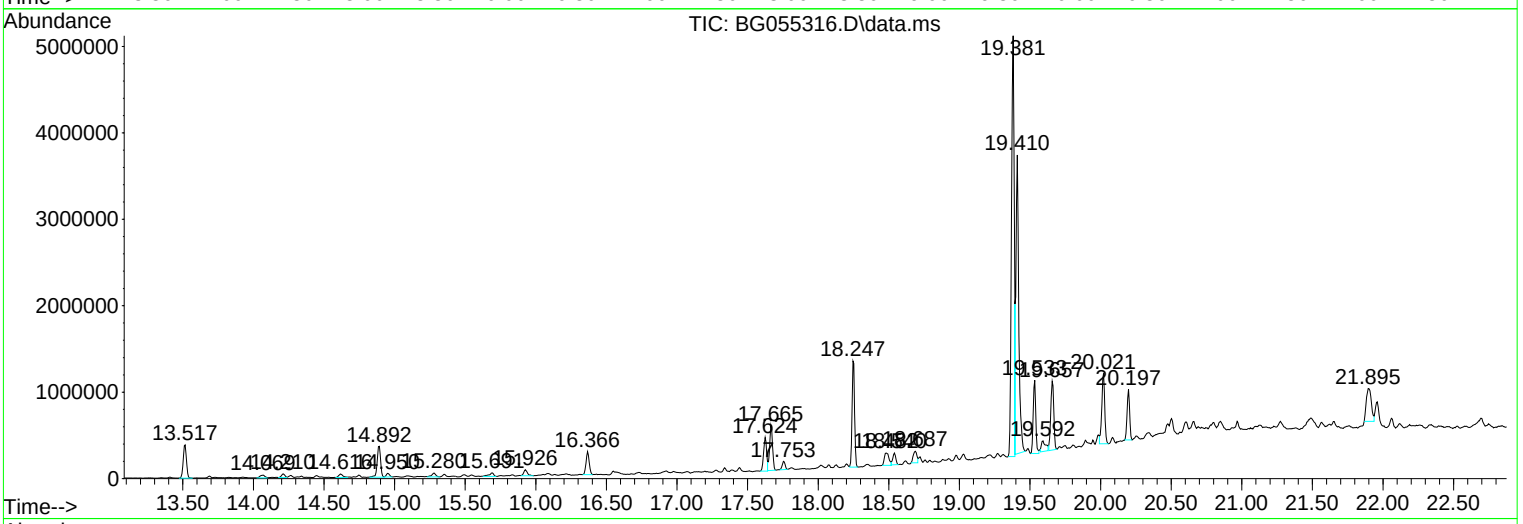
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

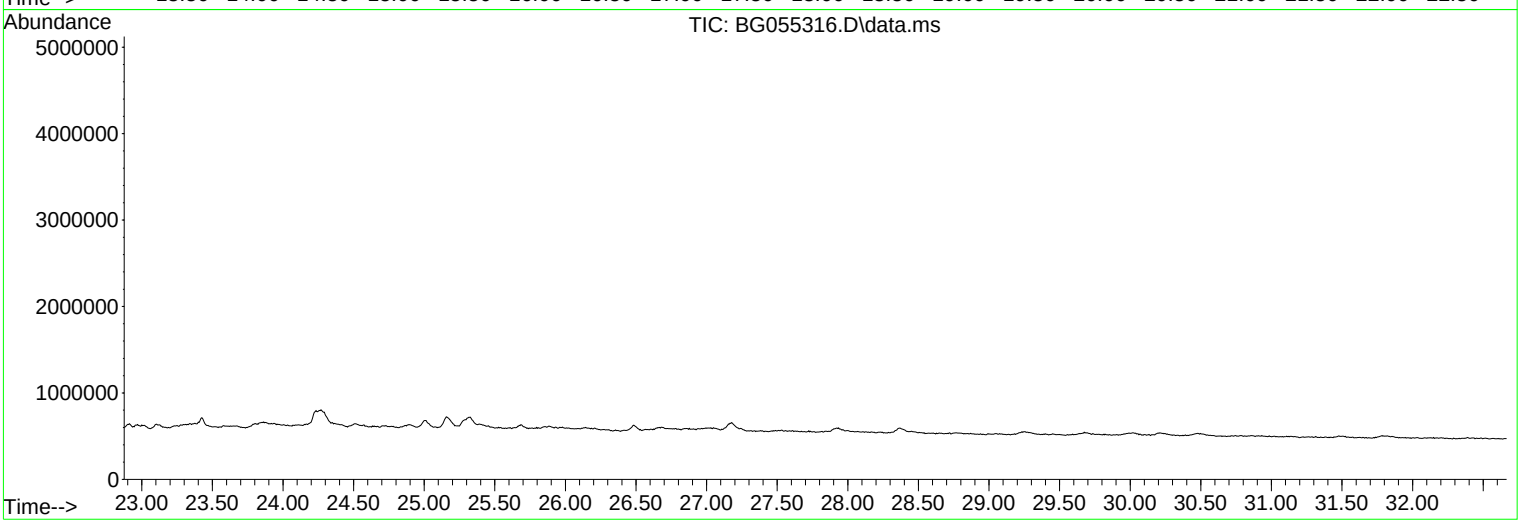
Instrument :
BNA_G
ClientSampleId :
RBR-251375

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







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Data File : BG055316.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

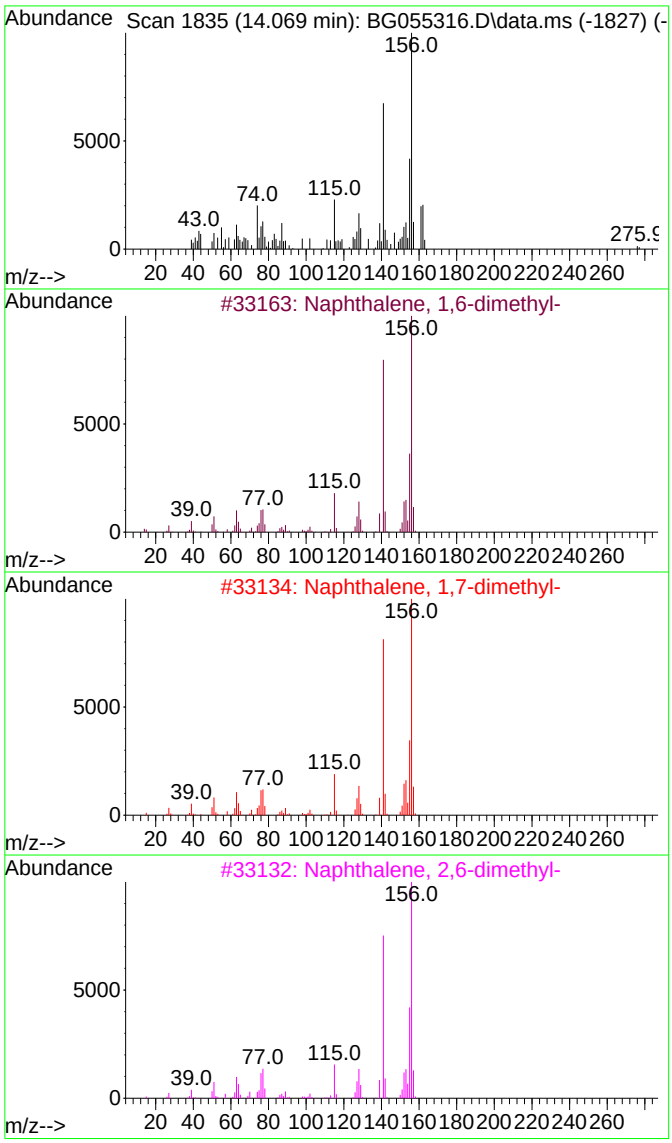
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

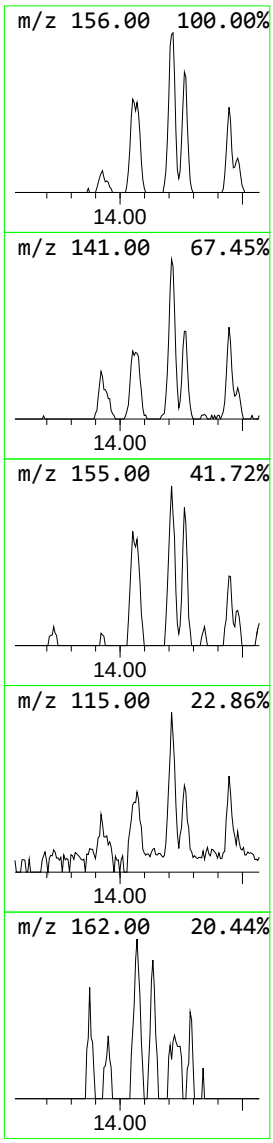
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.069	2.29 ng	68361	Acenaphthene-d10	14.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

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

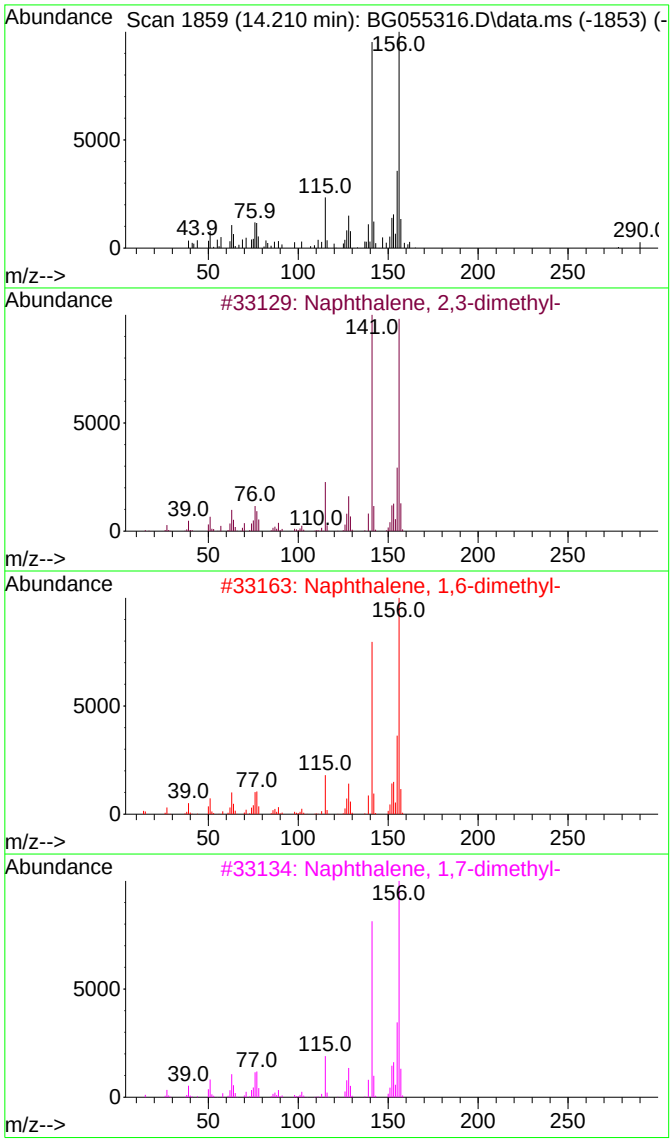
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

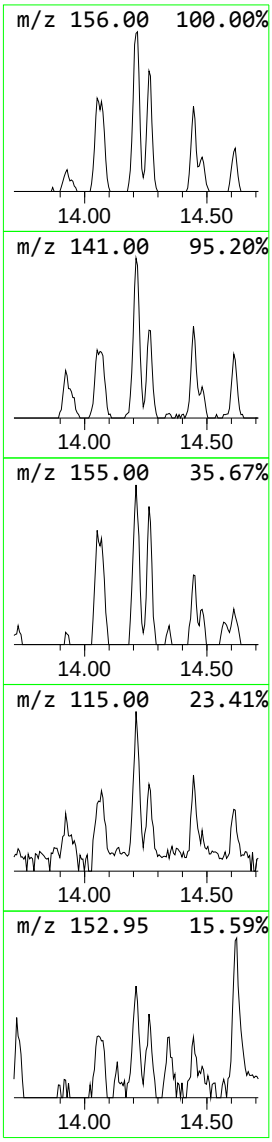
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	2.29 ng	68278	Acenaphthene-d10	14.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

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

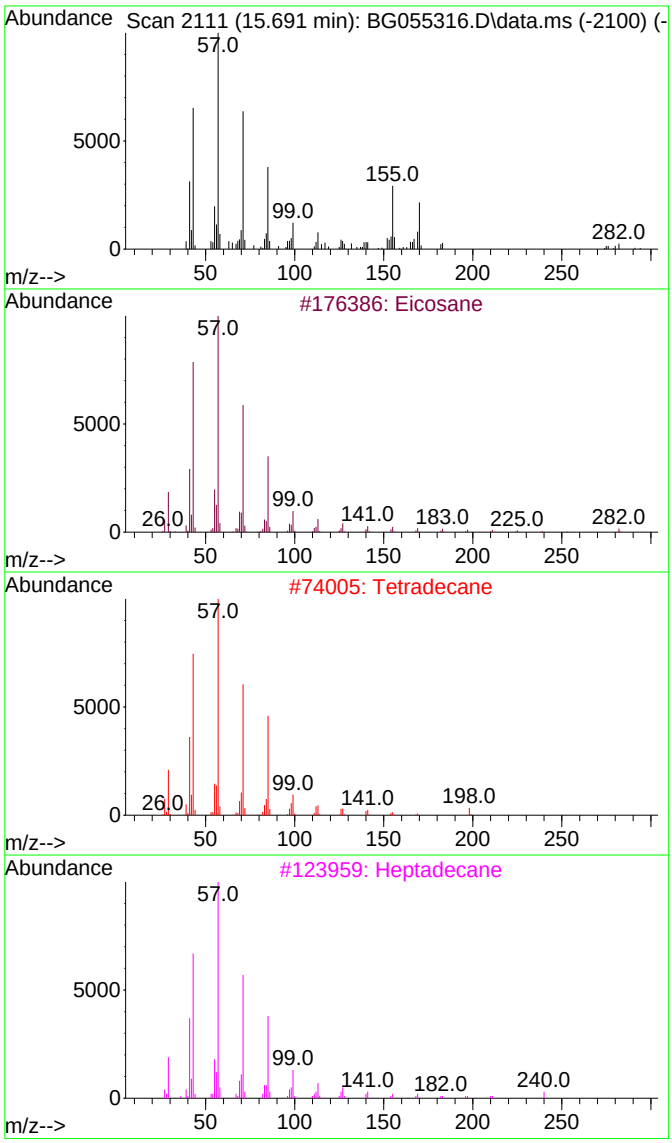
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

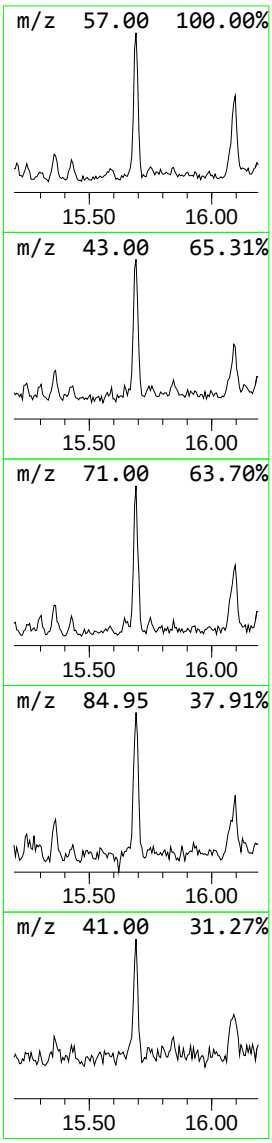
****

Peak Number 5 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.691	3.01 ng	89903	Acenaphthene-d10	14.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Tetradecane	198	C14H30	000629-59-4	58
3	Heptadecane	240	C17H36	000629-78-7	58
4	Nonadecane	268	C19H40	000629-92-5	58
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

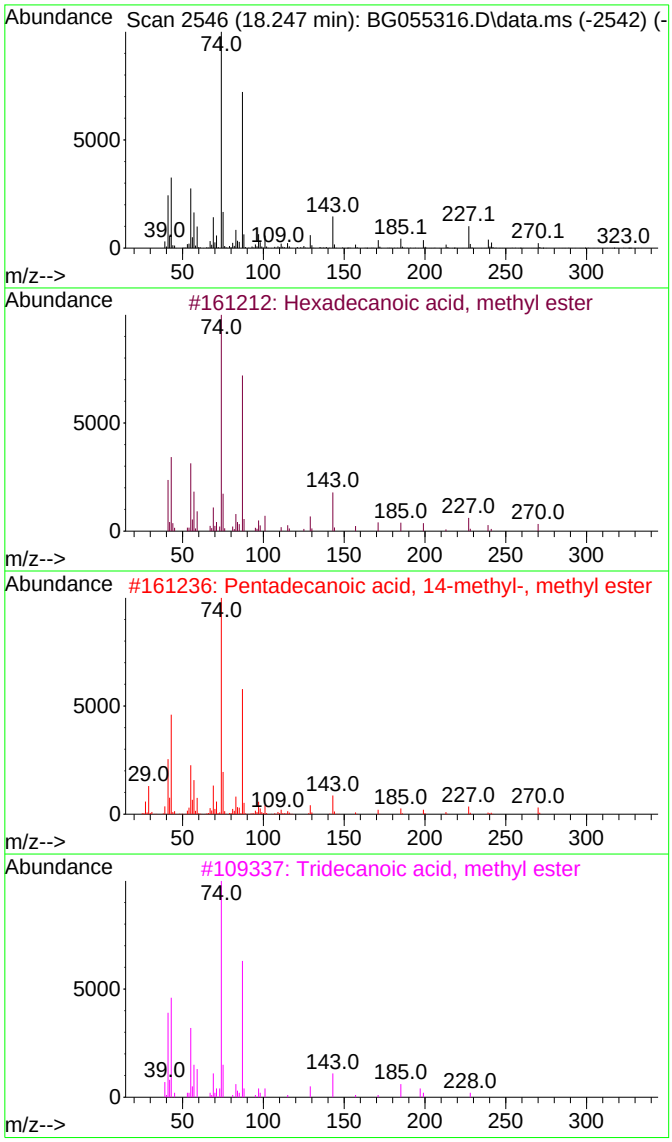
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

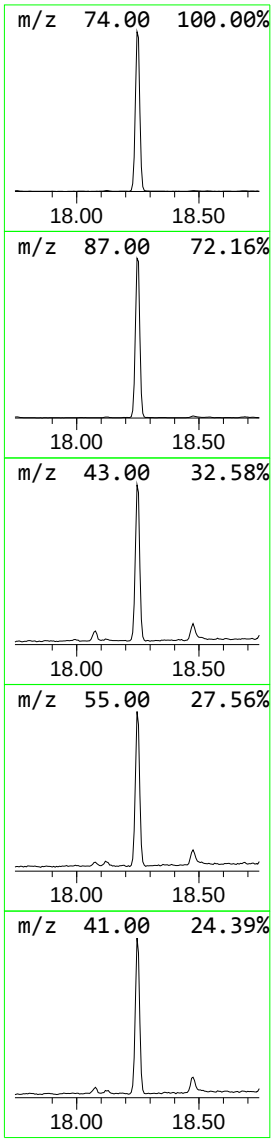
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.247	52.76 ng	1532100	Phenanthrene-d10	17.624

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	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
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 : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

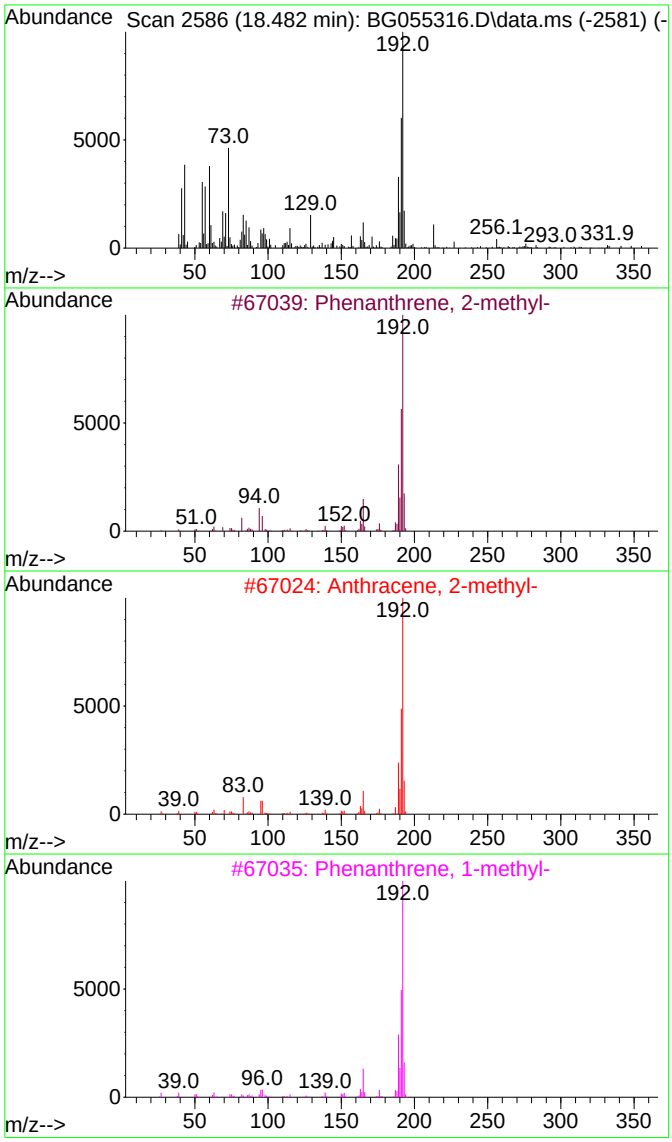
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

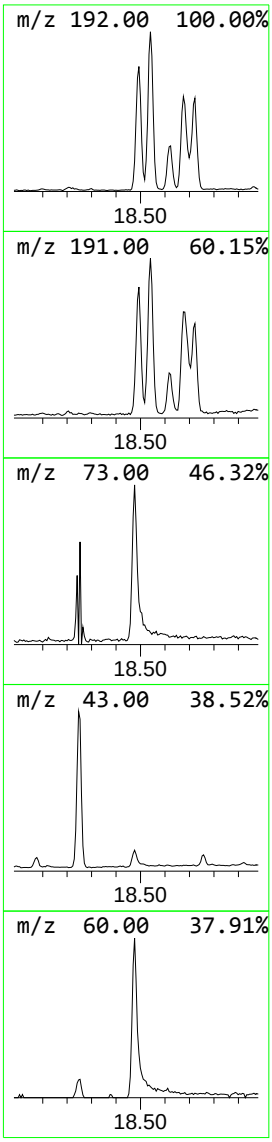
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.482	11.34 ng	329215	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

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
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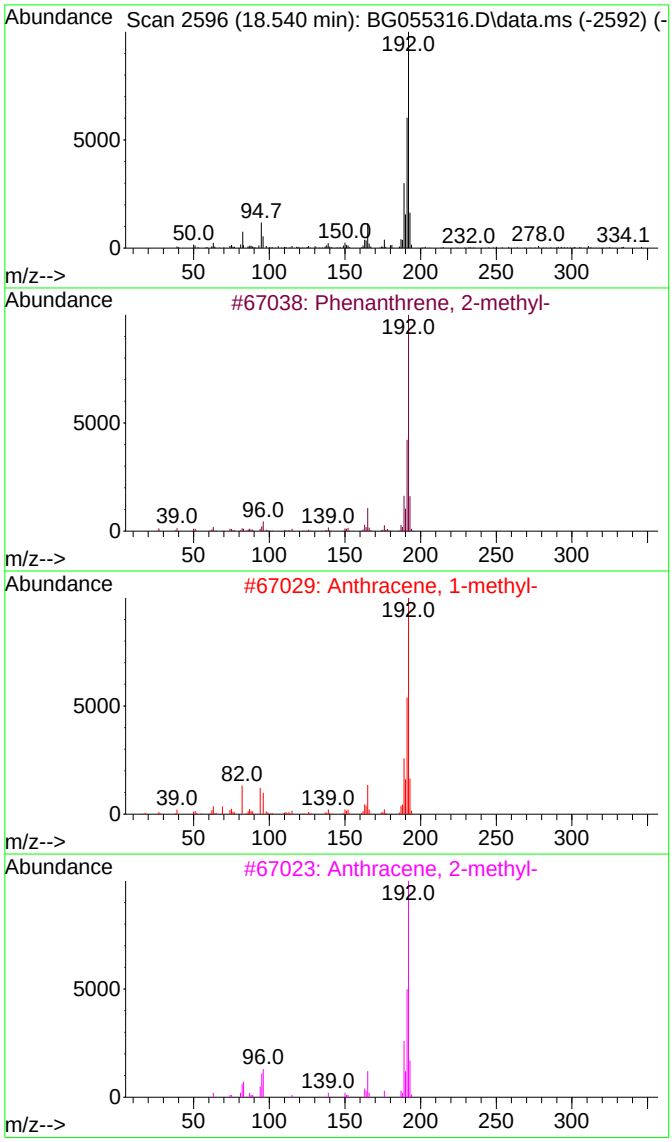
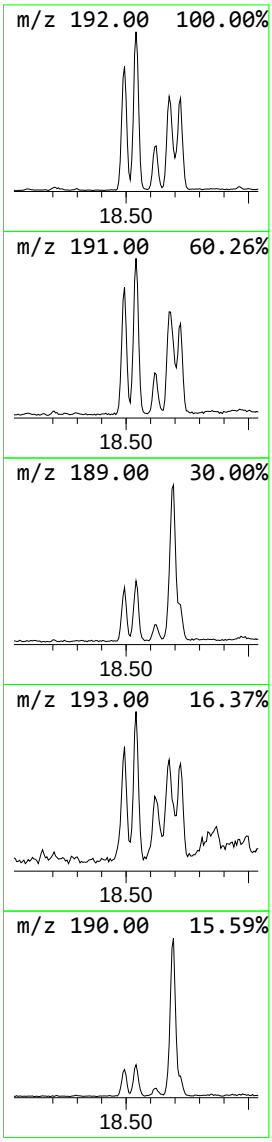
****

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	6.75 ng	195943	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

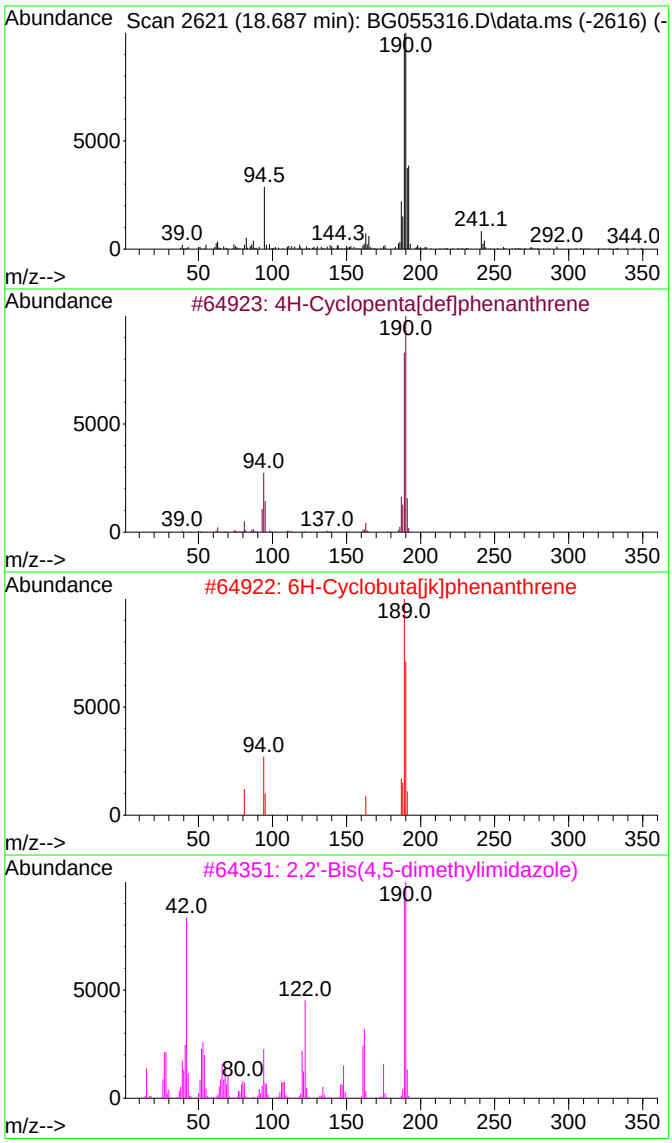
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

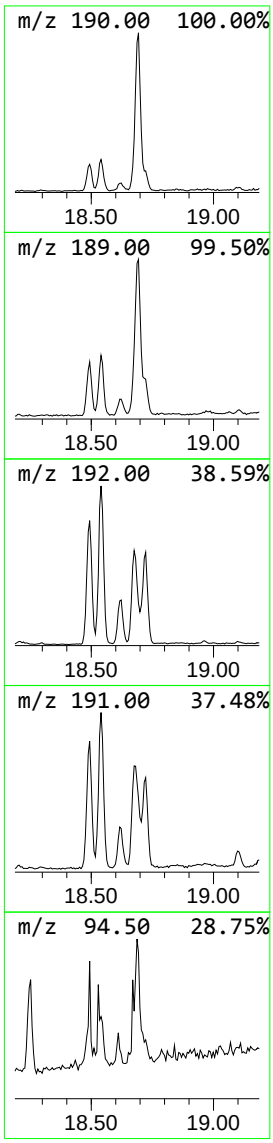
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	8.42 ng	244602	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1-Aminocyclopentanecarboxylic ac...	375	C19H34ClNO4	1000329-17-1	35
5	1-Aminocyclopentanecarboxylic ac...	389	C20H36ClNO4	1000329-17-2	25





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Data File : BG055316.D
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Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

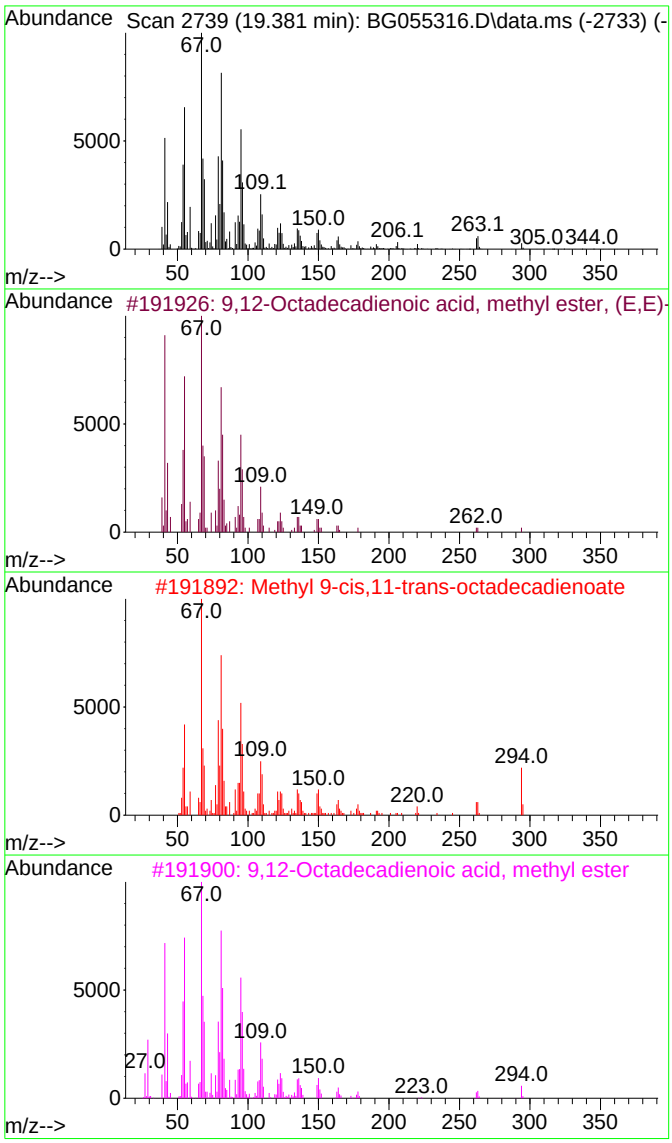
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

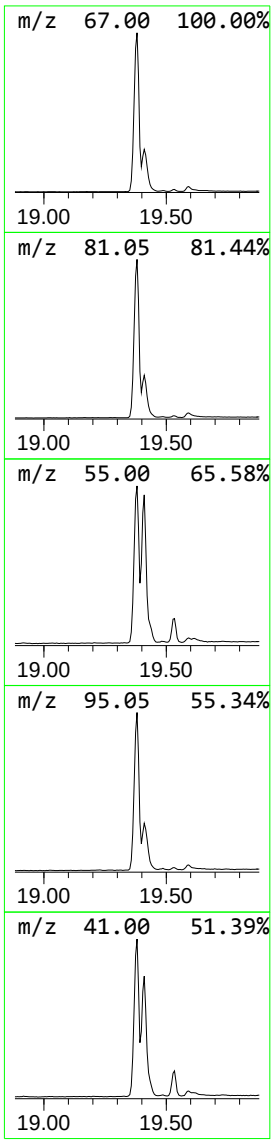
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.381	226.19 ng	6568680	Phenanthrene-d10	17.624

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

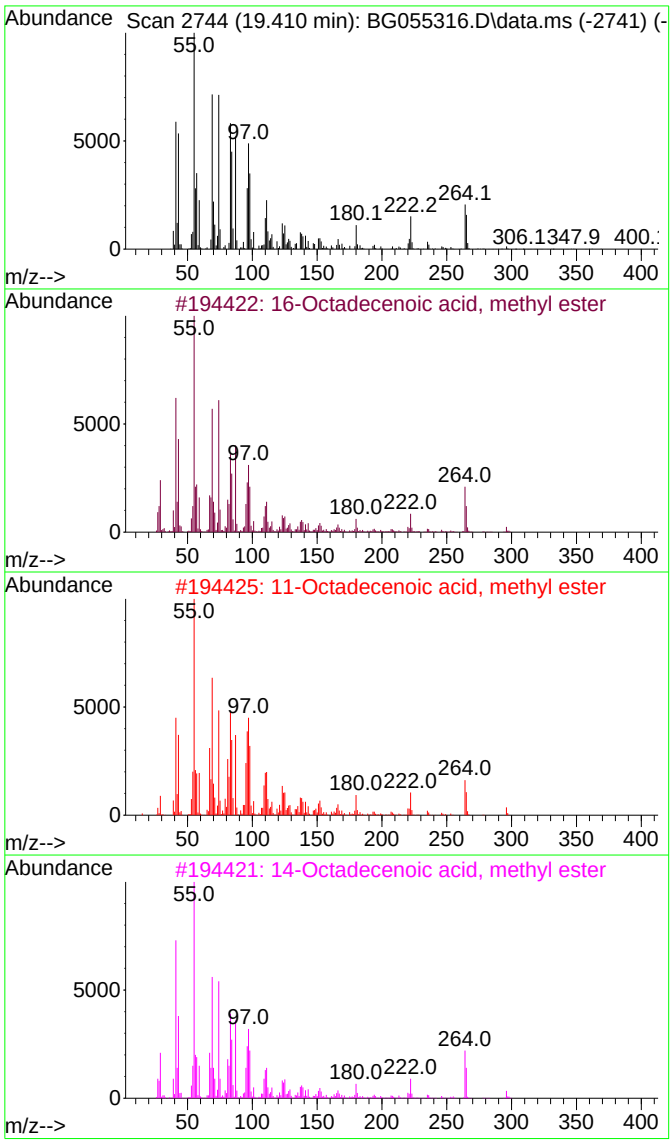
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

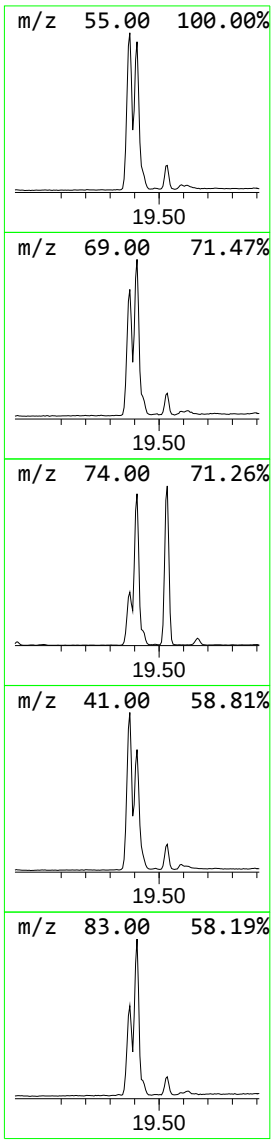
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	167.89 ng	4875460	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	87
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	87
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	86





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Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

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

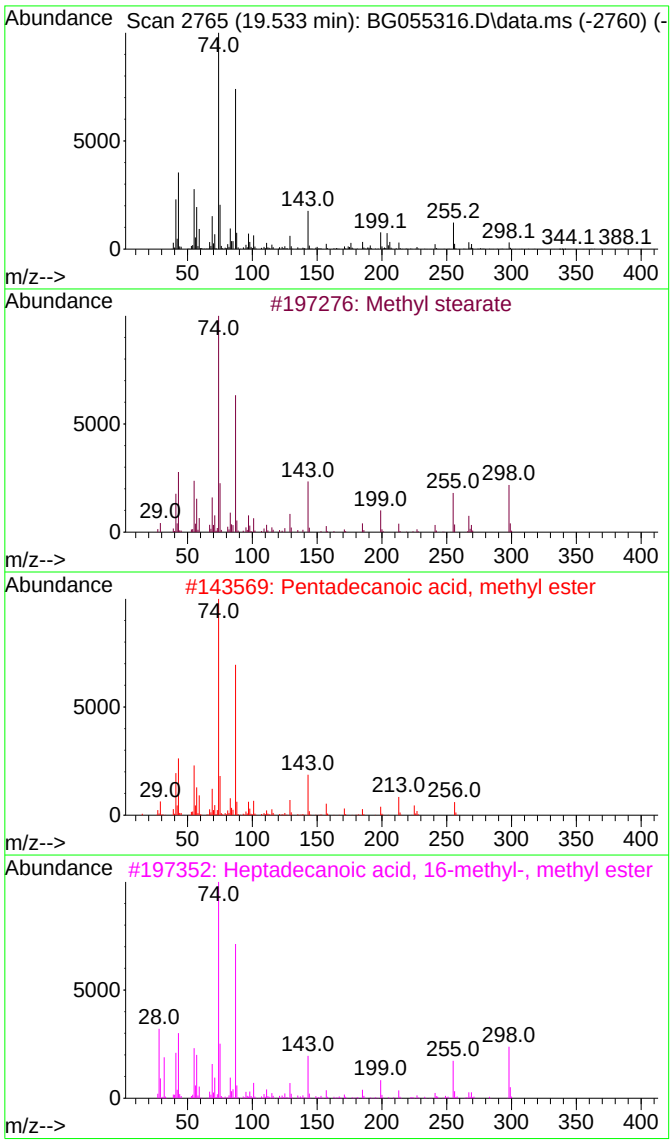
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

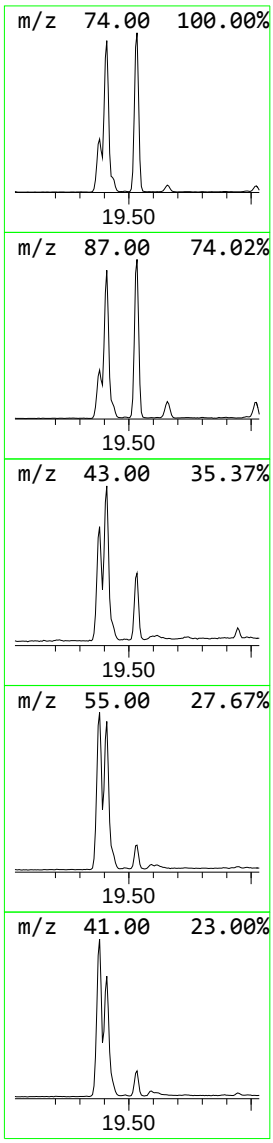
****

Peak Number 12 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.533	36.86 ng	1070470	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	95
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

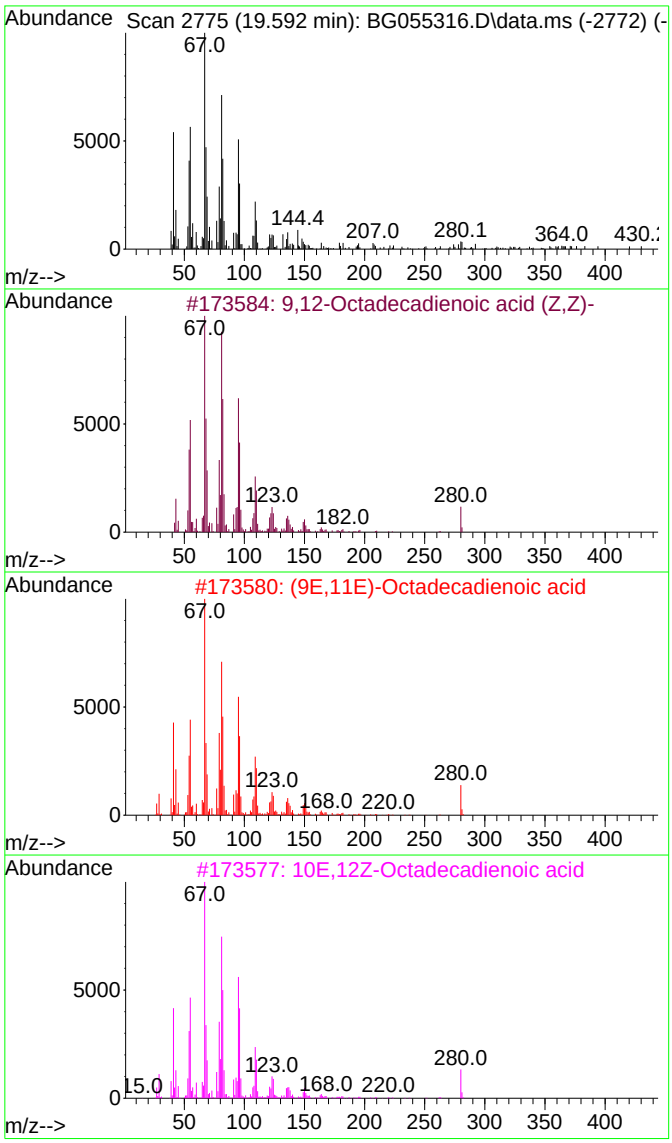
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

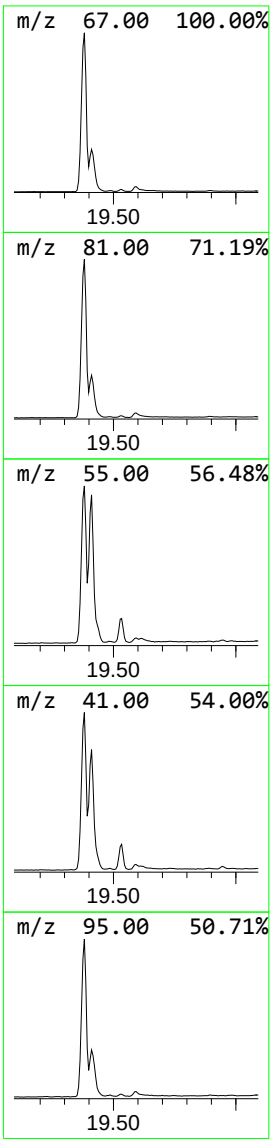
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid (... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.592	9.07 ng	263456	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
2	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	95
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	93
4	Linoelaidic acid	280	C18H32O2	000506-21-8	93
5	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055316.D
Acq On : 27 Oct 2022 2:54
Operator : CG/JU
Sample : N5238-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-251375

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
Naphthalene, 1,...	14.069	2.3	ng	68361	3	14.892	597313	20.0
Naphthalene, 2,...	14.210	2.3	ng	68278	3	14.892	597313	20.0
Eicosane	15.691	3.0	ng	89903	3	14.892	597313	20.0
Hexadecanoic ac...	18.247	52.8	ng	1532100	4	17.624	580800	20.0
Phenanthrene, 2...	18.482	11.3	ng	329215	4	17.624	580800	20.0
Anthracene, 1-m...	18.540	6.8	ng	195943	4	17.624	580800	20.0
4H-Cyclopenta[d...	18.687	8.4	ng	244602	4	17.624	580800	20.0
9,12-Octadecadi...	19.381	226.2	ng	6568680	4	17.624	580800	20.0
16-Octadecenoic...	19.410	167.9	ng	4875460	4	17.624	580800	20.0
Methyl stearate	19.533	36.9	ng	1070470	4	17.624	580800	20.0
9,12-Octadecadi...	19.592	9.1	ng	263456	4	17.624	580800	20.0