LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

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-BG081823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058897.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.969	648	660	673	rVB	108339	218202	1.06%	0.458%
2	10.559	1265	1271	1274	rBV	171808	301039	1.47%	0.632%
3	12.010	1509	1518	1524	rBV	249417	413144	2.02%	0.867%
4	13.062	1692	1697	1705	rVB	152377	245556	1.20%	0.515%
5	13.255	1725	1730	1738	rVB	333427	509727	2.49%	1.069%
6	13.914	1835	1842	1846	rVV2	129162	223981	1.09%	0.470%
7	14.337	1908	1914	1919	rBV	439435	610370	2.98%	1.281%
8	14.442	1928	1932	1938	rVB	196029	306700	1.50%	0.644%
9	15.288	2070	2076	2080	rVB	463681	621076	3.03%	1.303%
10	15.688	2134	2144	2149	rBV2	167110	369104	1.80%	0.774%
11	16.146	2217	2222	2230	rBV	502206	888924	4.34%	1.865%
12	16.939	2352	2357	2361	rBV	435126	559215	2.73%	1.173%
13	17.192	2394	2400	2405	rBV	219272	355382	1.73%	0.746%
14	17.674	2478	2482	2487	rVB	386150	473026	2.31%	0.992%
15	17.862	2507	2514	2519	rVB	3268083	4937409	24.10%	10.360%
16	18.097	2548	2554	2563	rVB	196040	329591	1.61%	0.692%
17	18.367	2596	2600	2604	rBV	348806	454660	2.22%	0.954%
18	19.037	2702	2714	2716	rBV	8265964	20490395	100.00%	42.992%
19	19.066	2716	2719	2725	rVB2	7570438	10876531	53.08%	22.821%
20	19.166	2731	2736	2741	rVB	1863873	2363301	11.53%	4.959%
21	19.225	2741	2746	2748	rBV	369386	470789	2.30%	0.988%
22	19.577	2803	2806	2810	rBV	210797	232299	1.13%	0.487%
23	19.812	2842	2846	2854	rVB	240673	367432	1.79%	0.771%
24	20.112	2893	2897	2900	rBV	199752	247636	1.21%	0.520%
25	20.253	2917	2921	2925	rBV	213996	262725	1.28%	0.551%
26	21.234	3084	3088	3095	rBV	190924	245556	1.20%	0.515%
27	21.434	3118	3122	3131	rVB	164303	286655	1.40%	0.601%

Sum of corrected areas: 47660425

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
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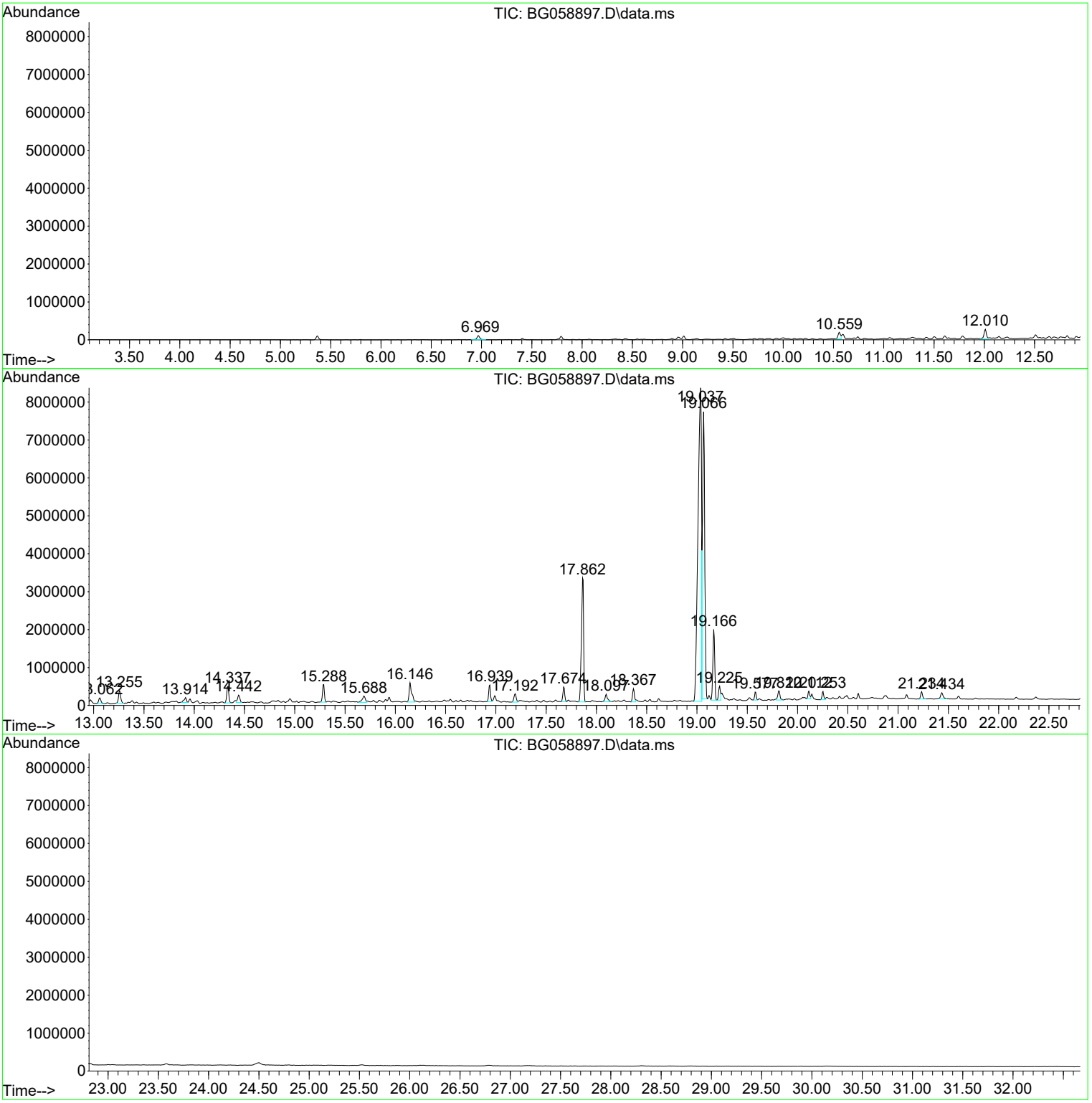
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
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Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

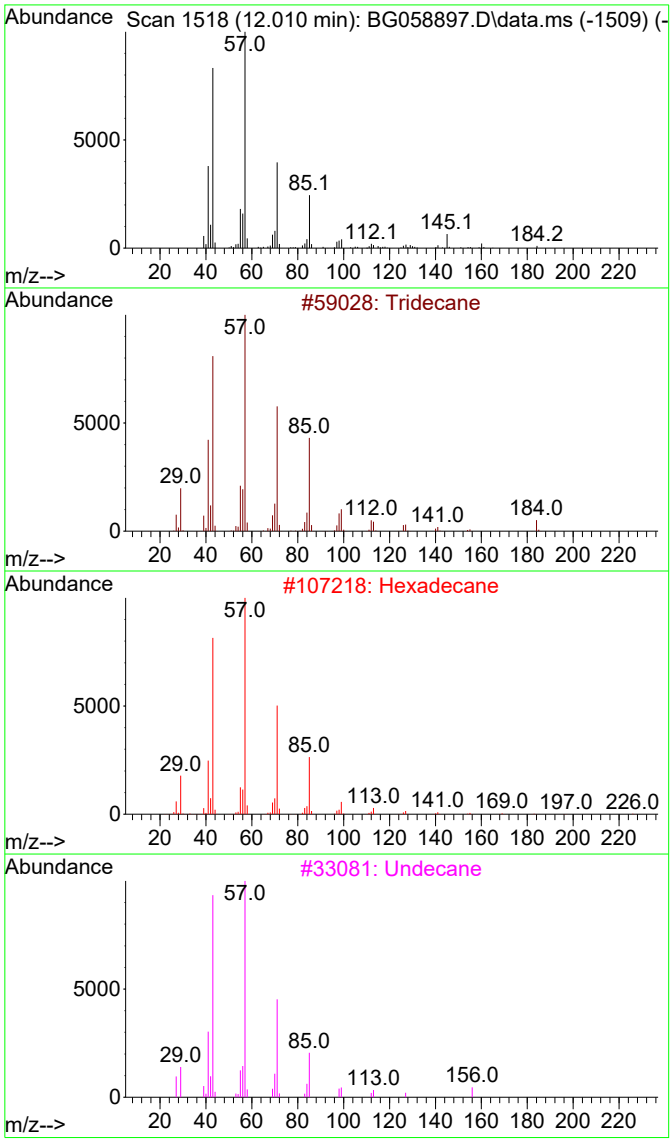
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

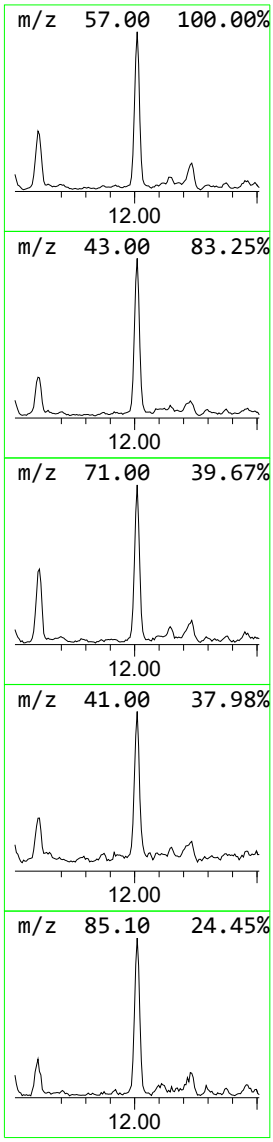
****

Peak Number 1 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	27.45 ng	413144	Naphthalene-d8	10.594

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	72
3	Undecane	156	C11H24	001120-21-4	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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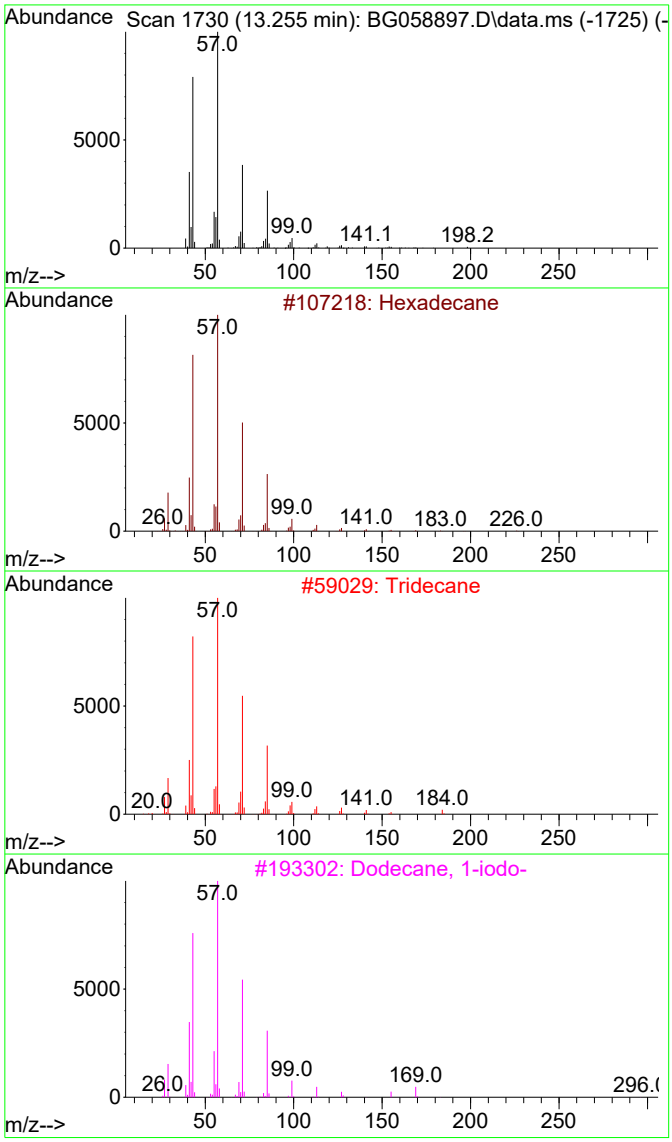
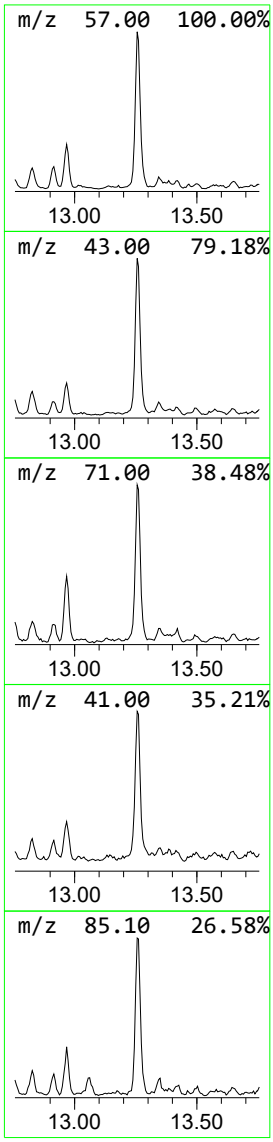
Peak Number 2 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.256	33.24 ng	509727	Acenaphthene-d10	14.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	78
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
4	Heptadecane	240	C17H36	000629-78-7	78
5	Undecane	156	C11H24	001120-21-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

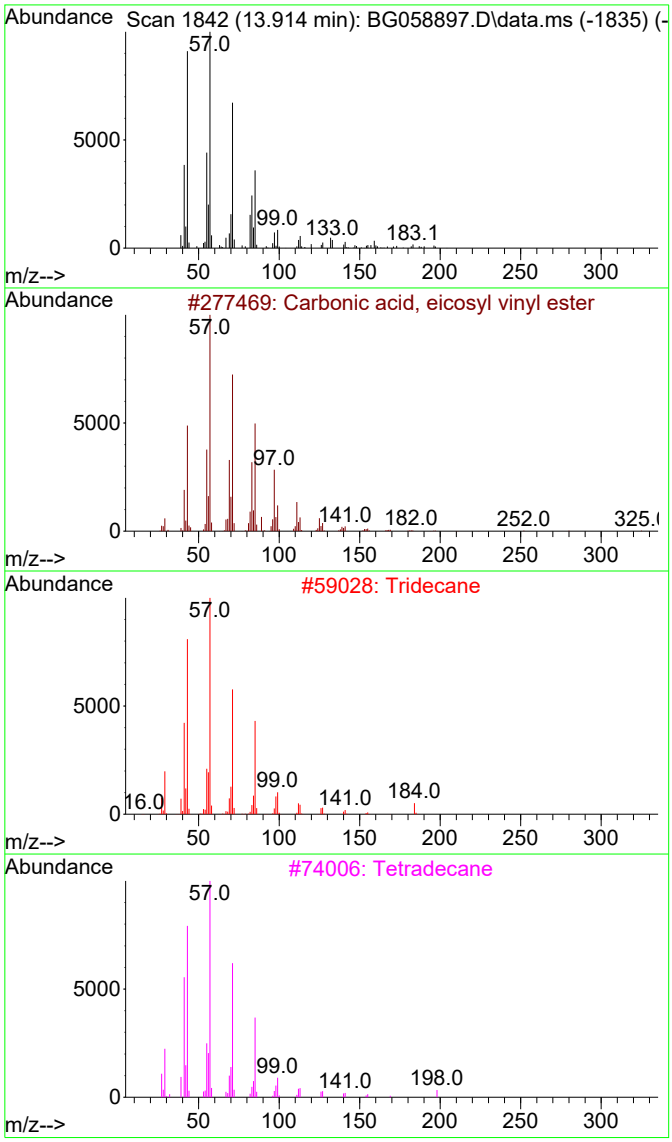
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

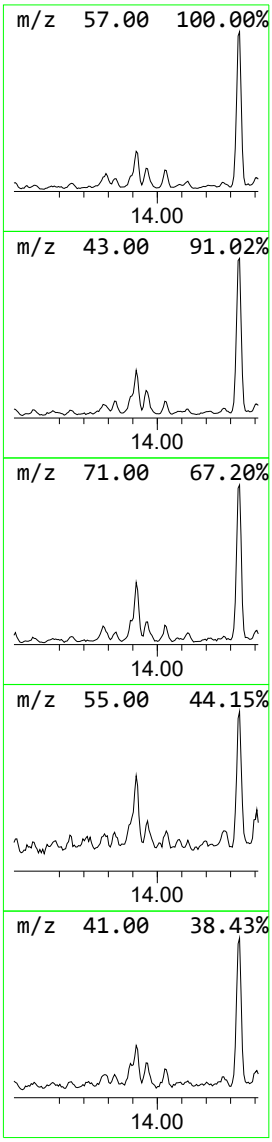
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.914	14.61 ng	223981	Acenaphthene-d10	14.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
2	Tridecane	184	C13H28	000629-50-5	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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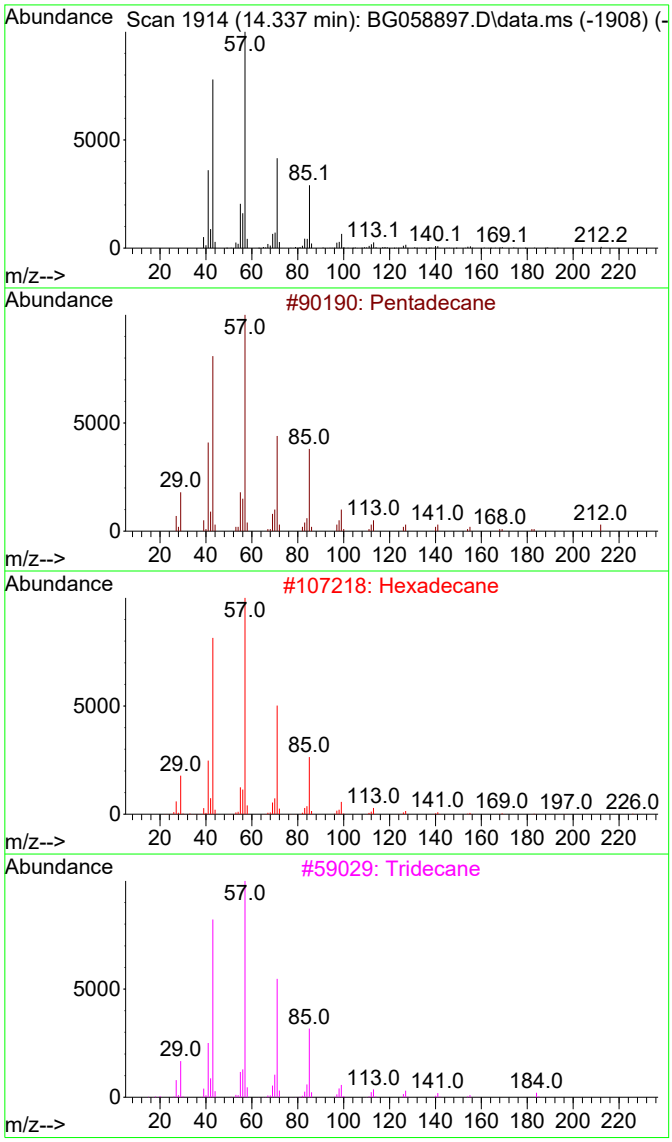
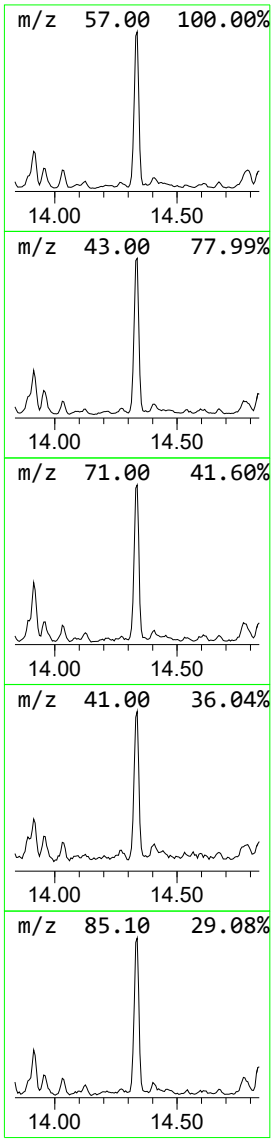
Peak Number 4 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.337	39.80 ng	610370	Acenaphthene-d10	14.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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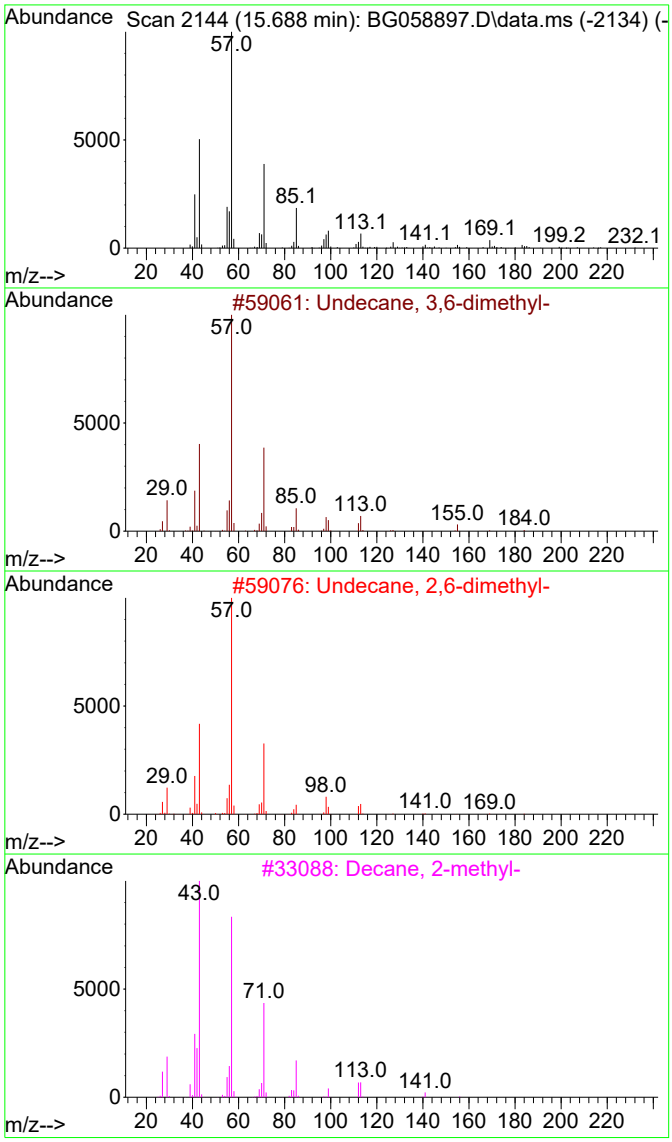
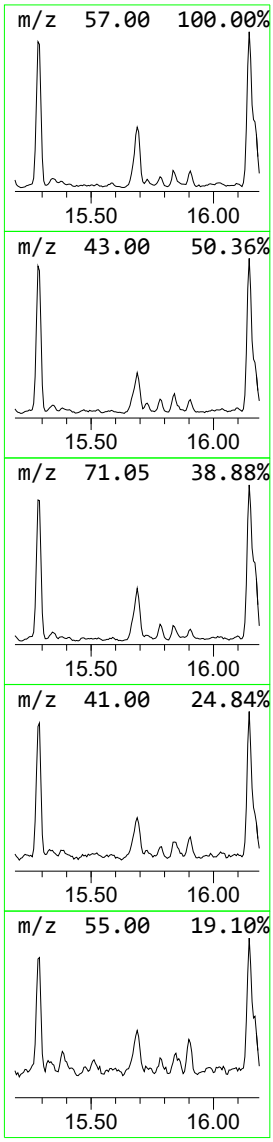
Peak Number 6 Undecane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.688	24.07 ng	369104	Acenaphthene-d10	14.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74
3	Decane, 2-methyl-	156	C11H24	006975-98-0	72
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

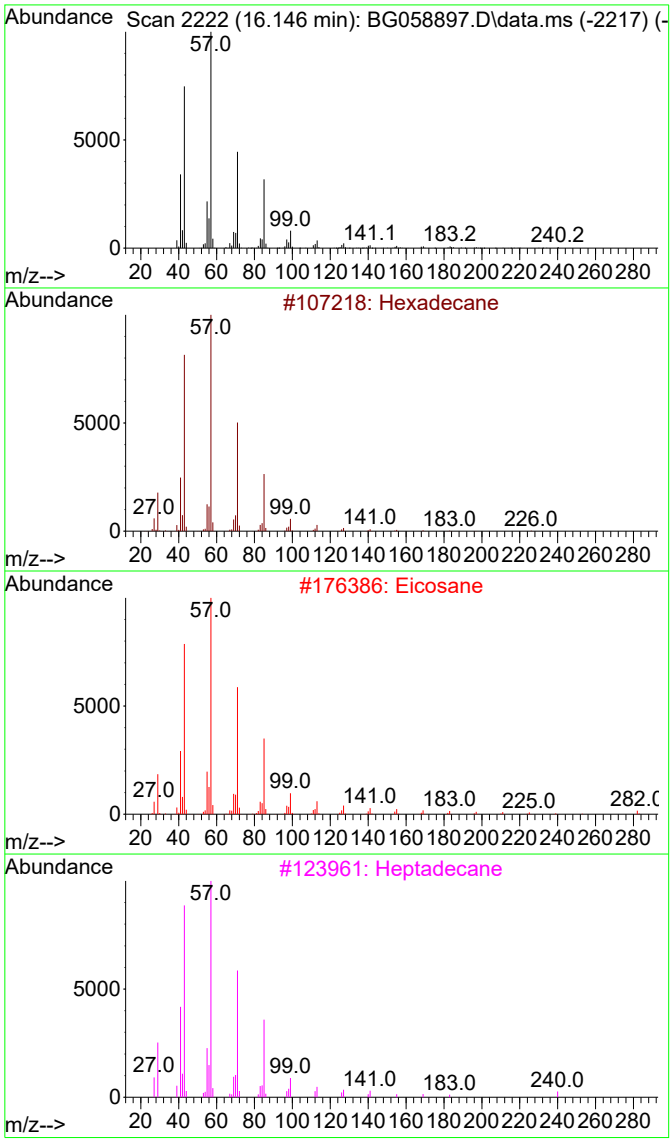
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

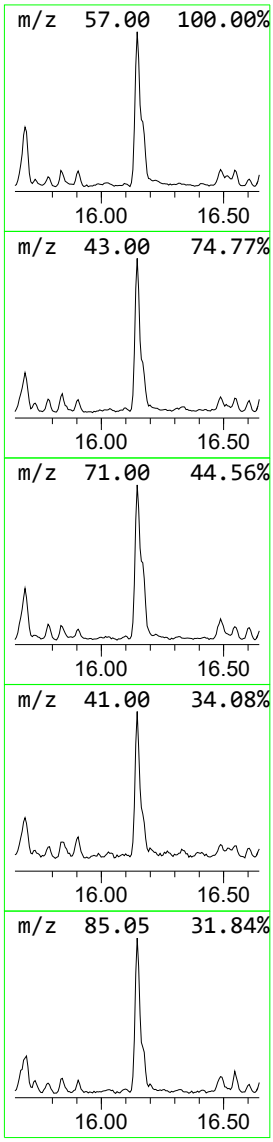
****

Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.146	50.03 ng	888924	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

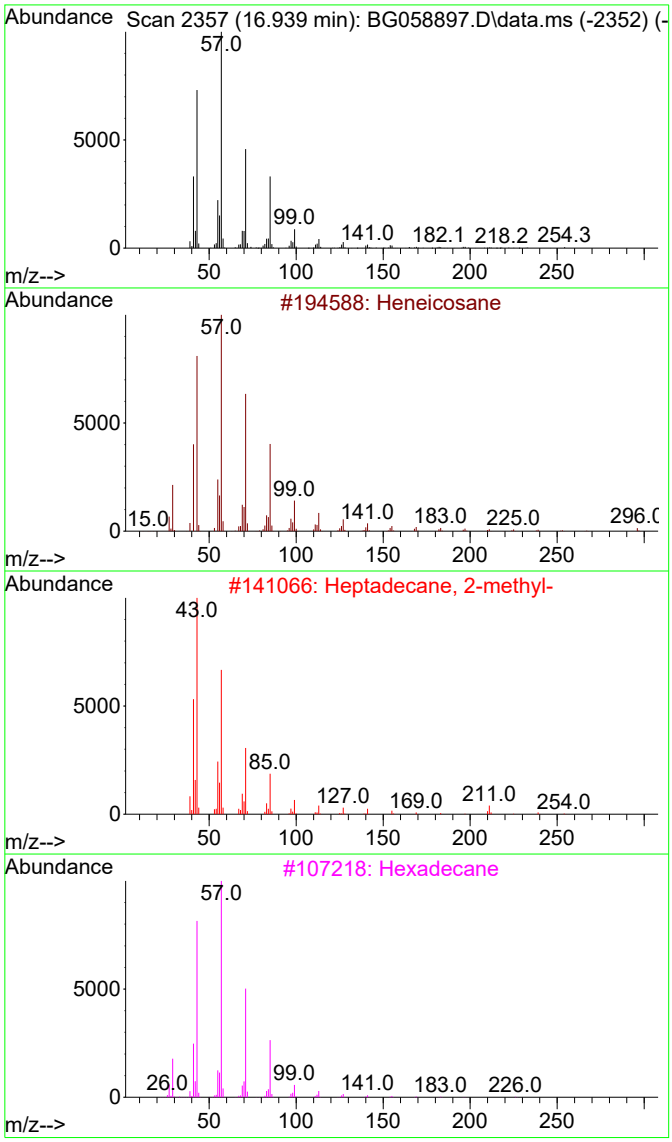
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

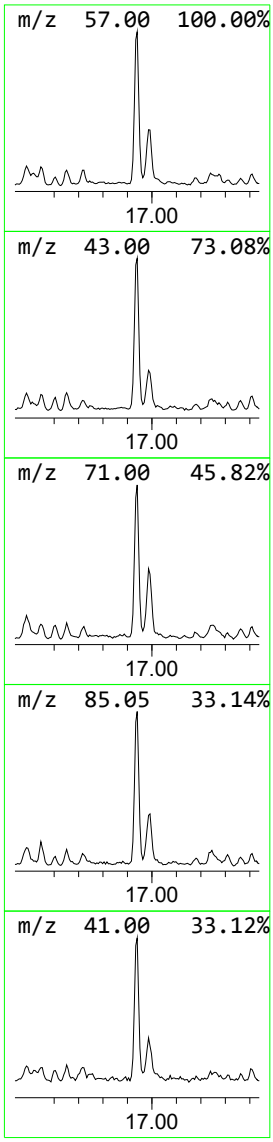
****

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.939	31.47 ng	559215	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
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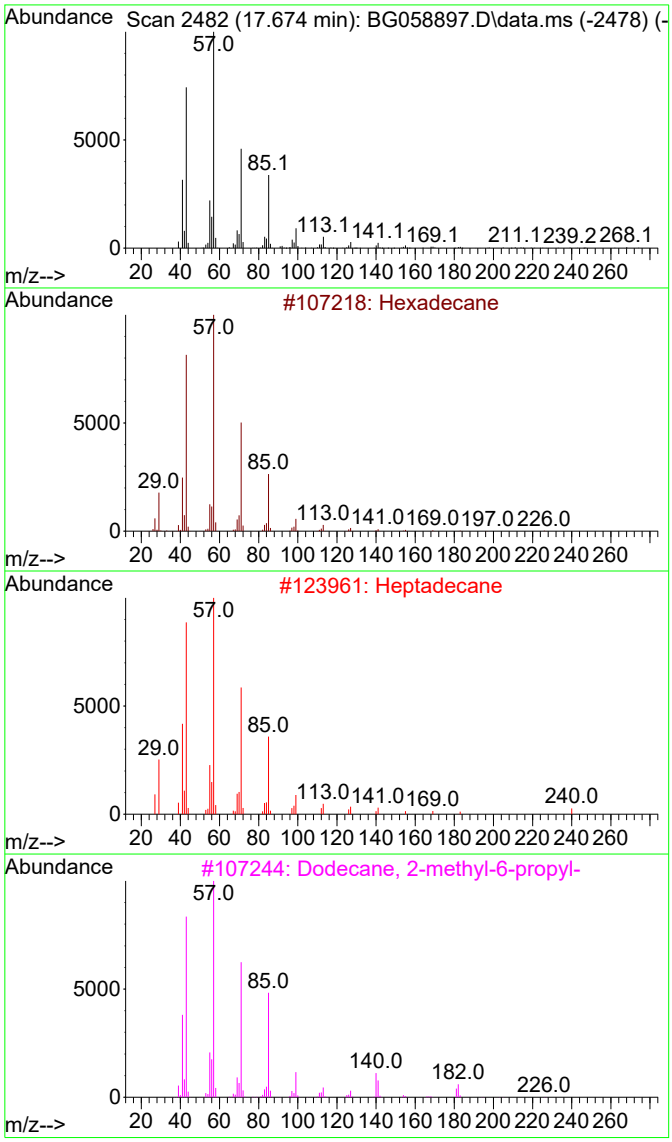
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

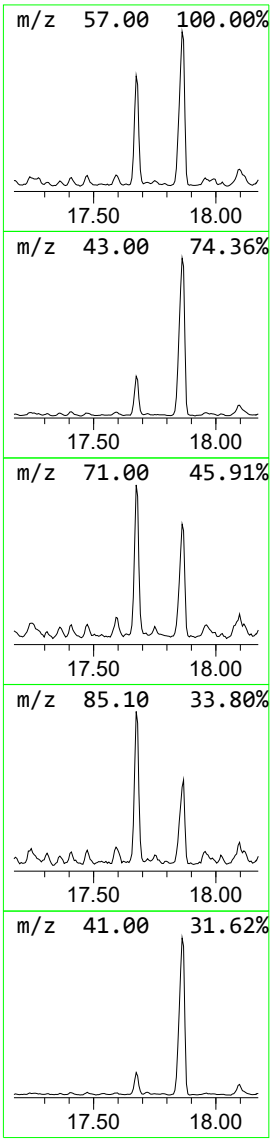
****

Peak Number 9 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.674	26.62 ng	473026	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Misc :
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Instrument :
BNA_G
ClientSampleId :
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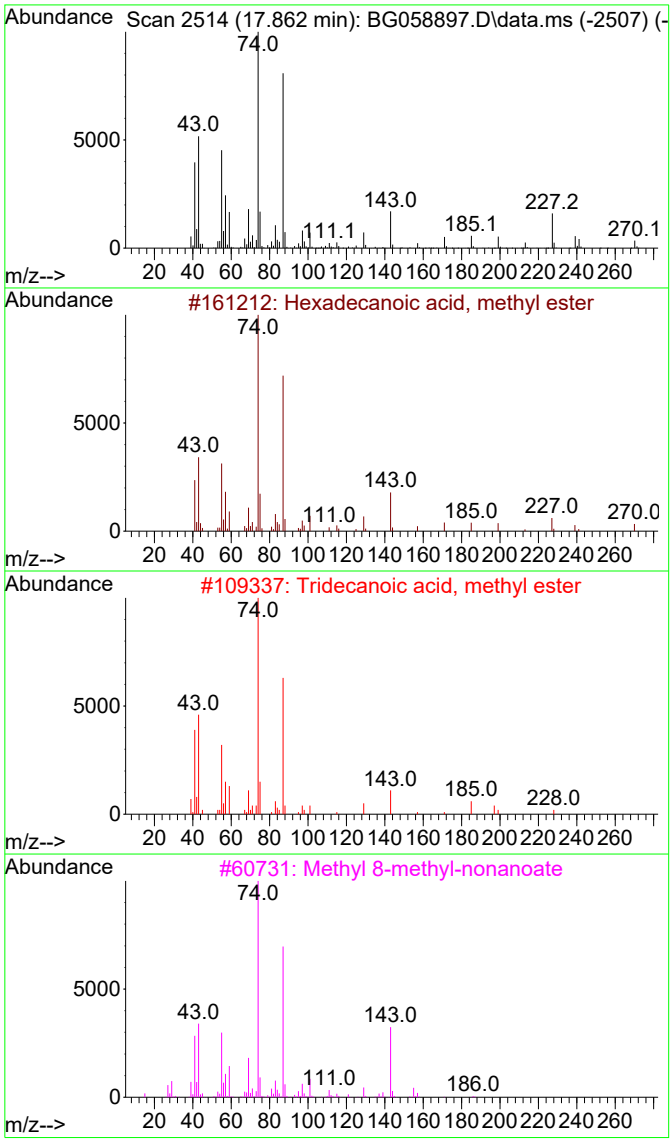
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

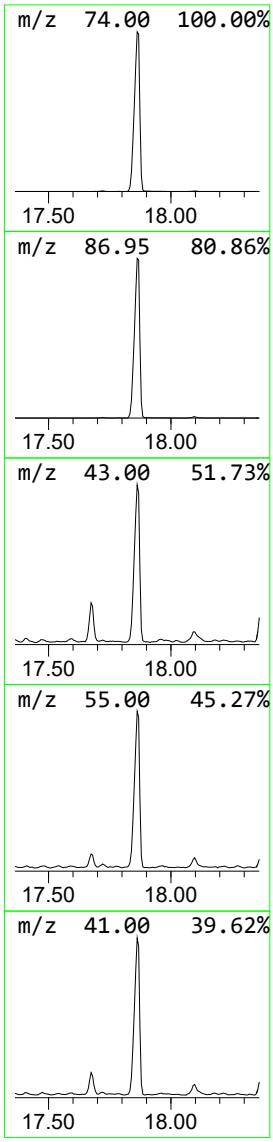
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.862	277.87 ng	4937410	Phenanthrene-d10	17.192

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	95
3	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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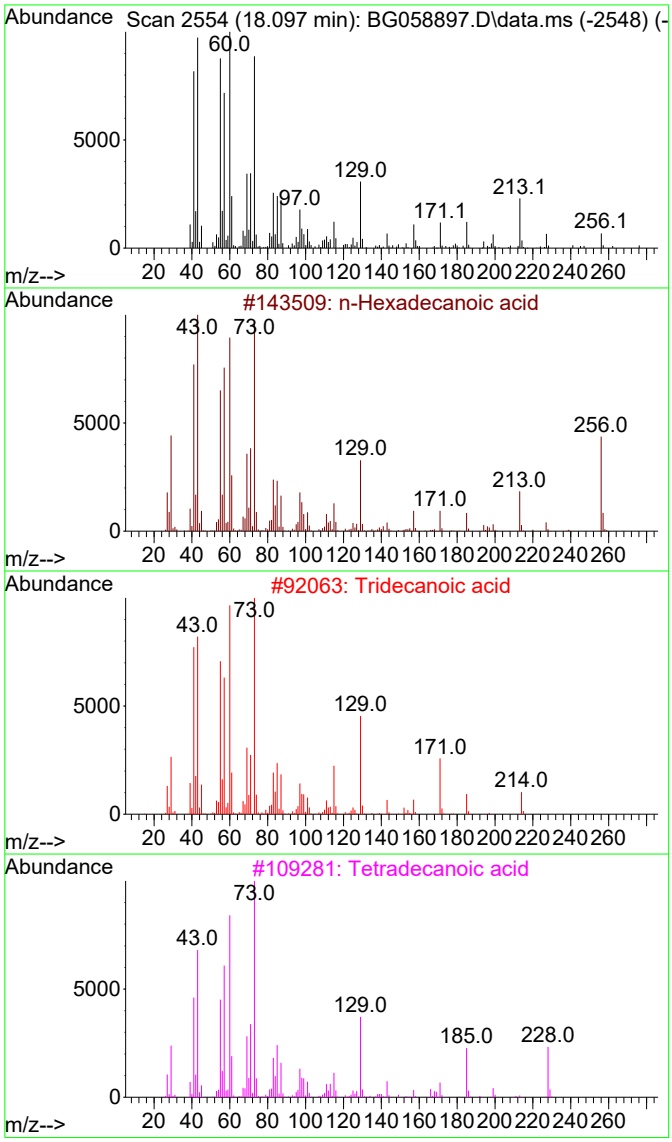
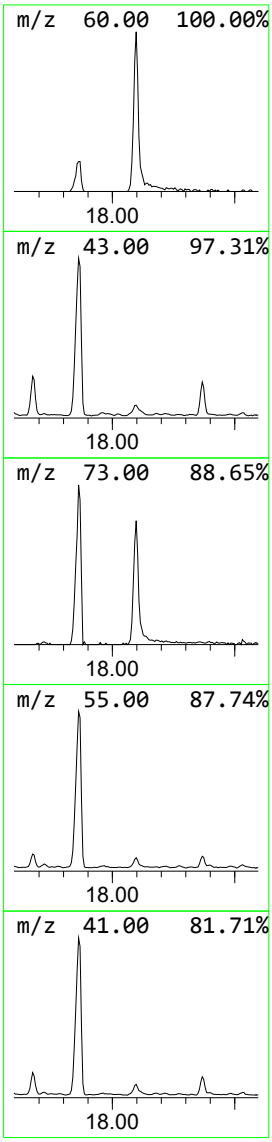
Peak Number 11 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.097	18.55 ng	329591	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Nonanoic acid	158	C9H18O2	000112-05-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

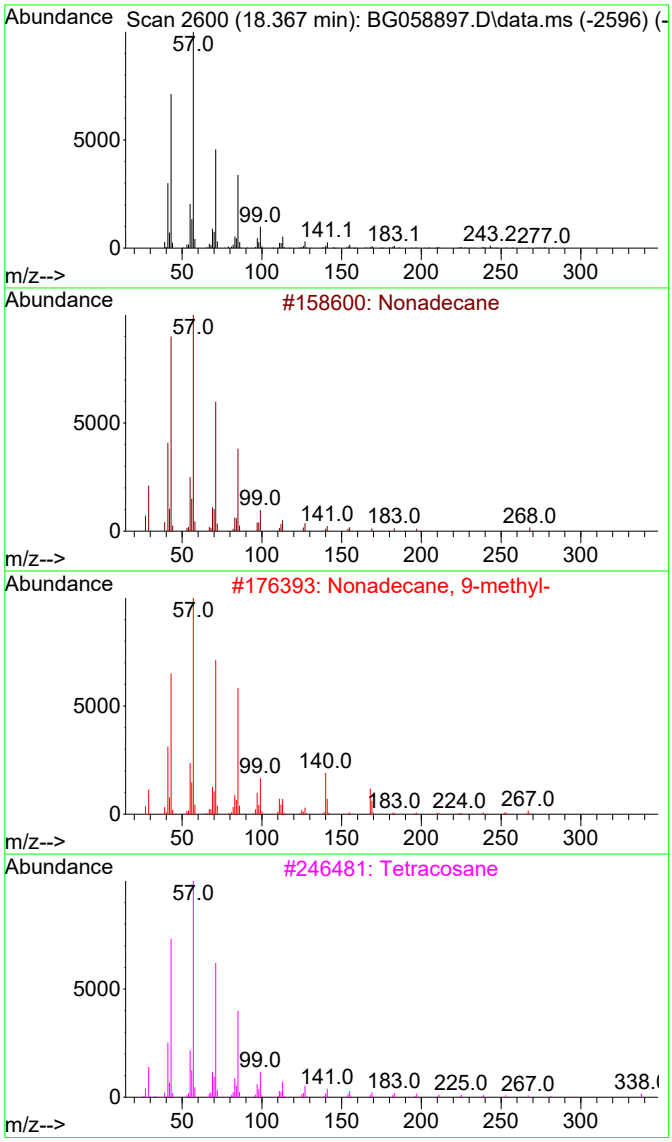
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

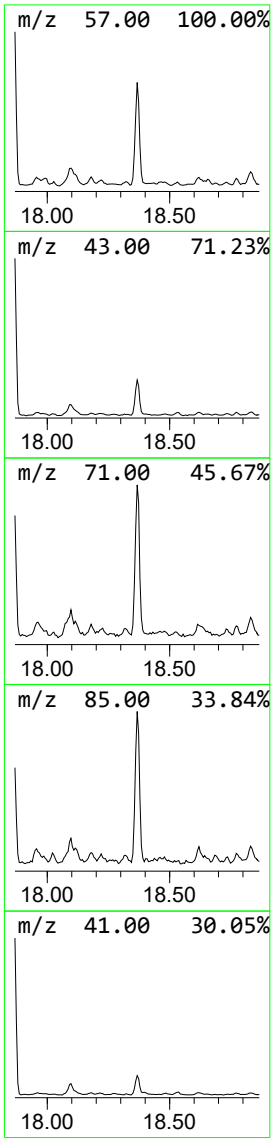
****

Peak Number 12 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.367	25.59 ng	454660	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

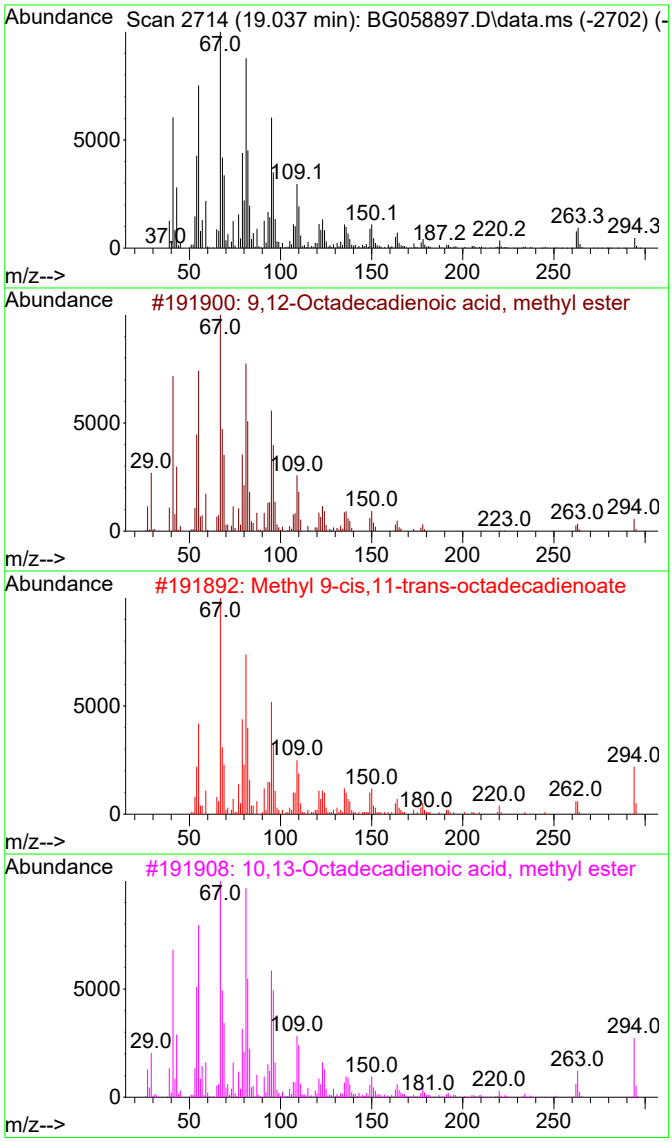
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

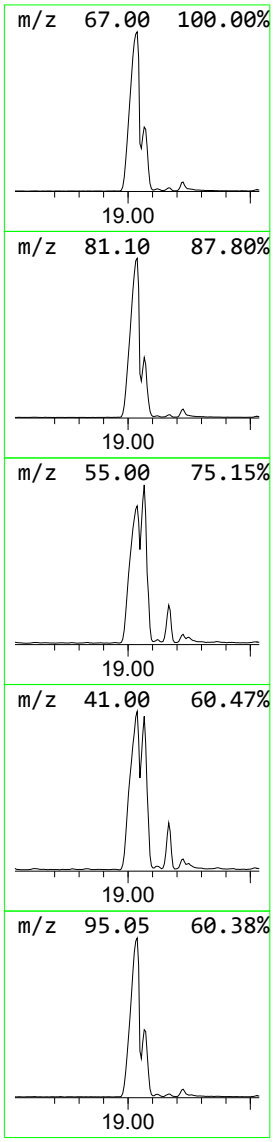
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.037	1153.15 ng	20490400	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	94





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Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

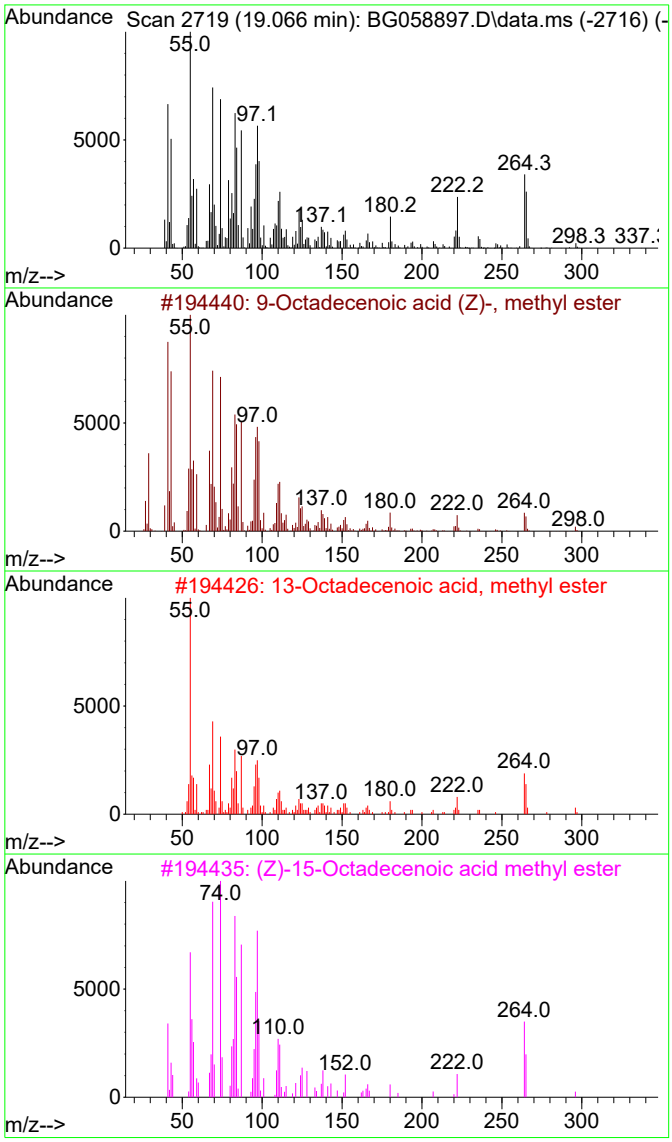
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

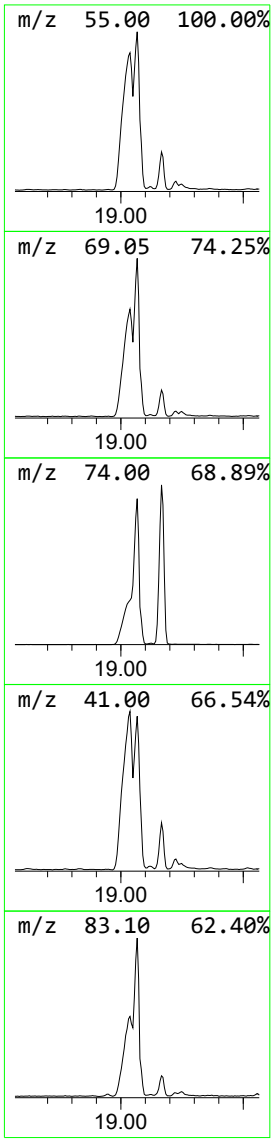
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.066	612.10 ng	10876500	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	92
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
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Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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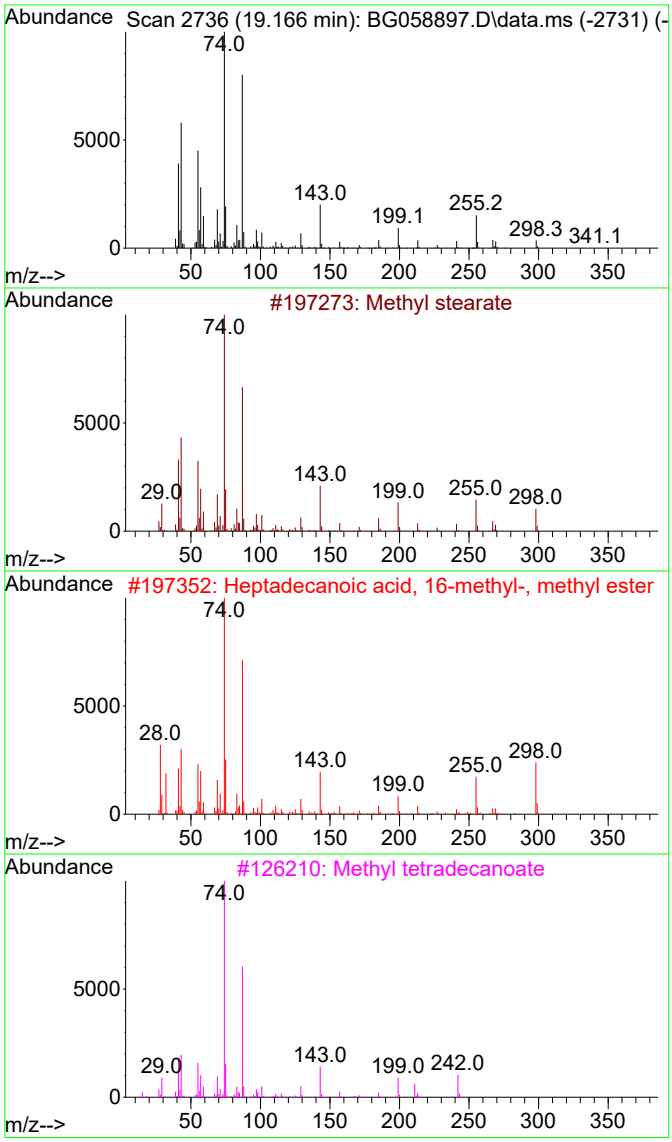
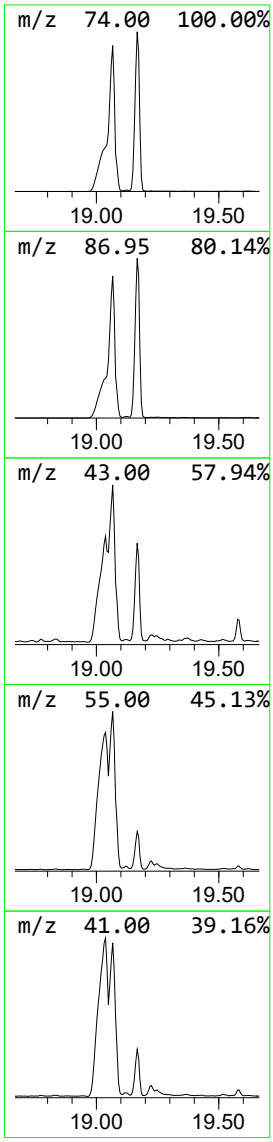
Peak Number 15 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.166	133.00 ng	2363300	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83
5	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
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Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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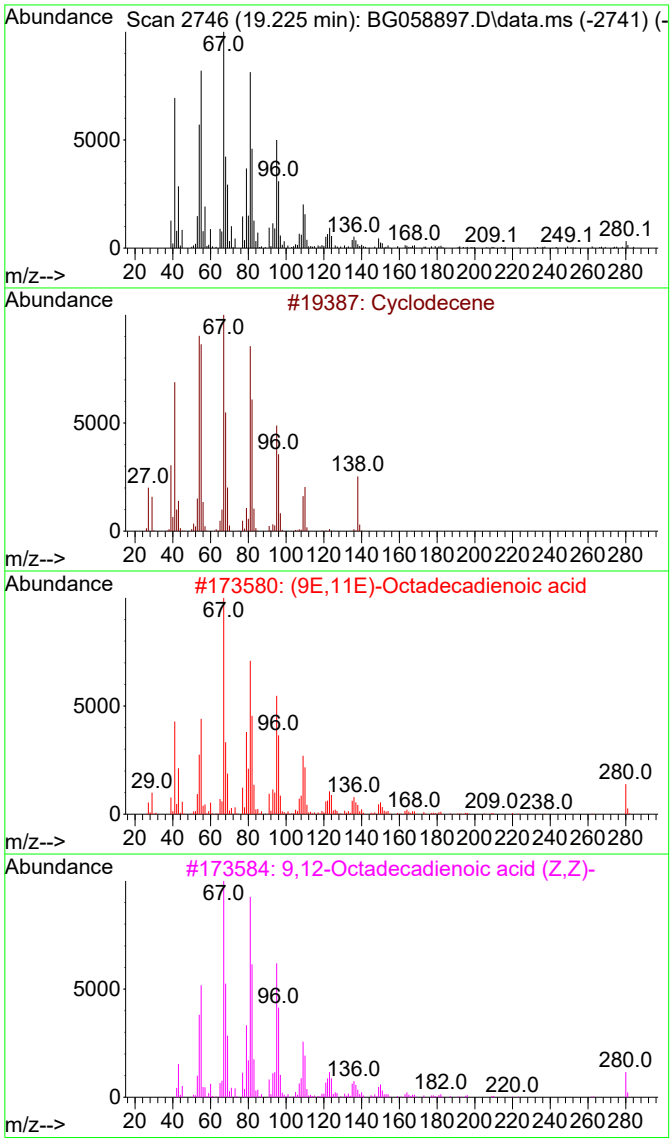
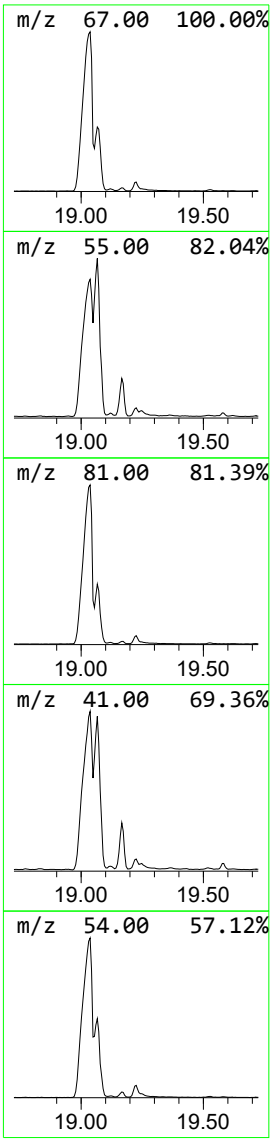
Peak Number 16 Cyclodecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.225	26.49 ng	470789	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecene	138	C10H18	003618-12-0	96
2	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	96
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
4	Linoelaidic acid	280	C18H32O2	000506-21-8	95
5	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

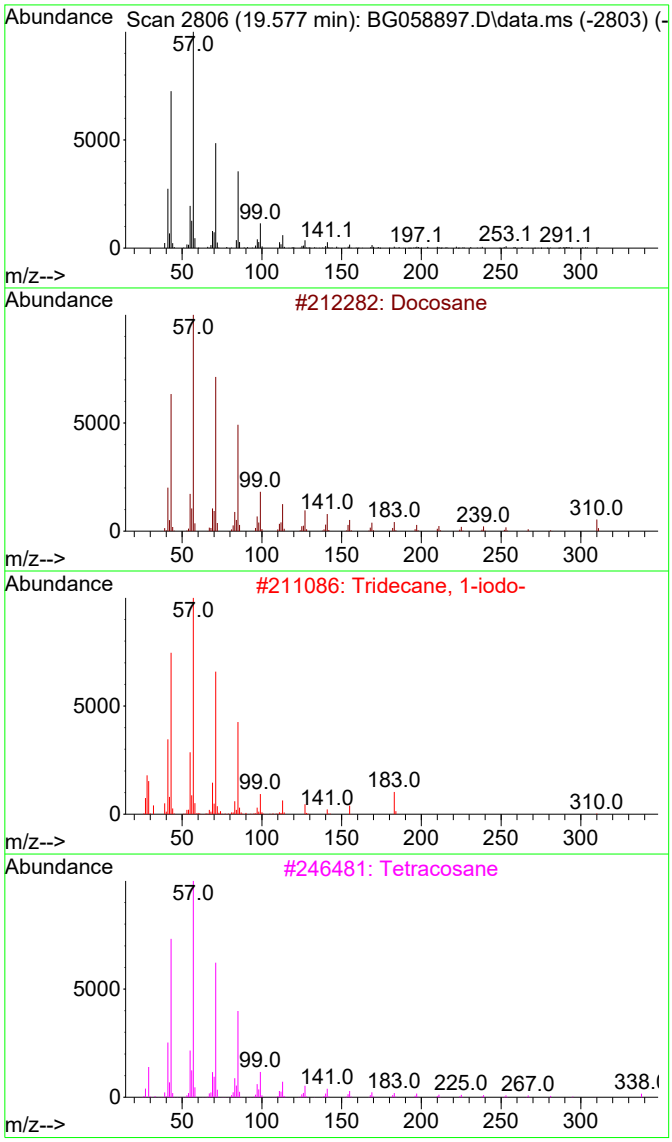
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

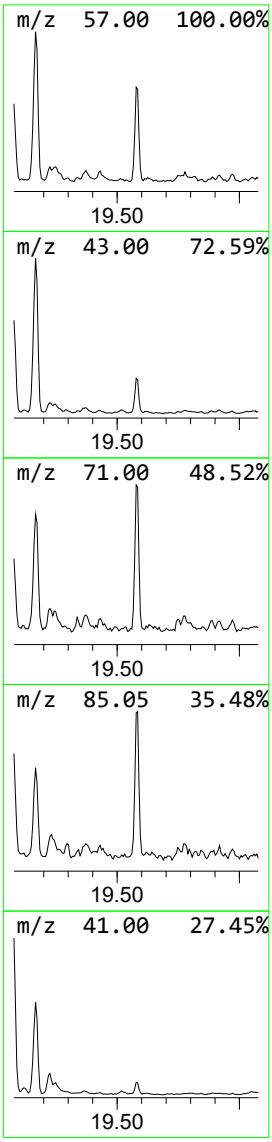
****

Peak Number 17 Docosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.578	16.21 ng	232299	Chrysene-d12	21.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
3	Tetracosane	338	C24H50	000646-31-1	91
4	4-Methylheneicosane	310	C22H46	025117-29-7	90
5	Hexadecane	226	C16H34	000544-76-3	87





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Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

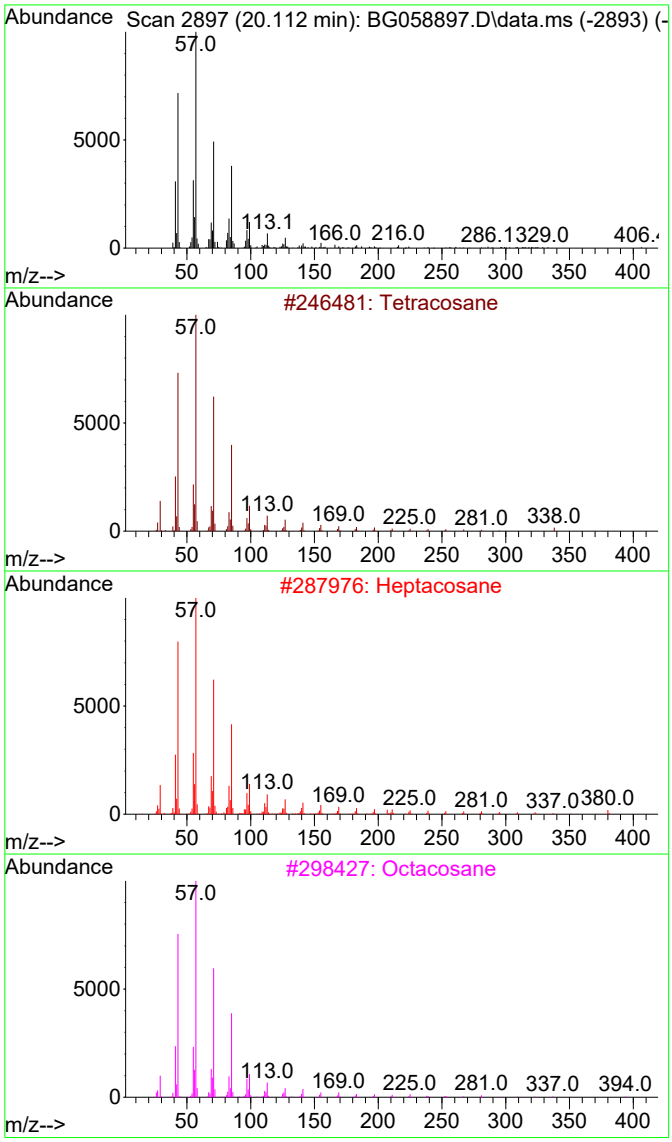
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

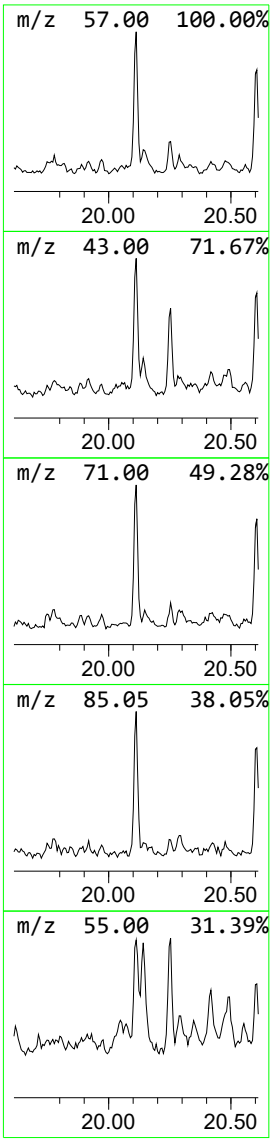
****

Peak Number 18 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.112	17.28 ng	247636	Chrysene-d12	21.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

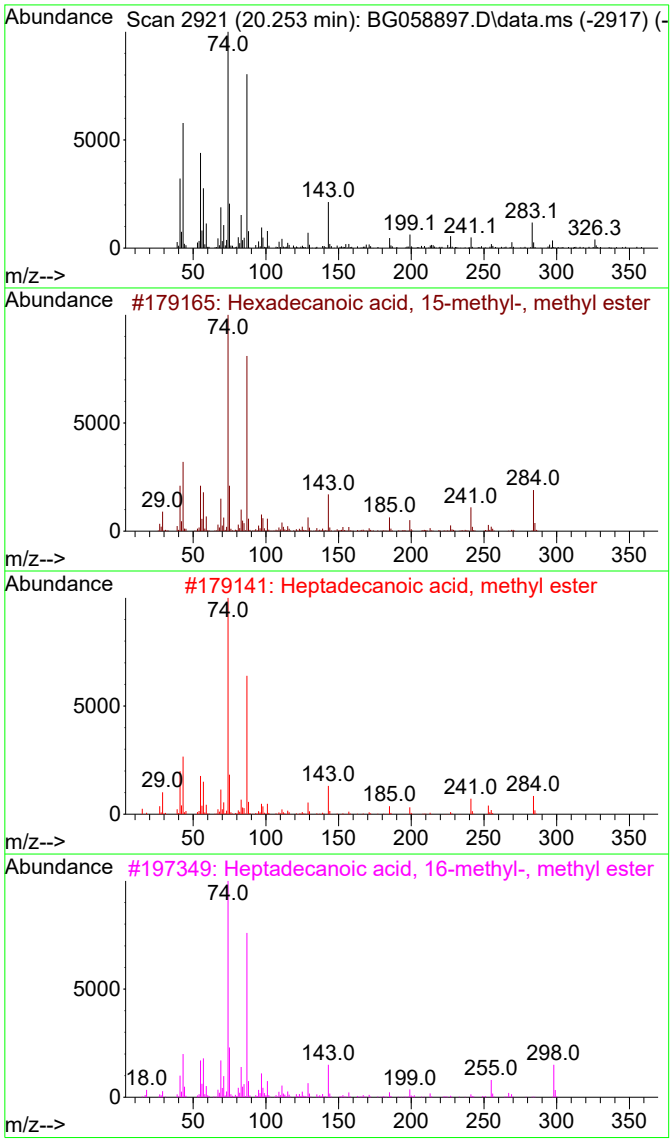
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

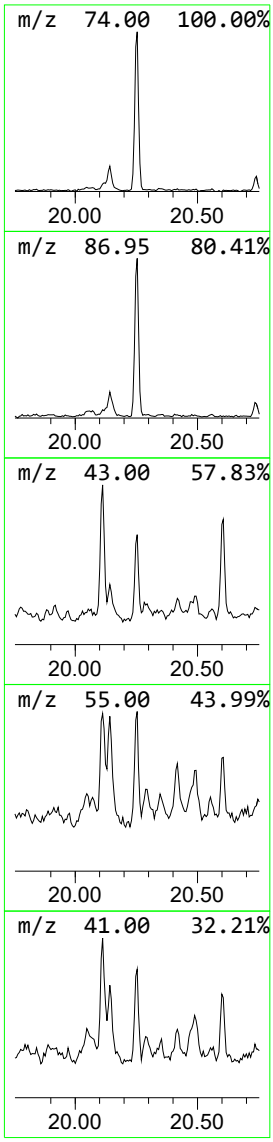
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Hexadecanoic acid, 15-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.253	18.33 ng	262725	Chrysene-d12	21.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	91
5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90





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Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

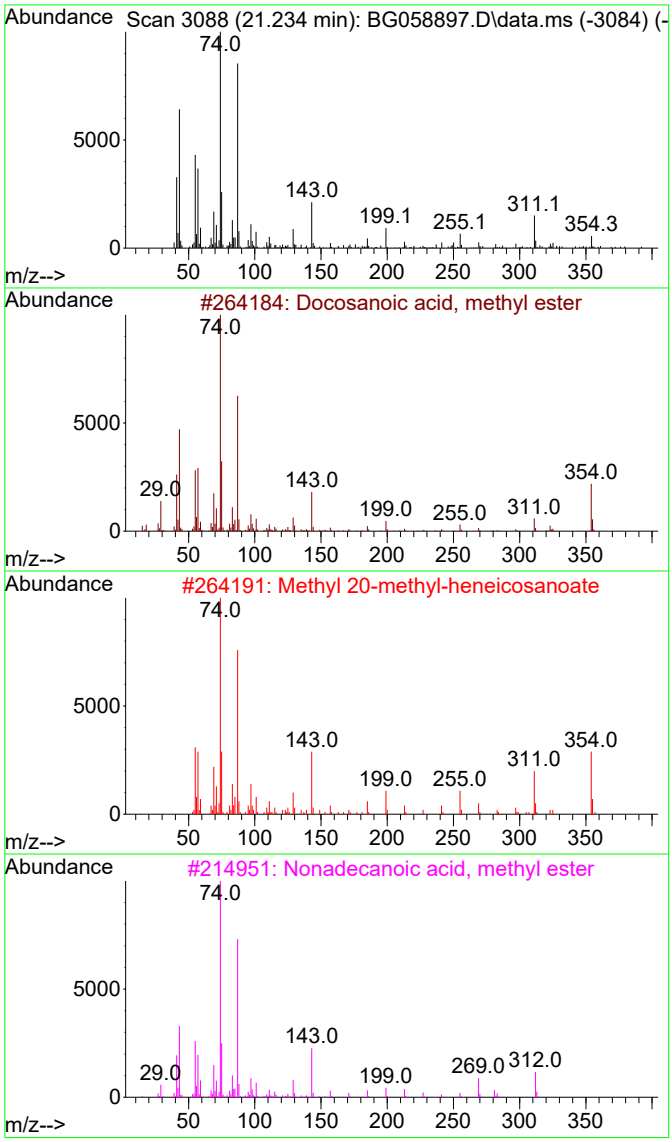
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

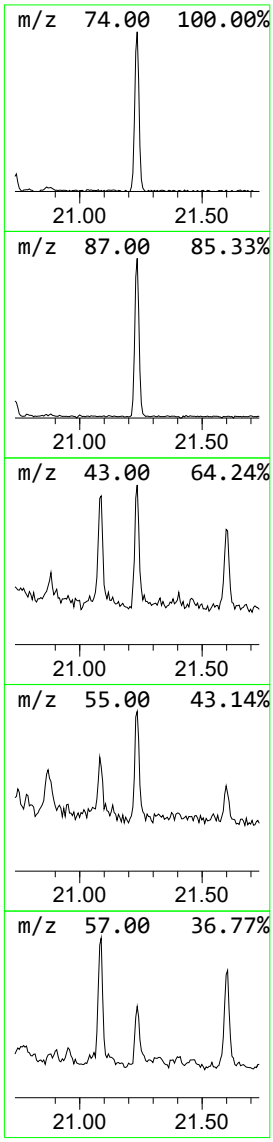
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.234	17.13 ng	245556	Chrysene-d12	21.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	93
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058897.D
Acq On : 29 Aug 2023 21:32
Operator : MA/JU
Sample : 04183-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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
Tridecane	12.010	27.4	ng	413144	2	10.594	301039	20.0
Hexadecane	13.256	33.2	ng	509727	3	14.442	306700	20.0
Carbonic acid, ...	13.914	14.6	ng	223981	3	14.442	306700	20.0
Pentadecane	14.337	39.8	ng	610370	3	14.442	306700	20.0
Undecane, 3,6-d...	15.688	24.1	ng	369104	3	14.442	306700	20.0
Eicosane	16.146	50.0	ng	888924	4	17.192	355382	20.0
Heneicosane	16.939	31.5	ng	559215	4	17.192	355382	20.0
Heptadecane	17.674	26.6	ng	473026	4	17.192	355382	20.0
Hexadecanoic ac...	17.862	277.9	ng	4937410	4	17.192	355382	20.0
n-Hexadecanoic ...	18.097	18.6	ng	329591	4	17.192	355382	20.0
Nonadecane	18.367	25.6	ng	454660	4	17.192	355382	20.0
9,12-Octadecadi...	19.037	1153.2	ng	20490400	4	17.192	355382	20.0
9-Octadecenoic ...	19.066	612.1	ng	10876500	4	17.192	355382	20.0
Methyl stearate	19.166	133.0	ng	2363300	4	17.192	355382	20.0
Cyclodecene	19.225	26.5	ng	470789	4	17.192	355382	20.0
Docosane	19.578	16.2	ng	232299	5	21.434	286655	20.0
Tetracosane	20.112	17.3	ng	247636	5	21.434	286655	20.0
Hexadecanoic ac...	20.253	18.3	ng	262725	5	21.434	286655	20.0
Docosanoic acid...	21.234	17.1	ng	245556	5	21.434	286655	20.0