LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087262.D
Acq On : 21 May 2016 10:06
Operator : UM/SJ
Sample : H3151-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SED-7-0-2

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-BF051716.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	1.701	8	10	43	rVB	2754637	5344055	100.00%	12.062%
2	4.696	269	272	288	rBV	231801	589777	11.04%	1.331%
3	5.141	309	311	328	rBV	3170195	4147379	77.61%	9.361%
4	6.227	403	406	413	rBV	3682936	4204062	78.67%	9.489%
5	6.330	413	415	417	rBV	4585202	4482709	83.88%	10.118%
6	6.559	433	435	441	rVB	660011	852424	15.95%	1.924%
7	6.707	446	448	451	rBV	3082618	2935352	54.93%	6.625%
8	7.130	483	485	488	rBV	2518962	2672482	50.01%	6.032%
9	7.839	545	547	550	rBV	1031905	1155489	21.62%	2.608%
10	8.925	639	642	644	rBV	4706181	4885381	91.42%	11.026%
11	9.325	675	677	681	rBV	780114	680356	12.73%	1.536%
12	9.530	693	695	697	rBV	84203	85879	1.61%	0.194%
13	9.588	697	700	703	rBV	1478102	1326644	24.82%	2.994%
14	10.033	735	739	740	rBV	177901	170901	3.20%	0.386%
15	10.251	755	758	761	rBV	55752	94446	1.77%	0.213%
16	10.376	767	769	772	rBV2	2488015	2871857	53.74%	6.482%
17	10.502	777	780	787	rVB	206035	259274	4.85%	0.585%
18	10.948	817	819	820	rBV	117413	104752	1.96%	0.236%
19	11.062	827	829	832	rBV	1237459	1238208	23.17%	2.795%
20	11.611	875	877	884	rBV	33322	66352	1.24%	0.150%
21	12.651	965	968	970	rBV	3919004	4033935	75.48%	9.105%
22	13.577	1045	1049	1056	rBV	75270	206041	3.86%	0.465%
23	13.691	1056	1059	1066	rVV	957048	954483	17.86%	2.154%
24	14.525	1130	1132	1135	rBV	277680	252257	4.72%	0.569%
25	15.040	1175	1177	1188	rBV	507165	691806	12.95%	1.561%

Sum of corrected areas: 44306301

LSC Report - Integrated Chromatogram

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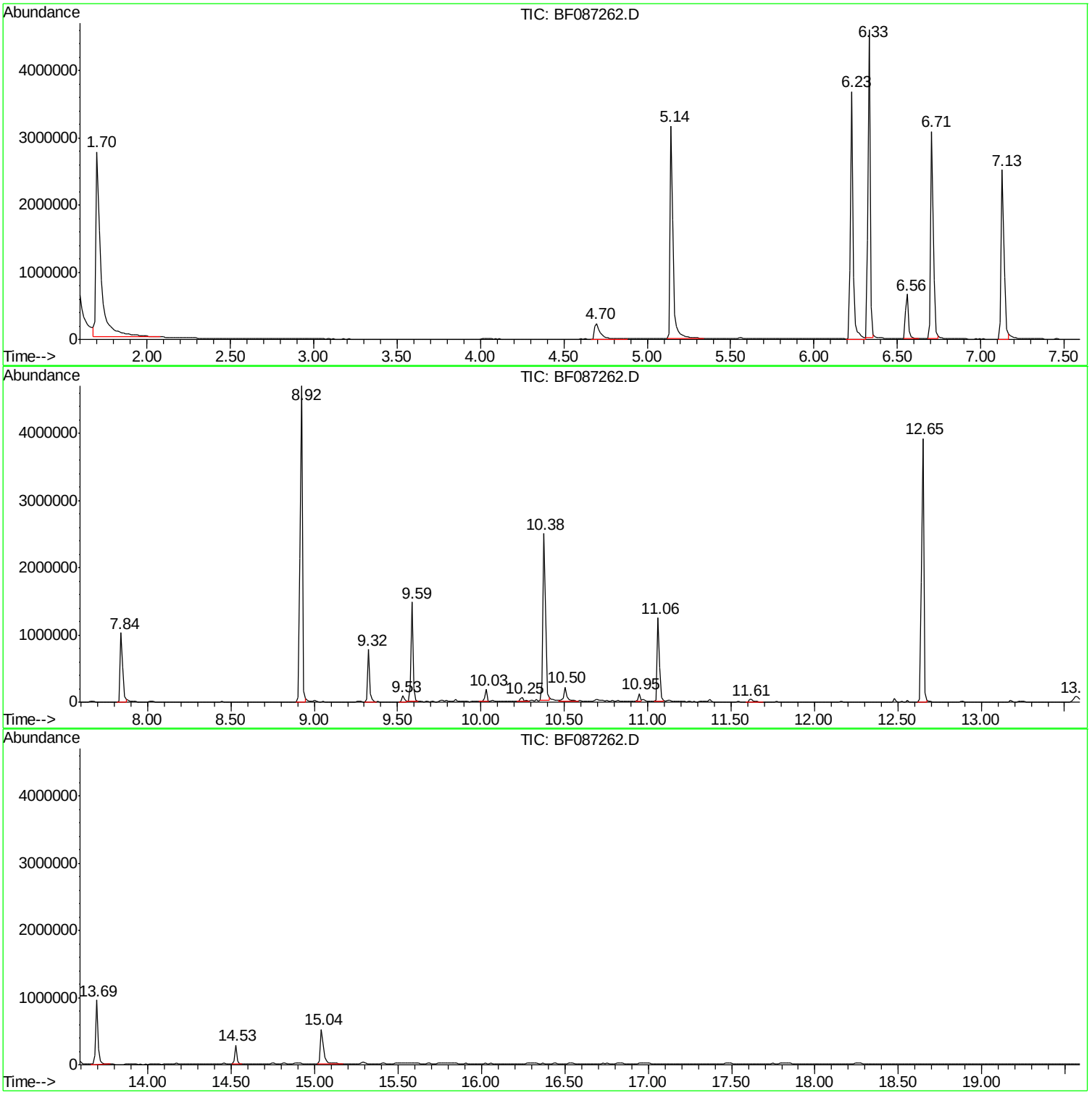
Instrument : BNA_F
ClientSampleId : SED-7-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087262.D
Acq On : 21 May 2016 10:06
Operator : UM/SJ
Sample : H3151-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-7-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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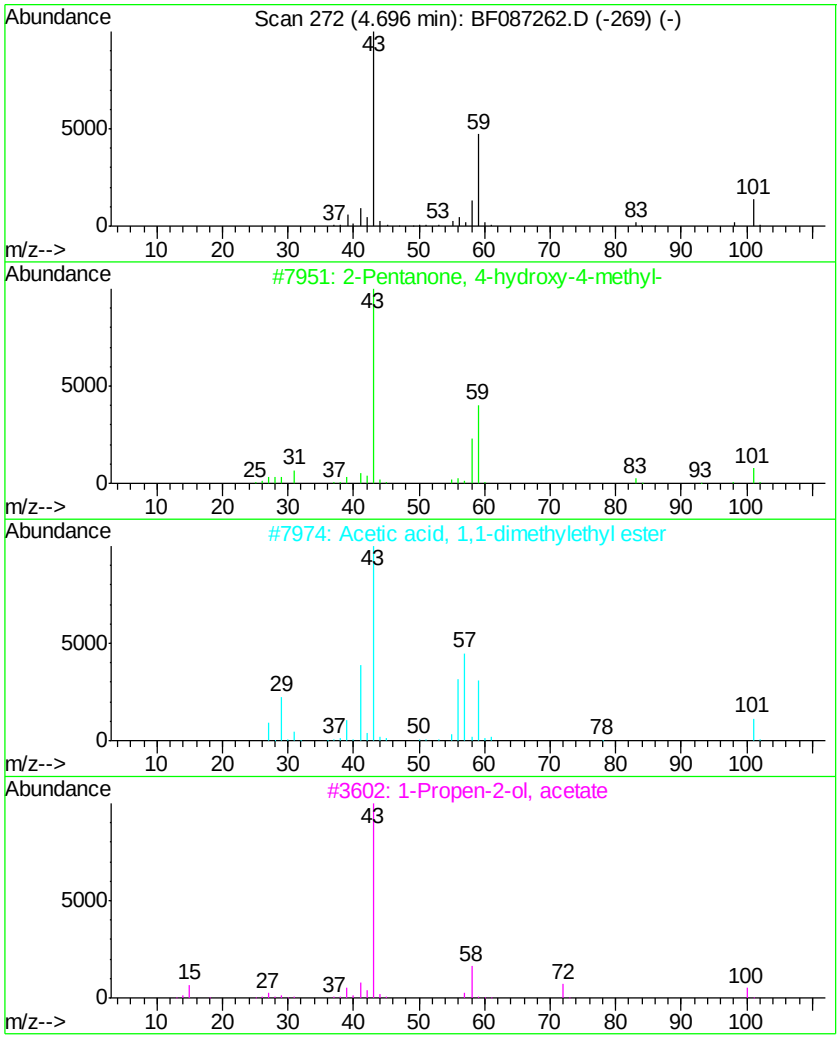
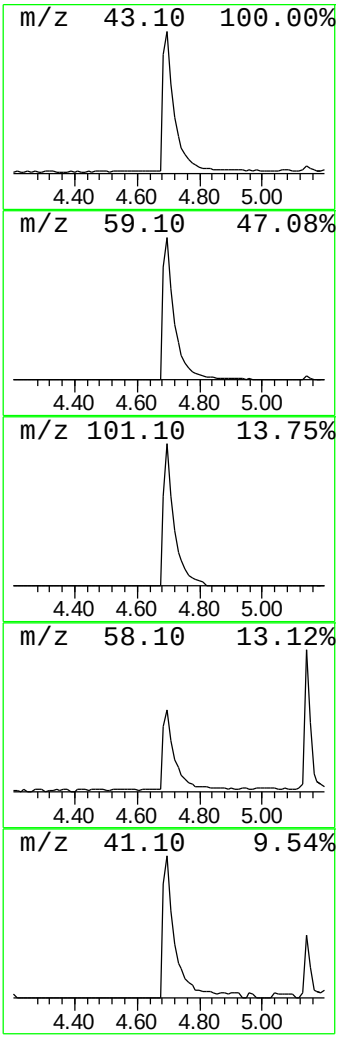
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	13.84 ng	589777	1,4-Dichlorobenzene-d4	6.56

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane	58	C4H10	000106-97-8	9





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Sample : H3151-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SED-7-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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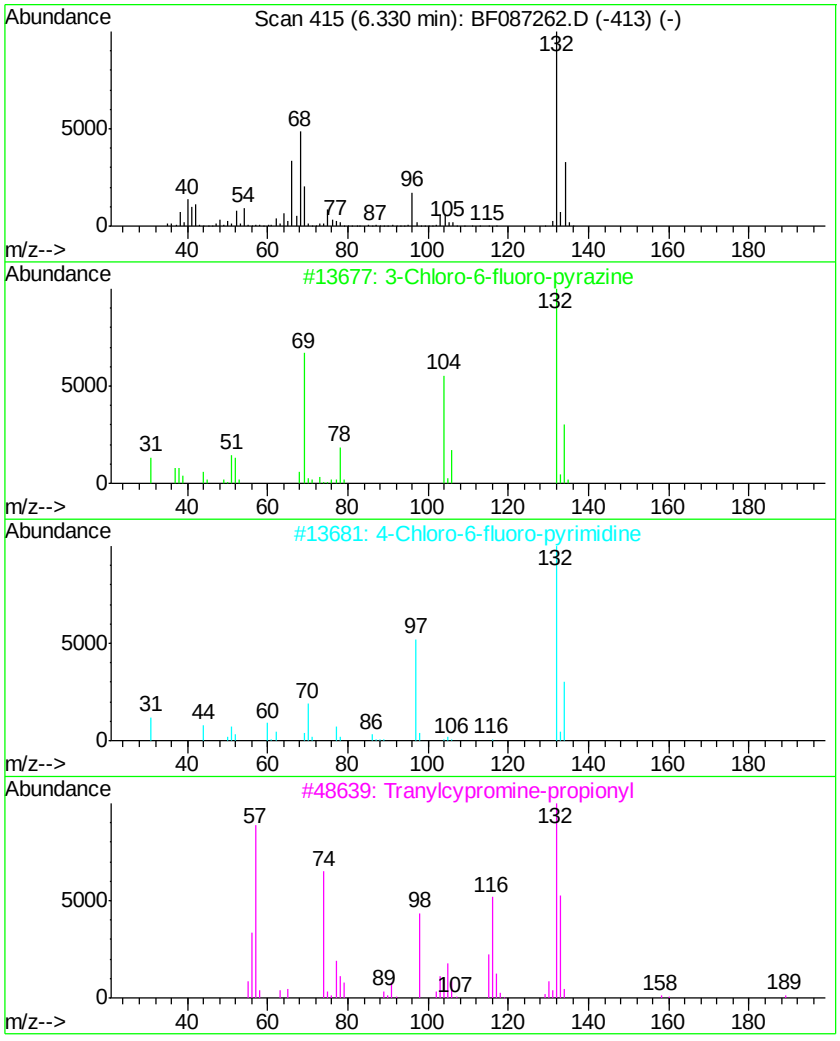
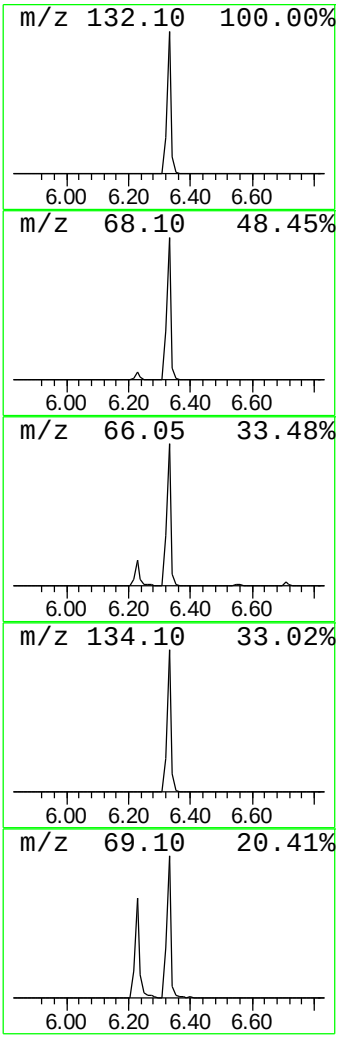
Peak Number 3 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	105.18 ng	4482710	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





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Data File : BF087262.D
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Operator : UM/SJ
Sample : H3151-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SED-7-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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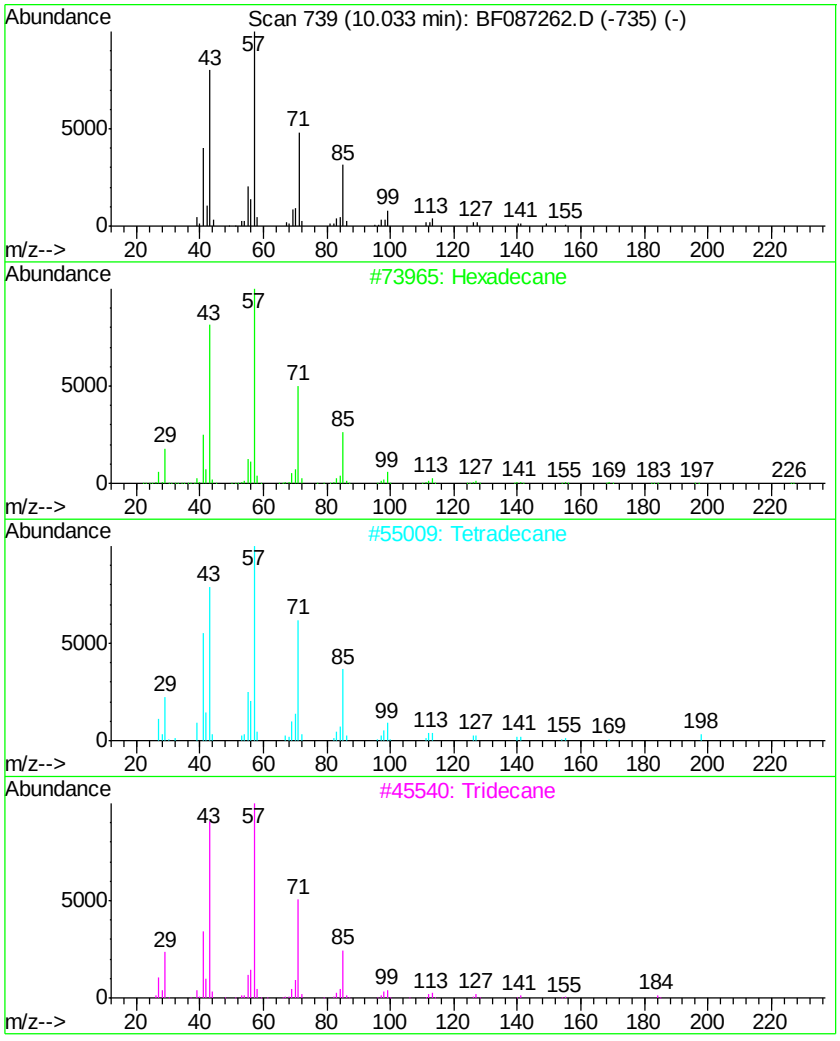
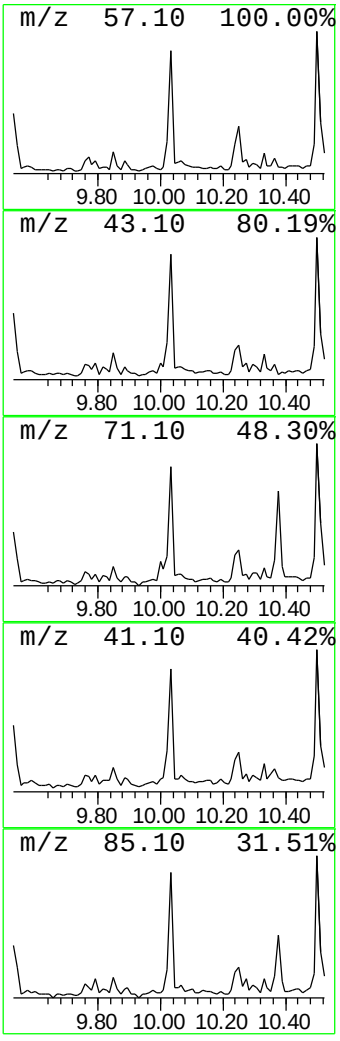
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.58 ng	170901	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Eicosane	282	C20H42	000112-95-8	80
5	Octadecane	254	C18H38	000593-45-3	80





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Sample : H3151-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SED-7-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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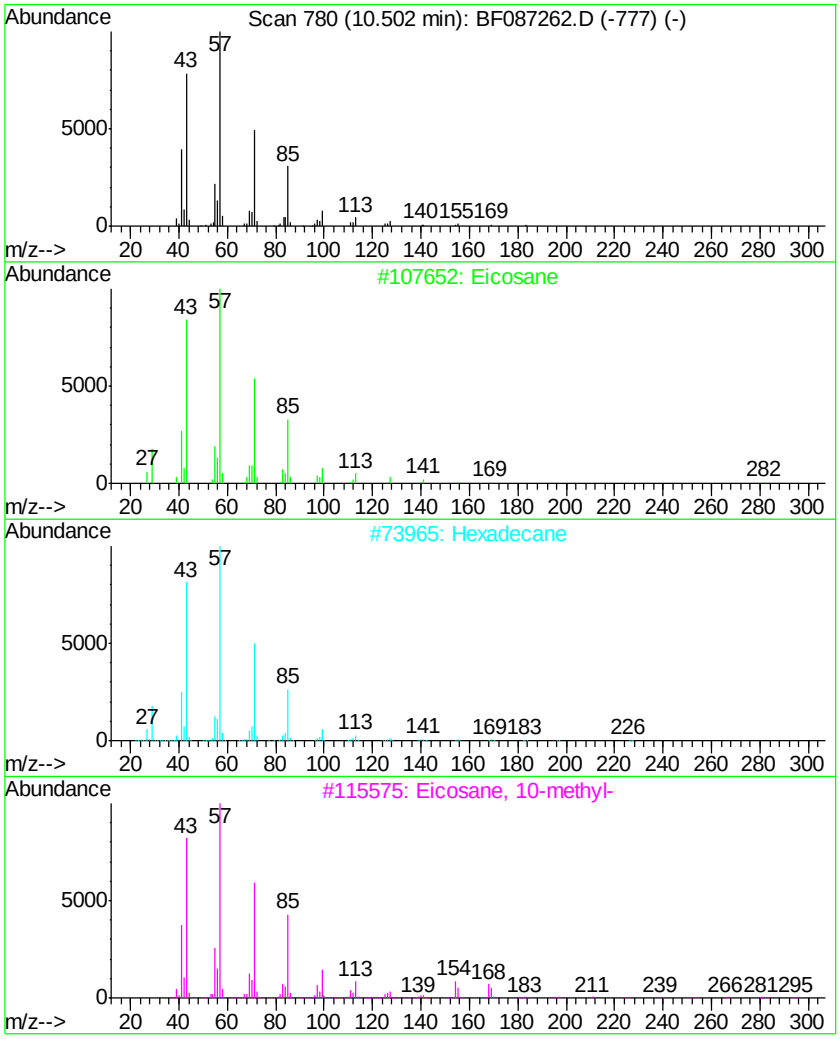
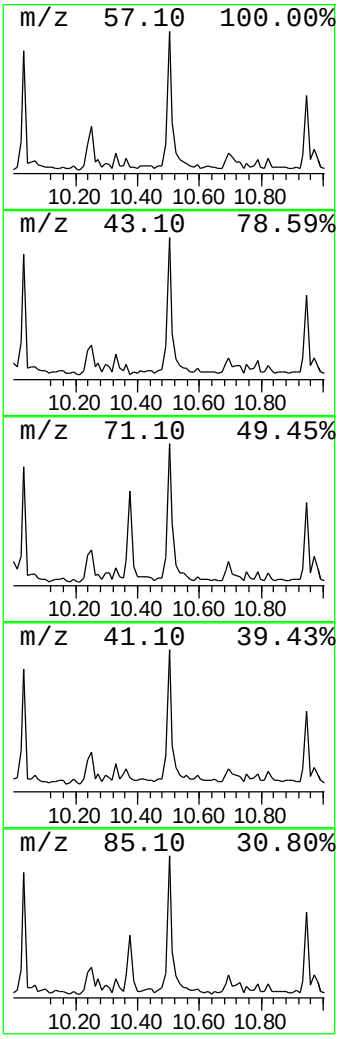
Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	4.19 ng	259274	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Tridecane	184	C13H28	000629-50-5	90





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Operator : UM/SJ
Sample : H3151-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SED-7-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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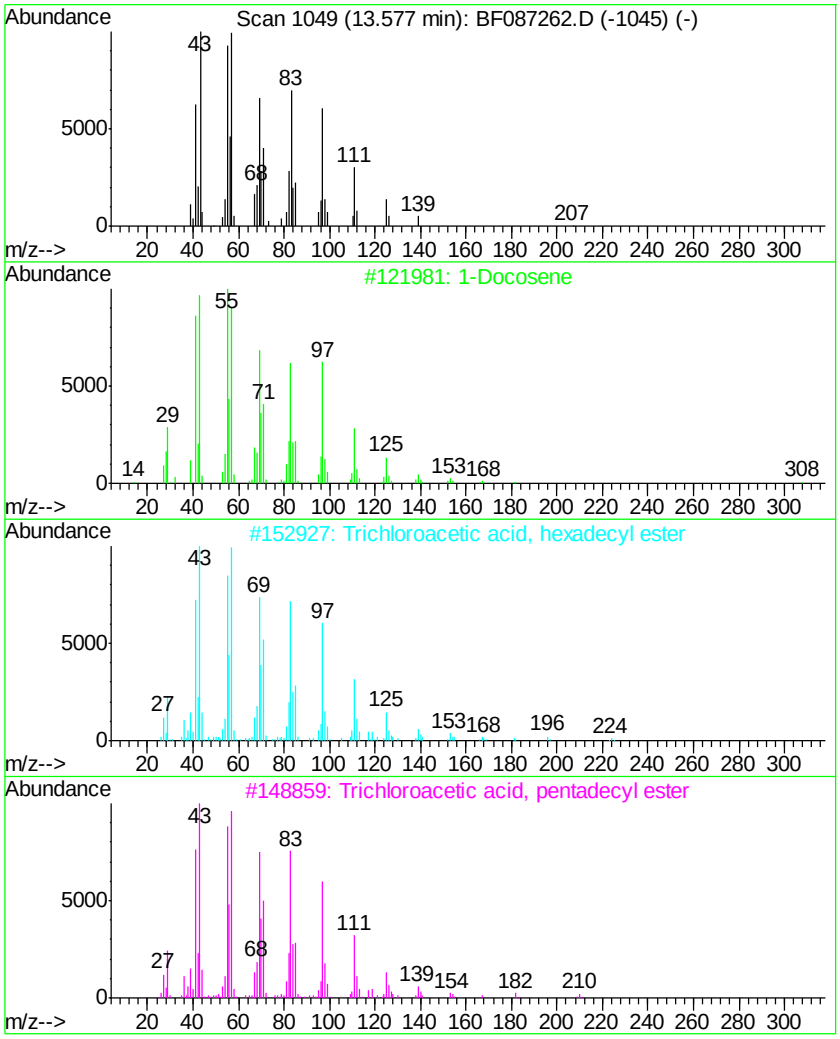
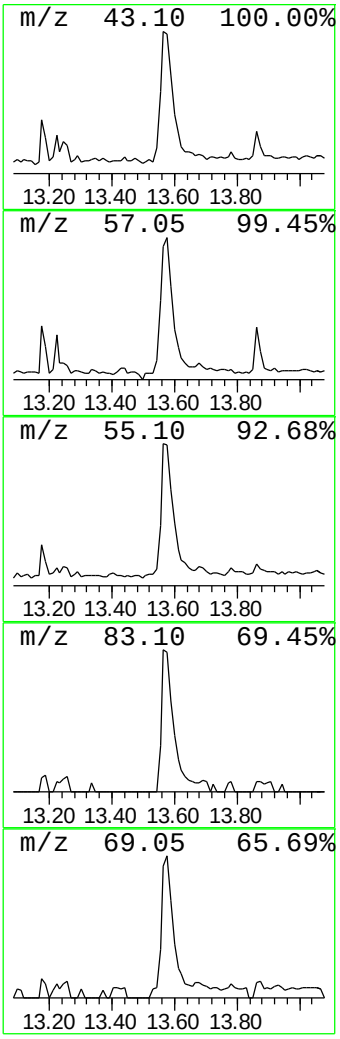
Peak Number 7 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	4.32 ng	206041	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	1-Tetracosanol	354	C24H50O	000506-51-4	87





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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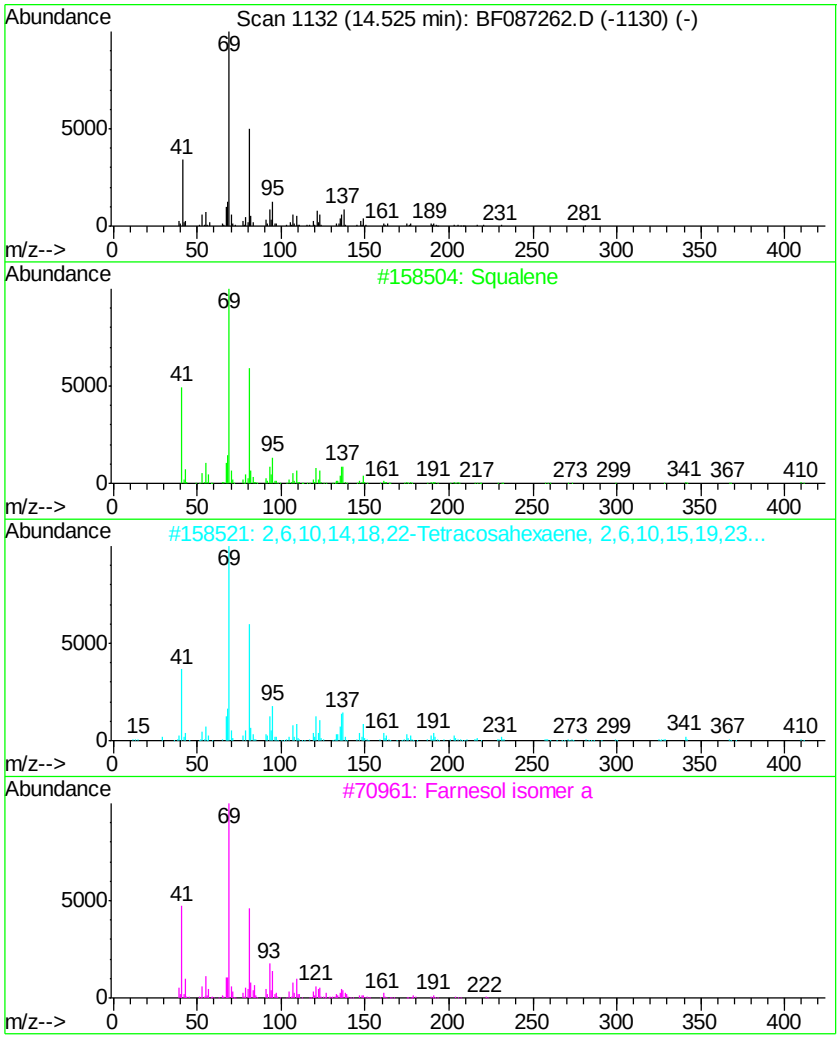
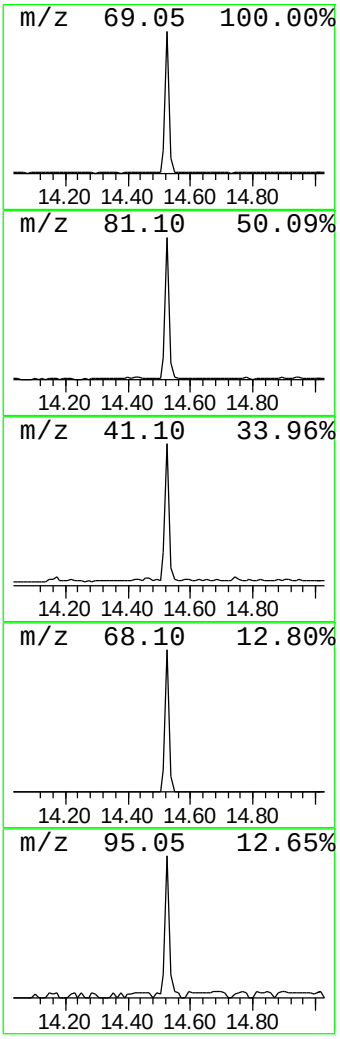
Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	7.29 ng	252257	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	Farnesol isomer a	222	C15H26O	1000108-92-4	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.70	13.8	ng	589777	1	6.56	852424	20.0
unknown6.33	6.33	105.2	ng	4482710	1	6.56	852424	20.0
Hexadecane	10.03	2.6	ng	170901	3	9.59	1326640	20.0
Eicosane	10.50	4.2	ng	259274	4	11.06	1238210	20.0
1-Docosene	13.58	4.3	ng	206041	5	13.69	954483	20.0
Squalene	14.53	7.3	ng	252257	6	15.04	691806	20.0