LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087684.D
Acq On : 5 Jun 2016 2:39
Operator : UM/SJ
Sample : H3383-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-WALL-6BGL

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:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.770	11	16	18	rBV	4419023	8564985	100.00%	19.384%
2	1.907	26	28	48	rVB	1885497	4072450	47.55%	9.217%
3	2.158	48	50	67	rVB	104700	258541	3.02%	0.585%
4	5.050	301	303	309	rVB	205741	324094	3.78%	0.733%
5	5.462	335	339	341	rBV	2727772	3316668	38.72%	7.506%
6	6.490	425	429	431	rBV	2694296	3478998	40.62%	7.874%
7	6.627	438	441	443	rBV	3006993	3257252	38.03%	7.372%
8	6.856	459	461	464	rBV	825651	677656	7.91%	1.534%
9	7.016	472	475	477	rBV	2749162	2497108	29.15%	5.651%
10	7.428	507	511	513	rBV	1508265	2240976	26.16%	5.072%
11	8.148	571	574	576	rBV	727384	891115	10.40%	2.017%
12	9.222	665	668	671	rBV	3116189	3357380	39.20%	7.598%
13	9.611	700	702	705	rVB	259323	277931	3.24%	0.629%
14	9.896	724	727	730	rBV	1140740	1017950	11.89%	2.304%
15	10.685	793	796	798	rBV	2166894	2297758	26.83%	5.200%
16	11.382	855	857	859	rVB	939579	1038968	12.13%	2.351%
17	11.839	894	897	901	rBV	96560	114161	1.33%	0.258%
18	11.919	901	904	906	rBV	415274	455034	5.31%	1.030%
19	12.171	924	926	928	rVB	114331	96565	1.13%	0.219%
20	12.617	960	965	970	rBV	57098	104660	1.22%	0.237%
21	12.697	970	972	979	rVV	125097	163718	1.91%	0.371%
22	12.971	993	996	998	rBV	3104159	3345355	39.06%	7.571%
23	14.011	1084	1087	1089	rBV	1007671	978128	11.42%	2.214%
24	14.868	1160	1162	1165	rBV	619125	625889	7.31%	1.417%
25	15.440	1209	1212	1215	rBV	582035	731569	8.54%	1.656%

Sum of corrected areas: 44184909

LSC Report - Integrated Chromatogram

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Misc :
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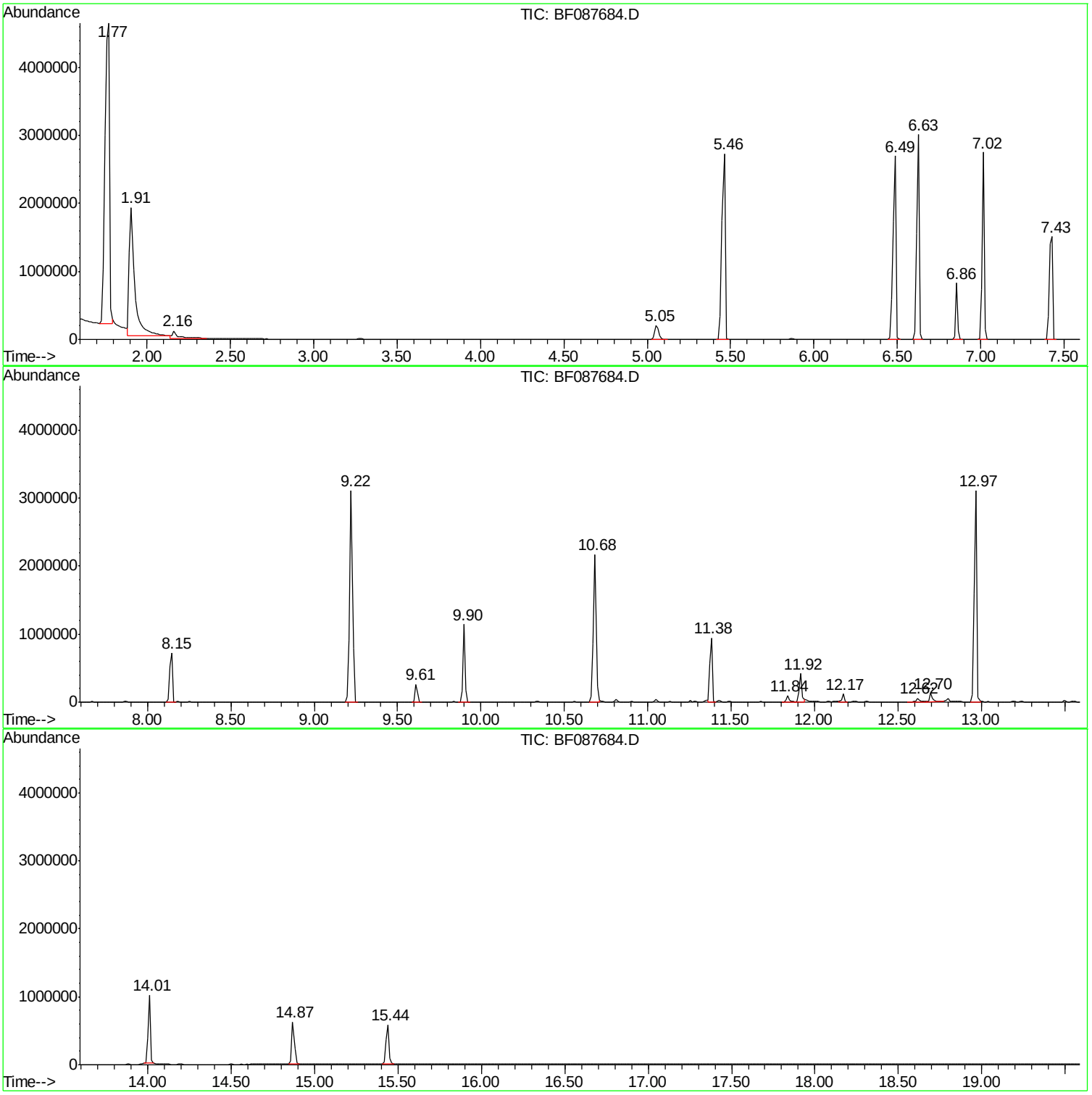
Instrument :
BNA_F
ClientSampleId :
NORTH-WALL-6BGL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

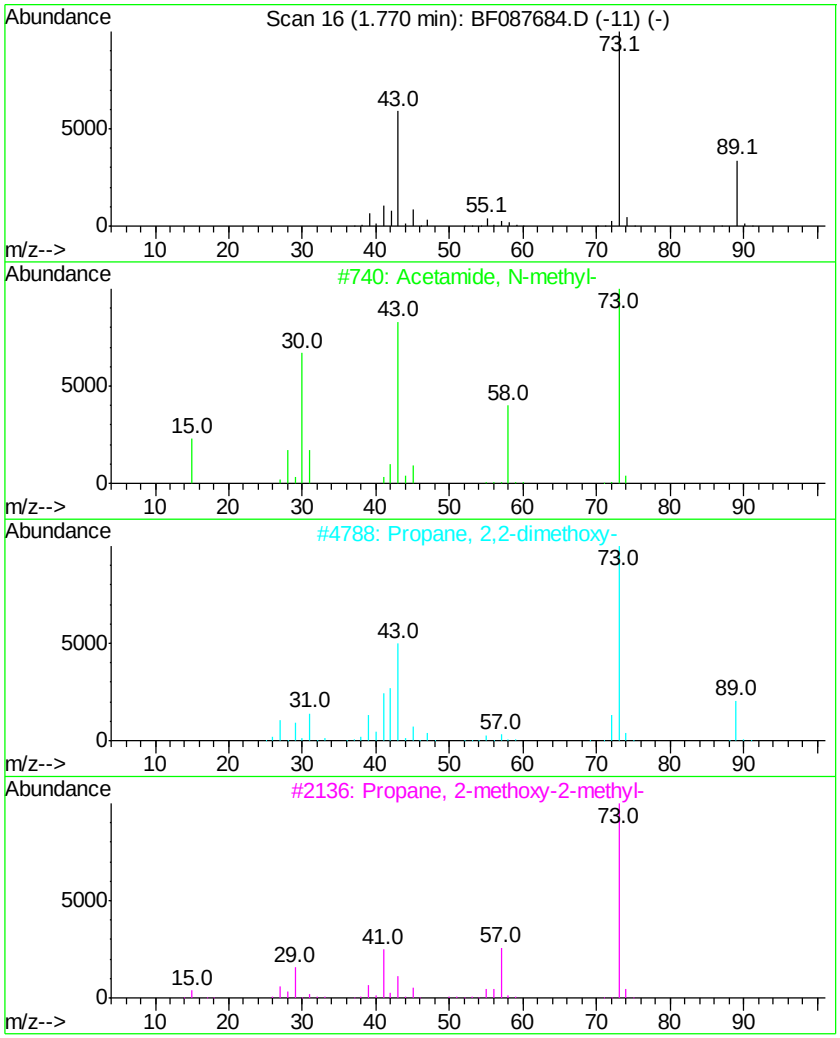
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

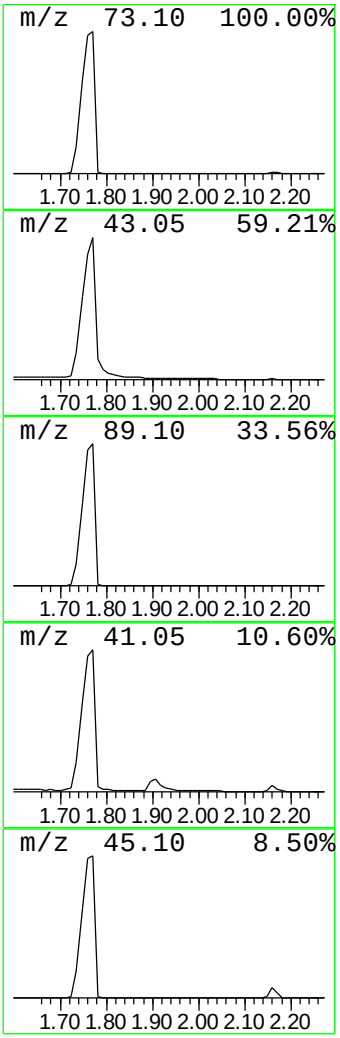
****

Peak Number 1 unknown1.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	252.78 ng	8564990	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	43
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	17
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : H3383-02
Misc :
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Instrument : BNA_F
ClientSampleId : NORTH-WALL-6BGL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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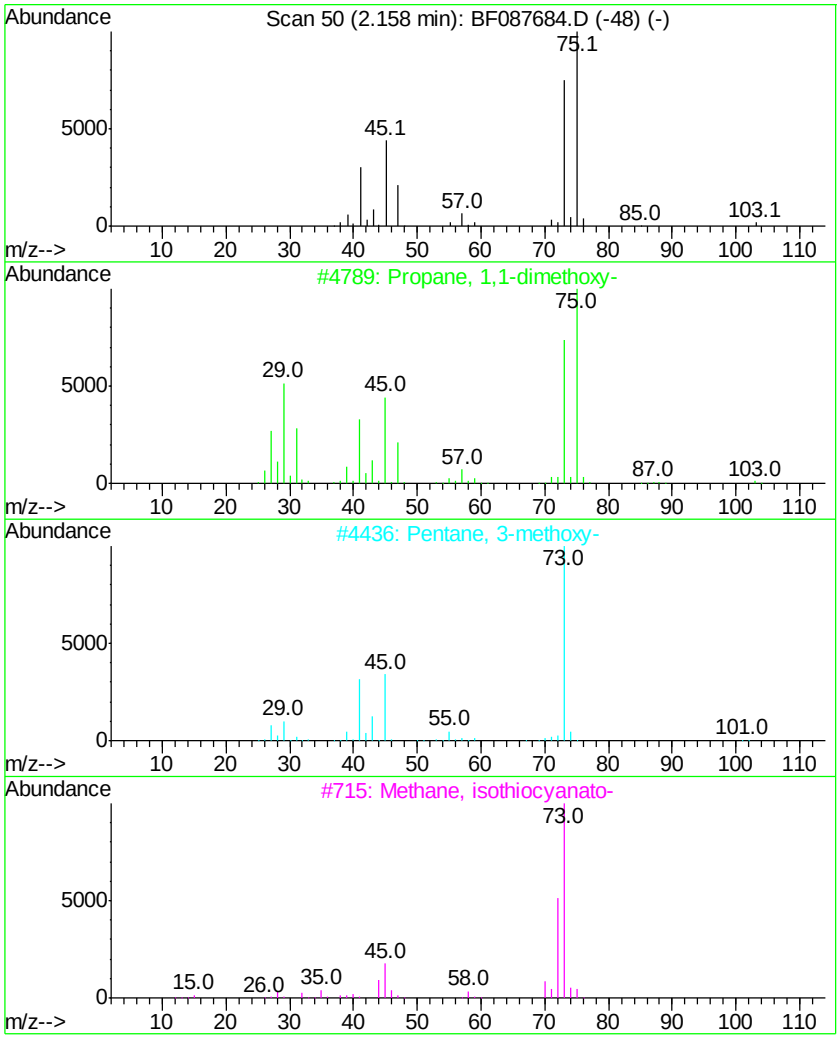
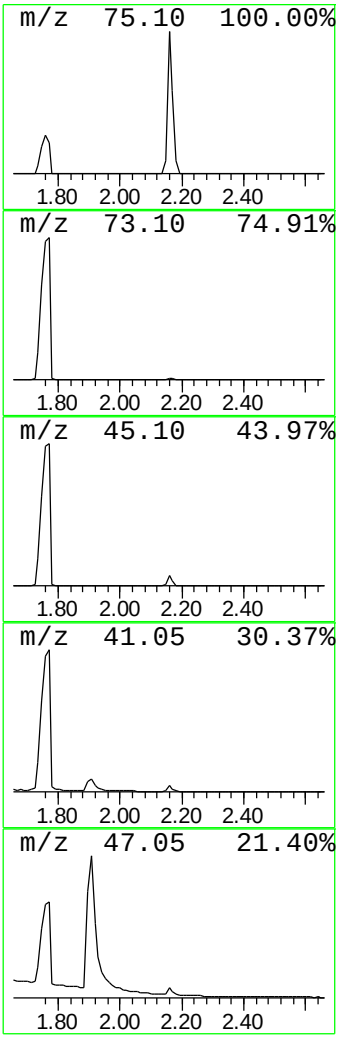
****

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	7.63 ng	258541	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	16
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	9
5	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	9





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Sample : H3383-02
Misc :
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Instrument : BNA_F
ClientSampleId : NORTH-WALL-6BGL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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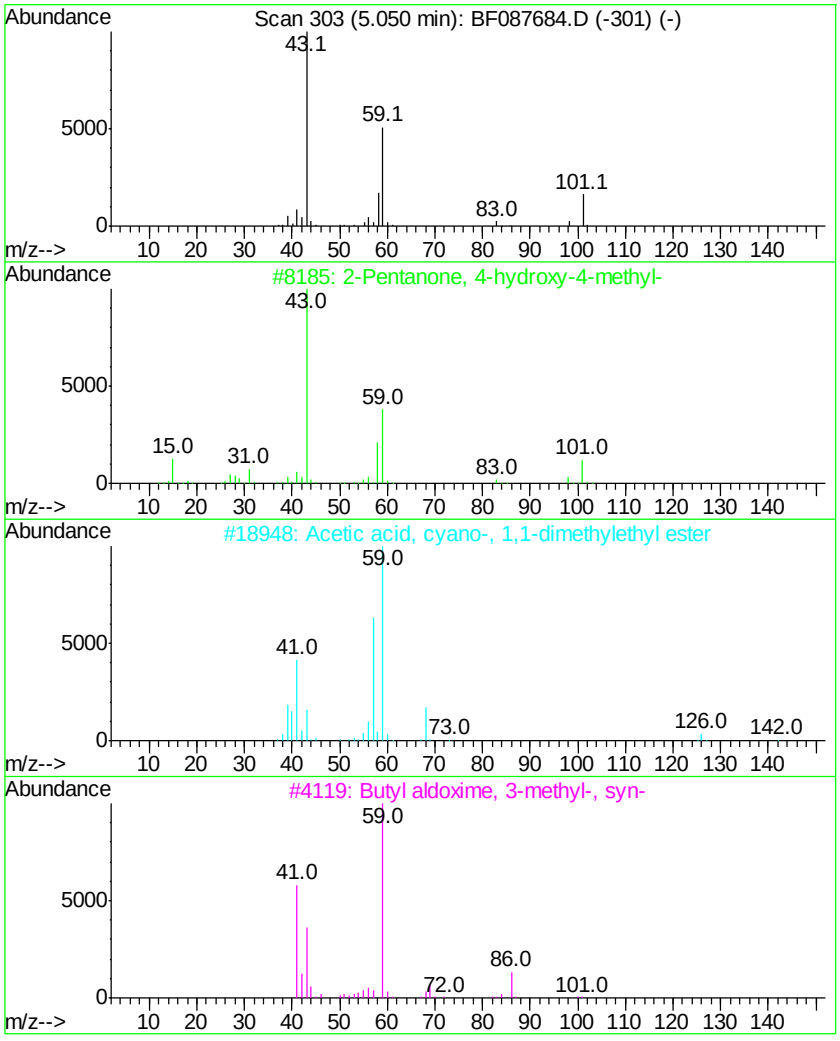
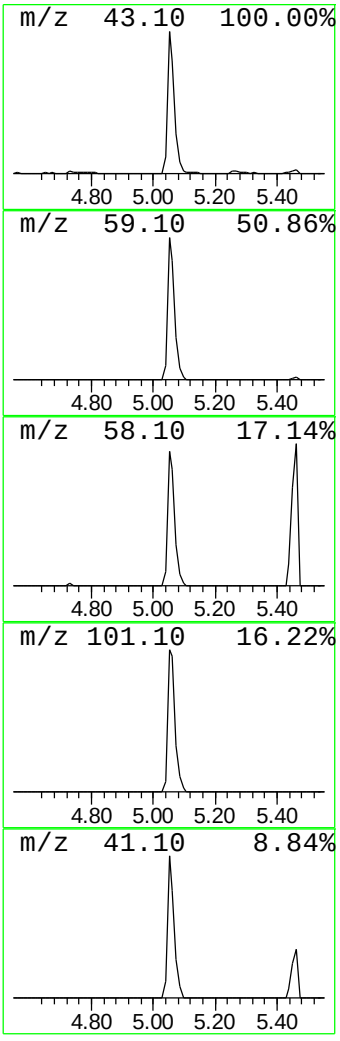
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	9.57 ng	324094	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Instrument : BNA_F
ClientSampleId : NORTH-WALL-6BGL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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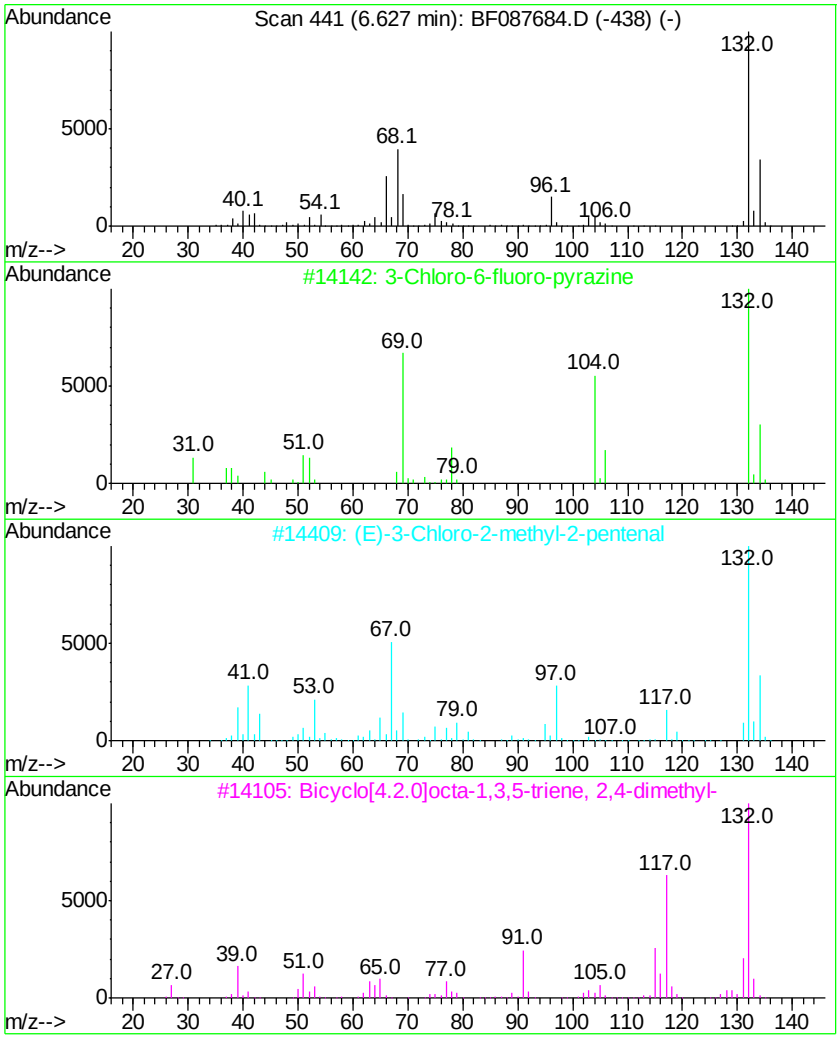
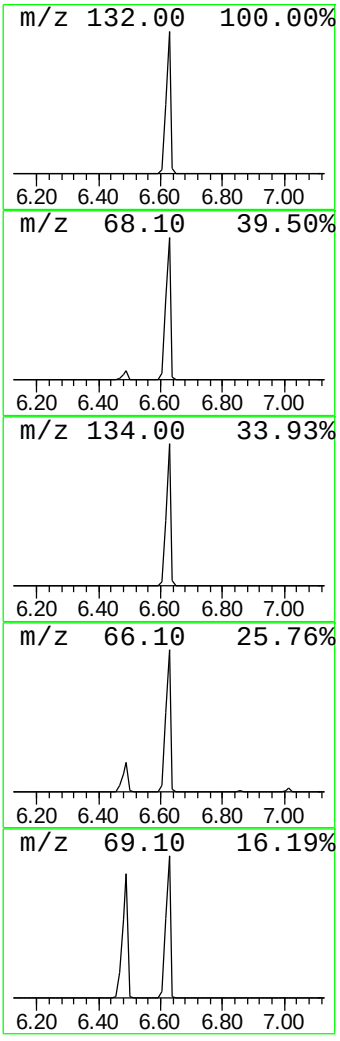
****

Peak Number 5 unknown6.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	96.13 ng	3257250	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : NORTH-WALL-6BGL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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TIC Library : C:\Database\NIST11.L
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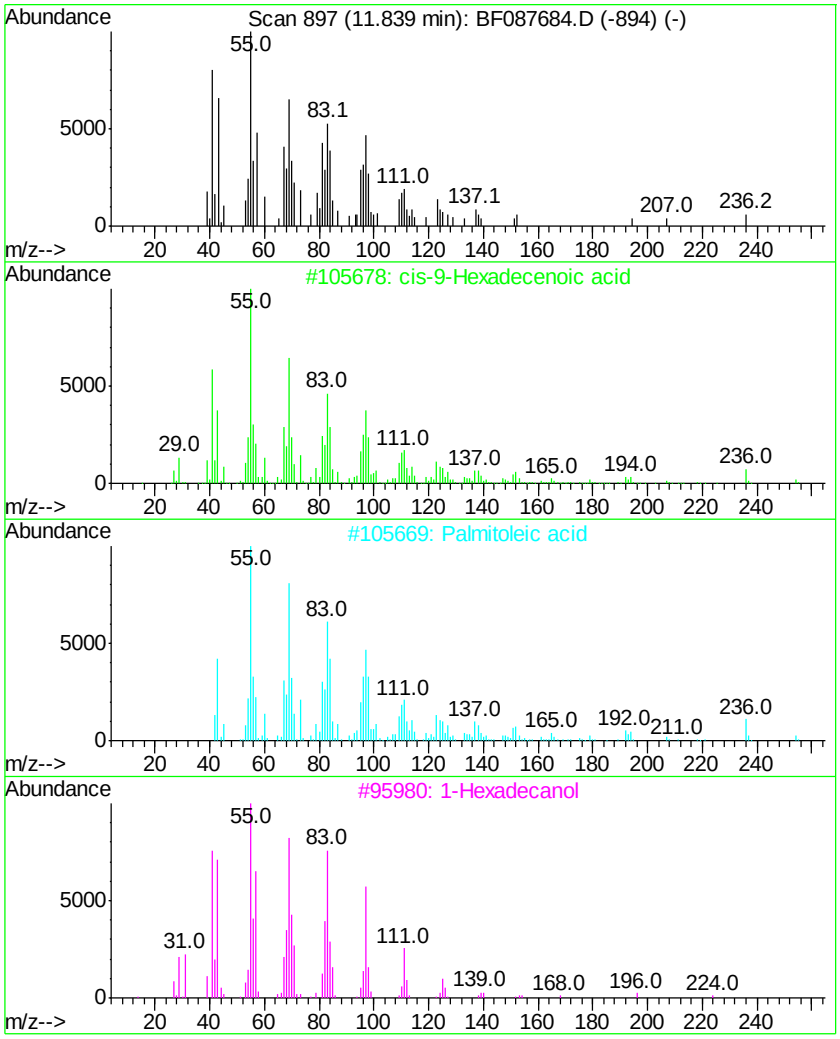
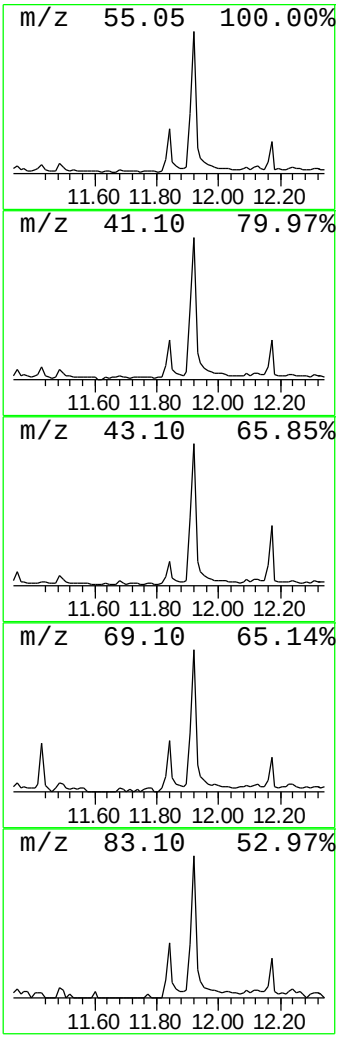
****

Peak Number 7 cis-9-Hexadecenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.20 ng	114161	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	90
2	Palmitoleic acid	254	C16H30O2	000373-49-9	81
3	1-Hexadecanol	242	C16H34O	036653-82-4	60
4	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	52
5	Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
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Operator : UM/SJ
Sample : H3383-02
Misc :
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Instrument : BNA_F
ClientSampleId : NORTH-WALL-6BGL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

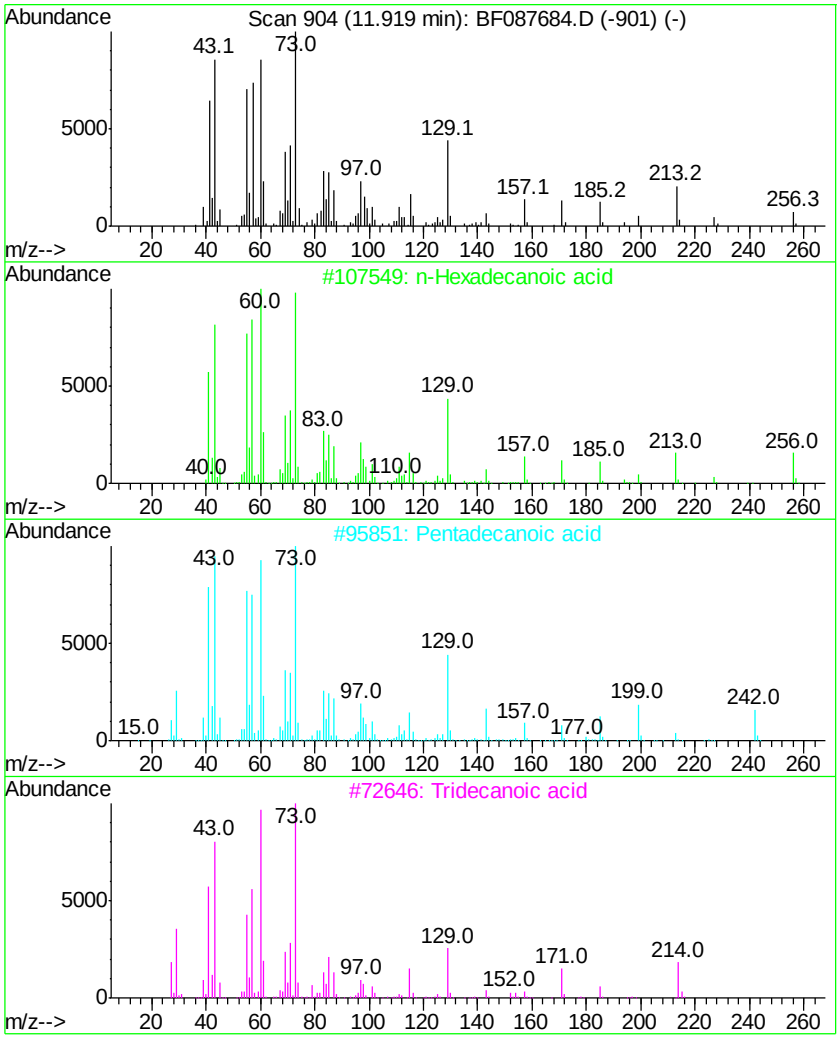
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

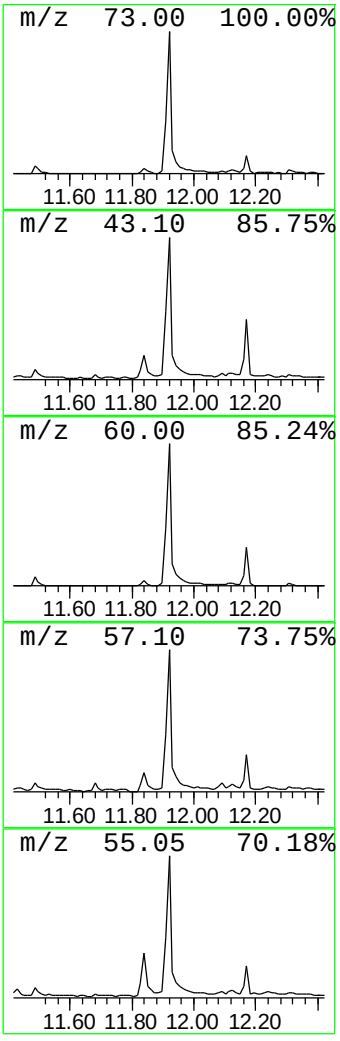
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	8.76 ng	455034	Phenanthrene-d10	11.38

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	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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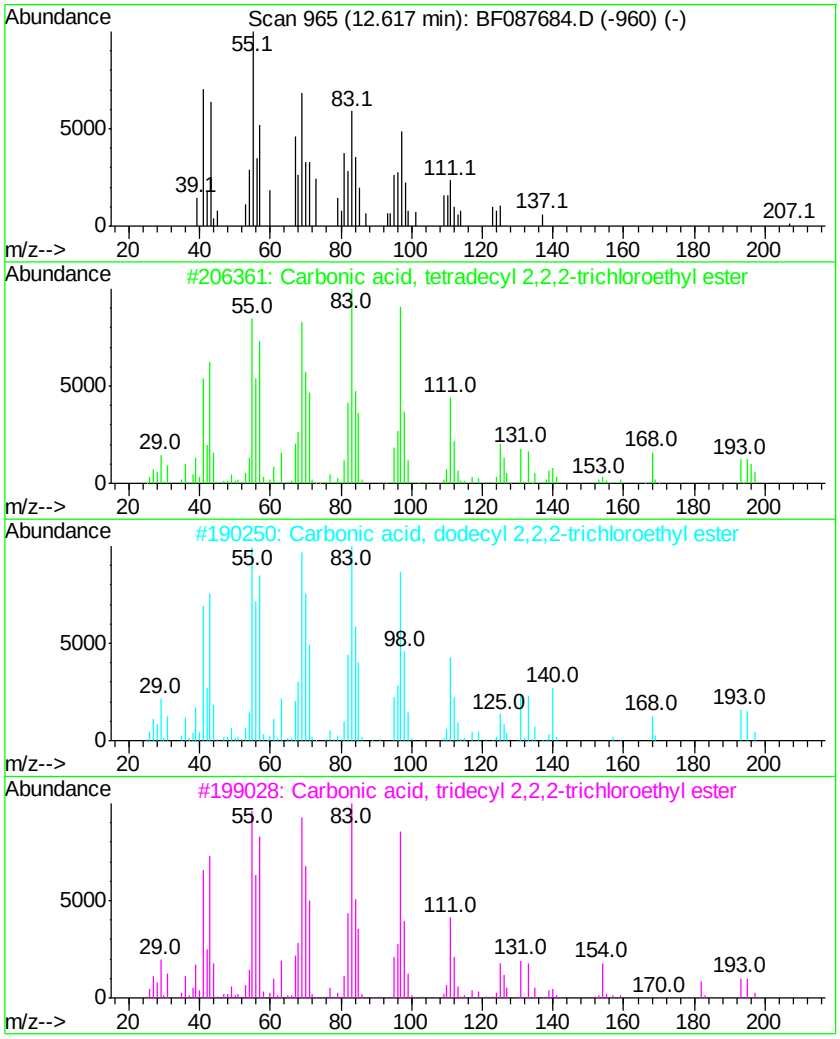
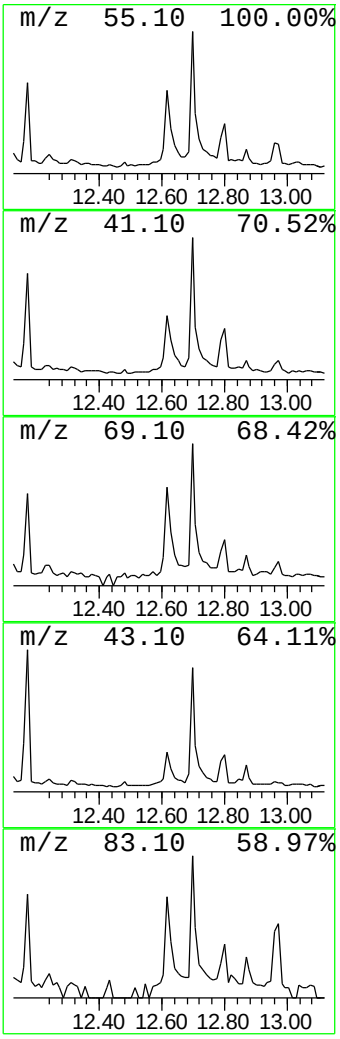
****

Peak Number 9 Carbonic acid, tetradecyl 2... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.01 ng	104660	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, tetradecyl 2,2,2-...	388	C17H31Cl3O3	1000314-56-0	70
2	Carbonic acid, dodecyl 2,2,2-tri...	360	C15H27Cl3O3	1000314-55-8	62
3	Carbonic acid, tridecyl 2,2,2-tr...	374	C16H29Cl3O3	1000314-55-9	62
4	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	60
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	60





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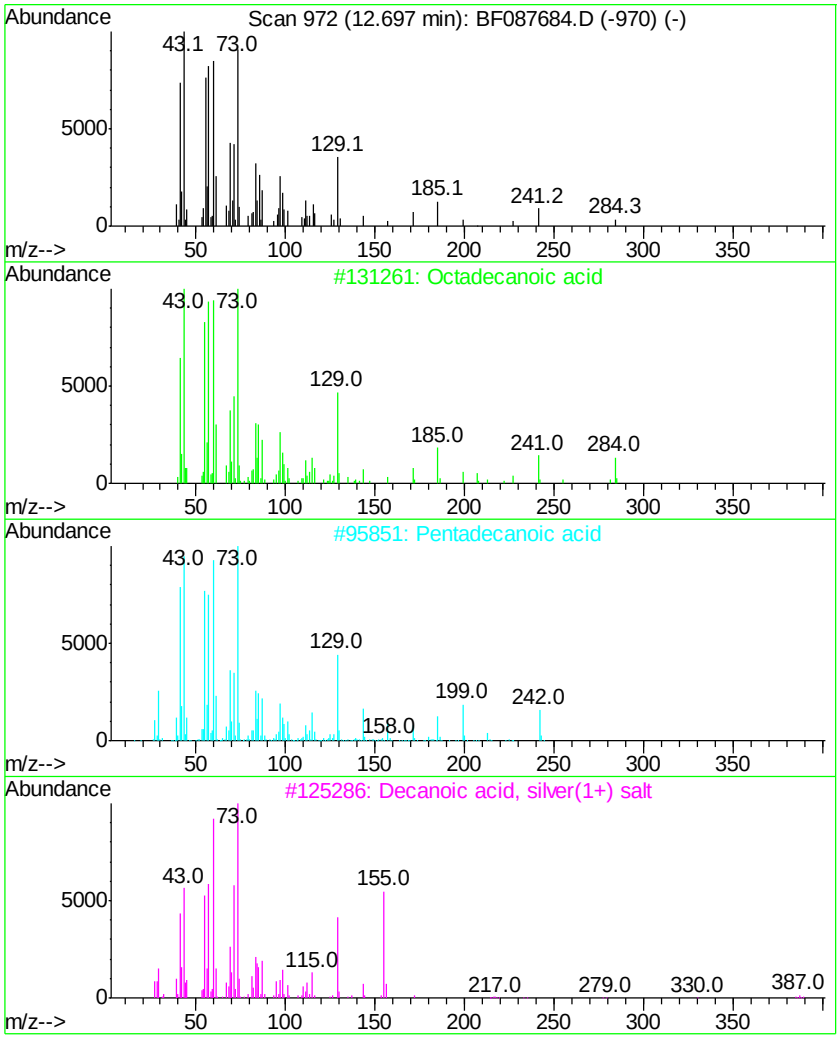
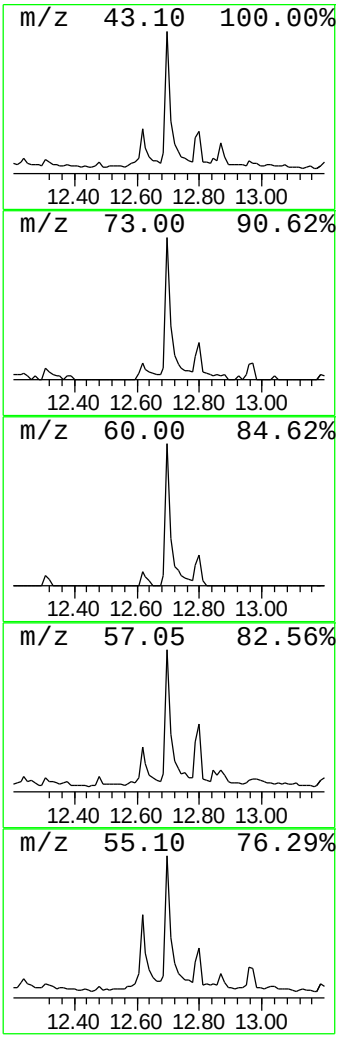
****

Peak Number 10 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	3.15 ng	163718	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
4	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30
5	Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	30





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TIC Library : C:\Database\NIST11.L
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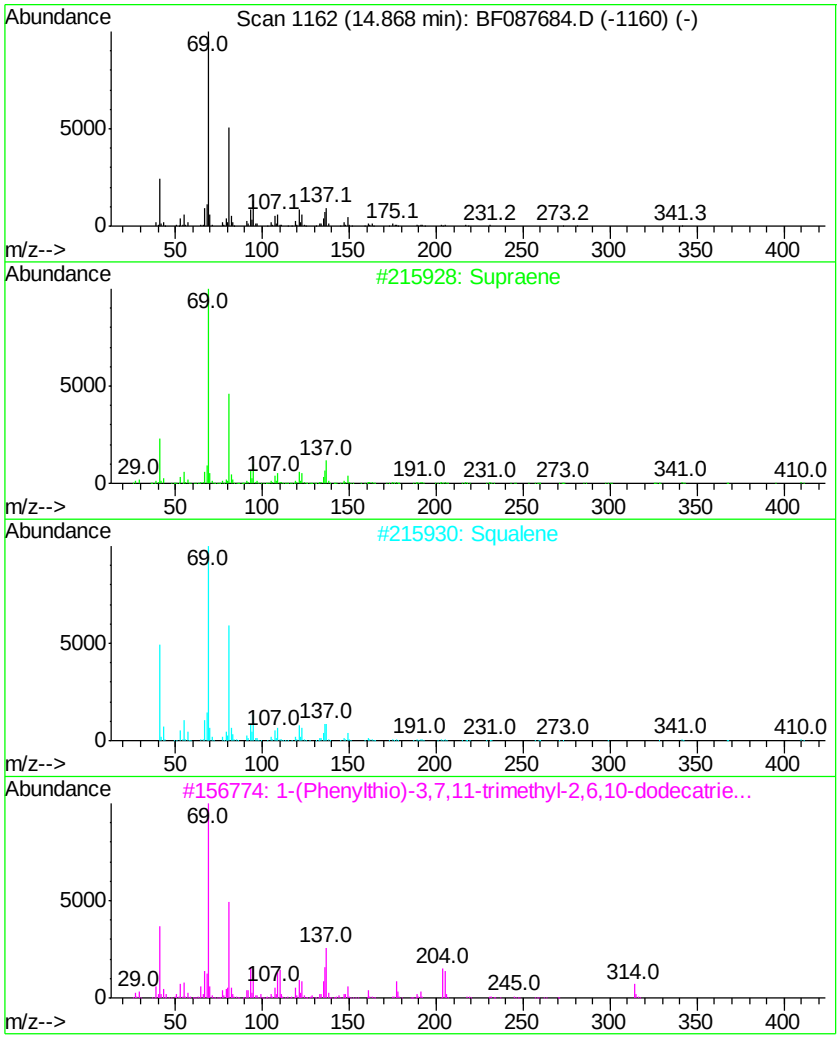
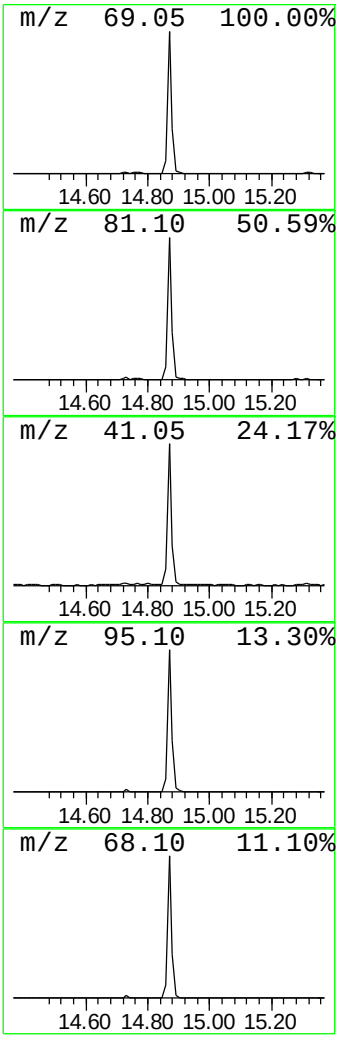
****

Peak Number 11 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	17.11 ng	625889	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	83
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.77	1.77	252.8	ng	8564990	1	6.86	677656	20.0
Propane, 1,1-dime...	2.16	7.6	ng	258541	1	6.86	677656	20.0
2-Pentanone, 4-hy...	5.05	9.6	ng	324094	1	6.86	677656	20.0
unknown6.63	6.63	96.1	ng	3257250	1	6.86	677656	20.0
cis-9-Hexadecenoi...	11.84	2.2	ng	114161	4	11.38	1038970	20.0
n-Hexadecanoic acid	11.92	8.8	ng	455034	4	11.38	1038970	20.0
Carbonic acid, te...	12.62	2.0	ng	104660	4	11.38	1038970	20.0
Octadecanoic acid	12.70	3.1	ng	163718	4	11.38	1038970	20.0
Supraene	14.87	17.1	ng	625889	6	15.44	731569	20.0