LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060057.D
Acq On : 16 Dec 2023 6:03
Operator : MA/JU
Sample : 05796-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-04-14-15

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-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060057.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	4	9	14	rVB	228230	292713	2.85%	0.745%
2	5.526	408	415	423	rBV	1642627	2464242	24.02%	6.273%
3	7.112	676	685	694	rBV	1585239	2684778	26.17%	6.834%
4	7.952	821	828	836	rVB	253798	425928	4.15%	1.084%
5	9.116	1017	1026	1033	rBV	965141	1686508	16.44%	4.293%
6	10.761	1298	1306	1313	rBV	359127	641273	6.25%	1.632%
7	13.217	1715	1724	1732	rBV	3190307	4824171	47.02%	12.280%
8	13.493	1763	1771	1778	rBV	1749237	2787705	27.17%	7.096%
9	14.591	1951	1958	1965	rVB	671362	1032790	10.07%	2.629%
10	16.078	2203	2211	2219	rBV	3146094	4777785	46.57%	12.162%
11	17.341	2420	2426	2434	rBV	1032453	1570227	15.31%	3.997%
12	18.234	2572	2578	2584	rBV	483086	702026	6.84%	1.787%
13	19.180	2736	2739	2744	rVB2	159995	194693	1.90%	0.496%
14	19.503	2790	2794	2798	rBV3	190912	264196	2.58%	0.673%
15	19.962	2866	2872	2878	rBV	7899752	10259141	100.00%	26.115%
16	21.260	3090	3093	3100	rVB	299711	414935	4.04%	1.056%
17	21.607	3147	3152	3158	rBV2	1243269	1998979	19.48%	5.088%
18	24.797	3687	3695	3711	rVB	806288	2262548	22.05%	5.759%

Sum of corrected areas: 39284638

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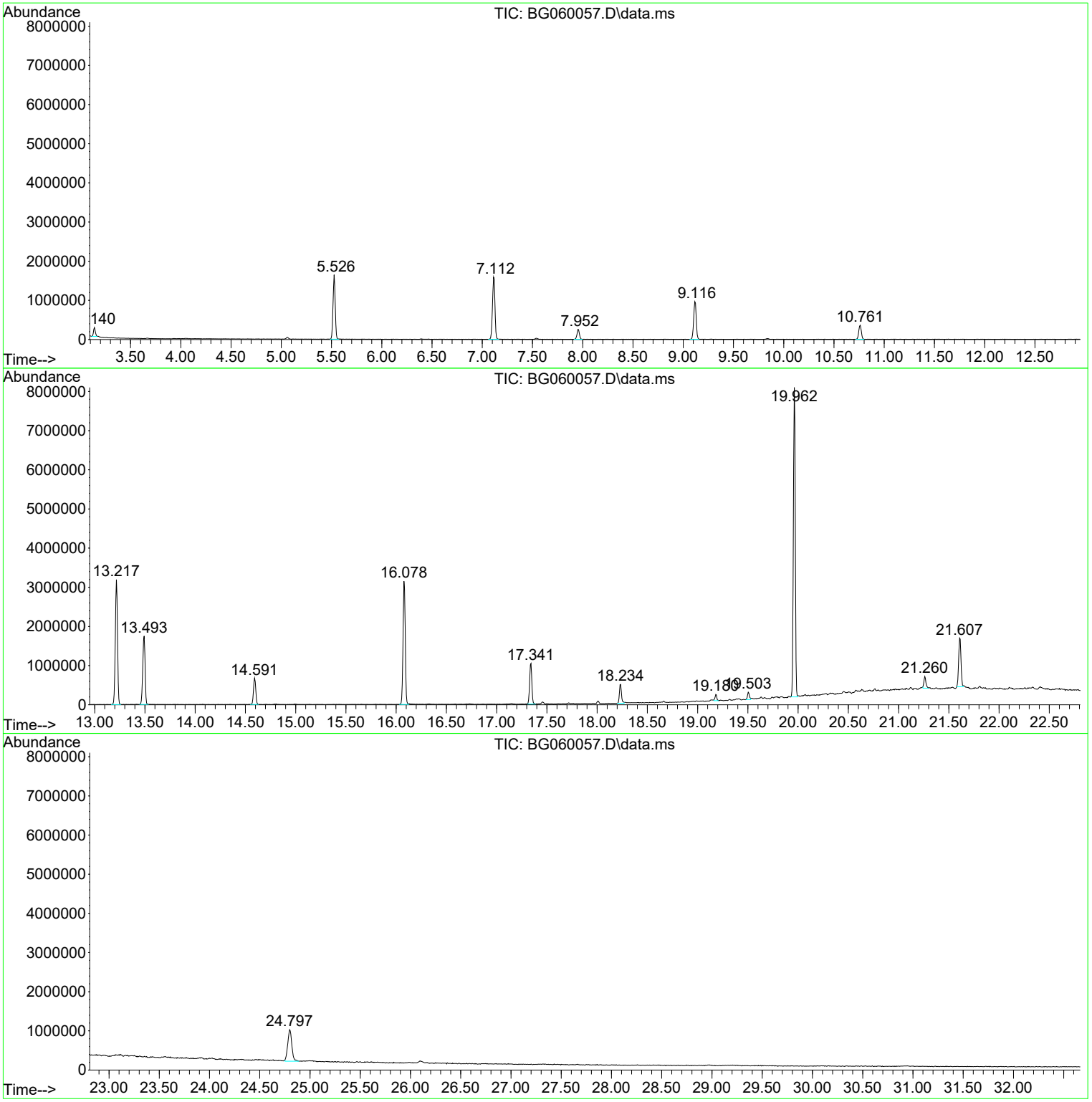
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BG060057.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

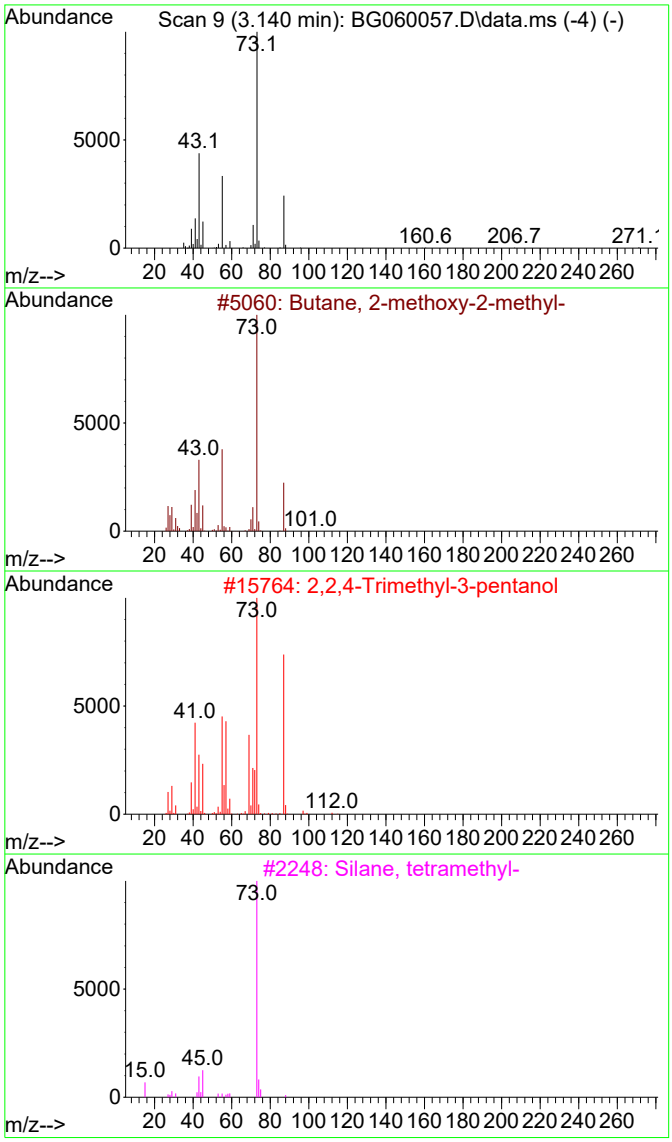
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

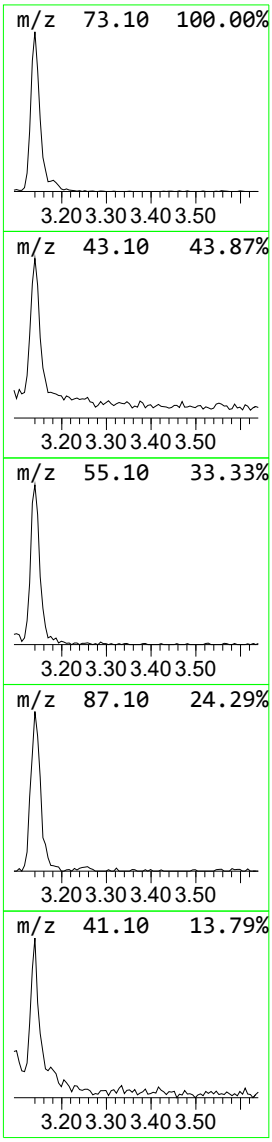
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	13.74 ng	292713	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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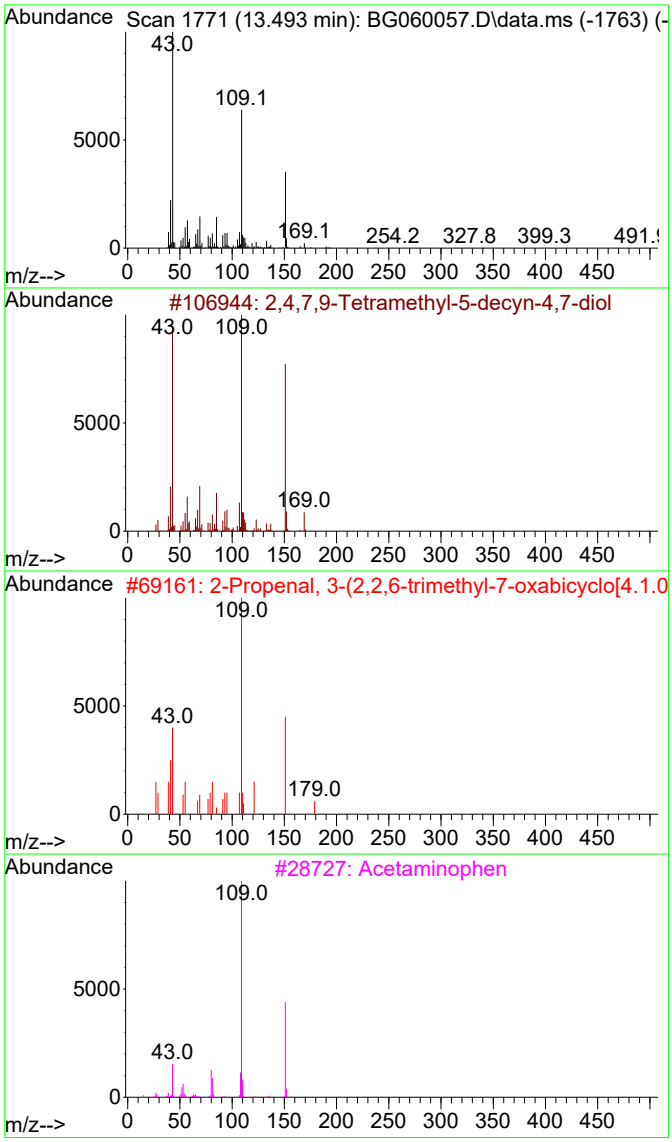
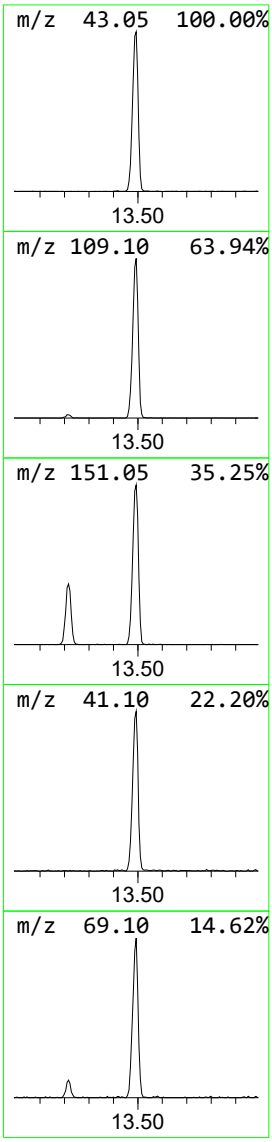
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	53.98 ng	2787710	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	78
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	64
3	Acetaminophen	151	C8H9NO2	000103-90-2	49
4	Metacetamol	151	C8H9NO2	000621-42-1	49
5	4-Amino-2-methylpyrimidine	109	C5H7N3	000074-69-1	38





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ClientSampleId :
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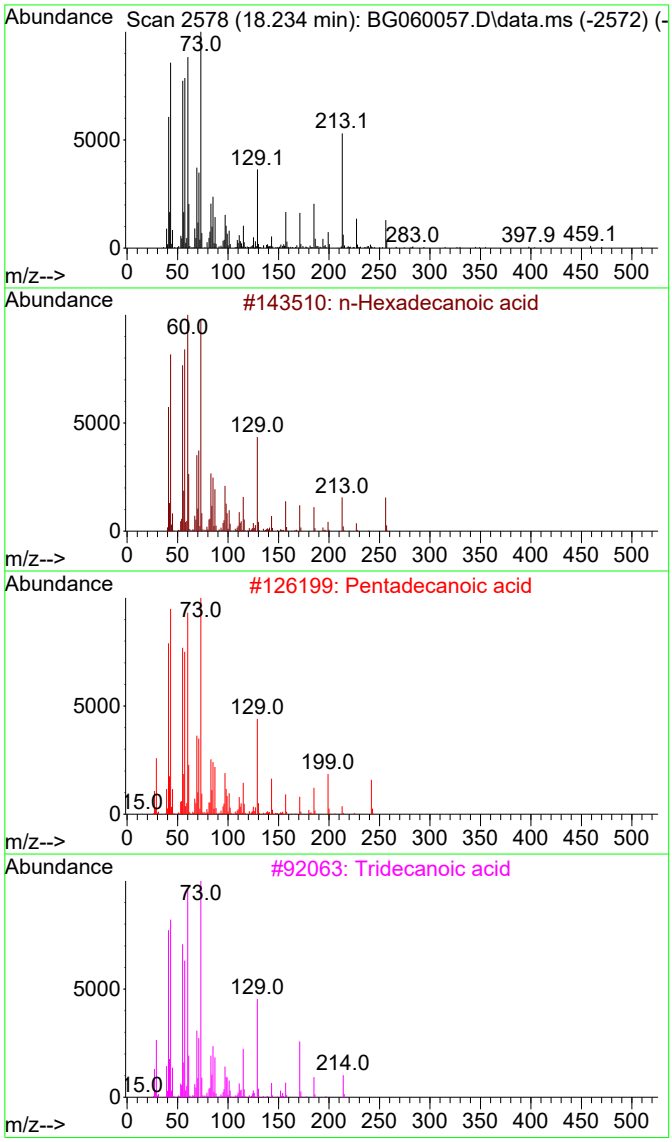
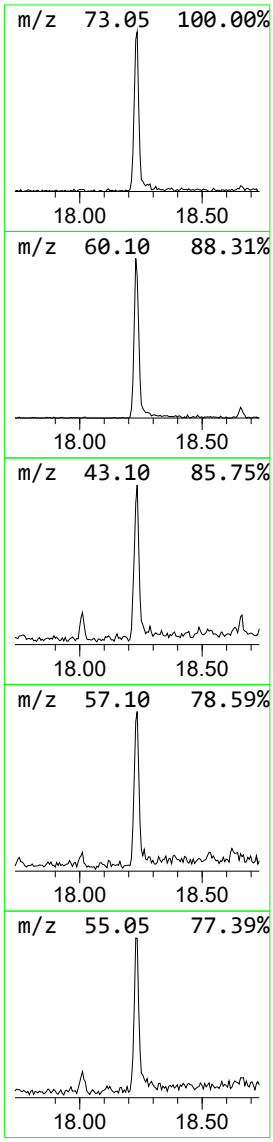
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	8.94 ng	702026	Phenanthrene-d10	17.341

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-04-14-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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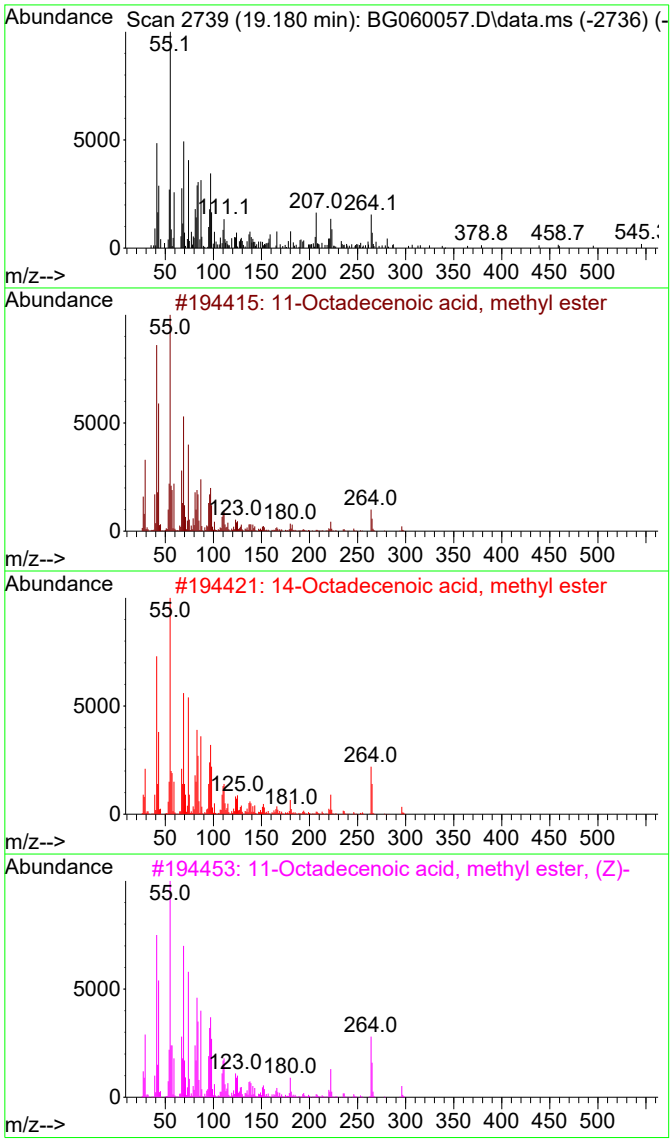
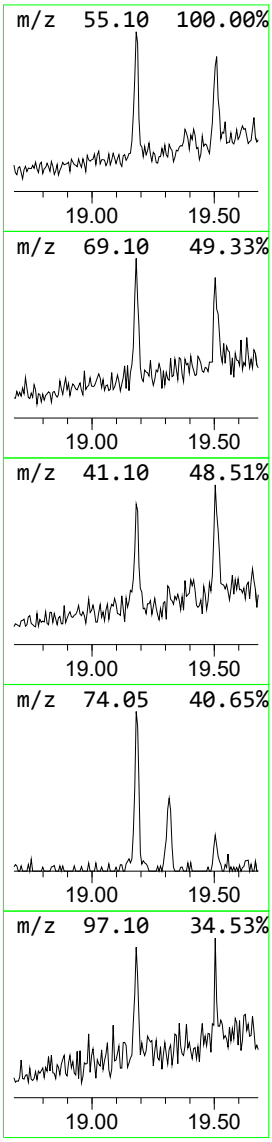
Peak Number 4 11-Octadecenoic acid, methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	2.48 ng	194693	Phenanthrene-d10	17.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	72
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	59
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	59
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	59
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	53





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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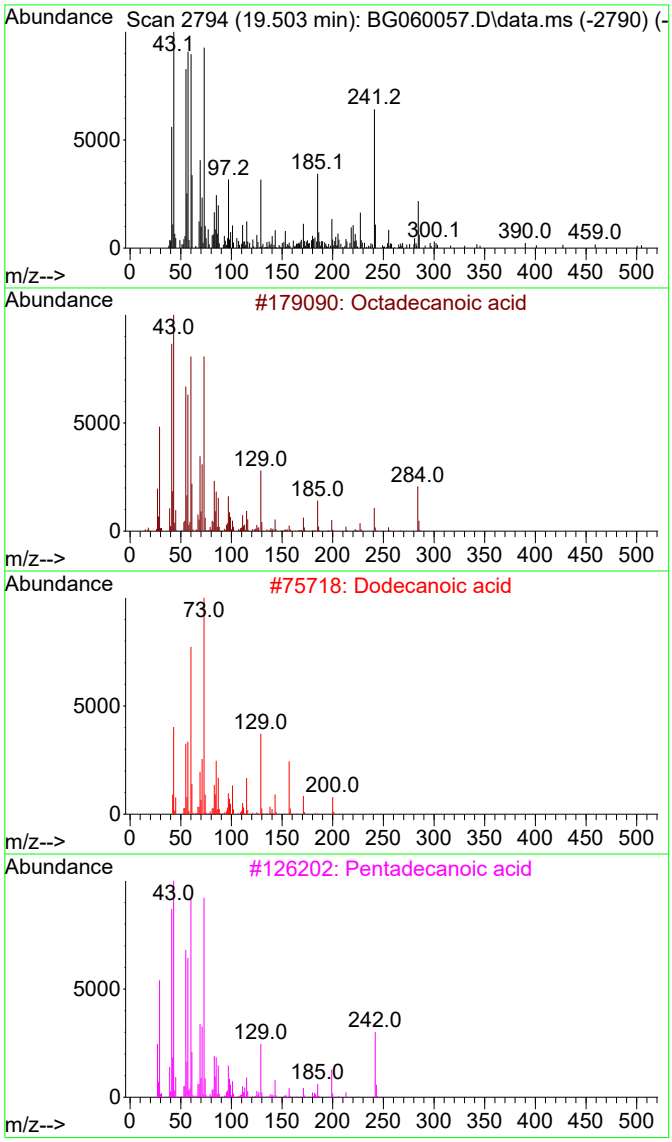
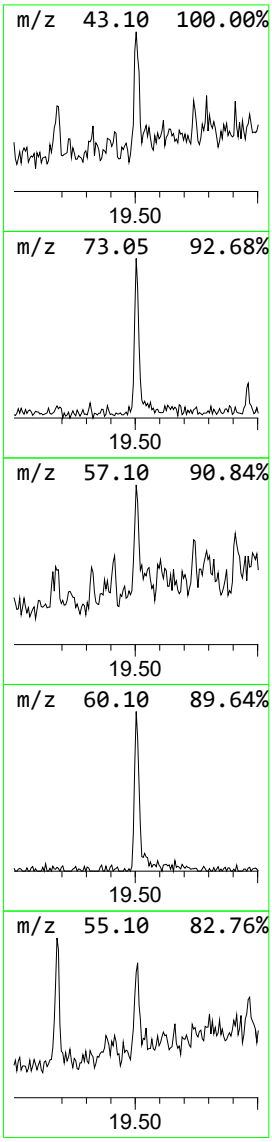
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.503	2.64 ng	264196	Chrysene-d12	21.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2	Dodecanoic acid	200	C12H24O2	000143-07-7	55
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43





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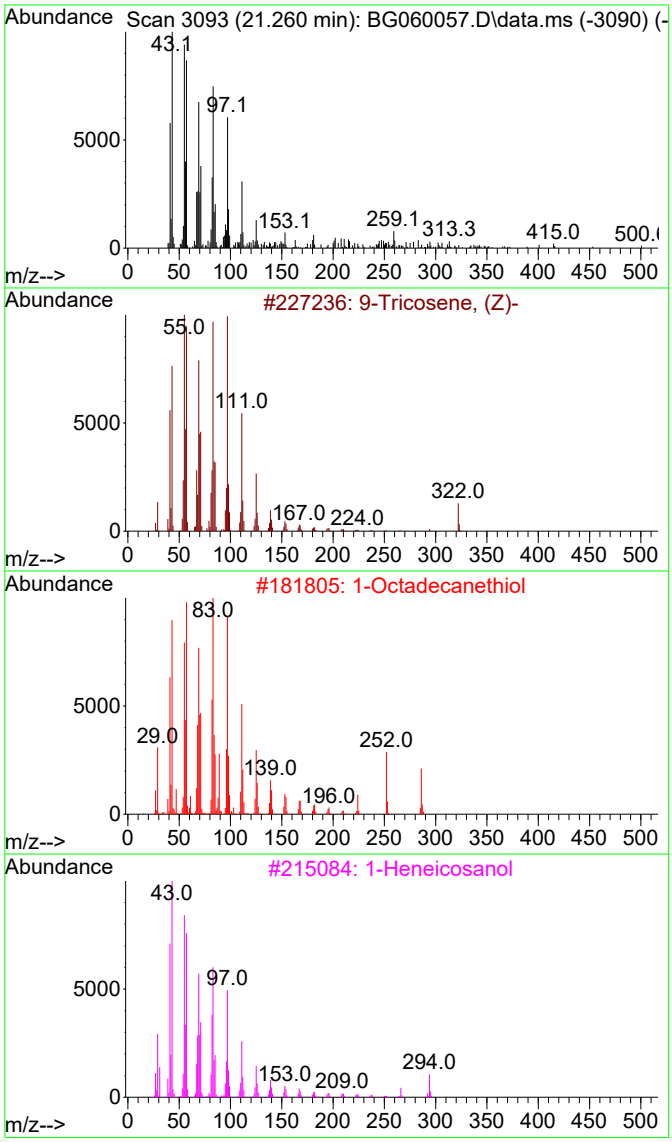
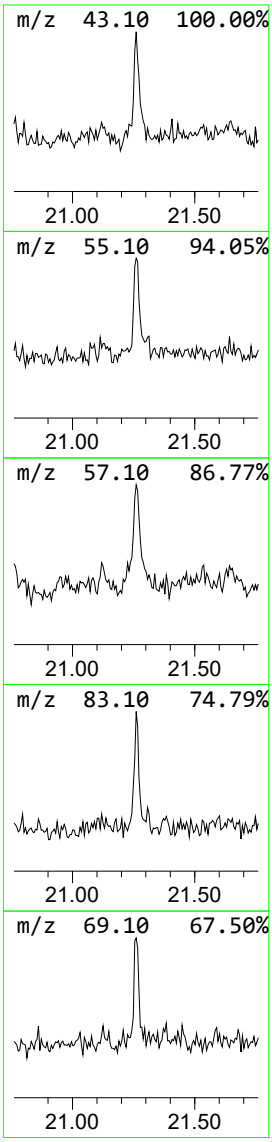
Peak Number 6 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.260	4.15 ng	414935	Chrysene-d12	21.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	1-Octadecanethiol	286	C18H38S	002885-00-9	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	1-Eicosanol	298	C20H42O	000629-96-9	90
5	1-Tricosene	322	C23H46	018835-32-0	90





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.140	13.7	ng	292713	1	7.952	425928	20.0
2,4,7,9-Tetrame...	13.493	54.0	ng	2787710	3	14.592	1032790	20.0
n-Hexadecanoic ...	18.234	8.9	ng	702026	4	17.341	1570230	20.0
11-Octadecenoic...	19.180	2.5	ng	194693	4	17.341	1570230	20.0
Octadecanoic acid	19.503	2.6	ng	264196	5	21.607	1998980	20.0
9-Tricosene, (Z)-	21.260	4.2	ng	414935	5	21.607	1998980	20.0