LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052812.D
Acq On : 24 Mar 2022 17:04
Operator : CG/JU
Sample : N2064-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052812.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.702	385	394	402	rBV	392359	649713	18.44%	3.802%
2	7.288	657	664	674	rBV	266079	459860	13.05%	2.691%
3	8.140	802	809	815	rBV	134531	235187	6.67%	1.376%
4	9.303	998	1007	1016	rVB	509479	917985	26.05%	5.371%
5	10.954	1281	1288	1298	rVB	179636	326243	9.26%	1.909%
6	13.392	1695	1703	1710	rVB	1283618	2064534	58.59%	12.080%
7	14.162	1820	1834	1838	rBV6	35998	112866	3.20%	0.660%
8	14.761	1929	1936	1944	rVB	288648	453823	12.88%	2.655%
9	16.247	2180	2189	2199	rBV	1179244	1850164	52.51%	10.826%
10	16.682	2252	2263	2265	rBV5	25960	60703	1.72%	0.355%
11	16.975	2305	2313	2322	rBV5	46151	144067	4.09%	0.843%
12	17.504	2395	2403	2411	rBV	403024	648182	18.40%	3.793%
13	18.391	2549	2554	2562	rBV	170380	300651	8.53%	1.759%
14	18.873	2631	2636	2645	rVB	18605	46397	1.32%	0.271%
15	19.078	2665	2671	2674	rBV8	24764	53580	1.52%	0.314%
16	19.296	2704	2708	2711	rBV4	23992	40841	1.16%	0.239%
17	19.660	2766	2770	2776	rBV3	71510	126860	3.60%	0.742%
18	19.807	2790	2795	2801	rBV	221170	268788	7.63%	1.573%
19	20.112	2841	2847	2852	rVB	2616519	3523531	100.00%	20.617%
20	20.794	2954	2963	2973	rBV	1947600	2915917	82.76%	17.062%
21	20.894	2977	2980	2987	rVV	68041	101257	2.87%	0.592%
22	21.792	3128	3133	3139	rVB	365604	601338	17.07%	3.519%
23	25.106	3689	3697	3711	rVB2	197105	604696	17.16%	3.538%
24	29.682	4468	4476	4503	rVB2	105790	583187	16.55%	3.412%

Sum of corrected areas: 17090370

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
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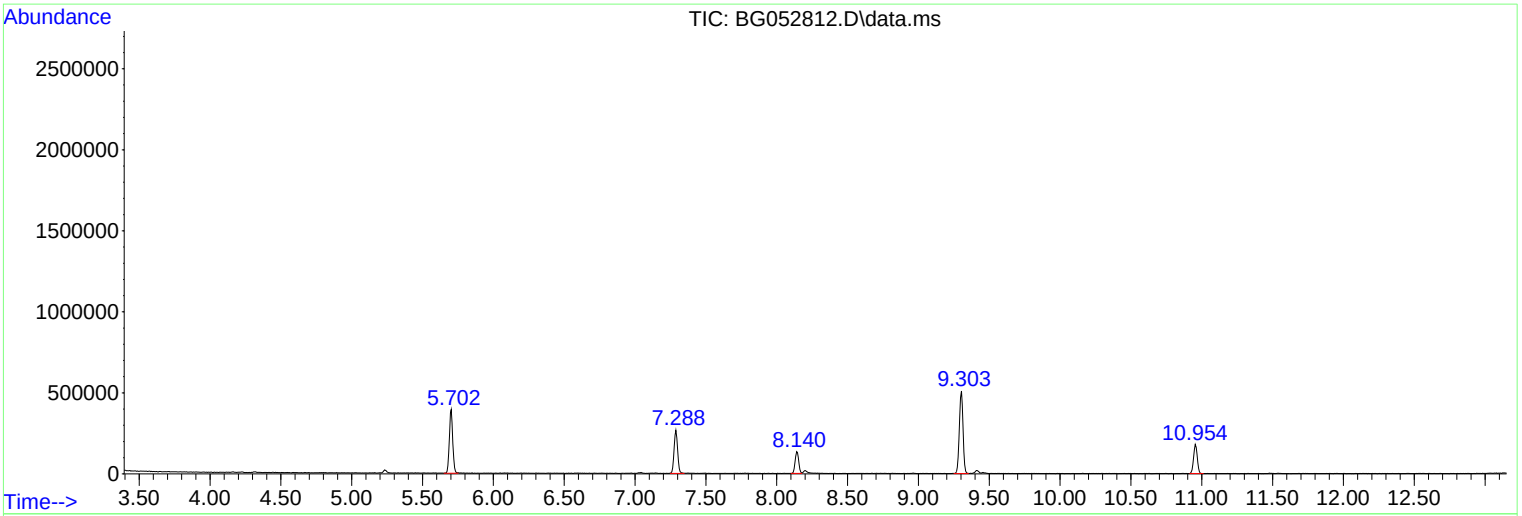
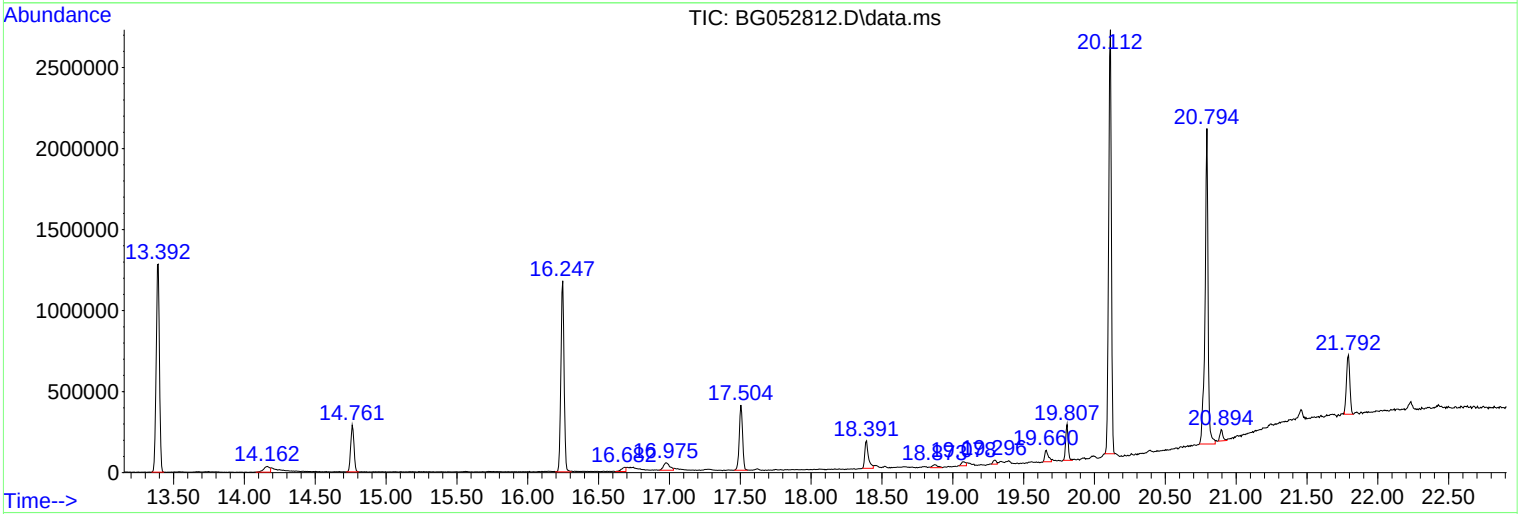
Misc :
ALS Vial : 7 Sample Multiplier: 1

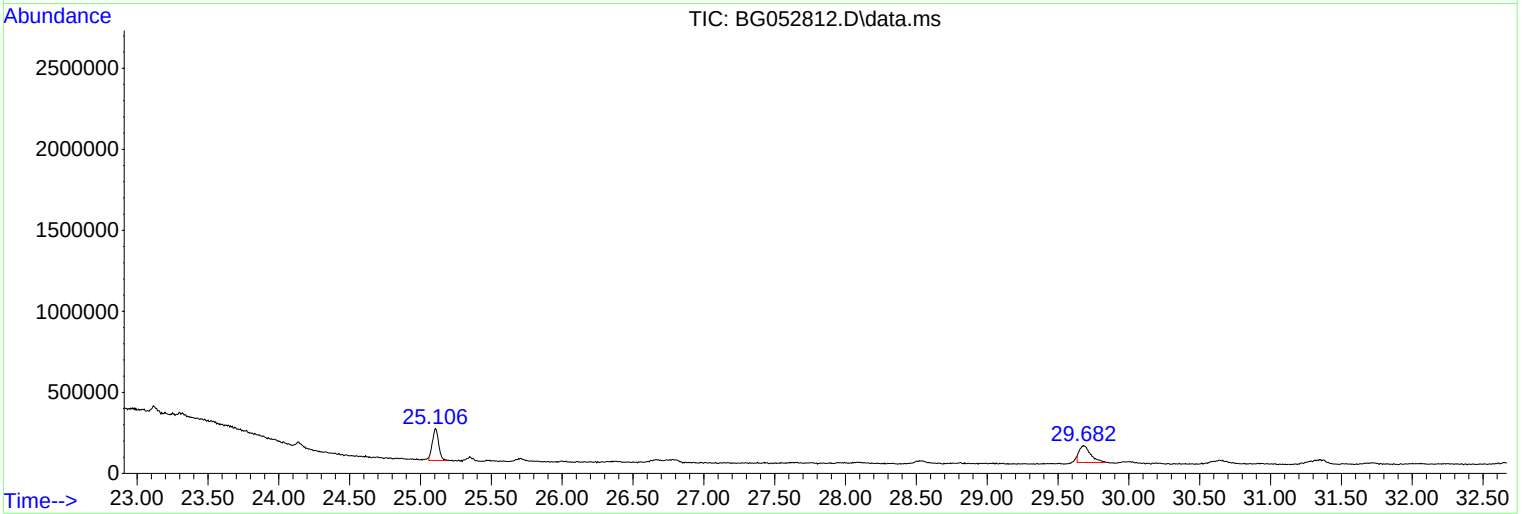
Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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\BG032422\
Data File : BG052812.D
Acq On : 24 Mar 2022 17:04
Operator : CG/JU
Sample : N2064-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

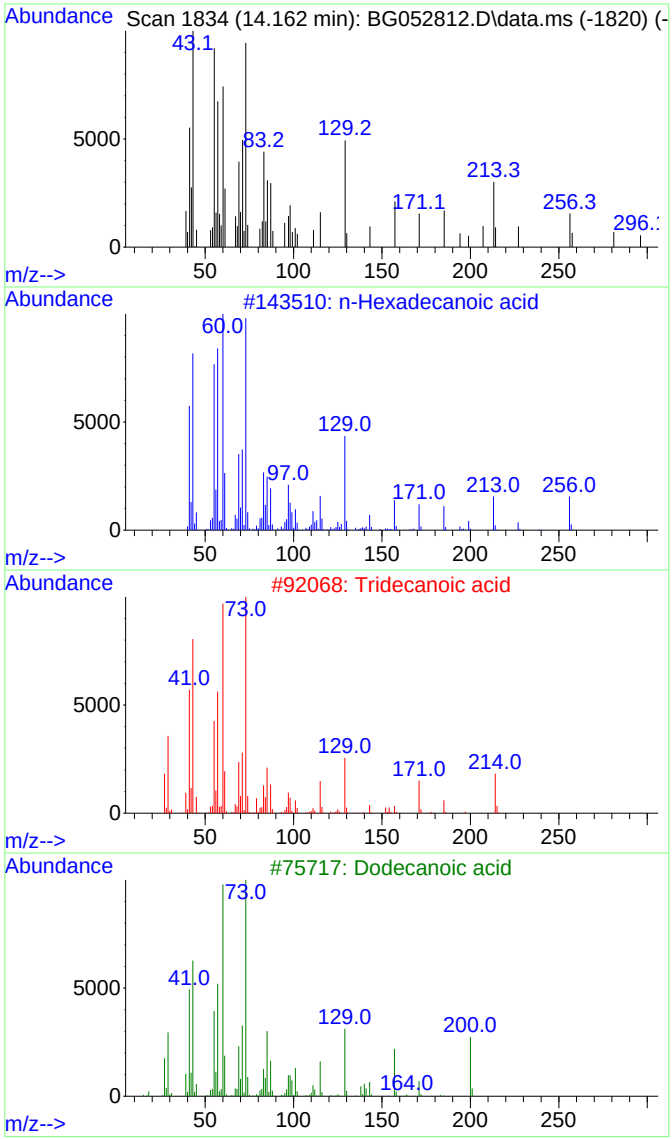
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

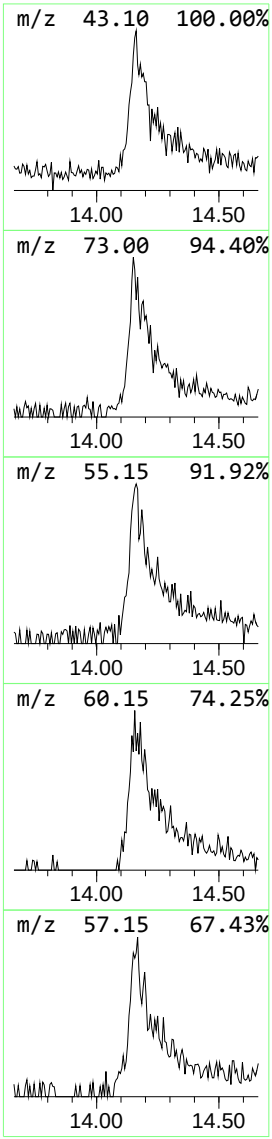
****

Peak Number 1 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.162	4.97 ng	112866	Acenaphthene-d10	14.761

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
2	Tridecanoic acid	214	C13H26O2	000638-53-9	58
3	Dodecanoic acid	200	C12H24O2	000143-07-7	47
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052812.D
Acq On : 24 Mar 2022 17:04
Operator : CG/JU
Sample : N2064-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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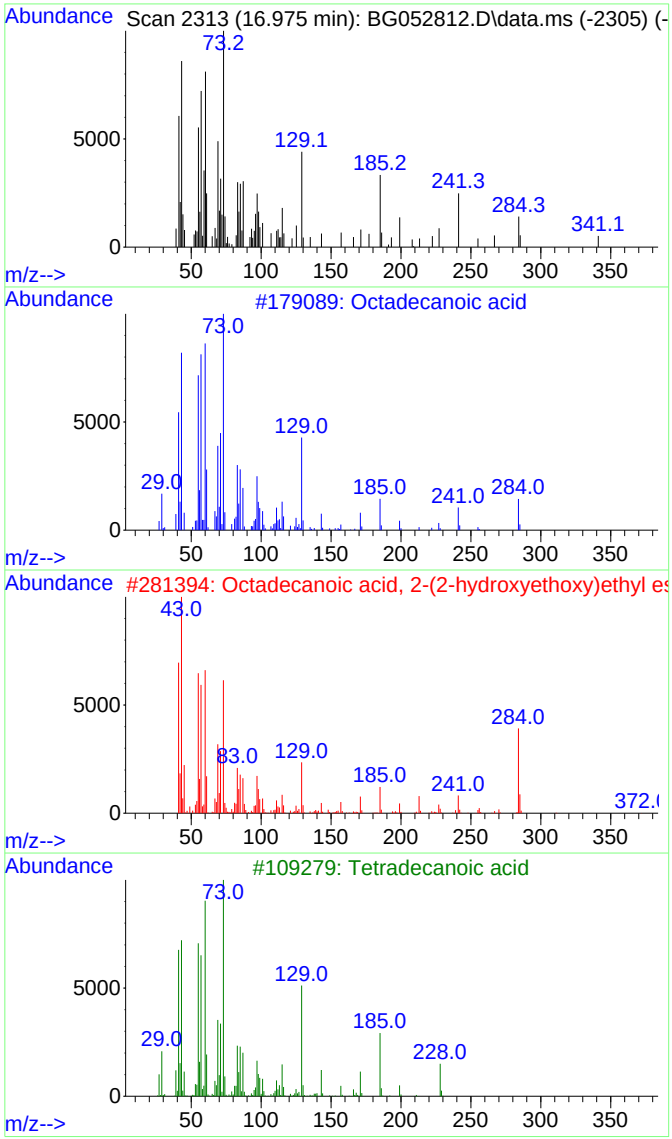
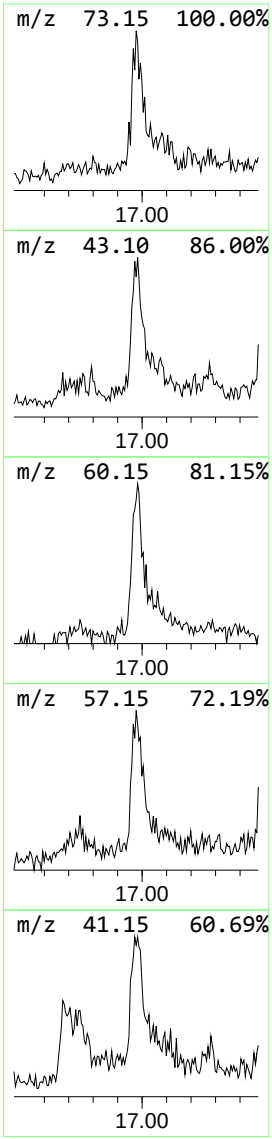
Peak Number 2 Octadecanoic acid, 2-(2-hyd... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	4.45 ng	144067	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052812.D
Acq On : 24 Mar 2022 17:04
Operator : CG/JU
Sample : N2064-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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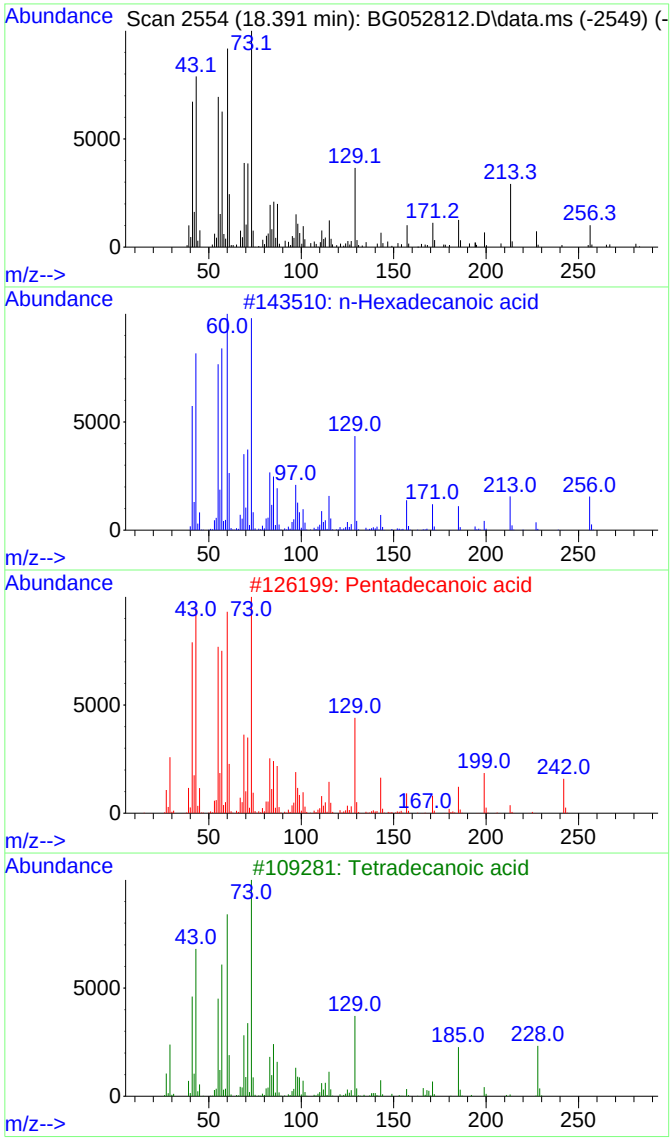
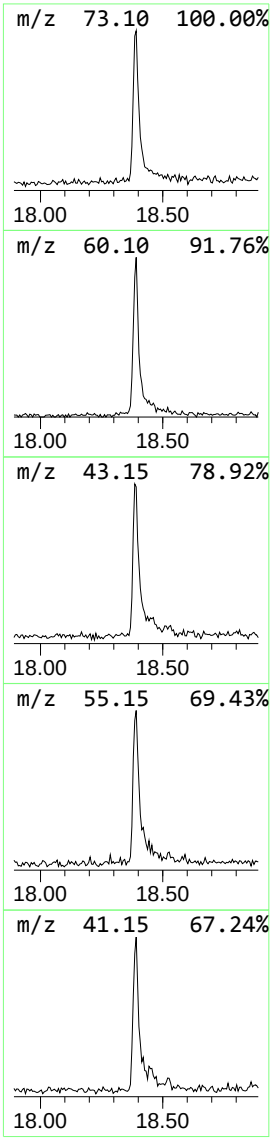
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.391	9.28 ng	300651	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052812.D
Acq On : 24 Mar 2022 17:04
Operator : CG/JU
Sample : N2064-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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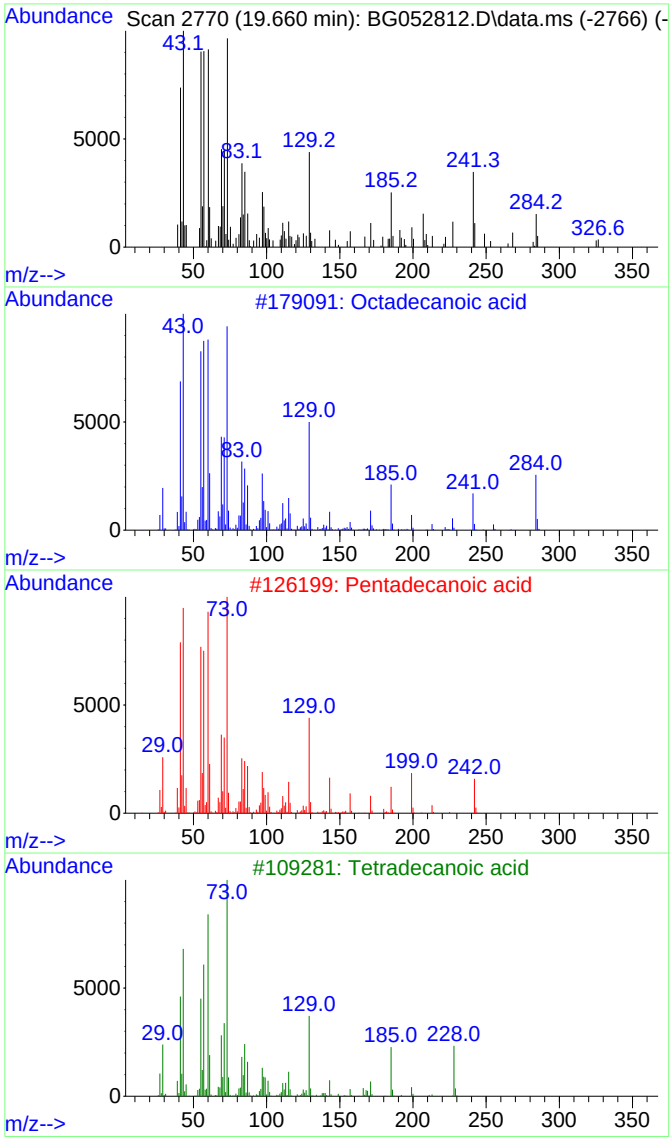
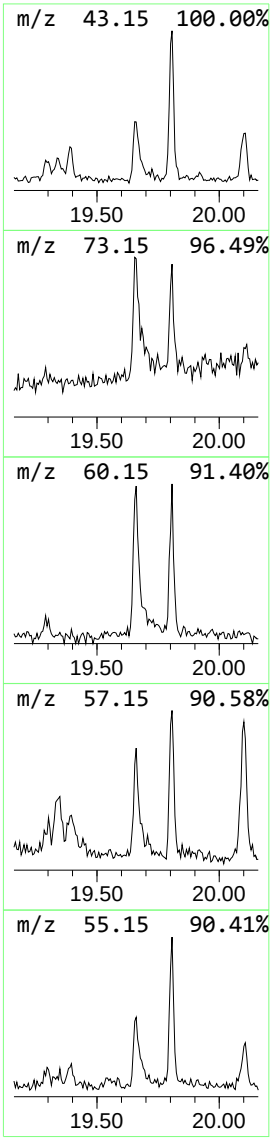
Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.660	4.22 ng	126860	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052812.D
Acq On : 24 Mar 2022 17:04
Operator : CG/JU
Sample : N2064-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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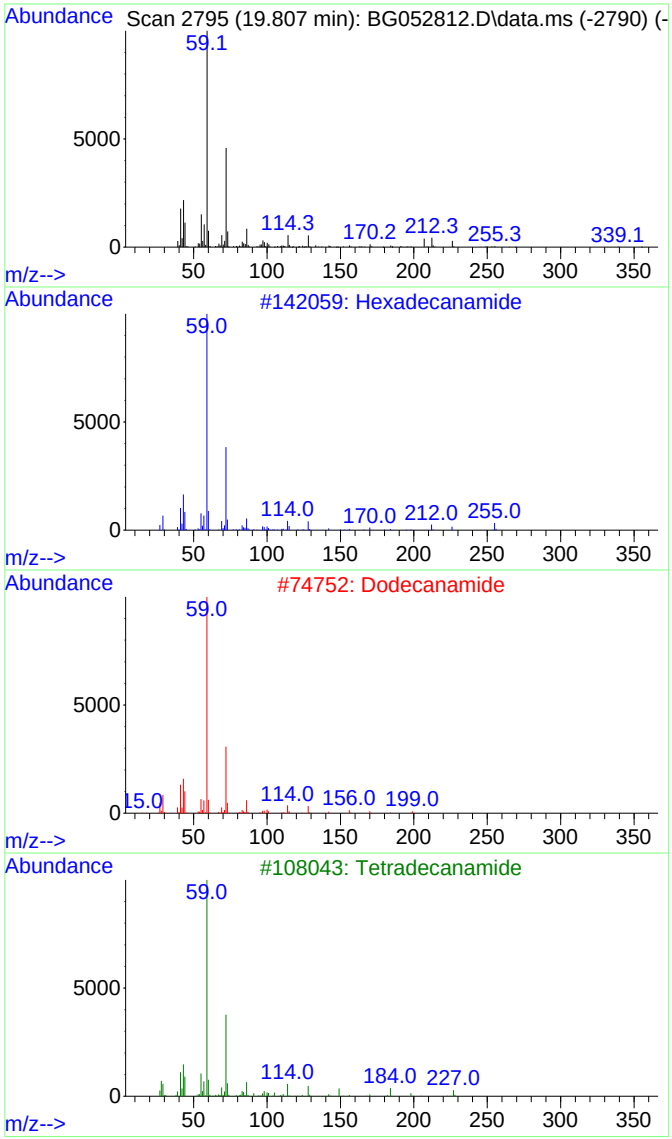
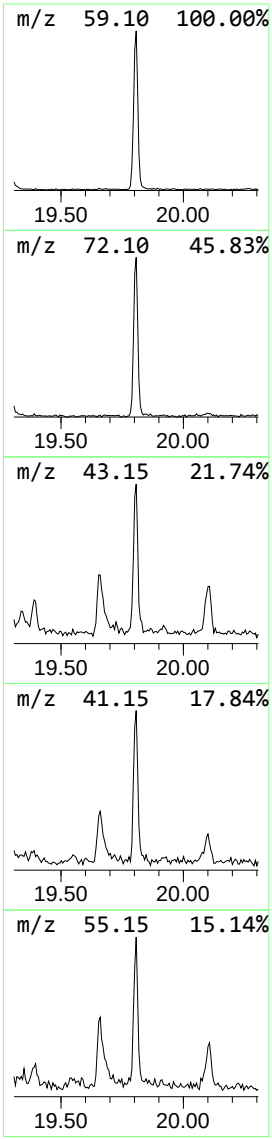
Peak Number 5 Hexadecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.807	8.94 ng	268788	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	91
2	Dodecanamide	199	C12H25NO	001120-16-7	86
3	Tetradecanamide	227	C14H29NO	000638-58-4	86
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	72
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052812.D
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Operator : CG/JU
Sample : N2064-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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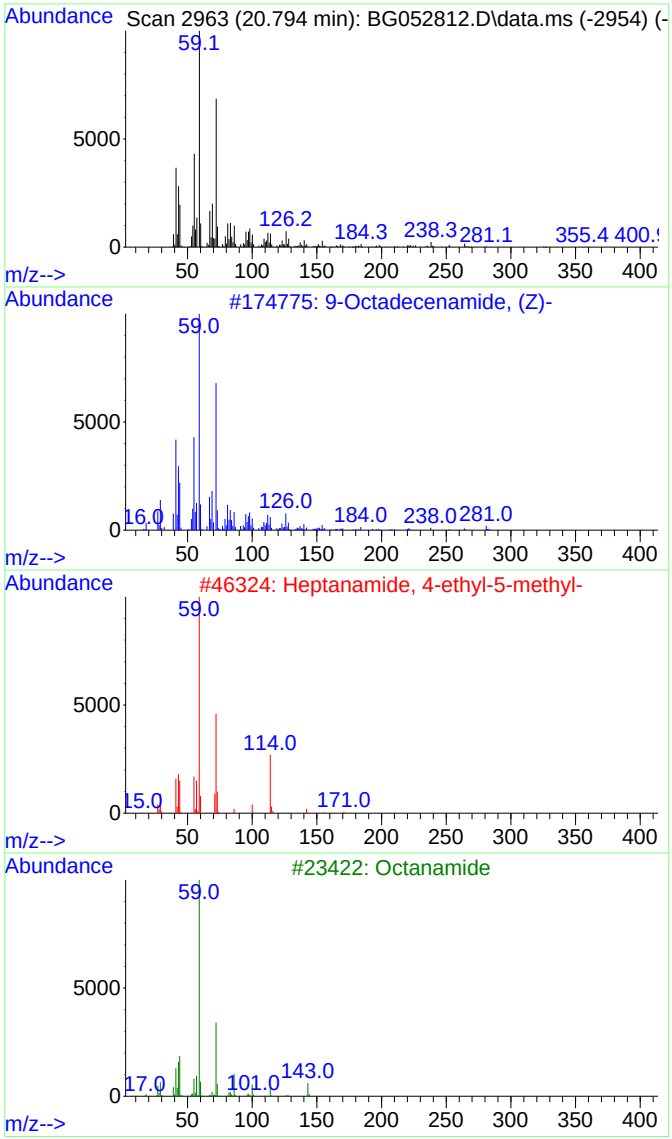
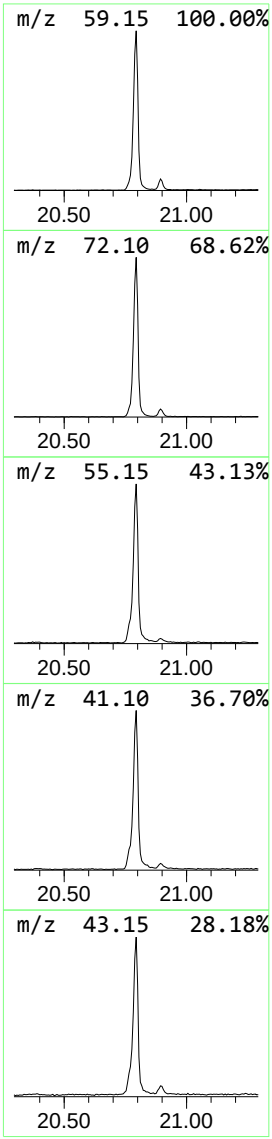
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.794	96.98 ng	2915920	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	78
3	Octanamide	143	C8H17NO	000629-01-6	72
4	Nonanamide	157	C9H19NO	001120-07-6	59
5	Dodecanamide	199	C12H25NO	001120-16-7	59





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Sample : N2064-02
Misc :
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Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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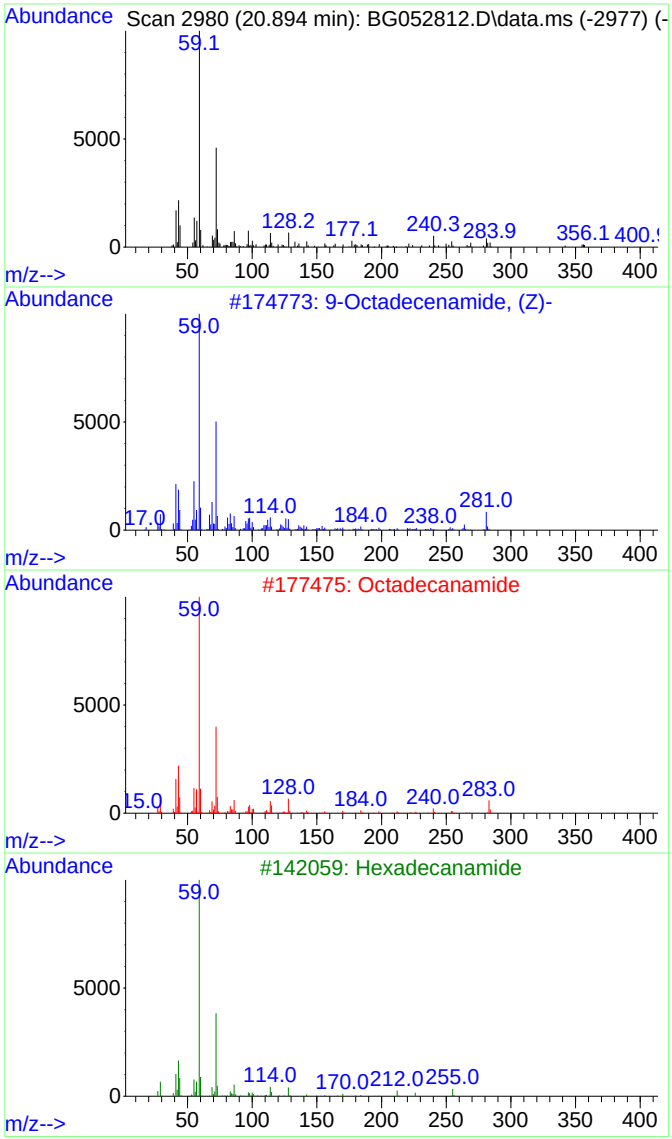
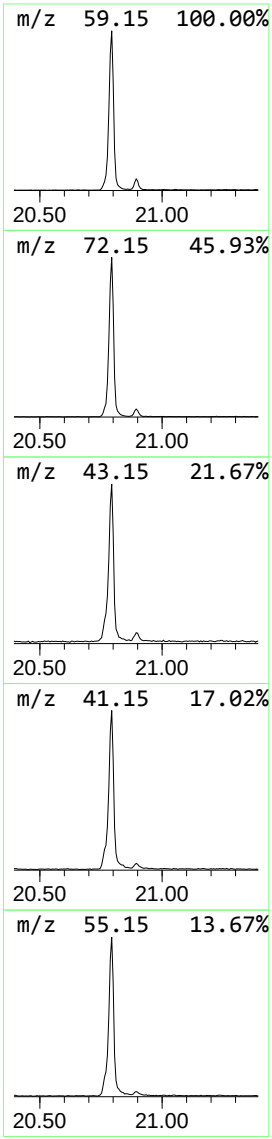
Peak Number 7 Octadecanamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.894	3.37 ng	101257	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	Octadecanamide	283	C18H37NO	000124-26-5	80
3	Hexadecanamide	255	C16H33NO	000629-54-9	80
4	Tetradecanamide	227	C14H29NO	000638-58-4	80
5	Dodecanamide	199	C12H25NO	001120-16-7	80





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Operator : CG/JU
Sample : N2064-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

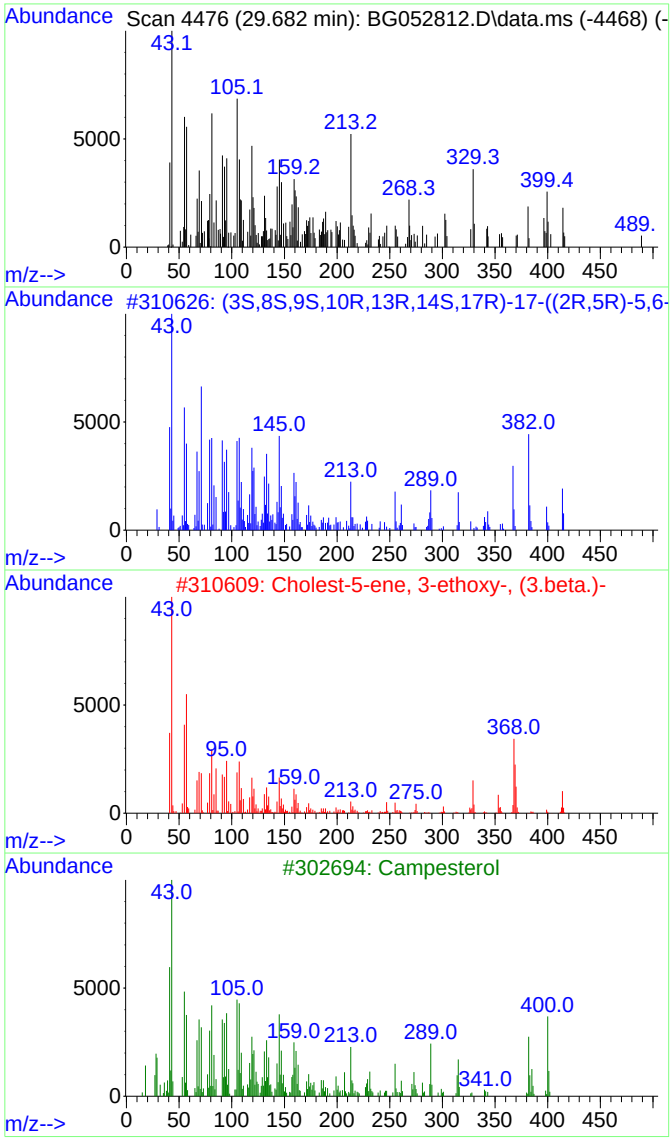
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

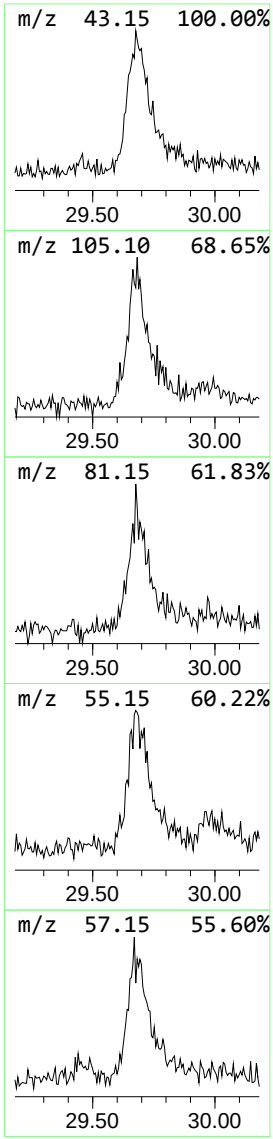
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (3S,8S,9S,10R,13R,14S,17R)-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.682	19.29 ng	583187	Perylene-d12	25.105

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	70
2	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	55
3	Campesterol	400	C28H48O	000474-62-4	46
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	45
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052812.D
Acq On : 24 Mar 2022 17:04
Operator : CG/JU
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Instrument :
BNA_G
ClientSampleId :
20220281-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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 acid	14.162	5.0	ng	112866	3	14.761	453823	20.0
Octadecanoic ac...	16.975	4.5	ng	144067	4	17.504	648182	20.0
n-Hexadecanoic ...	18.391	9.3	ng	300651	4	17.504	648182	20.0
Octadecanoic acid	19.660	4.2	ng	126860	5	21.792	601338	20.0
Hexadecanamide	19.807	8.9	ng	268788	5	21.792	601338	20.0
9-Octadecenamid...	20.794	97.0	ng	2915920	5	21.792	601338	20.0
Octadecanamide	20.894	3.4	ng	101257	5	21.792	601338	20.0
(3S,8S,9S,10R,1...	29.682	19.3	ng	583187	6	25.105	604696	20.0