LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

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-BF061715.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	4.481	119	122	124	rVB	31963	42611	2.53%	0.266%
2	5.533	212	214	217	rBV	324576	310896	18.49%	1.940%
3	5.933	246	249	251	rBV	1333550	1298495	77.24%	8.102%
4	6.333	281	284	286	rBV	23845	21964	1.31%	0.137%
5	6.550	301	303	308	rBV	34502	41065	2.44%	0.256%
6	6.927	333	336	338	rBV	1096023	1304451	77.59%	8.139%
7	7.087	348	350	352	rBV	1715542	1418333	84.37%	8.849%
8	7.133	352	354	360	rVB	15605	17561	1.04%	0.110%
9	7.316	368	370	373	rBV	255586	340895	20.28%	2.127%
10	7.476	382	384	387	rBV	938053	996376	59.27%	6.217%
11	7.876	417	419	421	rBV	1040599	826202	49.15%	5.155%
12	8.607	481	483	486	rBV	434319	463529	27.57%	2.892%
13	9.156	529	531	533	rBV	39075	34736	2.07%	0.217%
14	9.556	564	566	569	rBV	21566	24696	1.47%	0.154%
15	9.693	575	578	580	rVB	1207721	1483599	88.25%	9.257%
16	10.070	610	611	614	rBV3	104893	115161	6.85%	0.719%
17	10.379	636	638	641	rVB	459636	558093	33.20%	3.482%
18	11.088	698	700	703	rBV	124869	117626	7.00%	0.734%
19	11.179	705	708	710	rBV	942116	1010916	60.13%	6.307%
20	11.888	768	770	772	rBV	789530	662678	39.42%	4.135%
21	13.156	880	881	883	rBV	17104	17890	1.06%	0.112%
22	13.419	899	904	907	rBV3	30137	62047	3.69%	0.387%
23	13.557	914	916	919	rBV	1462128	1681147	100.00%	10.489%
24	13.785	933	936	937	rBV3	16710	22800	1.36%	0.142%
25	14.094	958	963	965	rBV2	55869	93936	5.59%	0.586%
26	14.608	1005	1008	1015	rBV2	159333	328703	19.55%	2.051%
27	14.814	1024	1026	1029	rBV	601568	790644	47.03%	4.933%
28	15.020	1041	1044	1049	rBV3	25317	58094	3.46%	0.362%
29	15.420	1077	1079	1083	rBV	154843	251170	14.94%	1.567%
30	16.243	1149	1151	1153	rBV	142313	231360	13.76%	1.444%
31	16.677	1186	1189	1192	rBV	459232	657567	39.11%	4.103%
32	16.985	1214	1216	1219	rBV	67217	118683	7.06%	0.740%
33	17.294	1240	1243	1246	rBV	102757	204389	12.16%	1.275%
34	17.351	1246	1248	1252	rVV4	41430	91463	5.44%	0.571%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-3

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-BF061715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.591	1267	1269	1280	rVB4	65061	218943	13.02%	1.366%
36	18.311	1329	1332	1337	rVB	46877	108907	6.48%	0.679%

Sum of corrected areas: 16027626

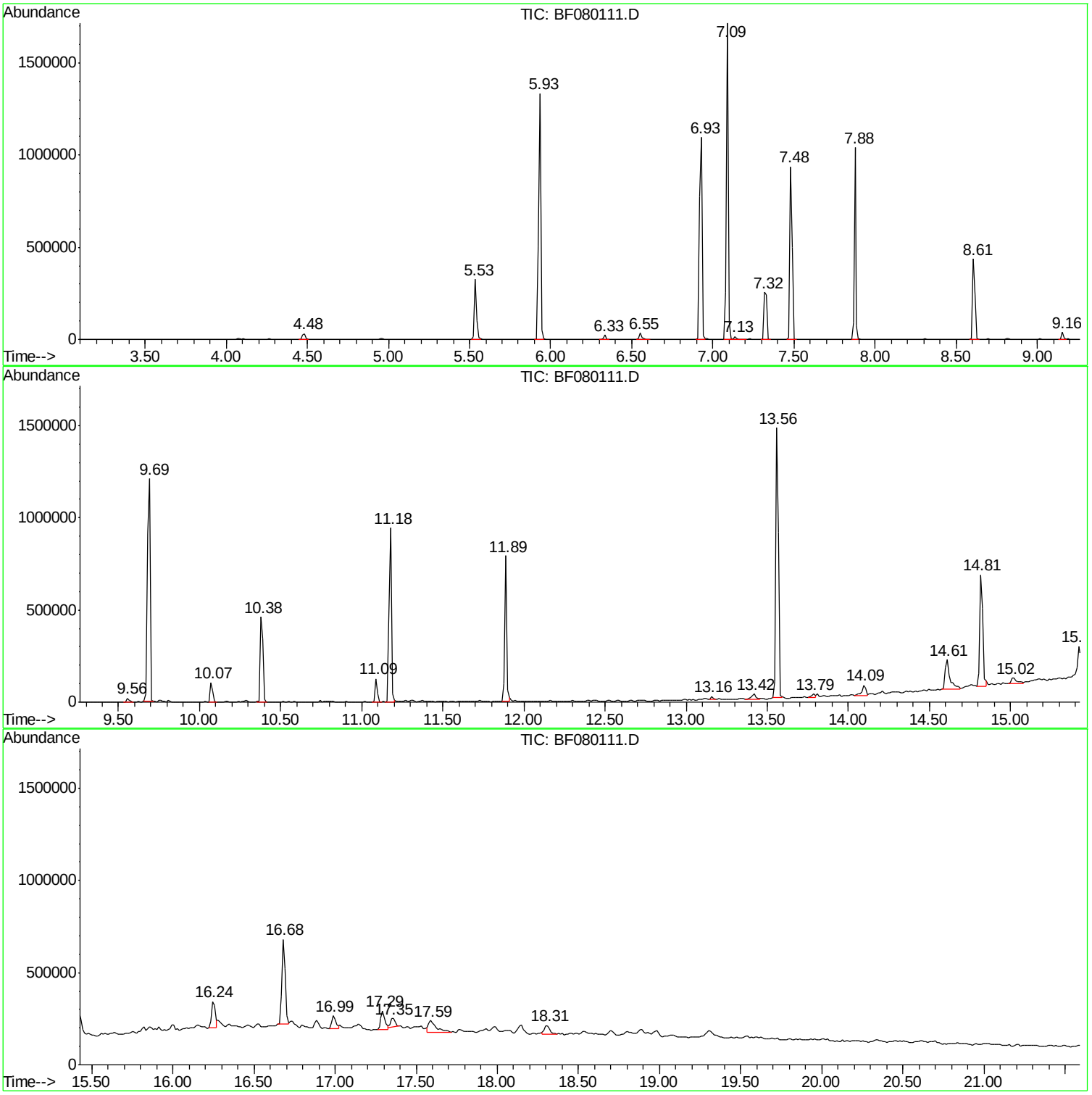
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

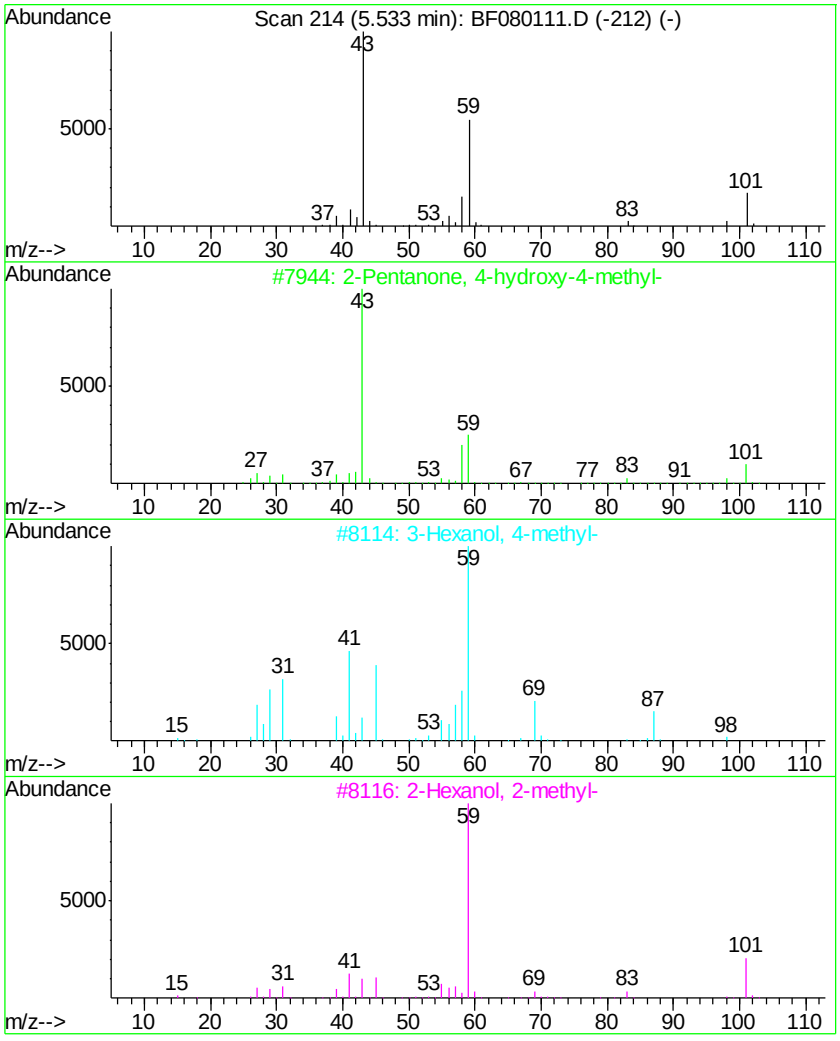
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

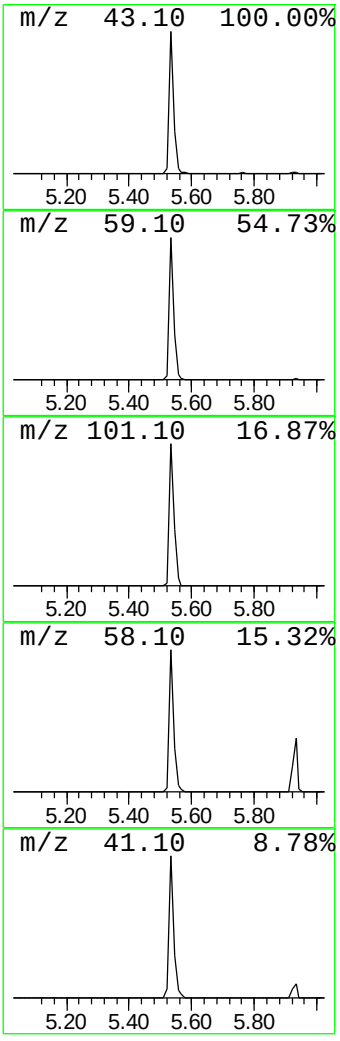
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	18.24 ng	310896	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

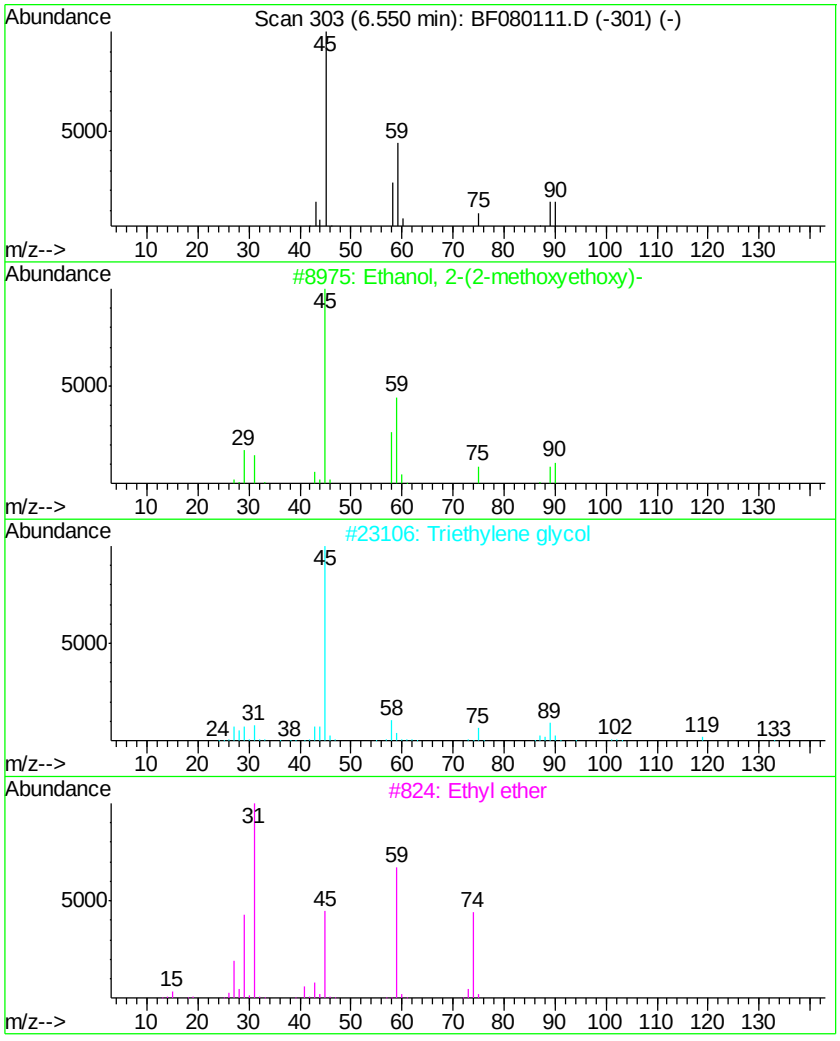
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

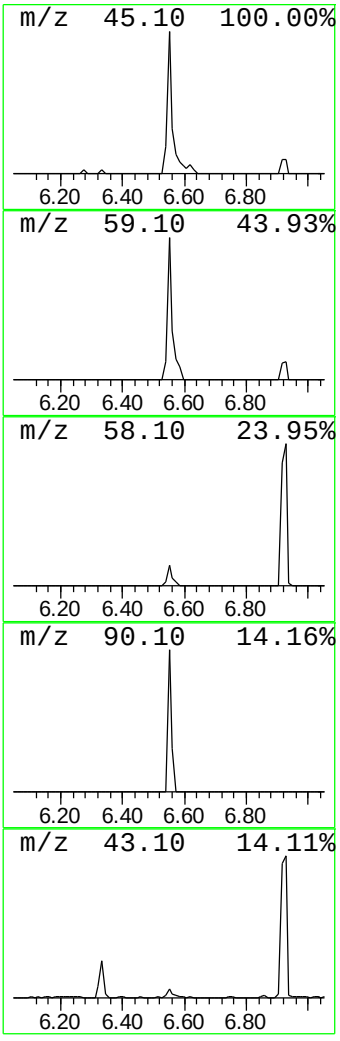
****

Peak Number 3 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	2.41 ng	41065	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	Triethylene glycol	150	C6H14O4	000112-27-6	28
3	Ethyl ether	74	C4H10O	000060-29-7	9
4	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	9
5	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

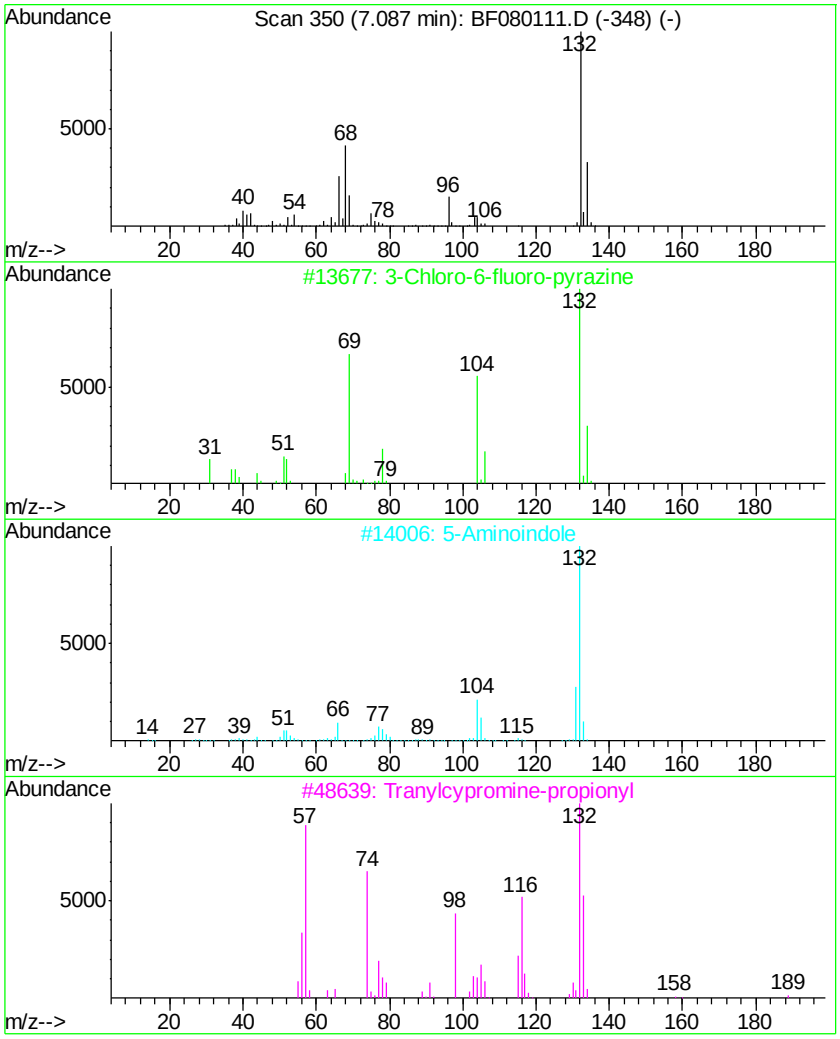
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

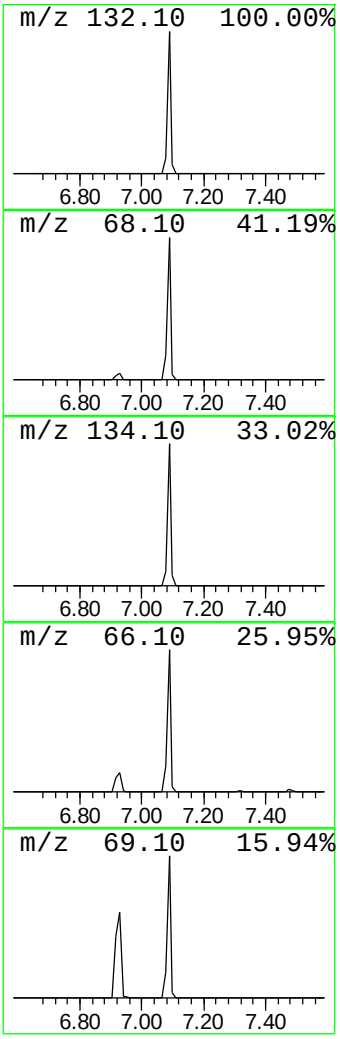
****

Peak Number 4 unknown7.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	83.21 ng	1418330	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

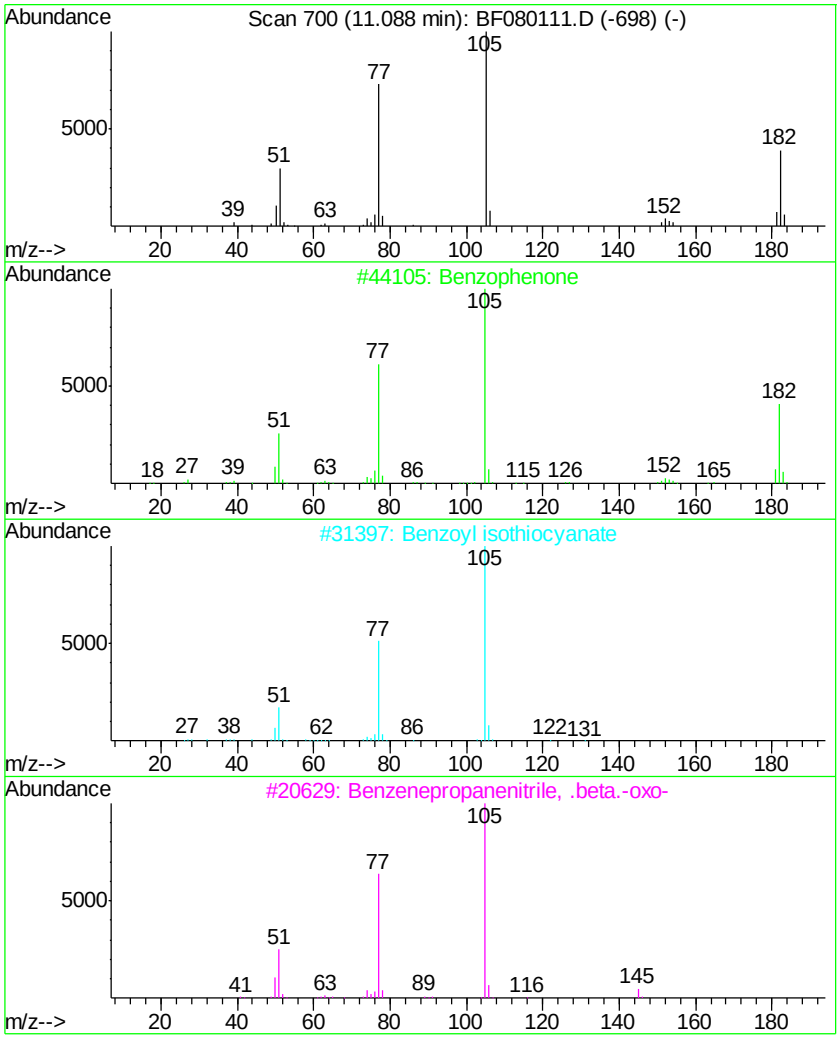
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

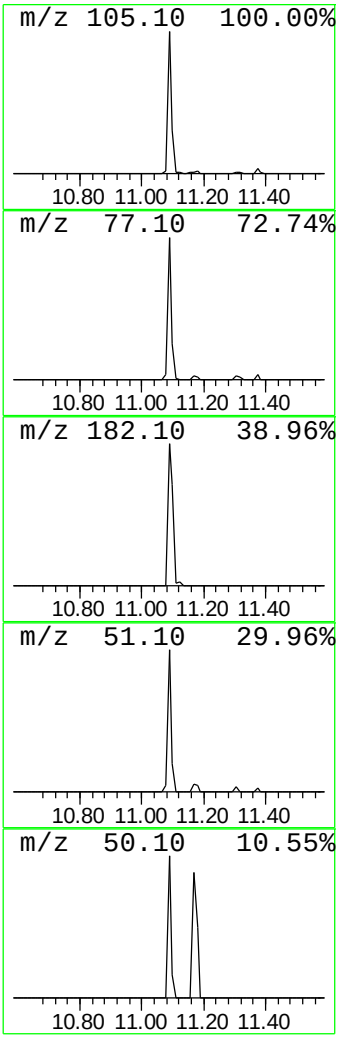
****

Peak Number 6 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	4.22 ng	117626	Acenaphthene-d10	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	50
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	50
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

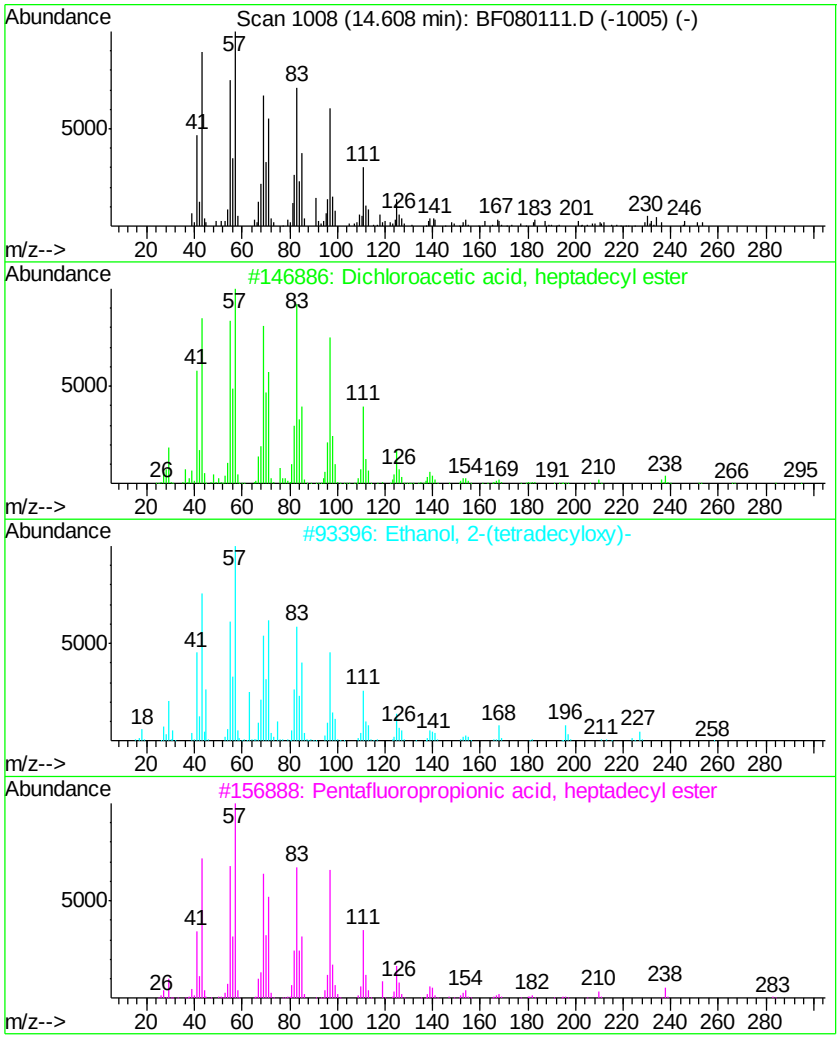
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

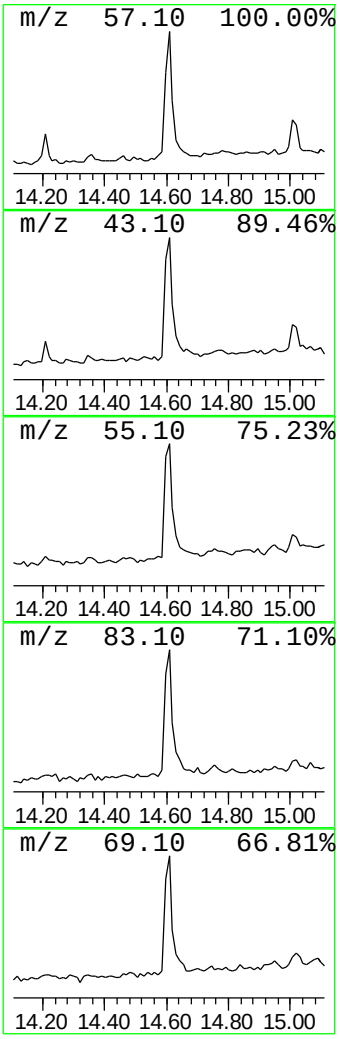
****

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	8.31 ng	328703	Chrysene-d12	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

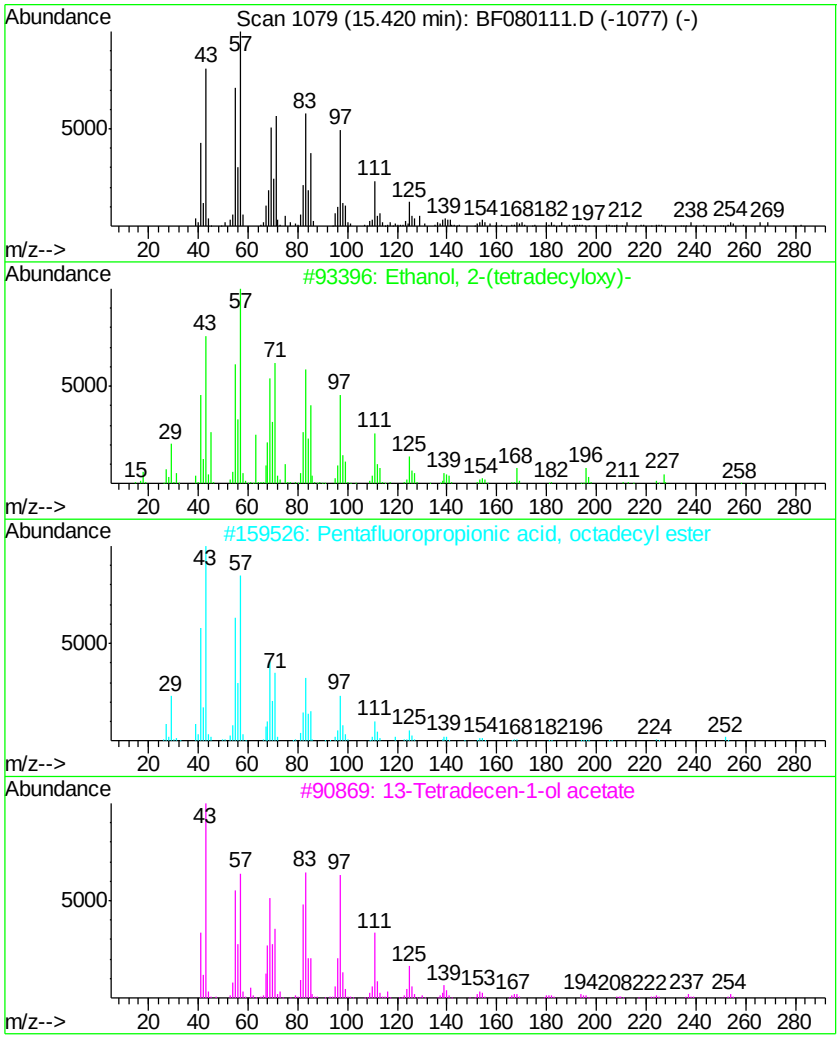
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

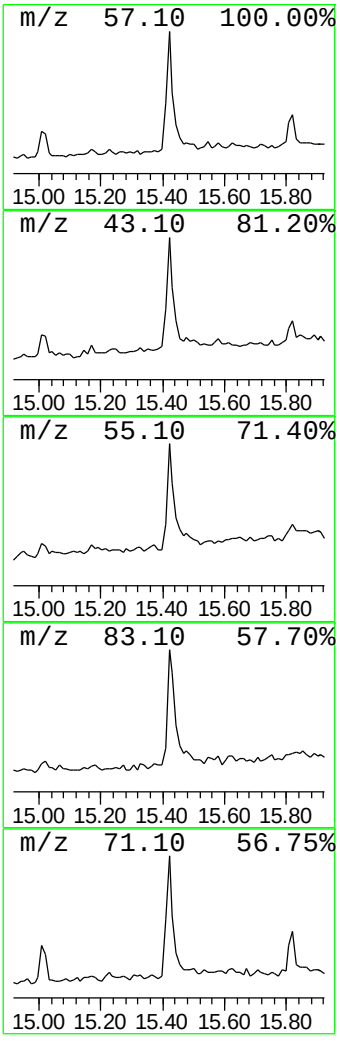
****

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	6.35 ng	251170	Chrysene-d12	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	89
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5	1-Nonadecanol	284	C19H40O	001454-84-8	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

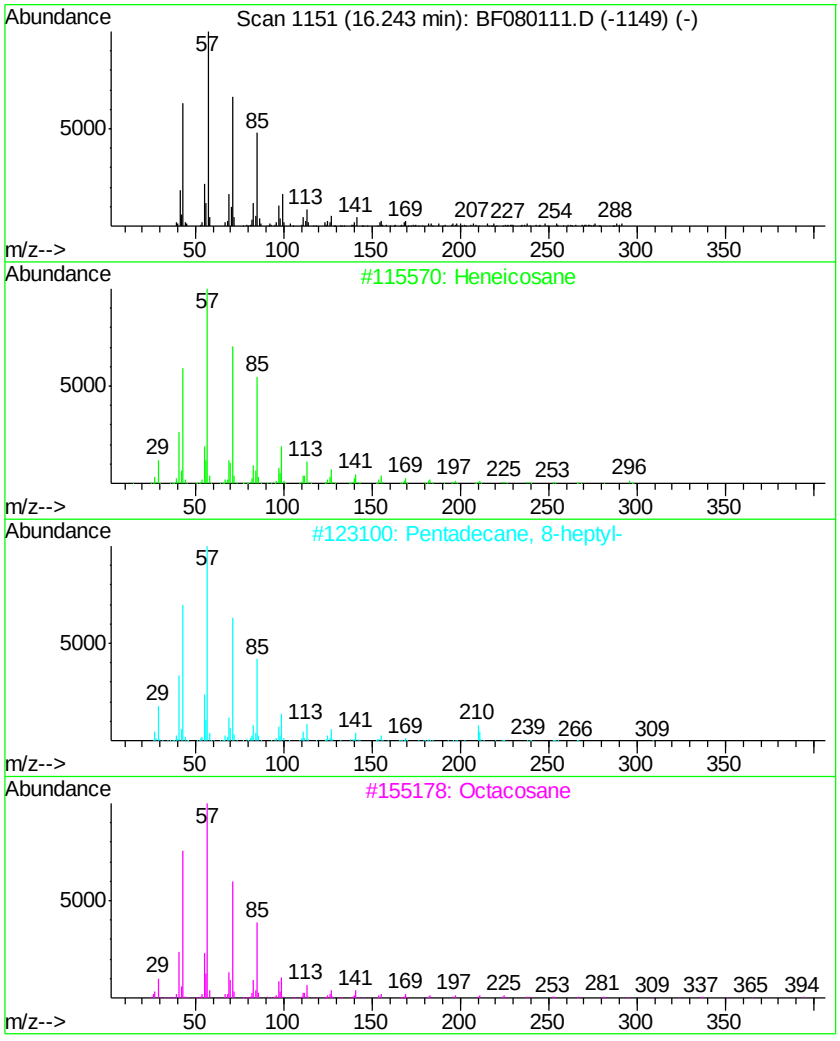
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

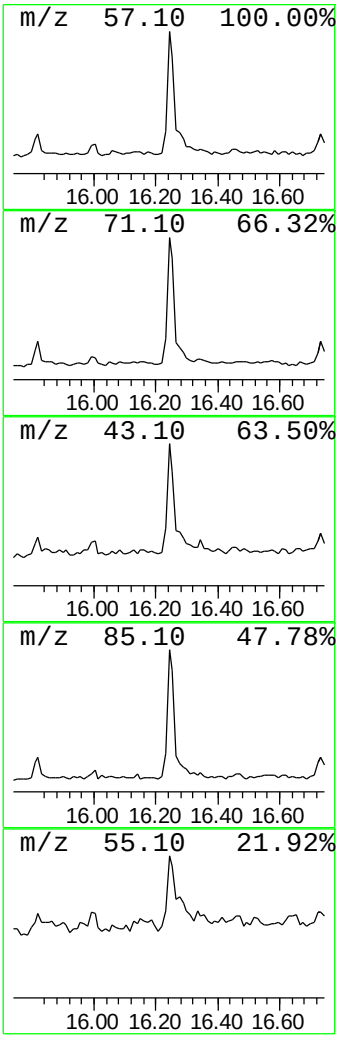
****

Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	7.04 ng	231360	Perylene-d12	16.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Pentacosane	352	C25H52	000629-99-2	86
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

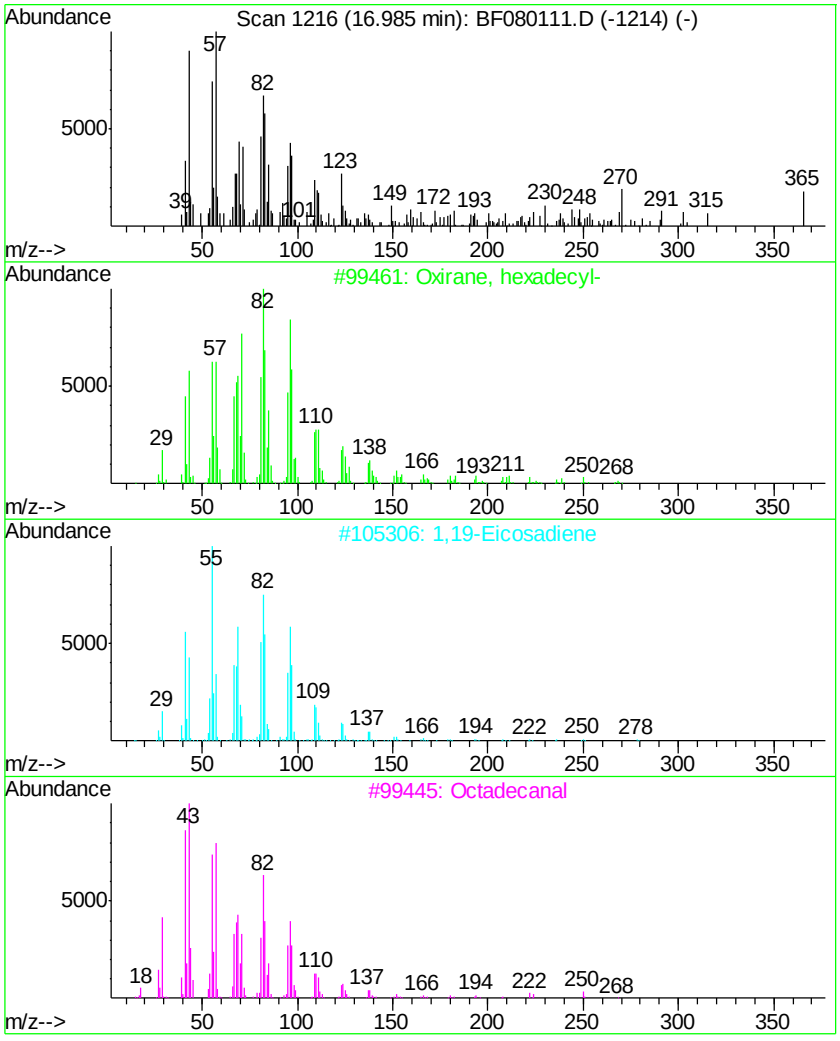
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

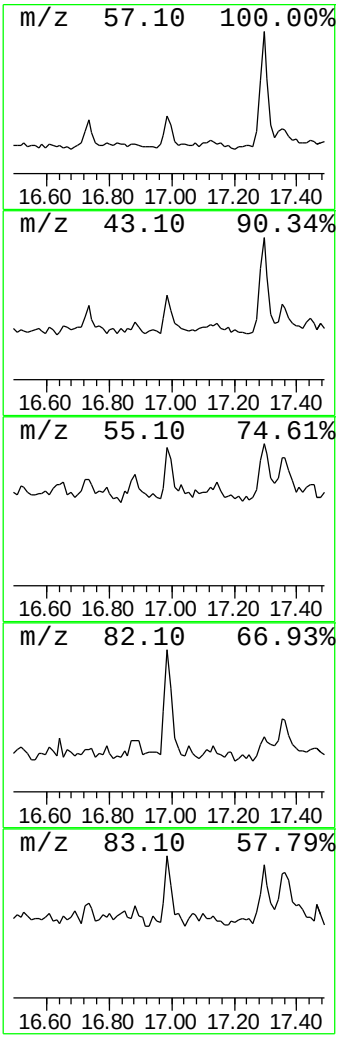
****

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	3.61 ng	118683	Perylene-d12	16.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	55
2	1,19-Eicosadiene	278	C20H38	014811-95-1	49
3	Octadecanal	268	C18H36O	000638-66-4	47
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	47
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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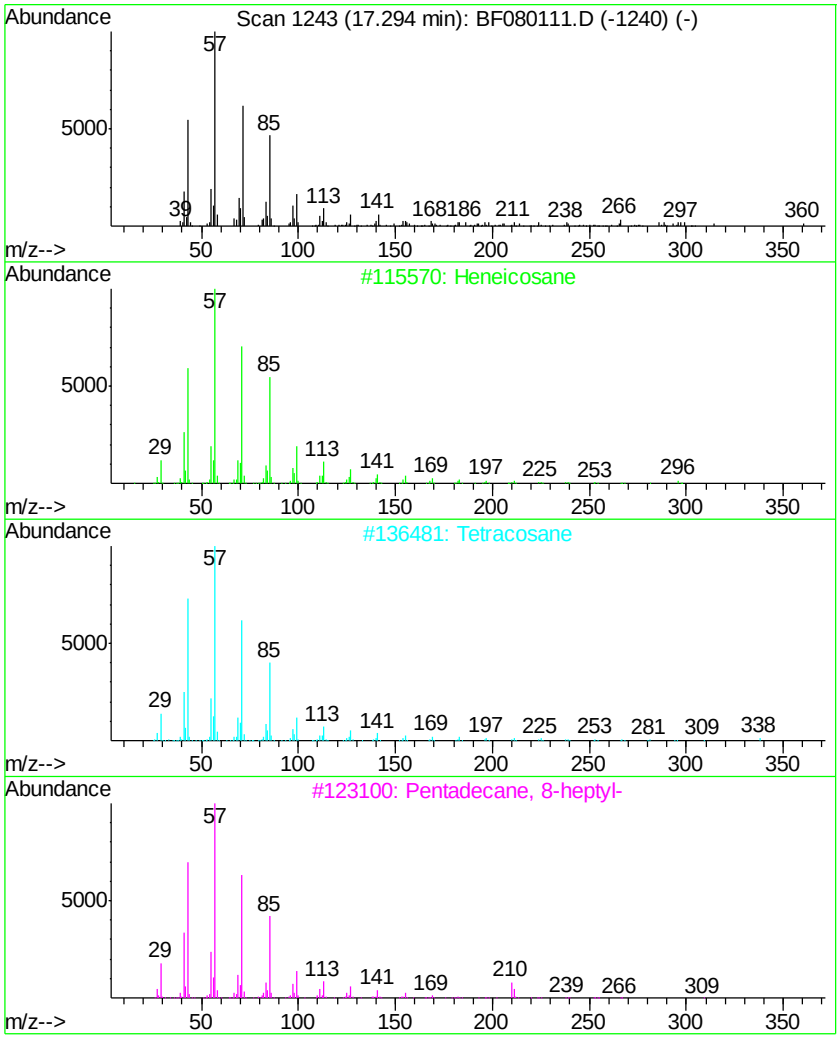
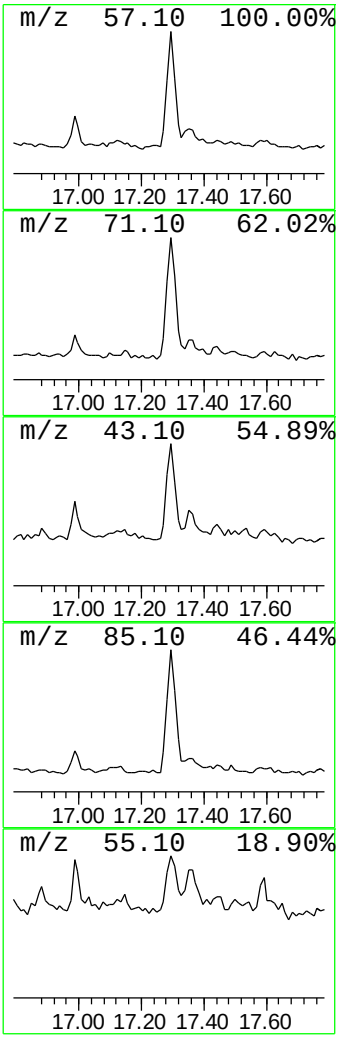
Peak Number 11 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	6.22 ng	204389	Perylene-d12	16.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Tetracosane	338	C24H50	000646-31-1	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Docosane	310	C22H46	000629-97-0	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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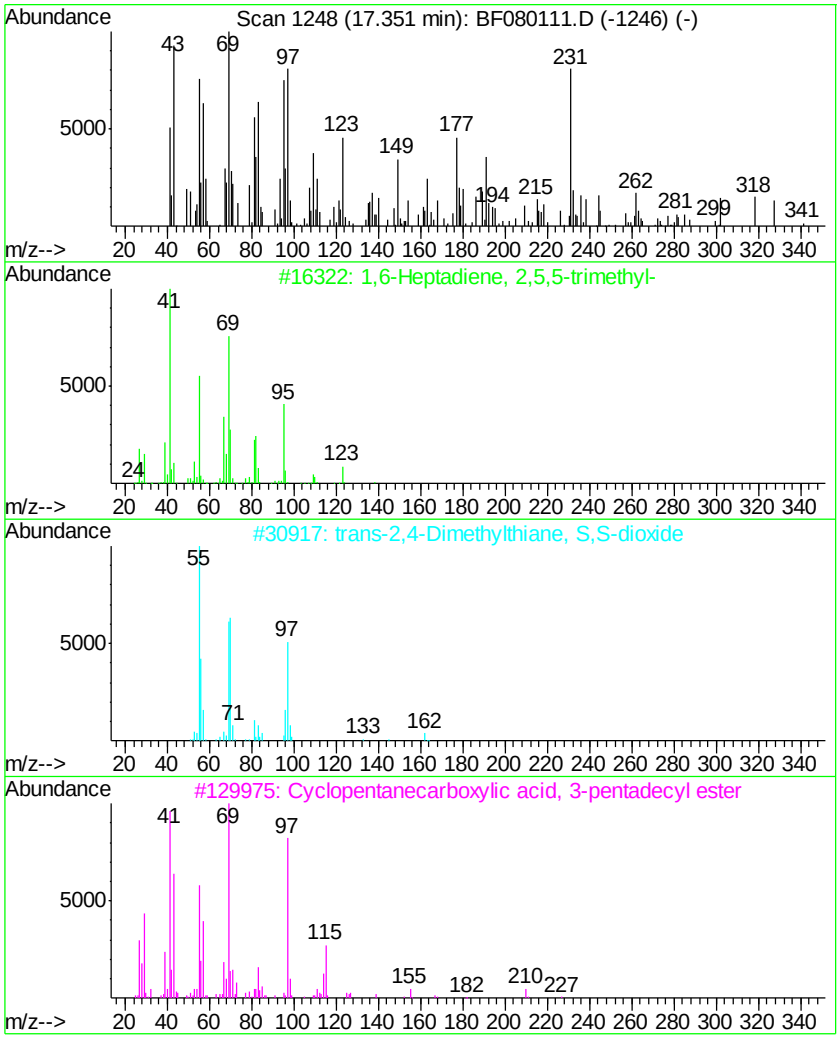
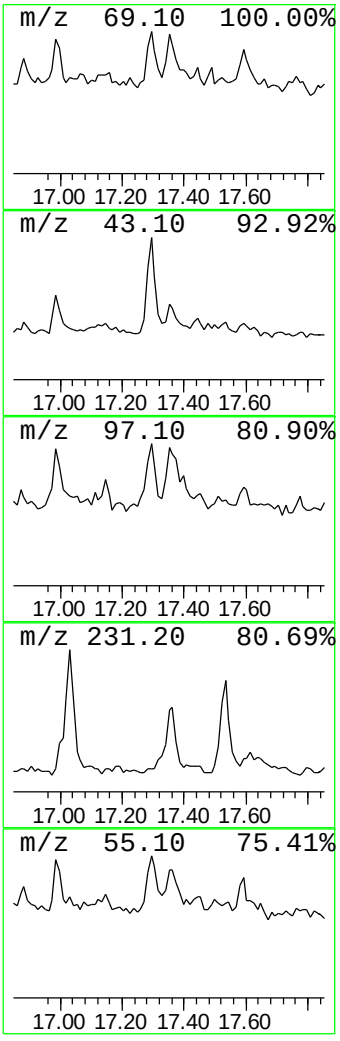
Peak Number 12 unknown17.35 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	2.78 ng	91463	Perylene-d12	16.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	22
2	trans-2,4-Dimethylthiane, S,S-di...	162	C7H14O2S	1000215-67-6	22
3	Cyclopentanecarboxylic acid, 3-p...	324	C21H40O2	1000280-59-1	14
4	1,2-Cyclohexanediol, cyclic sulf...	162	C6H10O3S	019456-19-0	14
5	12-Bromo-1-dodecanol	264	C12H25BrO	003344-77-2	14





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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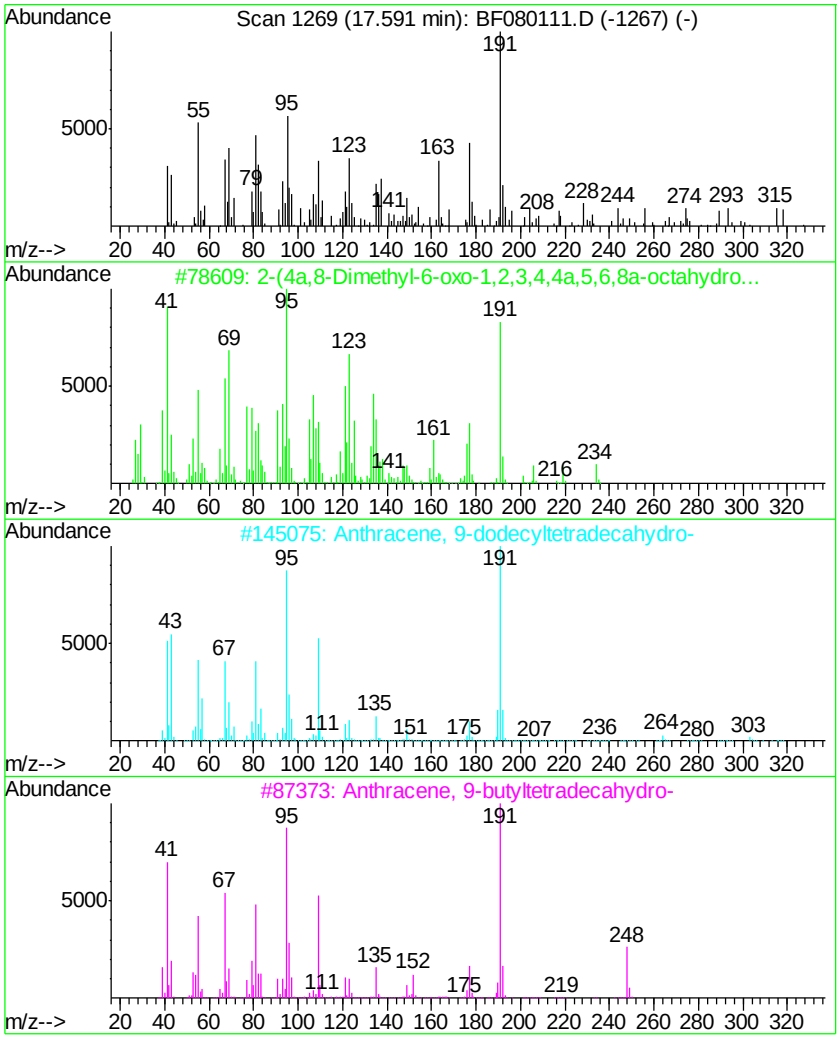
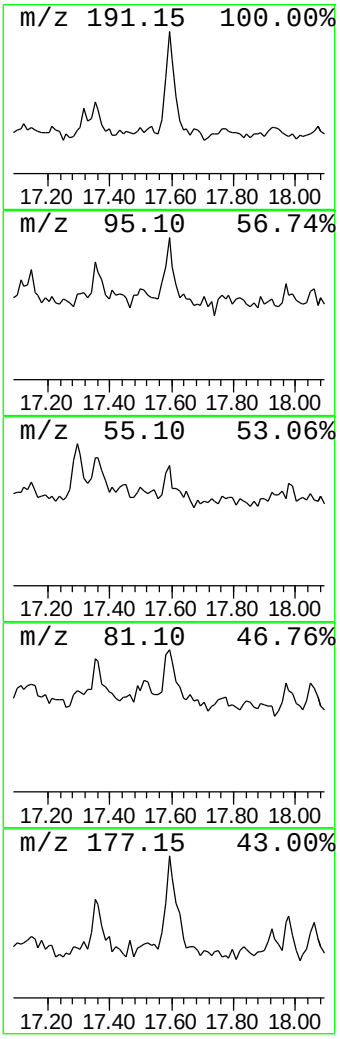
Peak Number 13 unknown17.59 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	6.66 ng	218943	Perylene-d12	16.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	32
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32
3	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	32
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27
5	2'-Fluoro-6'-(trifluoromethyl)-a...	206	C9H6F4O	174013-29-7	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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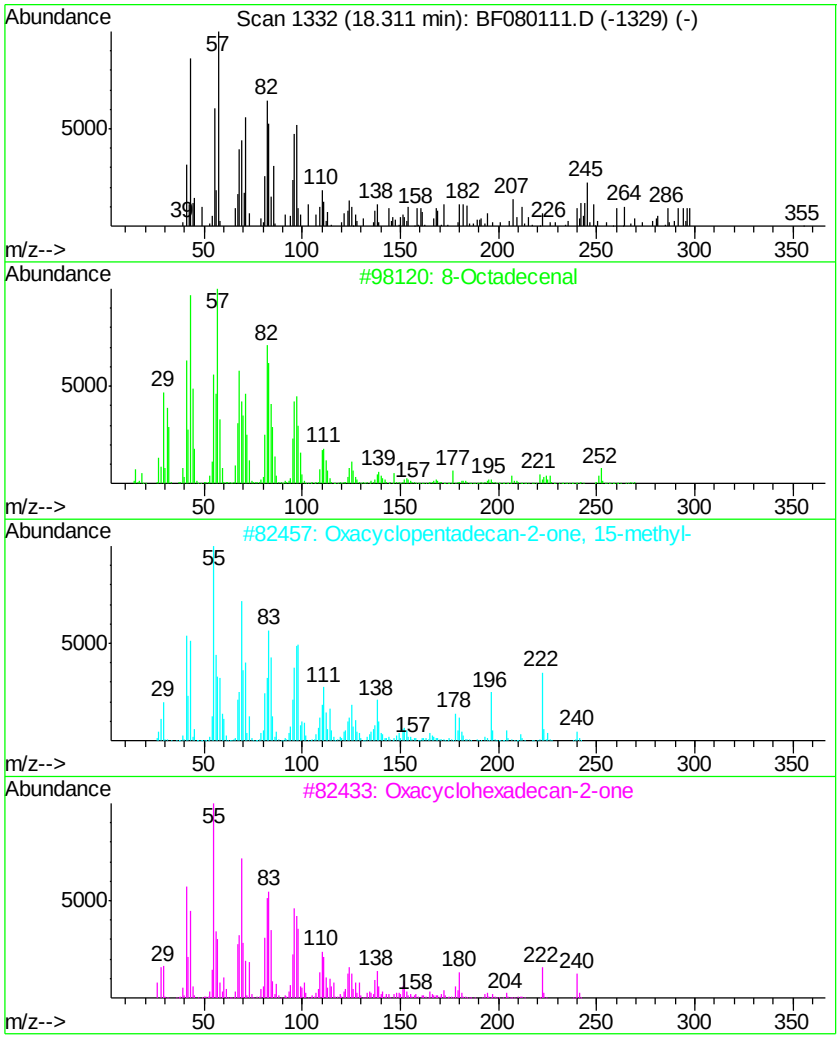
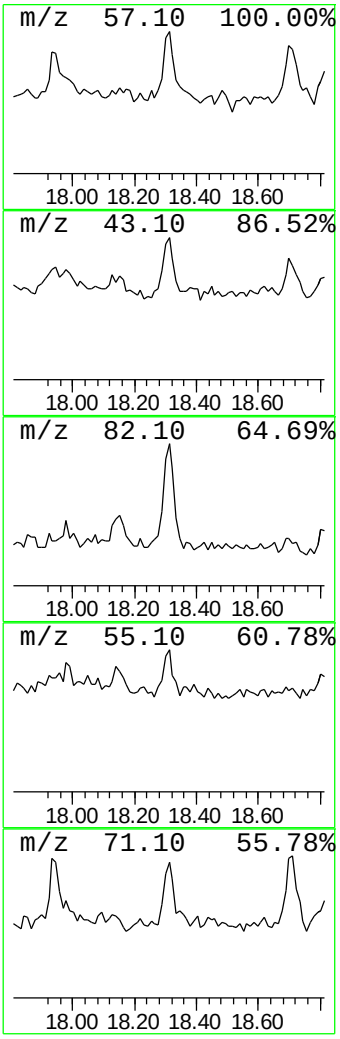
Peak Number 14 unknown18.31 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.31 ng	108907	Perylene-d12	16.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenal	266	C18H34O	056554-94-0	38
2	Oxacyclopentadecan-2-one, 15-met...	240	C15H28O2	032539-85-8	35
3	Oxacyclohexadecan-2-one	240	C15H28O2	000106-02-5	30
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	25
5	1,19-Eicosadiene	278	C20H38	014811-95-1	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080111.D
Acq On : 23 Jun 2015 1:31
Operator : TP/IZ
Sample : G2715-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	5.53	18.2	ng	310896	1	7.33	340895	20.0
Ethanol, 2-(2-met...	6.55	2.4	ng	41065	1	7.33	340895	20.0
unknown7.09	7.09	83.2	ng	1418330	1	7.33	340895	20.0
Benzophenone	11.09	4.2	ng	117626	3	10.38	558093	20.0
Dichloroacetic ac...	14.61	8.3	ng	328703	5	14.81	790644	20.0
Ethanol, 2-(tetra...	15.42	6.3	ng	251170	5	14.81	790644	20.0
Heneicosane	16.24	7.0	ng	231360	6	16.68	657567	20.0
Oxirane, hexadecyl-	16.99	3.6	ng	118683	6	16.68	657567	20.0
Tetracosane	17.29	6.2	ng	204389	6	16.68	657567	20.0
unknown17.35	17.35	2.8	ng	91463	6	16.68	657567	20.0
unknown17.59	17.59	6.7	ng	218943	6	16.68	657567	20.0
unknown18.31	18.31	3.3	ng	108907	6	16.68	657567	20.0