LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
Data File : BF125674.D
Acq On : 27 Sep 2021 16:18
Operator : JU/CG
Sample : M3938-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-05(6-2.6)

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_F\METHODS\8270-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125674.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	15	23	28	rBV	1654144	2145820	39.35%	5.252%
2	5.510	577	582	585	rBV	4834772	4960359	90.95%	12.141%
3	6.510	746	752	755	rBV	4412105	5107847	93.66%	12.502%
4	6.887	813	816	820	rVB	1516458	1237398	22.69%	3.029%
5	7.445	906	911	914	rBV	3031799	3266494	59.89%	7.995%
6	8.069	1013	1017	1029	rBV	1484834	1270513	23.30%	3.110%
7	8.169	1029	1034	1037	rVV	2032098	1696071	31.10%	4.151%
8	9.245	1211	1217	1220	rBV	6037533	5453753	100.00%	13.348%
9	9.922	1328	1332	1336	rBV	2081634	1776074	32.57%	4.347%
10	10.710	1462	1466	1469	rBV	4175817	3808907	69.84%	9.323%
11	11.410	1581	1585	1588	rBV	1894617	1738287	31.87%	4.255%
12	11.798	1648	1651	1654	rBV	103688	80838	1.48%	0.198%
13	11.933	1670	1674	1685	rBV	450193	439914	8.07%	1.077%
14	12.716	1803	1807	1818	rBV	208446	231999	4.25%	0.568%
15	12.992	1850	1854	1858	rBV	4966458	4840456	88.75%	11.847%
16	13.469	1930	1935	1943	rBV	358138	327745	6.01%	0.802%
17	13.898	2005	2008	2022	rVB3	70672	145979	2.68%	0.357%
18	14.045	2027	2033	2036	rBV	1180849	1185361	21.73%	2.901%
19	14.904	2175	2179	2184	rVB	117171	126249	2.31%	0.309%
20	15.516	2278	2283	2288	rBV	845027	1017039	18.65%	2.489%

Sum of corrected areas: 40857103

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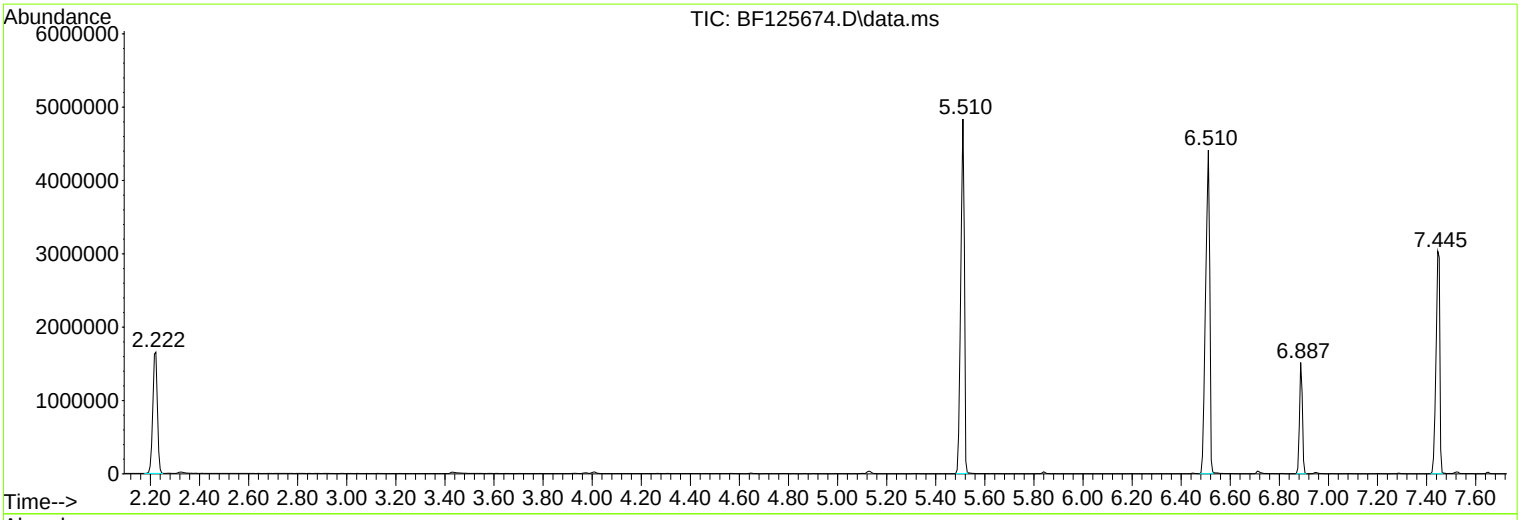
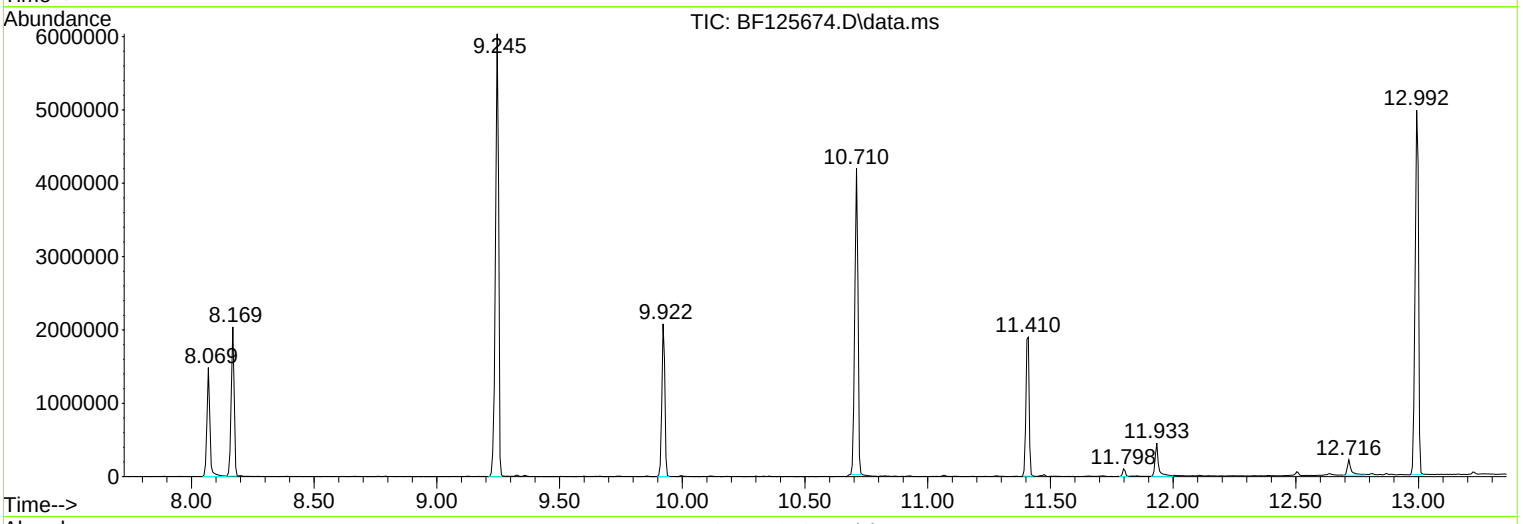
Misc :
ALS Vial : 8 Sample Multiplier: 1

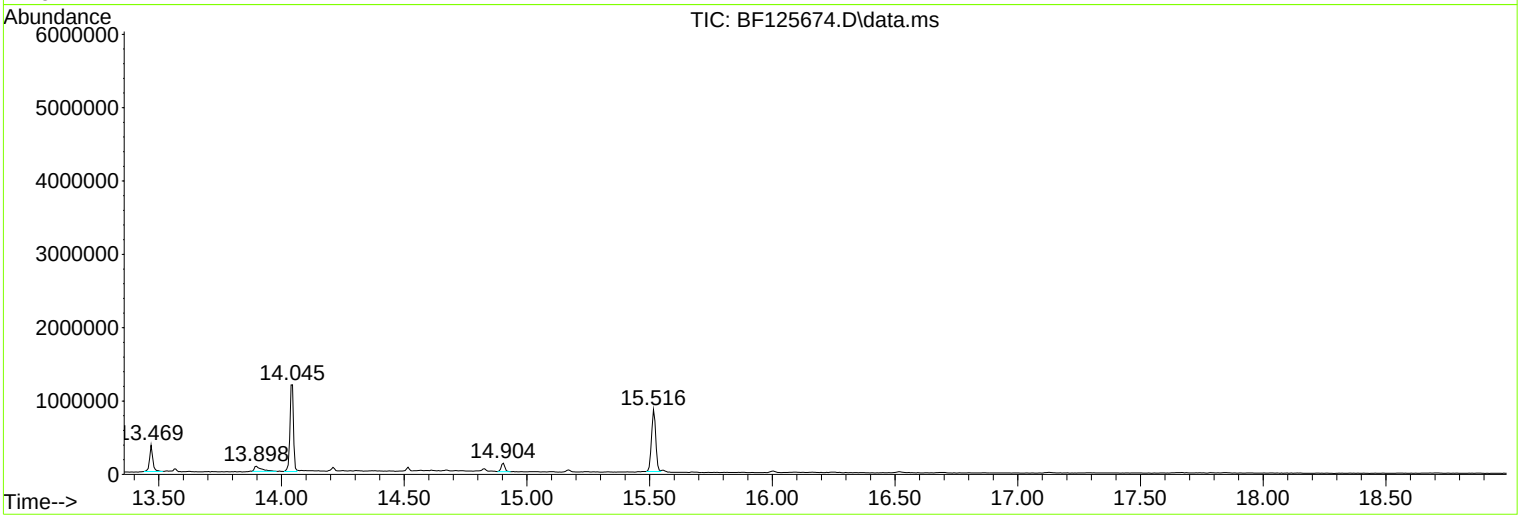
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

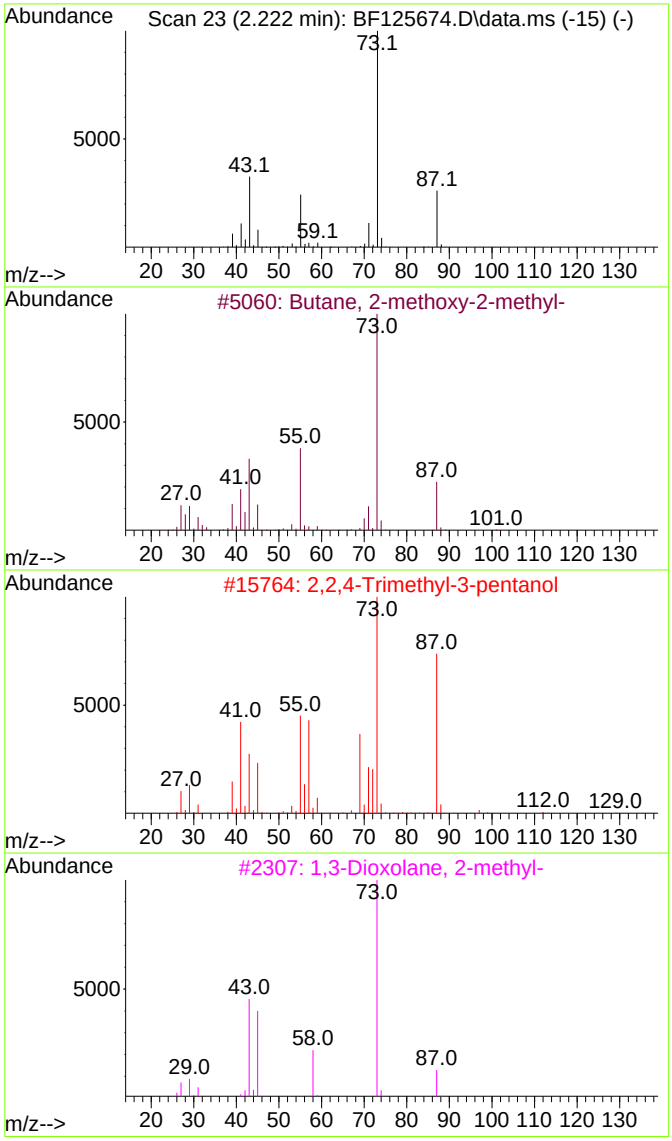
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

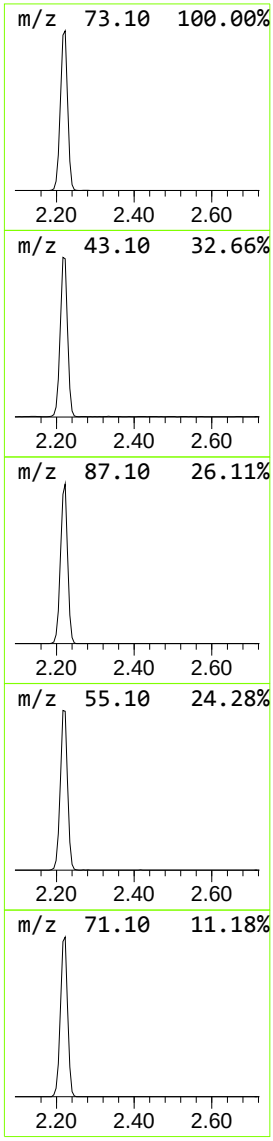
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	34.68 ng	2145820	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Operator : JU/CG
Sample : M3938-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-05(6-2.6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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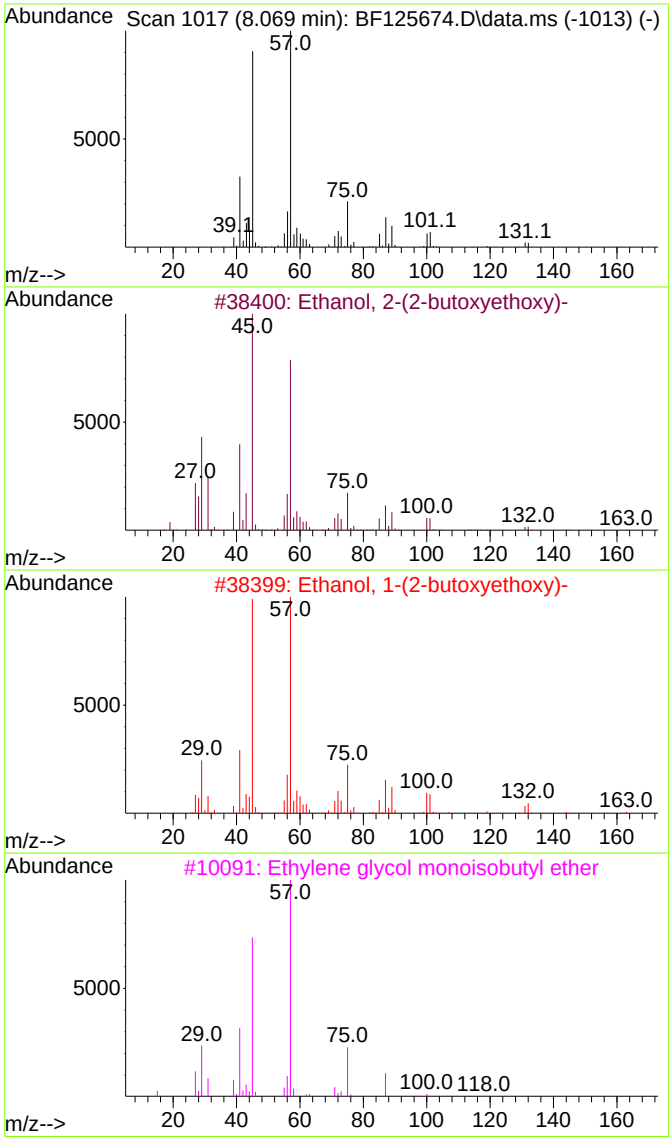
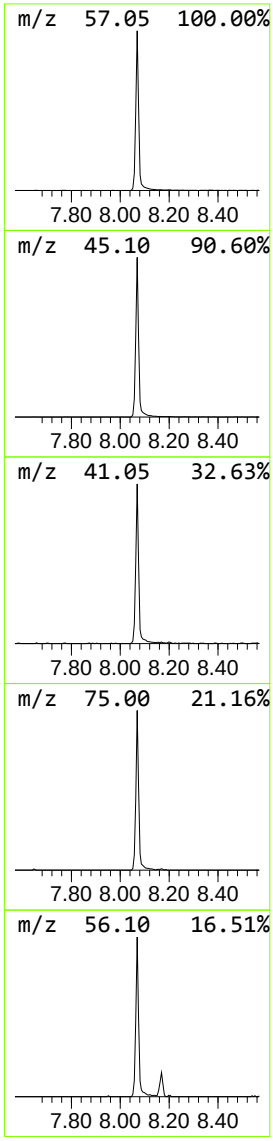
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	14.98 ng	1270510	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





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Data File : BF125674.D
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Operator : JU/CG
Sample : M3938-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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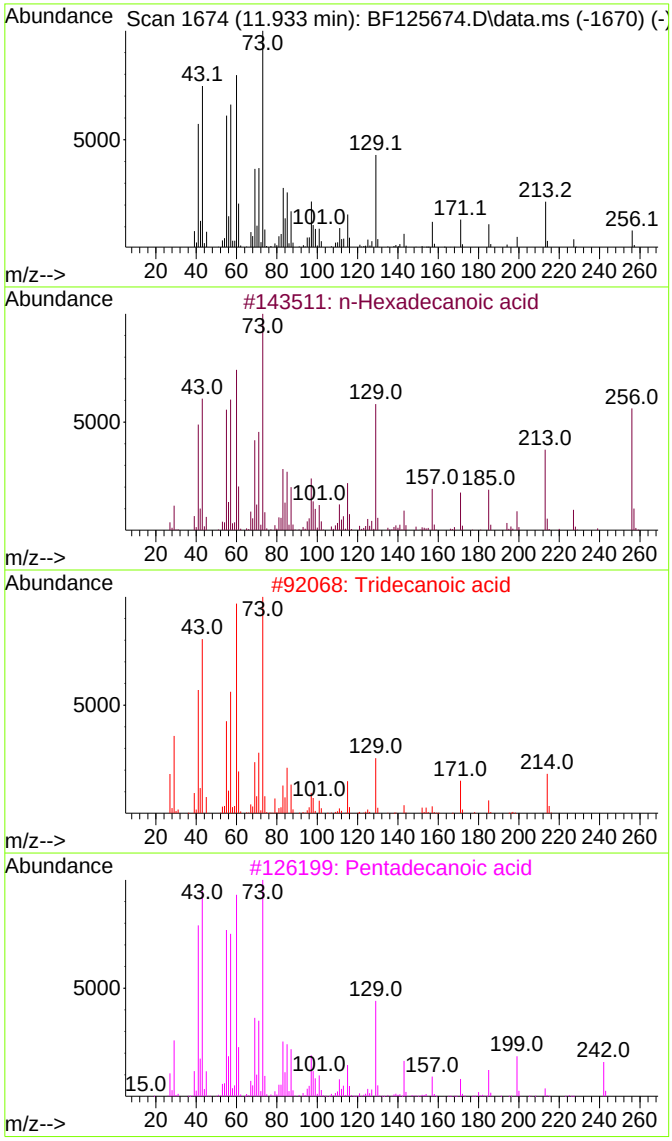
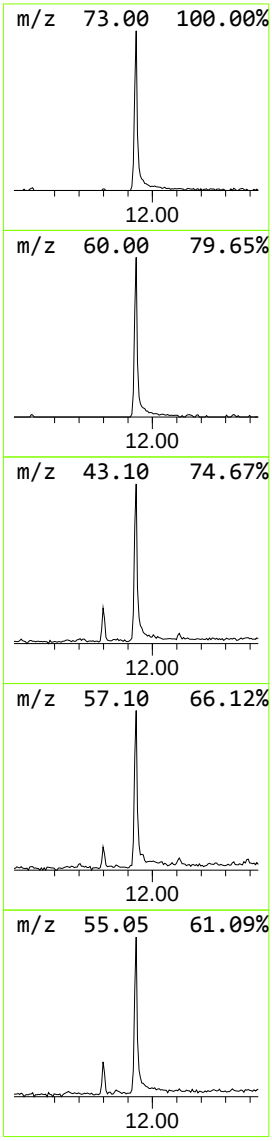
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.06 ng	439914	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Acq On : 27 Sep 2021 16:18
Operator : JU/CG
Sample : M3938-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-05(6-2.6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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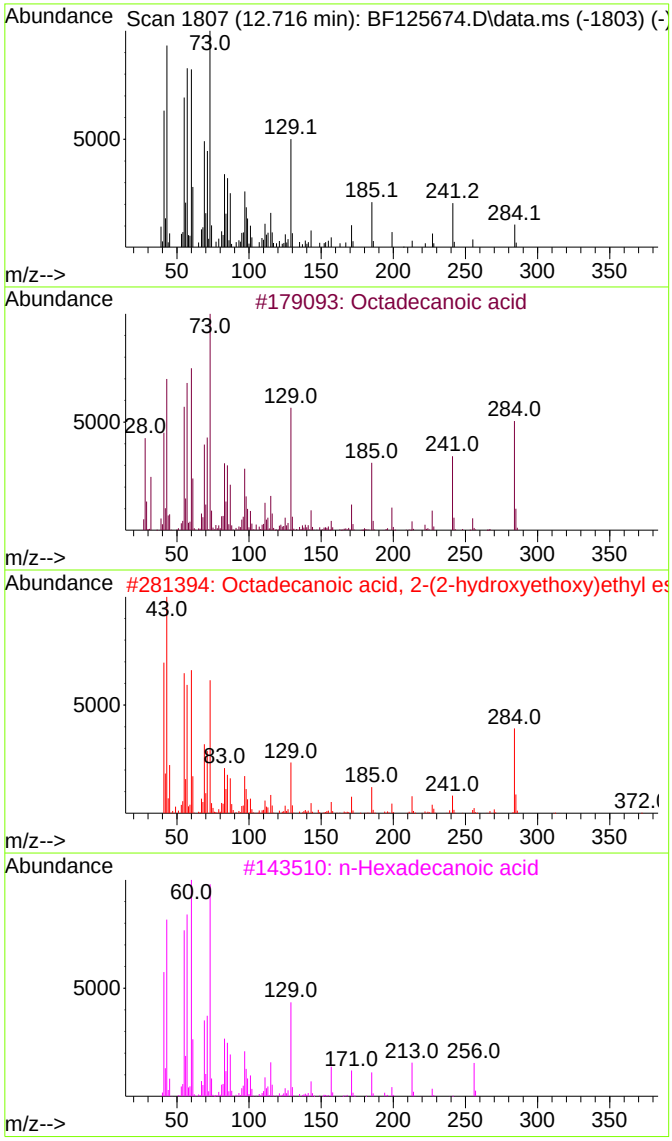
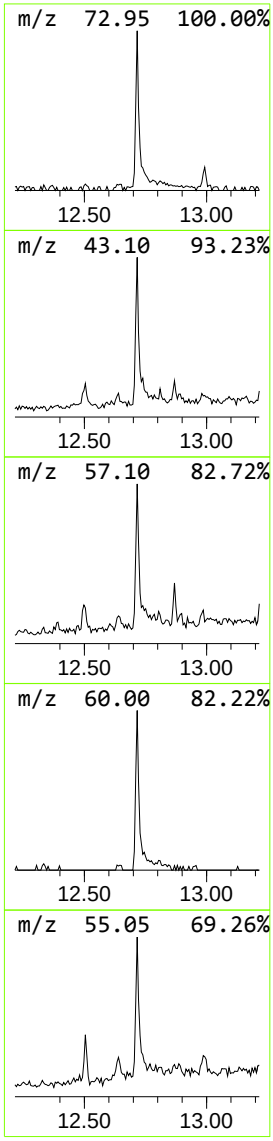
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	2.67 ng	231999	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Sample : M3938-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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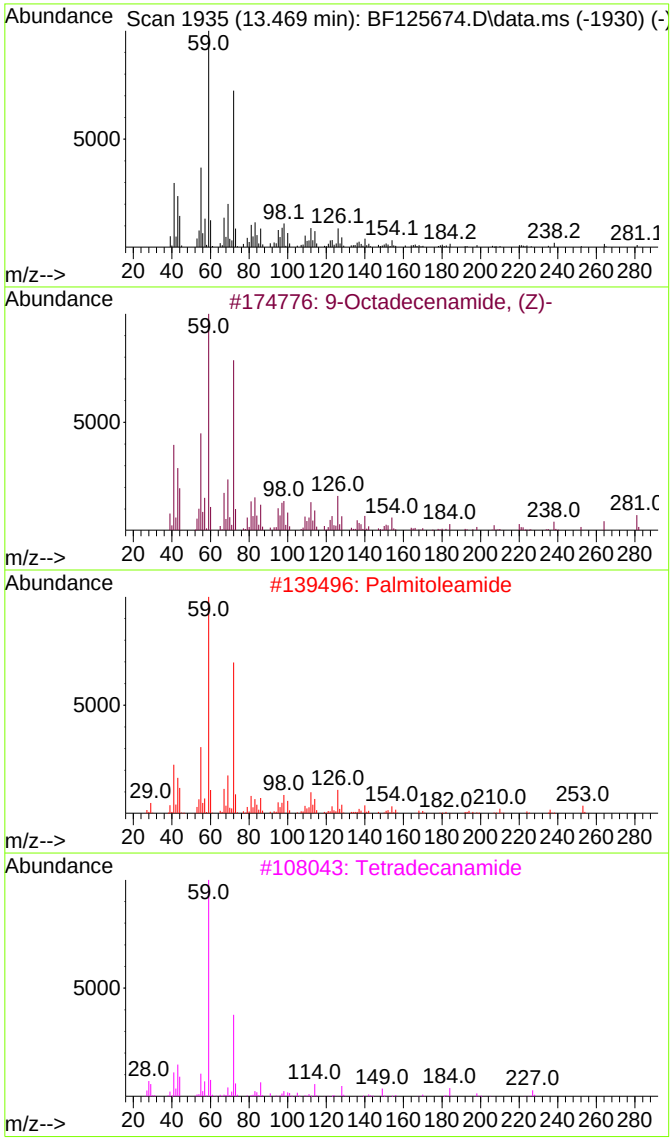
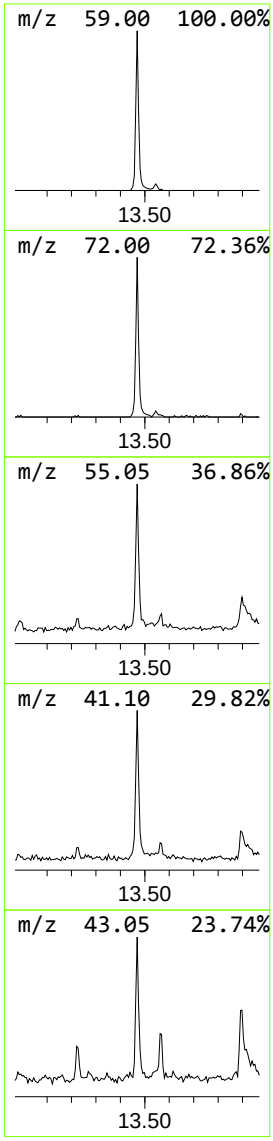
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	5.53 ng	327745	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Palmitoleamide	253	C16H31NO	106010-22-4	78
3	Tetradecanamide	227	C14H29NO	000638-58-4	64
4	Dodecanamide	199	C12H25NO	001120-16-7	53
5	[No name]	252	C14H24N2O2	1000142-12-3	43





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

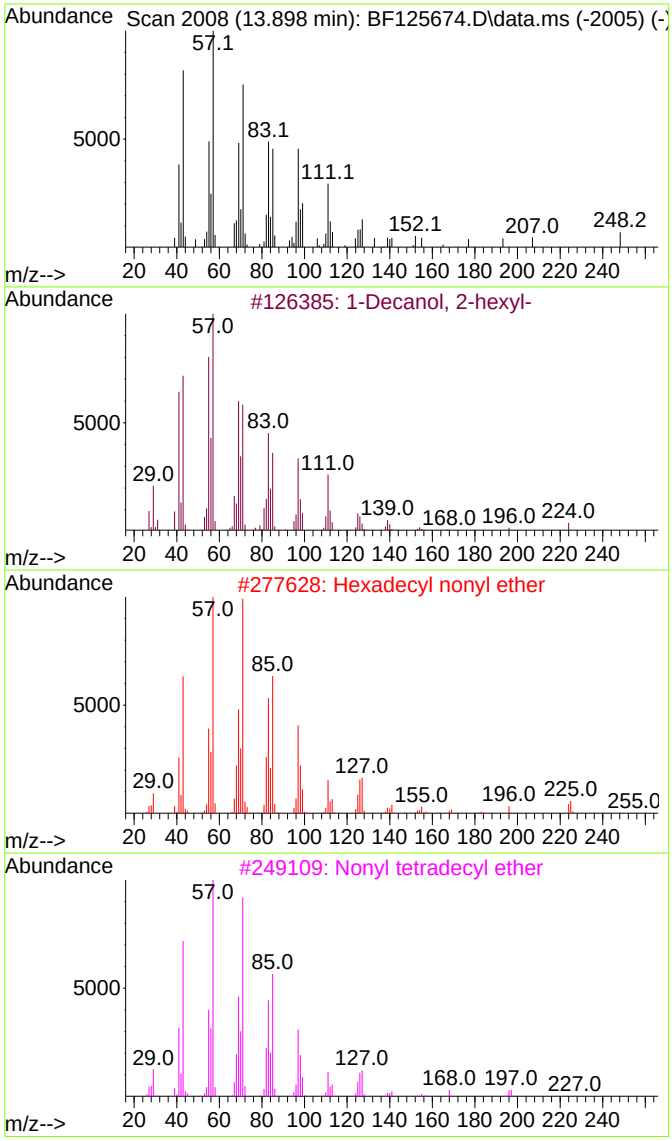
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

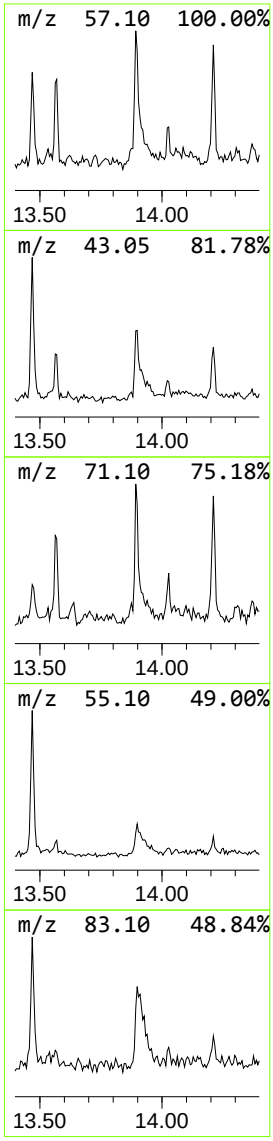
****

Peak Number 6 1-Decanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	2.46 ng	145979	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	86
2	Hexadecyl nonyl ether	368	C25H52O	1000406-37-7	58
3	Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	52
4	Carbonic acid, decyl heptadecyl ...	440	C28H56O3	1000383-16-6	52
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	46





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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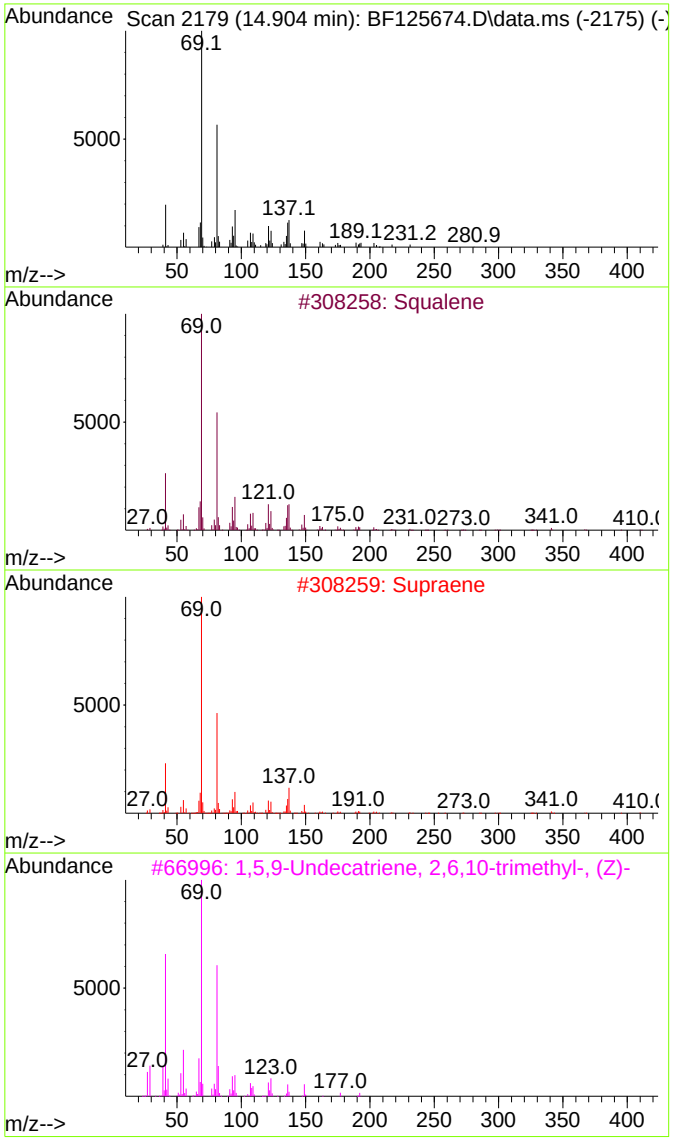
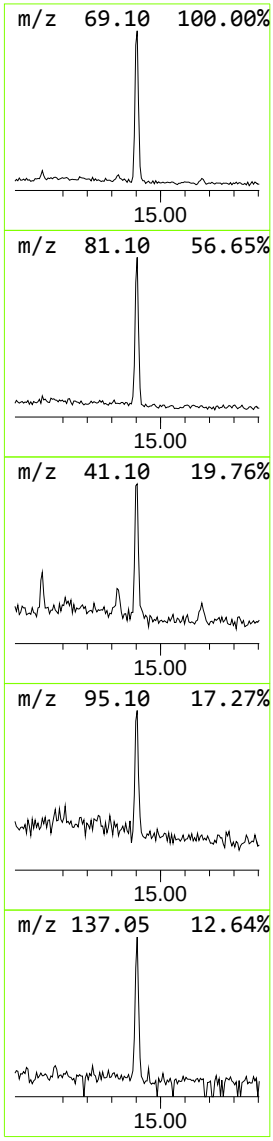
Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	2.48 ng	126249	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
4	trans-Farnesol	222	C15H26O	000106-28-5	59
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	50





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...	2.222	34.7	ng	2145820	1	6.887	1237400	20.0
Ethanol, 2-(2-b...	8.069	15.0	ng	1270510	2	8.169	1696070	20.0
n-Hexadecanoic ...	11.933	5.1	ng	439914	4	11.410	1738290	20.0
Octadecanoic acid	12.716	2.7	ng	231999	4	11.410	1738290	20.0
9-Octadecenamid...	13.469	5.5	ng	327745	5	14.045	1185360	20.0
1-Decanol, 2-he...	13.898	2.5	ng	145979	5	14.045	1185360	20.0
Squalene	14.904	2.5	ng	126249	6	15.515	1017040	20.0