LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084800.D
Acq On : 3 Feb 2016 22:31
Operator : SJ/IZ
Sample : H1331-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOUTH-SIDEWALL(11.5)

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-BF020116.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	4.144	178	180	185	rBV	45021	80202	1.46%	0.172%
2	4.841	238	241	250	rVB	1189126	1787761	32.62%	3.826%
3	5.287	277	280	282	rBV	4098876	4877763	89.01%	10.440%
4	5.687	313	315	318	rVB	66758	58677	1.07%	0.126%
5	6.338	369	372	374	rBV	4279824	4471587	81.60%	9.571%
6	6.453	379	382	385	rBV	4228528	4238501	77.34%	9.072%
7	6.681	400	402	405	rBV	1200606	1090032	19.89%	2.333%
8	6.841	413	416	418	rBV	4125370	3593721	65.58%	7.692%
9	7.253	449	452	455	rBV	2564426	2773752	50.61%	5.937%
10	7.973	512	515	517	rBV	1737758	1513599	27.62%	3.240%
11	9.059	607	610	612	rBV	4454319	5480139	100.00%	11.729%
12	9.447	642	644	646	rBV	649833	665583	12.15%	1.425%
13	9.665	661	663	665	rBV	151331	182930	3.34%	0.392%
14	9.722	665	668	671	rVB	1804769	1642604	29.97%	3.516%
15	9.905	680	684	685	rBV	38850	61298	1.12%	0.131%
16	9.985	690	691	693	rVB2	40685	55590	1.01%	0.119%
17	10.167	705	707	709	rVB	327320	252453	4.61%	0.540%
18	10.385	723	726	729	rBV	99323	163156	2.98%	0.349%
19	10.465	732	733	735	rBV	36321	61513	1.12%	0.132%
20	10.510	735	737	740	rVB	3252211	3258433	59.46%	6.974%
21	10.636	746	748	753	rBV	282026	333766	6.09%	0.714%
22	11.082	786	787	789	rBV	126321	123727	2.26%	0.265%
23	11.196	795	797	800	rVB	1239532	1565943	28.57%	3.352%
24	12.796	934	937	939	rBV	4282844	5365754	97.91%	11.485%
25	13.699	1014	1016	1025	rBV	148570	311062	5.68%	0.666%
26	13.825	1025	1027	1030	rBV	1140431	1441690	26.31%	3.086%
27	14.682	1100	1102	1104	rBV	250610	277132	5.06%	0.593%
28	15.208	1145	1148	1150	rBV	812957	993144	18.12%	2.126%

Sum of corrected areas: 46721512

LSC Report - Integrated Chromatogram

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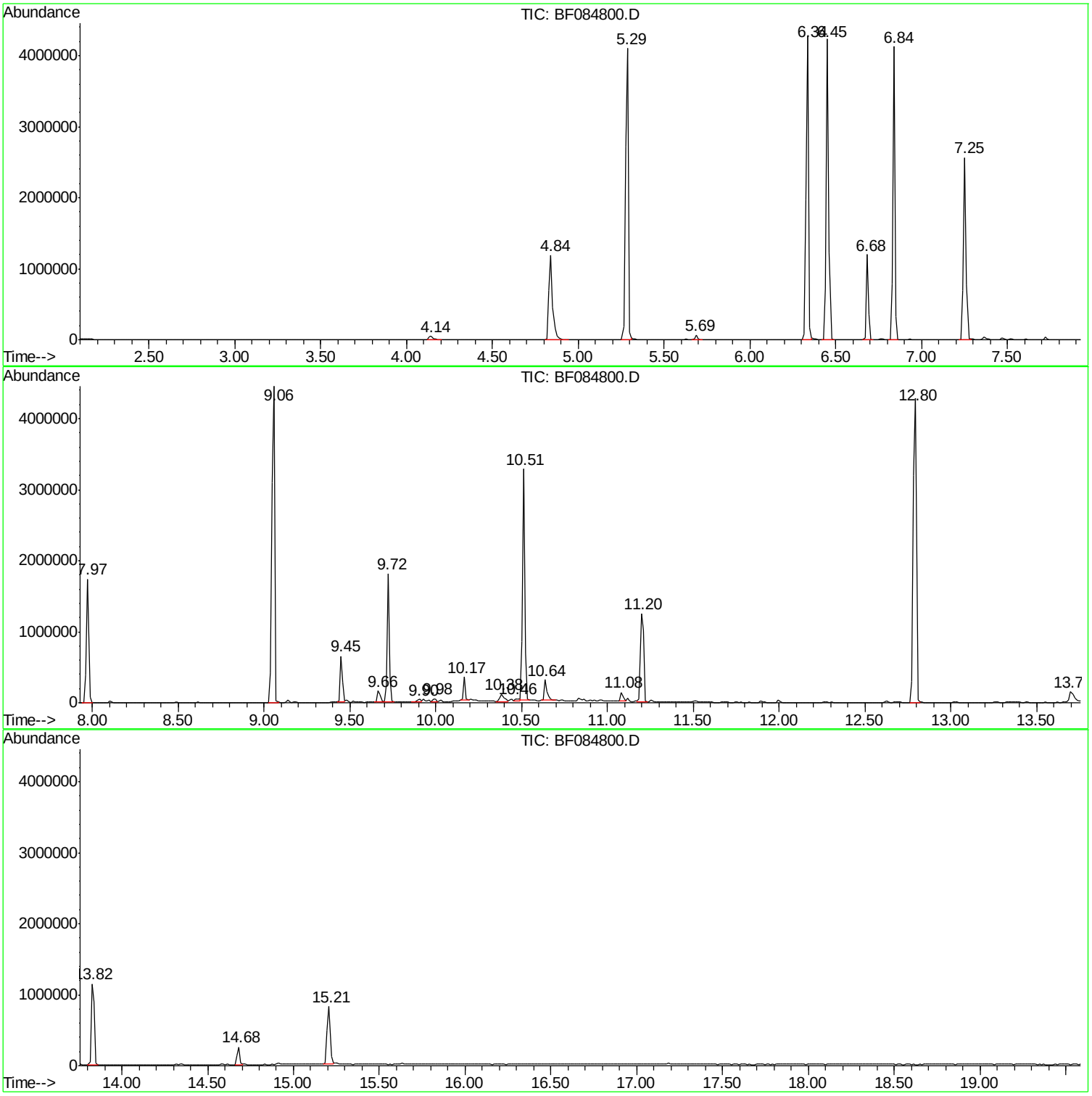
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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Instrument : BNA_F
ClientSampleId : SOUTH-SIDEWALL(11.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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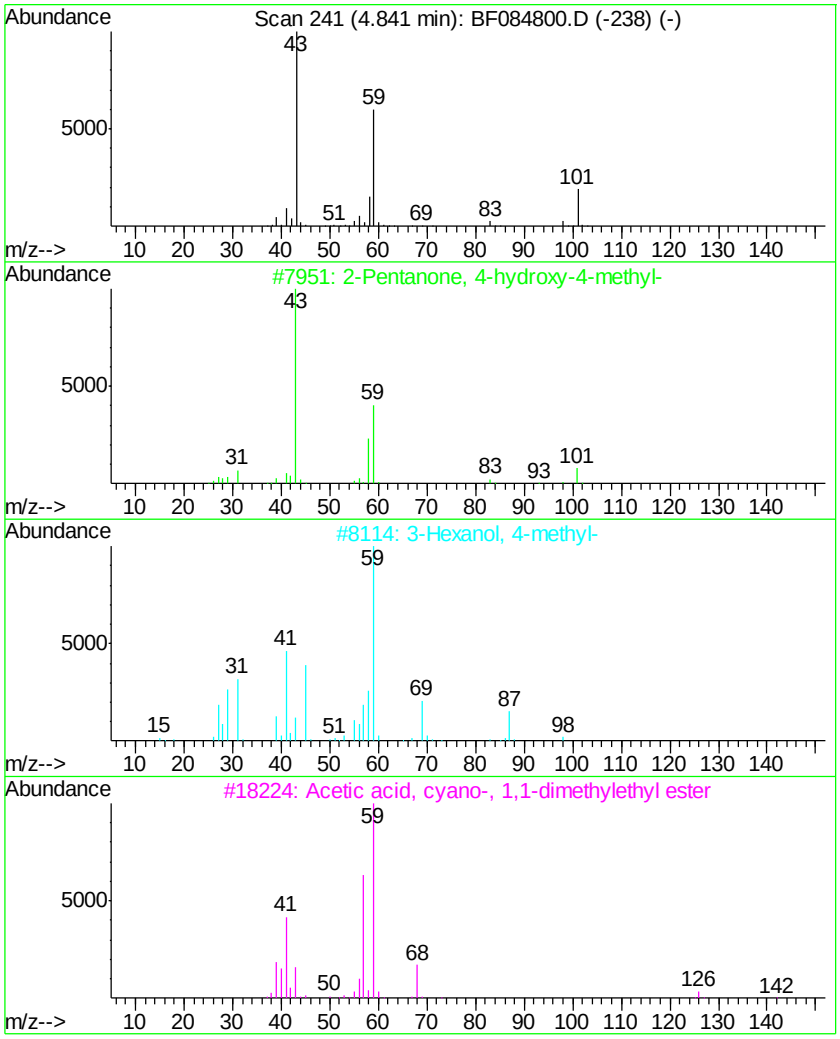
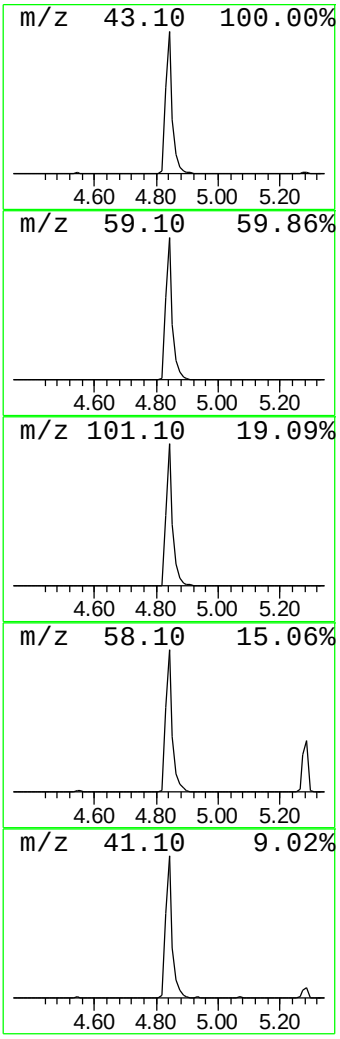
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	32.80 ng	1787760	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	tert-Butyl carbamate	117	C5H11NO2	004248-19-5	9





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Instrument : BNA_F
ClientSampleId : SOUTH-SIDEWALL(11.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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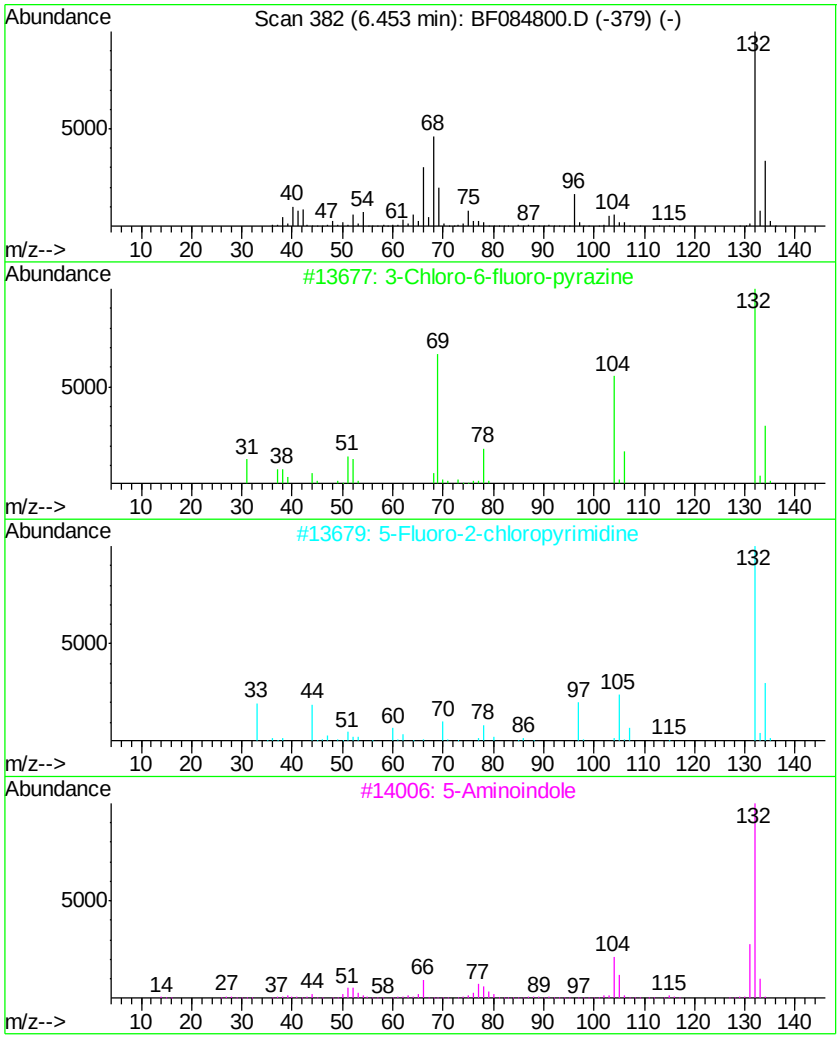
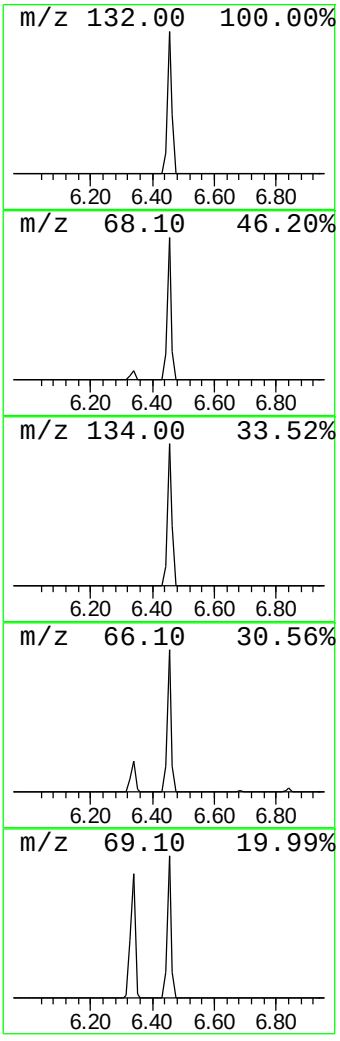
Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	77.77 ng	4238500	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : SJ/IZ
Sample : H1331-05
Misc :
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Instrument : BNA_F
ClientSampleId : SOUTH-SIDEWALL(11.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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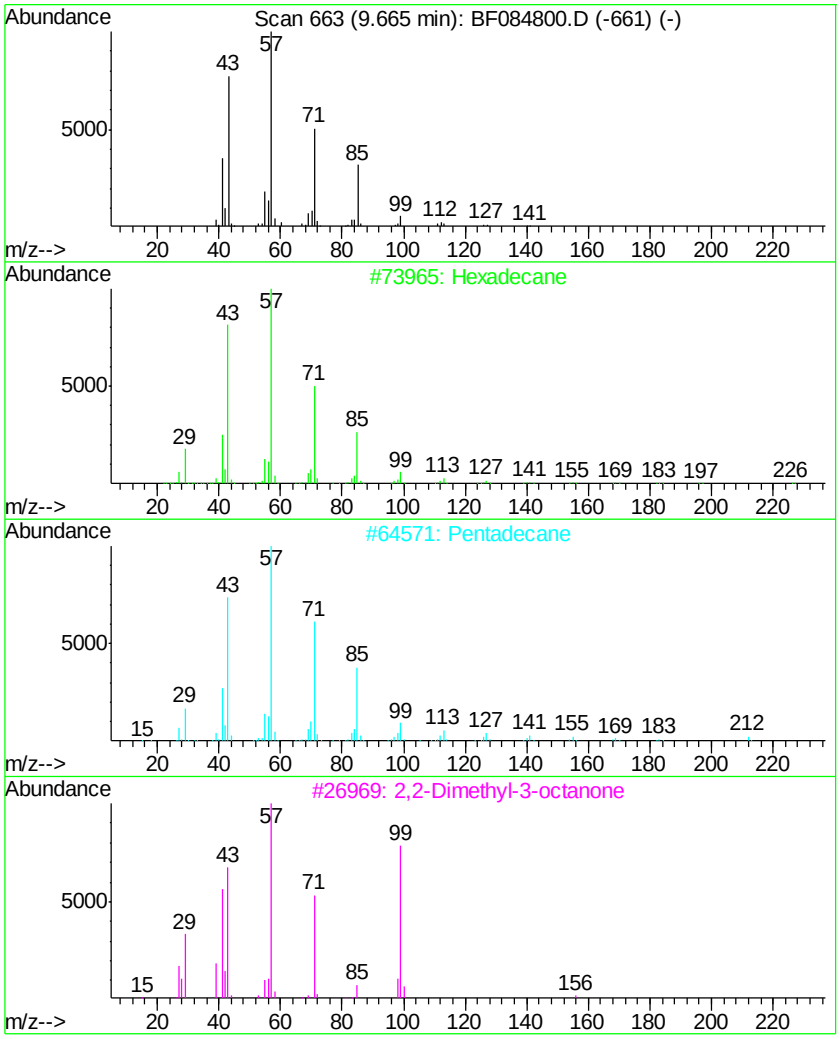
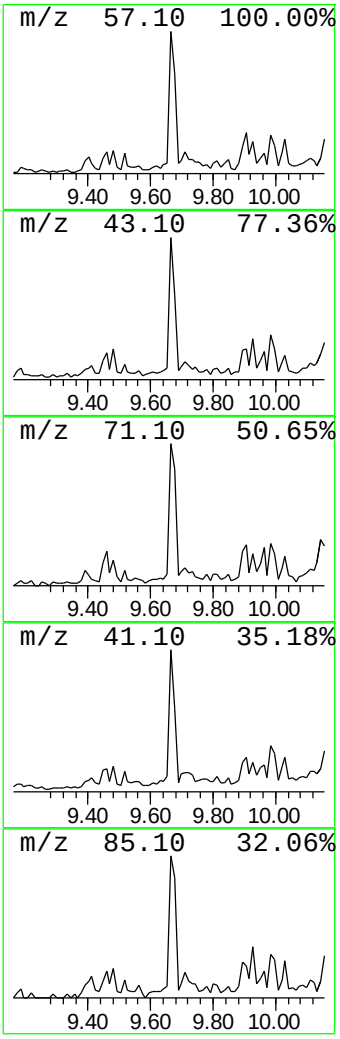
Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	2.23 ng	182930	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	78
3	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	59
4	Heptadecane	240	C17H36	000629-78-7	59
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59





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Instrument : BNA_F
ClientSampleId : SOUTH-SIDEWALL(11.5)

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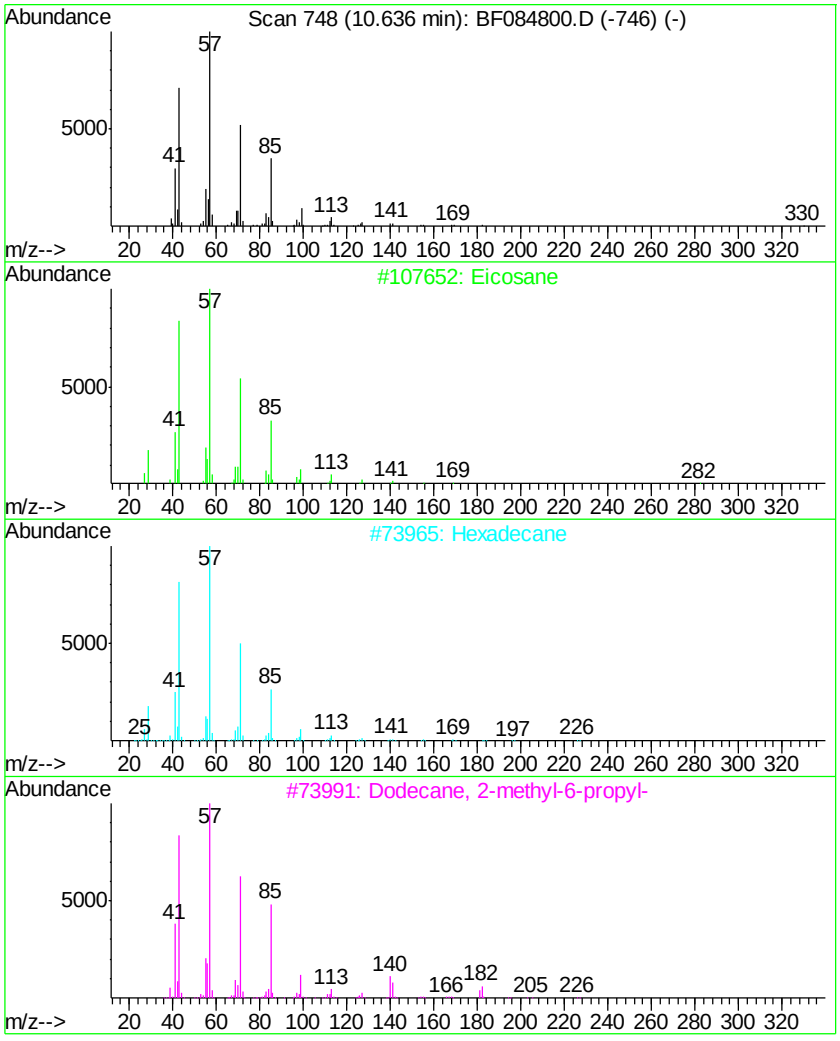
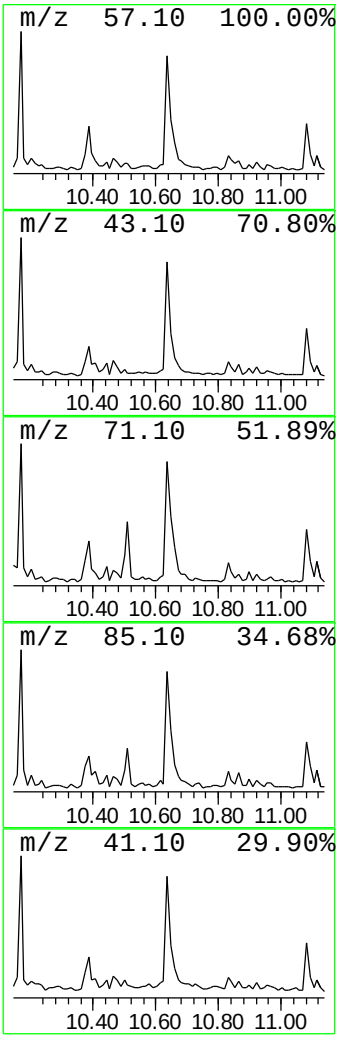
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	4.26 ng	333766	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Octacosane	394	C28H58	000630-02-4	83





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Sample : H1331-05
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOUTH-SIDEWALL(11.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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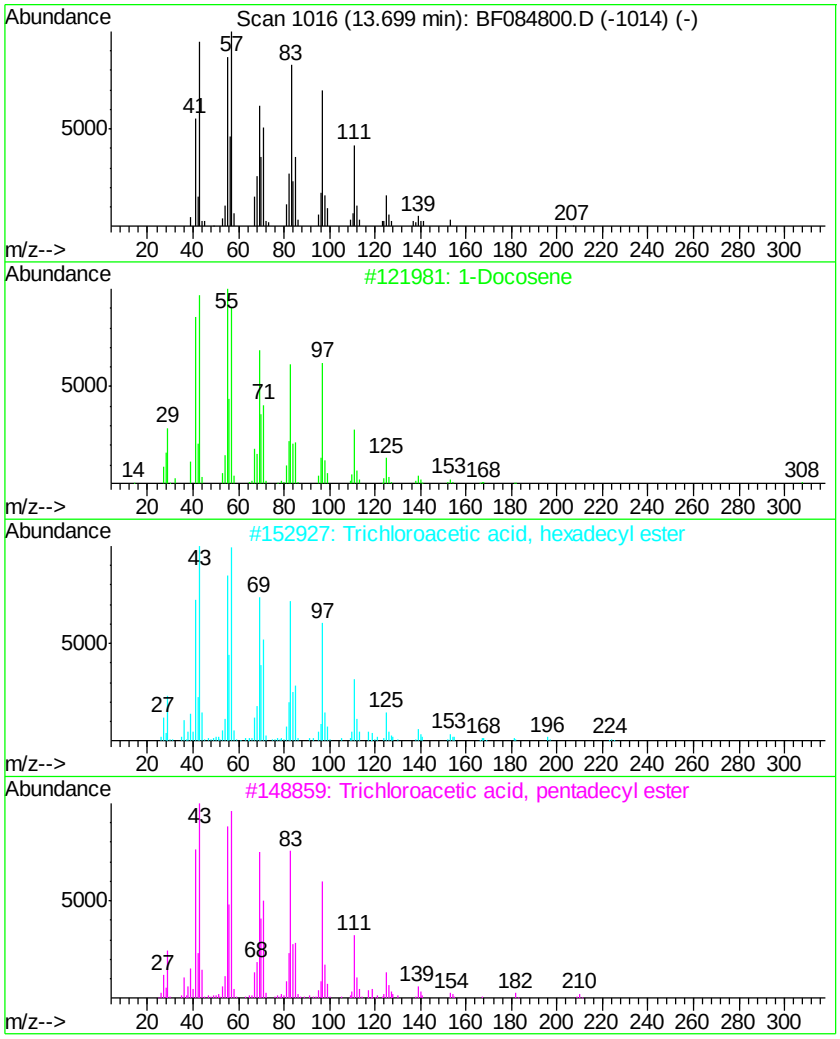
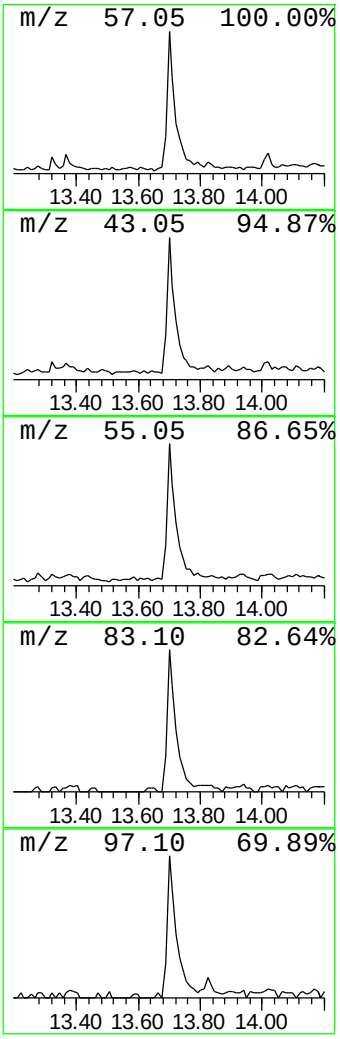
Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.32 ng	311062	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	11-Tricosene	322	C23H46	052078-56-5	86





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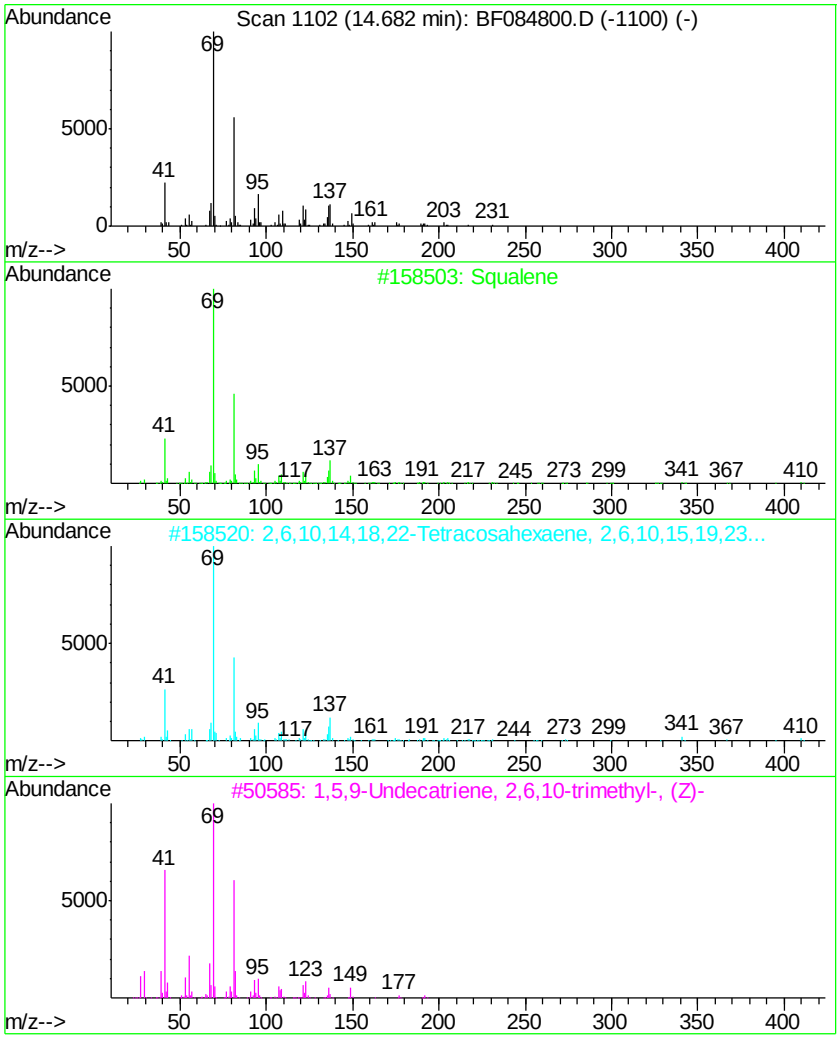
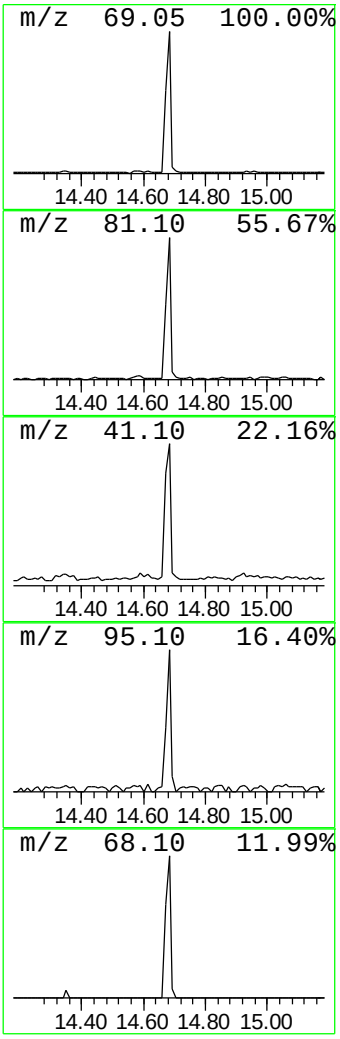
Peak Number 8 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	5.58 ng	277132	Perylene-d12	15.21

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	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	86
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	74
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.84	32.8	ng	1787760	1	6.68	1090030	20.0
unknown6.45	6.45	77.8	ng	4238500	1	6.68	1090030	20.0
Hexadecane	9.66	2.2	ng	182930	3	9.72	1642600	20.0
Eicosane	10.64	4.3	ng	333766	4	11.20	1565940	20.0
1-Docosene	13.70	4.3	ng	311062	5	13.82	1441690	20.0
Squalene	14.68	5.6	ng	277132	6	15.21	993144	20.0