LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087687.D
Acq On : 5 Jun 2016 4:09
Operator : UM/SJ
Sample : H3383-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EAST-WALL-5BGL

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	12	16	19	rBV	4430179	8520626	100.00%	17.692%
2	1.907	26	28	49	rVB	1824530	4032086	47.32%	8.372%
3	2.170	49	51	67	rVB	99346	236575	2.78%	0.491%
4	3.850	194	198	201	rVB	2033497	3028149	35.54%	6.288%
5	5.062	301	304	309	rBV	209259	362087	4.25%	0.752%
6	5.462	335	339	341	rBV	2954068	3491188	40.97%	7.249%
7	6.490	425	429	431	rBV	2862505	3600717	42.26%	7.476%
8	6.627	438	441	443	rBV	3134512	3462310	40.63%	7.189%
9	6.856	459	461	464	rBV	860646	720318	8.45%	1.496%
10	7.016	472	475	477	rBV	2847053	2680310	31.46%	5.565%
11	7.427	507	511	513	rBV	1779951	2498326	29.32%	5.187%
12	8.148	571	574	576	rBV	728835	941171	11.05%	1.954%
13	9.222	665	668	671	rBV	3306089	3549908	41.66%	7.371%
14	9.611	700	702	705	rVB	272881	290397	3.41%	0.603%
15	9.896	724	727	730	rVB	1179492	1056646	12.40%	2.194%
16	10.685	793	796	799	rBV	2206064	2414979	28.34%	5.014%
17	11.382	854	857	859	rVB	1006452	1072102	12.58%	2.226%
18	11.919	901	904	906	rBV	341480	392727	4.61%	0.815%
19	12.697	970	972	979	rVV	162026	195430	2.29%	0.406%
20	12.971	993	996	998	rBV	3186873	3378481	39.65%	7.015%
21	13.954	1078	1082	1085	rBV3	24801	89288	1.05%	0.185%
22	14.011	1085	1087	1089	rVB	1095237	1000340	11.74%	2.077%
23	14.868	1160	1162	1165	rBV	429079	412967	4.85%	0.857%
24	15.440	1209	1212	1215	rBV	567931	733942	8.61%	1.524%

Sum of corrected areas: 48161070

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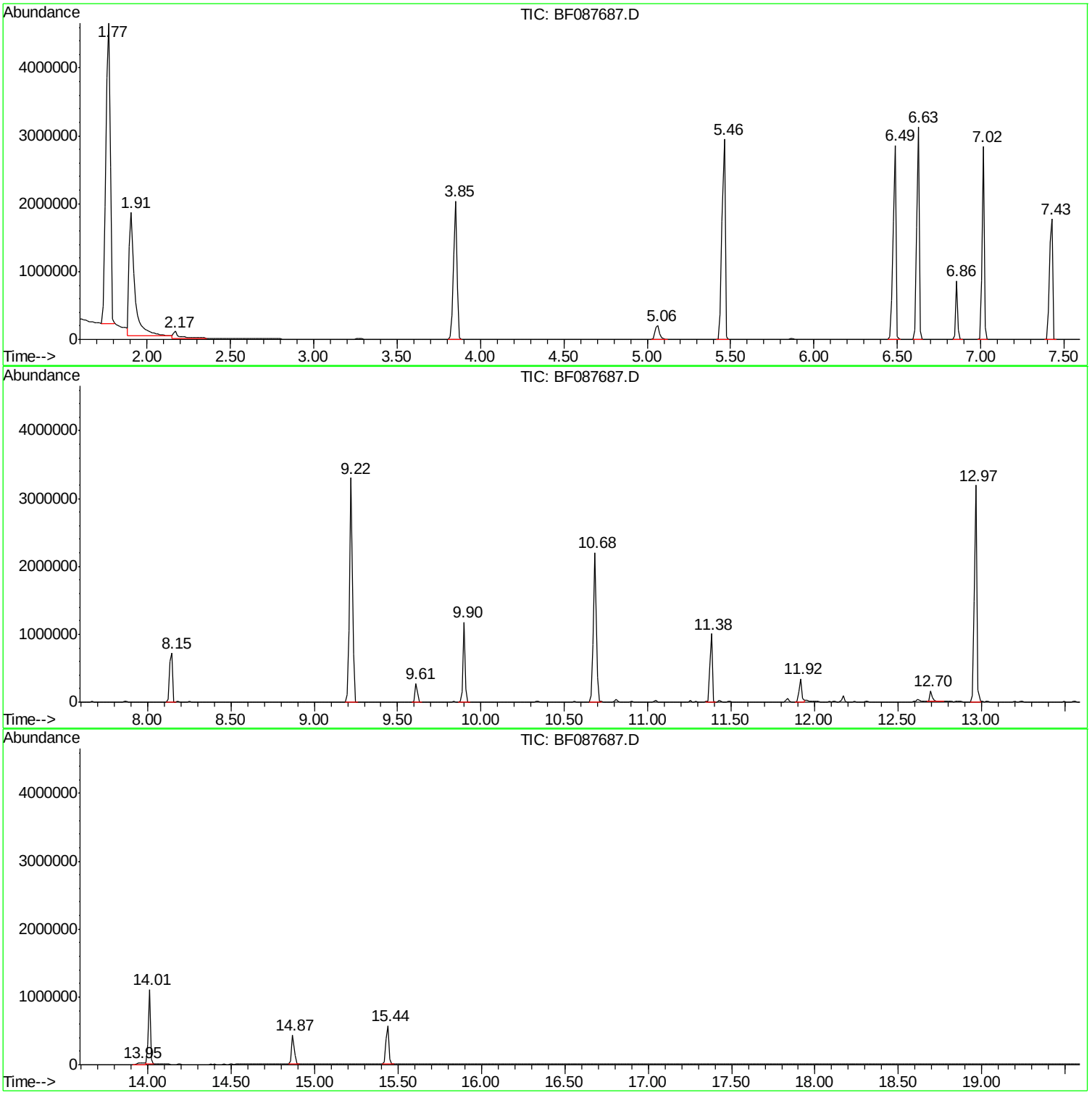
ClientSampleId :
EAST-WALL-5BGL

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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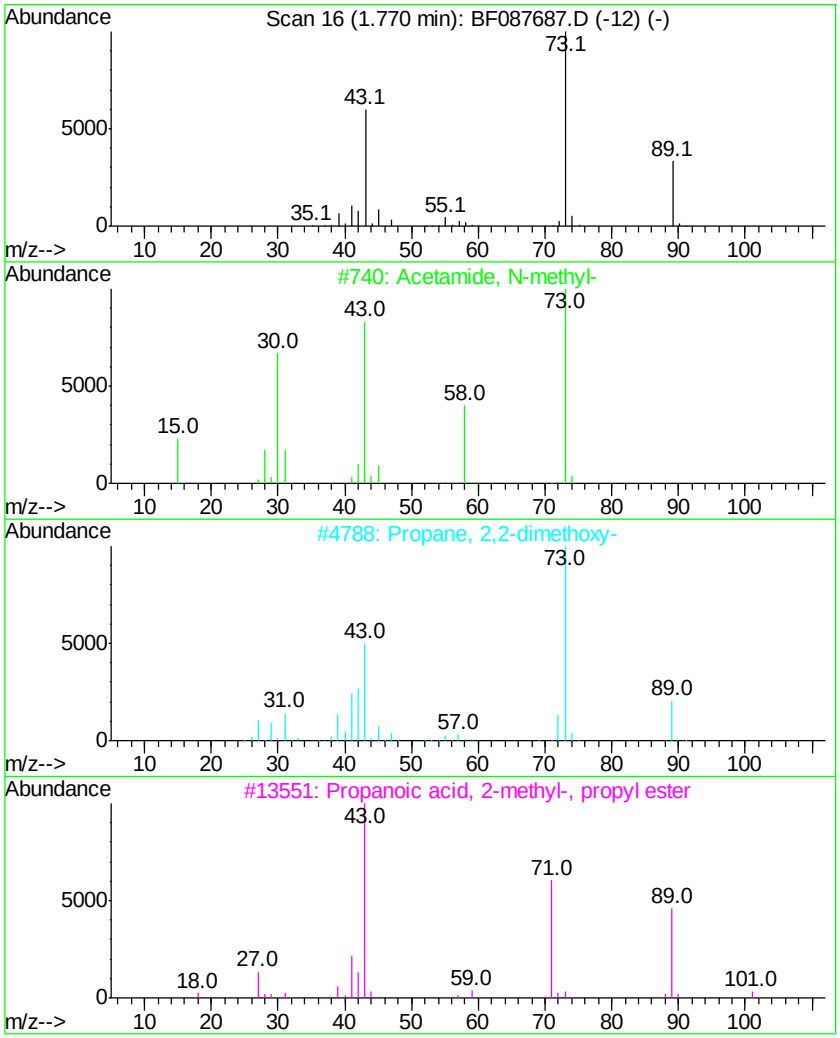
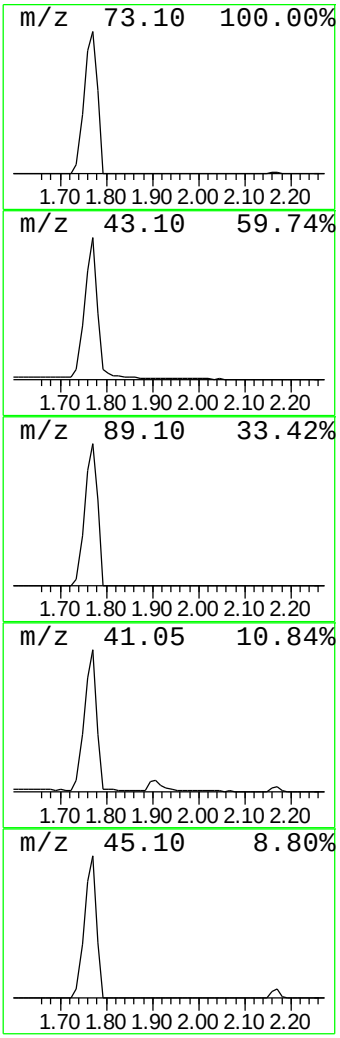
Peak Number 1 unknown1.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	236.58 ng	8520630	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	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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ClientSampleId : EAST-WALL-5BGL

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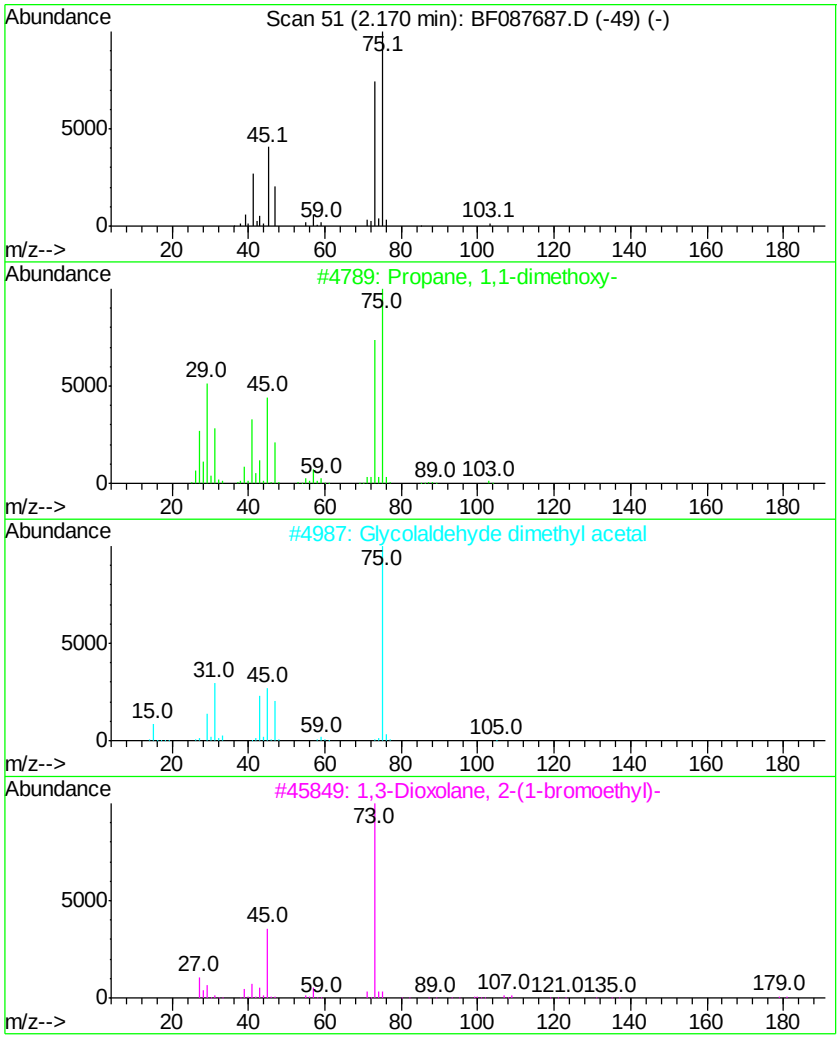
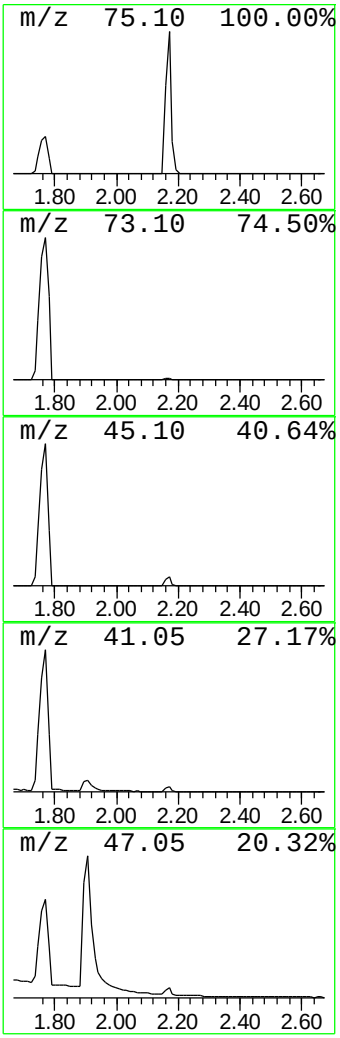
Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	6.57 ng	236575	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	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	50
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	16
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Misc :
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Instrument : BNA_F
ClientSampleId : EAST-WALL-5BGL

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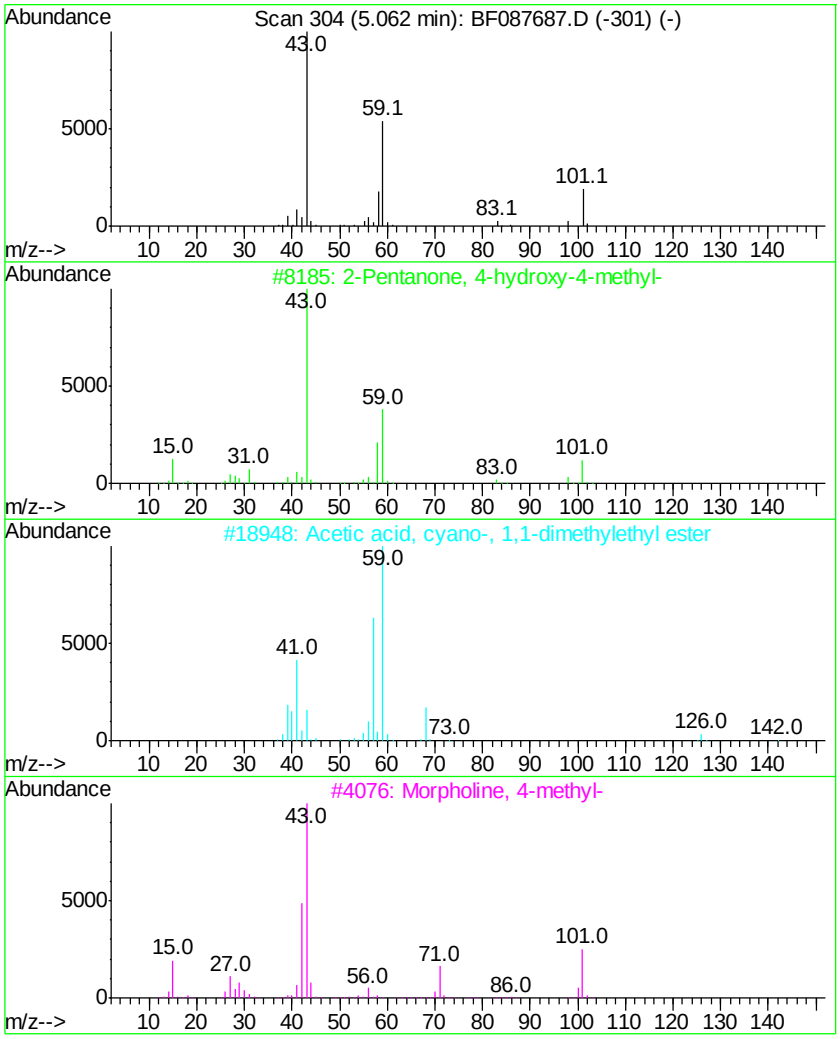
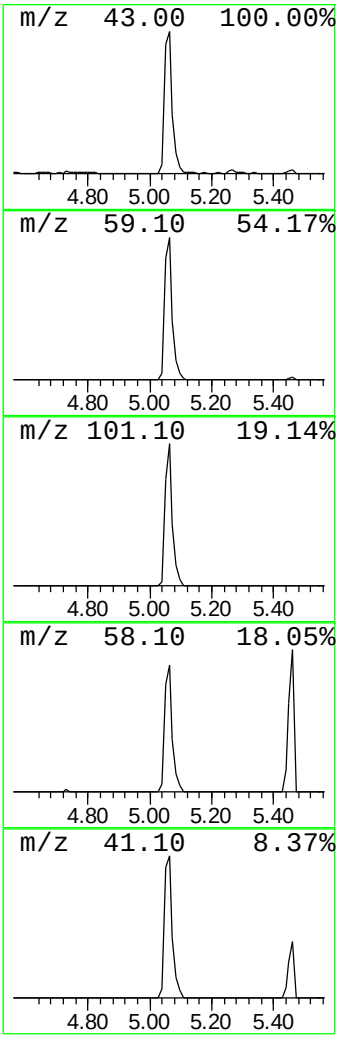
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	10.05 ng	362087	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	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





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Misc :
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Instrument : BNA_F
ClientSampleId : EAST-WALL-5BGL

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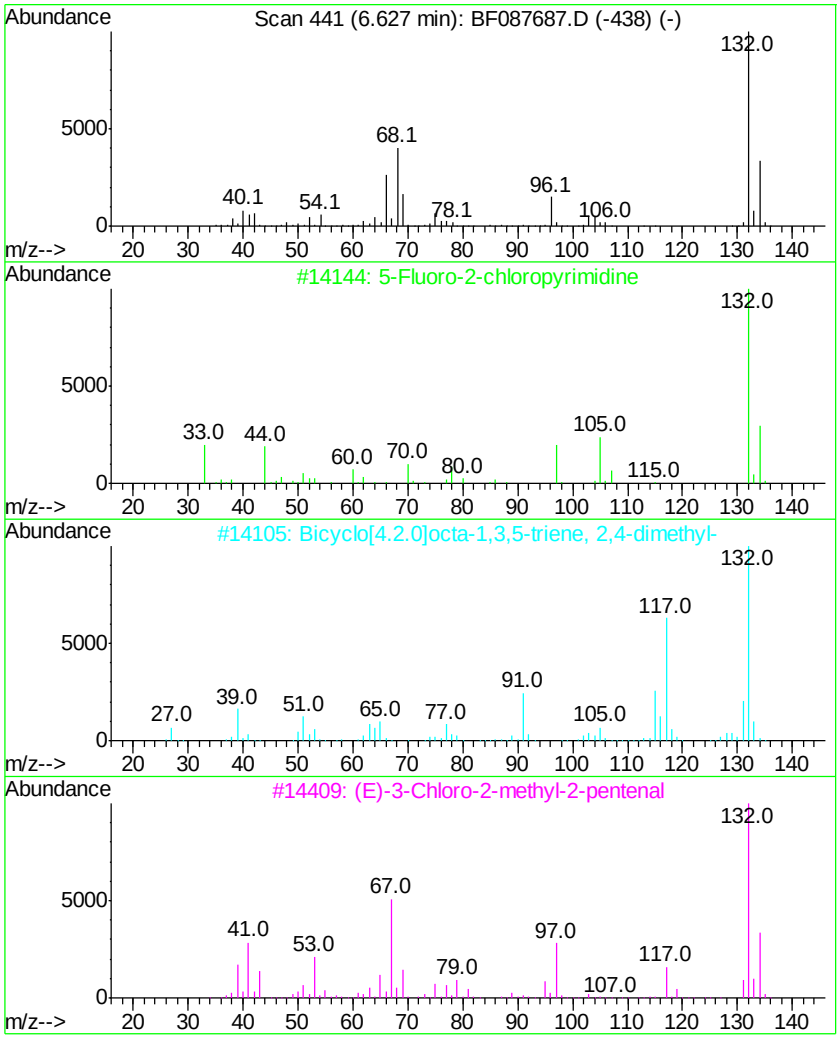
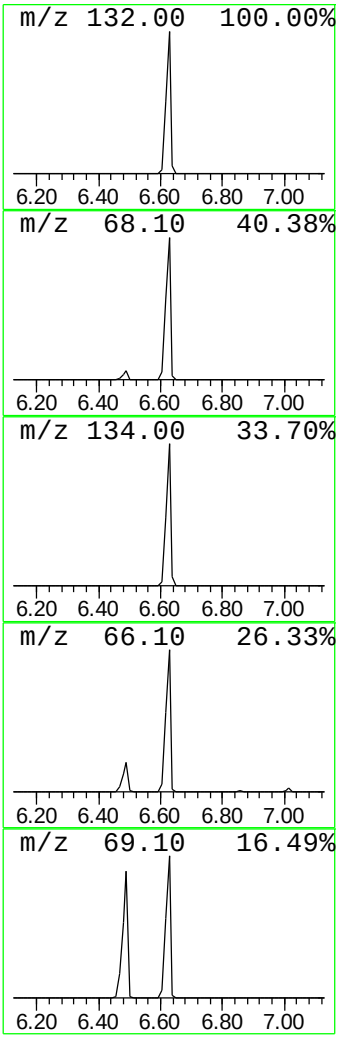
Peak Number 6 unknown6.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	96.13 ng	3462310	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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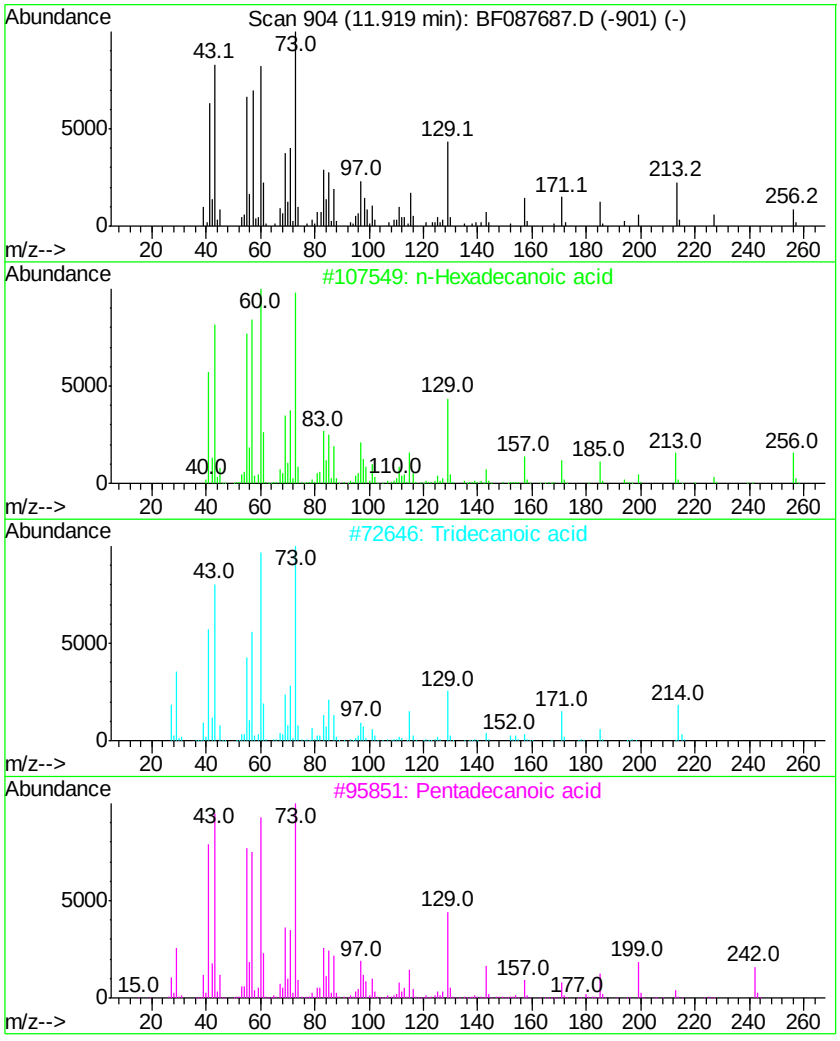
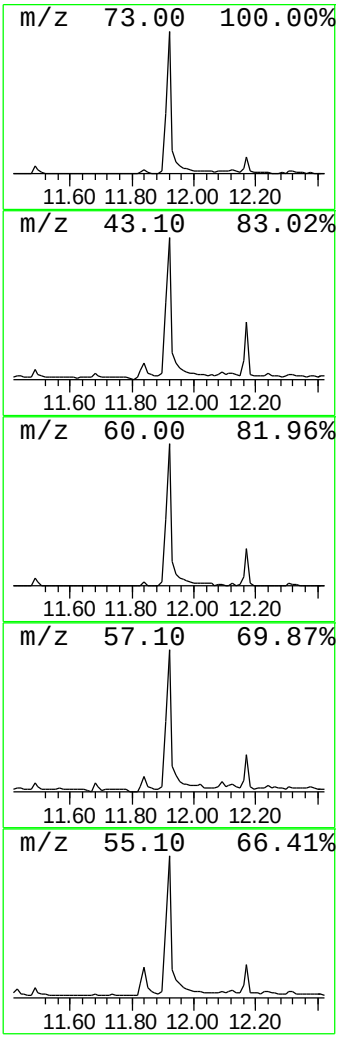
Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.33 ng	392727	Phenanthrene-d10	11.38

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	20





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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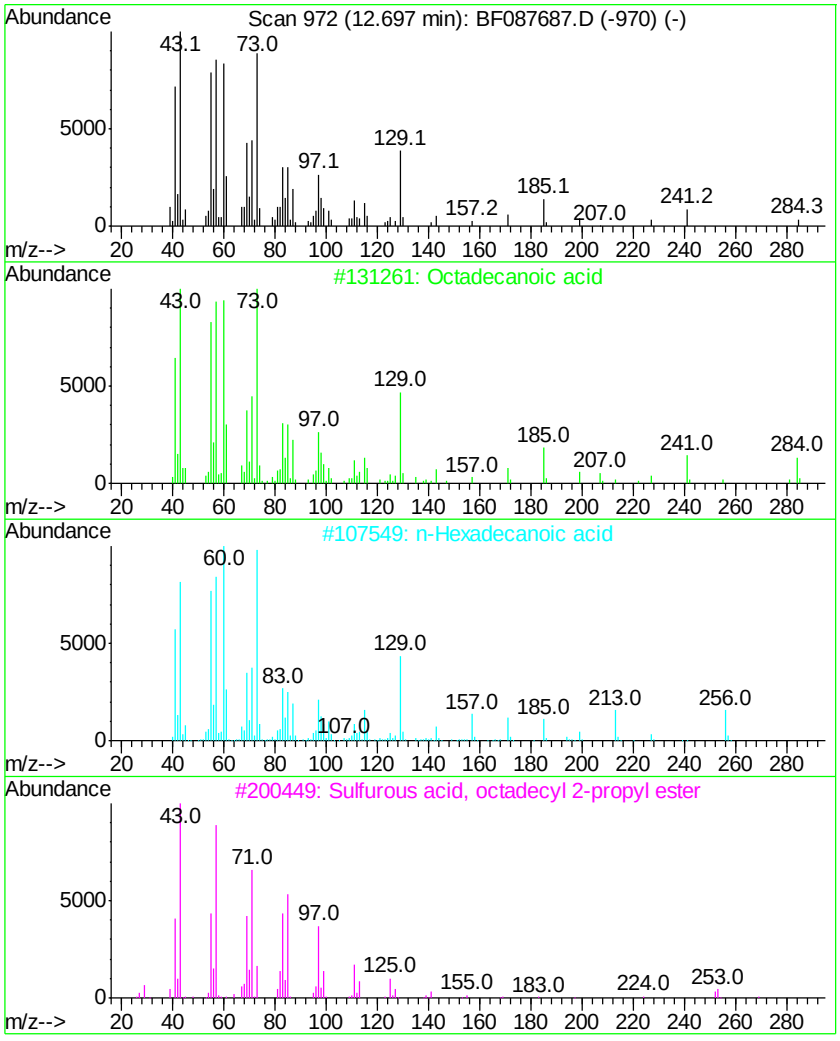
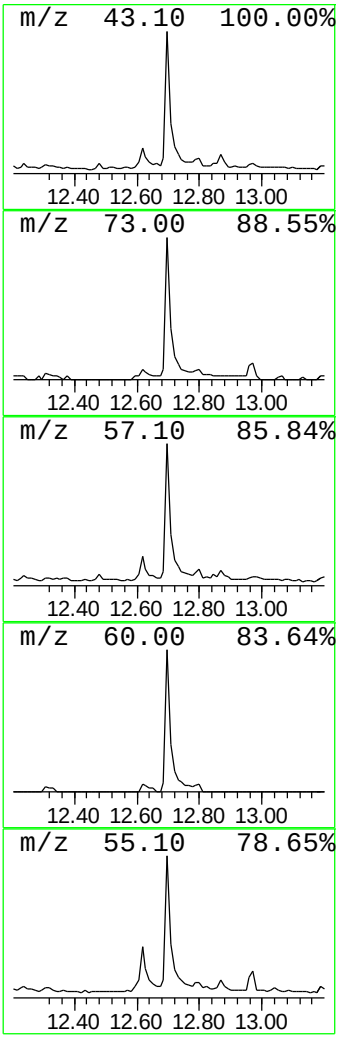
Peak Number 9 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	3.65 ng	195430	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25
4	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	20





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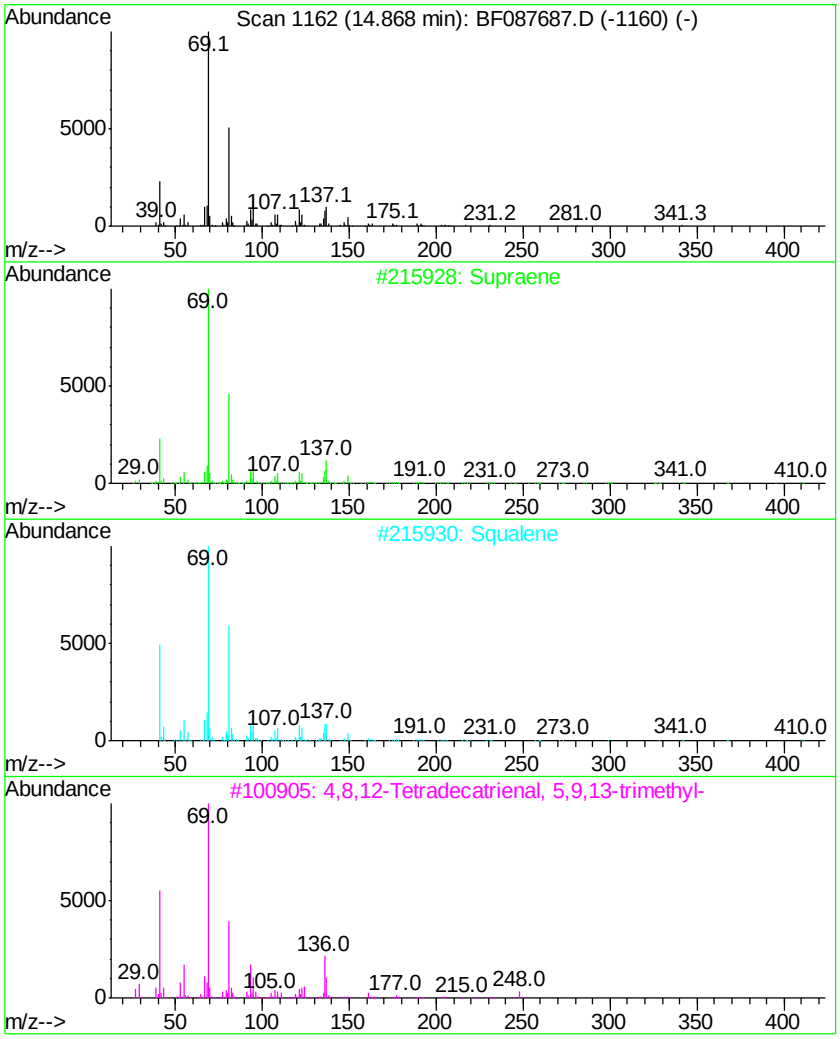
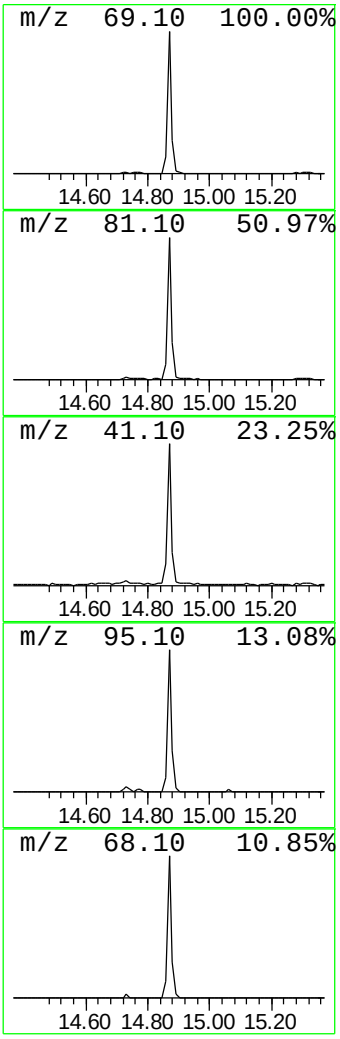
Peak Number 10 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	11.25 ng	412967	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	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64





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	236.6	ng	8520630	1	6.86	720318	20.0
Propane, 1,1-dime...	2.17	6.6	ng	236575	1	6.86	720318	20.0
2-Pentanone, 4-hy...	5.06	10.1	ng	362087	1	6.86	720318	20.0
unknown6.63	6.63	96.1	ng	3462310	1	6.86	720318	20.0
n-Hexadecanoic acid	11.92	7.3	ng	392727	4	11.38	1072100	20.0
Octadecanoic acid	12.70	3.6	ng	195430	4	11.38	1072100	20.0
Supraene	14.87	11.3	ng	412967	6	15.44	733942	20.0