LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

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-BF101015.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	4.320	188	191	196	rBV	53571	85970	3.72%	0.249%
2	4.994	247	250	253	rBV	888689	1143766	49.50%	3.313%
3	5.417	284	287	290	rBV	1200375	1103151	47.74%	3.195%
4	6.457	376	378	381	rBV	1111900	1211630	52.43%	3.509%
5	6.594	387	390	392	rBV	926768	1261768	54.60%	3.654%
6	6.823	408	410	412	rBV	487975	427379	18.49%	1.238%
7	6.983	421	424	426	rBV	987534	1279290	55.36%	3.705%
8	7.395	457	460	462	rBV	962610	980140	42.41%	2.839%
9	8.115	520	523	525	rBV	586824	581634	25.17%	1.685%
10	9.189	615	617	620	rBV	1735068	1874693	81.13%	5.430%
11	9.589	649	652	654	rBV	181180	159265	6.89%	0.461%
12	9.795	668	670	674	rBV2	30010	46804	2.03%	0.136%
13	9.875	674	677	679	rVV	574436	703194	30.43%	2.037%
14	10.298	713	714	716	rVB	61072	43981	1.90%	0.127%
15	10.515	730	733	736	rBV	28117	44065	1.91%	0.128%
16	10.663	743	746	748	rBV	602326	695027	30.08%	2.013%
17	10.778	754	756	760	rBV	129436	184586	7.99%	0.535%
18	10.869	760	764	766	rBV2	35889	55775	2.41%	0.162%
19	11.098	783	784	786	rBV2	23912	38531	1.67%	0.112%
20	11.143	786	788	791	rVV4	20688	48905	2.12%	0.142%
21	11.224	793	795	796	rBV	226193	211248	9.14%	0.612%
22	11.246	796	797	800	rVB	119516	141631	6.13%	0.410%
23	11.315	801	803	805	rBV2	25609	45362	1.96%	0.131%
24	11.361	805	807	809	rBV	766017	762984	33.02%	2.210%
25	11.406	809	811	815	rVB2	45951	87191	3.77%	0.253%
26	11.498	817	819	820	rBV	43953	46275	2.00%	0.134%
27	11.532	820	822	824	rBV2	62153	78913	3.41%	0.229%
28	11.589	824	827	830	rBV3	215033	539568	23.35%	1.563%
29	11.658	830	833	835	rVV	354663	520842	22.54%	1.508%
30	11.704	835	837	839	rVV2	42973	81945	3.55%	0.237%
31	11.818	844	847	852	rBV3	173745	644561	27.89%	1.867%
32	11.909	852	855	857	rBV2	117174	306738	13.27%	0.888%
33	11.978	857	861	862	rBV3	154293	362888	15.70%	1.051%
34	12.069	867	869	870	rBV	558067	674110	29.17%	1.952%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.104	870	872	873	rBV2	69190	107524	4.65%	0.311%
36	12.218	881	882	887	rBV4	175640	471053	20.38%	1.364%
37	12.344	891	893	897	rVV2	382698	812962	35.18%	2.355%
38	12.412	897	899	901	rVV	402073	437882	18.95%	1.268%
39	12.458	901	903	905	rVV	882856	756735	32.75%	2.192%
40	12.561	911	912	914	rBV2	223195	338073	14.63%	0.979%
41	12.675	920	922	923	rBV	236626	220674	9.55%	0.639%
42	12.812	932	934	935	rBV	304111	461021	19.95%	1.335%
43	12.835	935	936	938	rVV	1136010	984072	42.58%	2.850%
44	12.961	944	947	951	rBV	1649539	2310848	100.00%	6.693%
45	13.201	965	968	969	rBV2	854729	997317	43.16%	2.888%
46	13.235	969	971	976	rVV3	300569	678293	29.35%	1.965%
47	13.327	977	979	984	rVB	514073	1016892	44.01%	2.945%
48	13.555	996	999	1001	rBV	841311	1213365	52.51%	3.514%
49	13.898	1027	1029	1035	rVB2	748685	1333983	57.73%	3.864%
50	14.035	1039	1041	1045	rVB2	713092	1370280	59.30%	3.969%
51	14.230	1056	1058	1060	rBV	609794	599005	25.92%	1.735%
52	14.561	1085	1087	1089	rBV	599263	719760	31.15%	2.085%
53	14.892	1114	1116	1123	rVB	481552	791792	34.26%	2.293%
54	16.035	1213	1216	1218	rBV	320838	526702	22.79%	1.525%
55	16.241	1232	1234	1244	rVB3	316631	963385	41.69%	2.790%
56	16.664	1269	1271	1279	rVB	400169	941776	40.75%	2.728%

Sum of corrected areas: 34527204

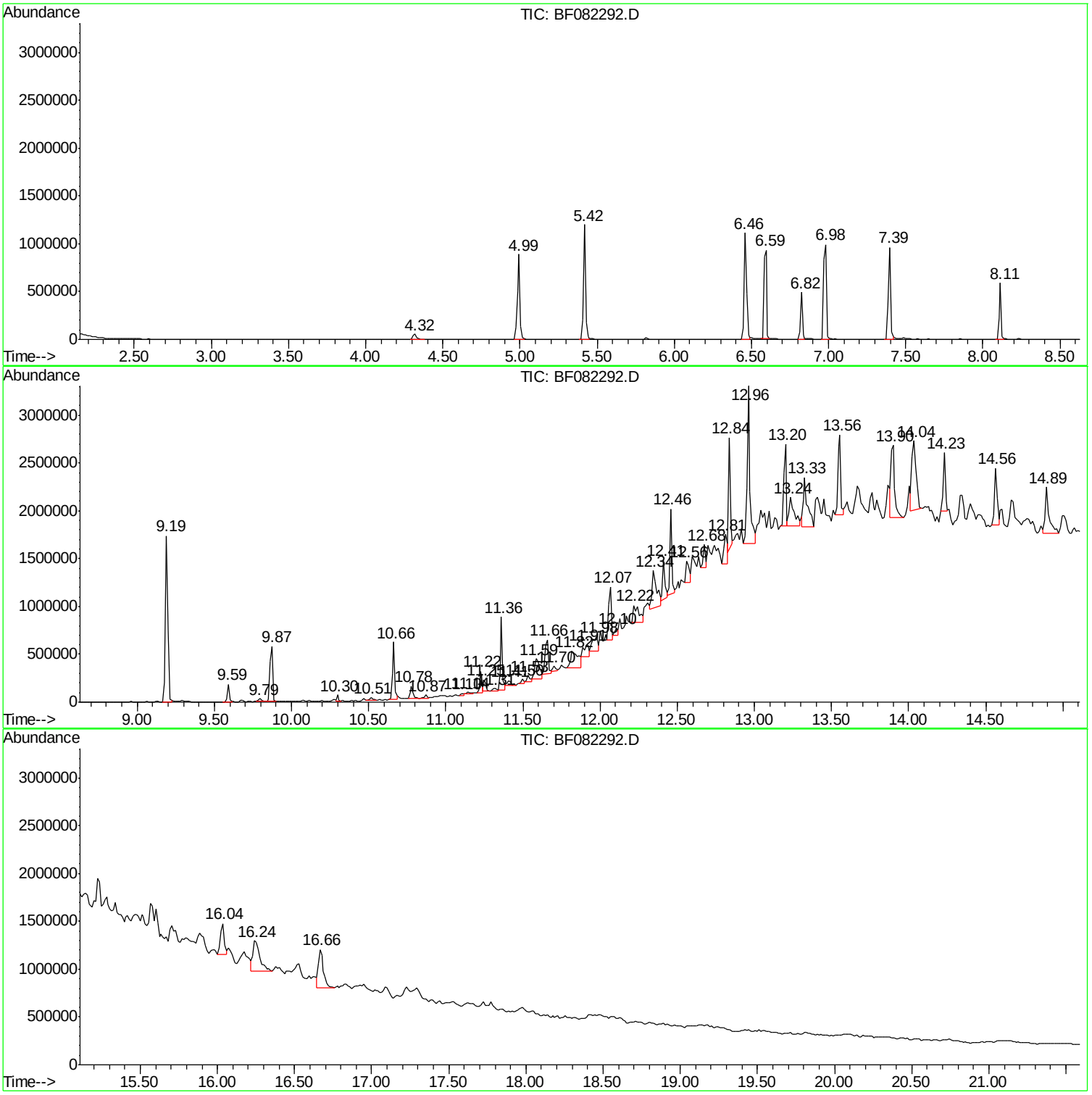
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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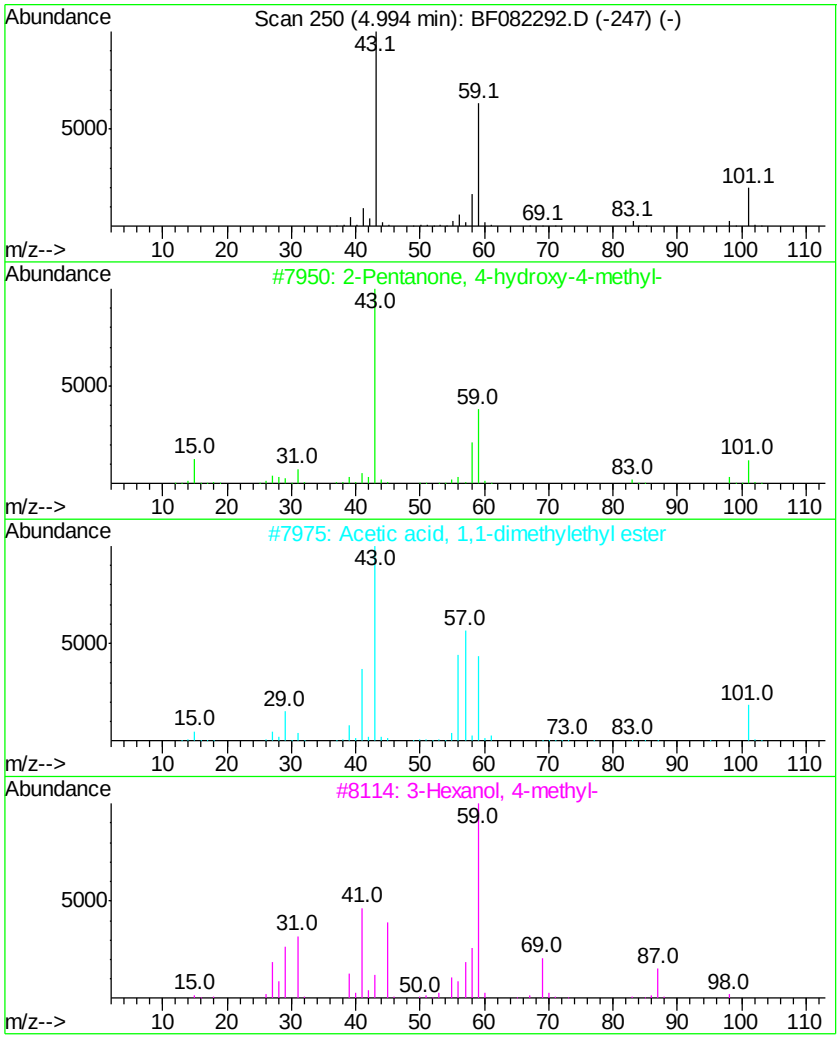
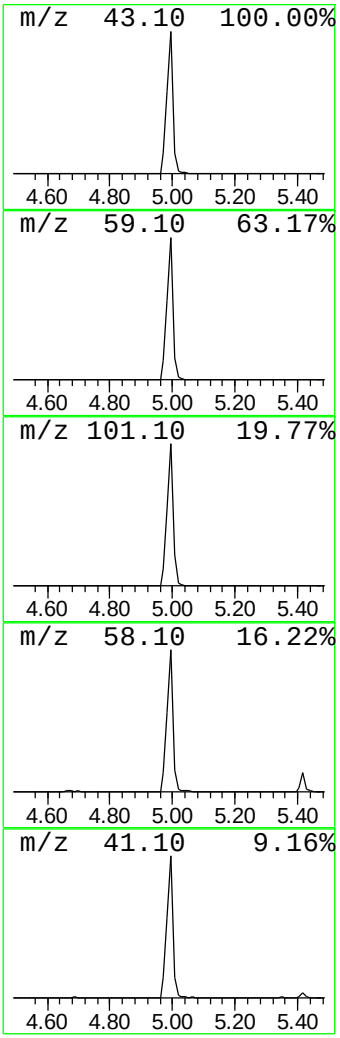
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	53.52 ng	1143770	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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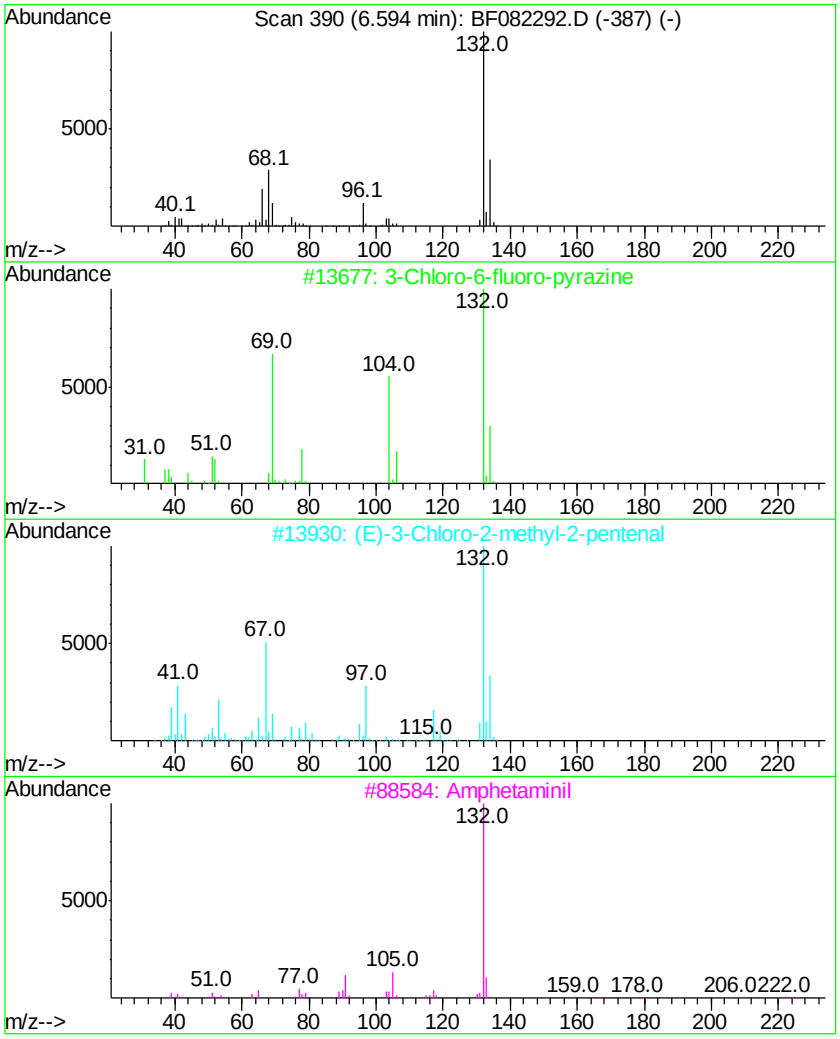
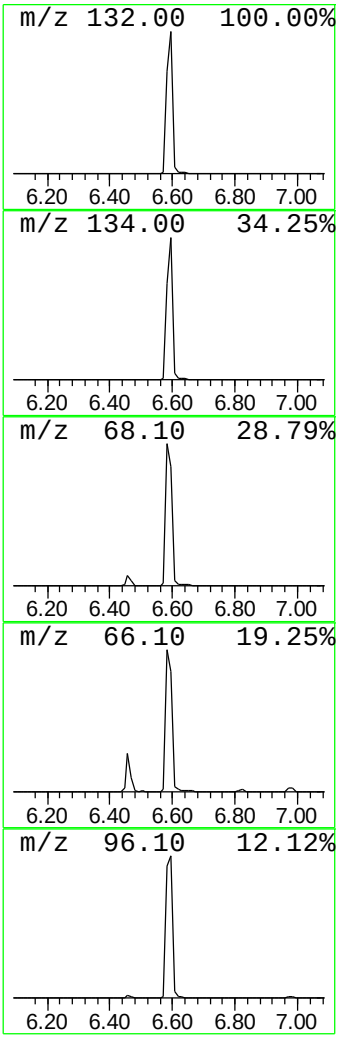
Peak Number 2 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	59.05 ng	1261770	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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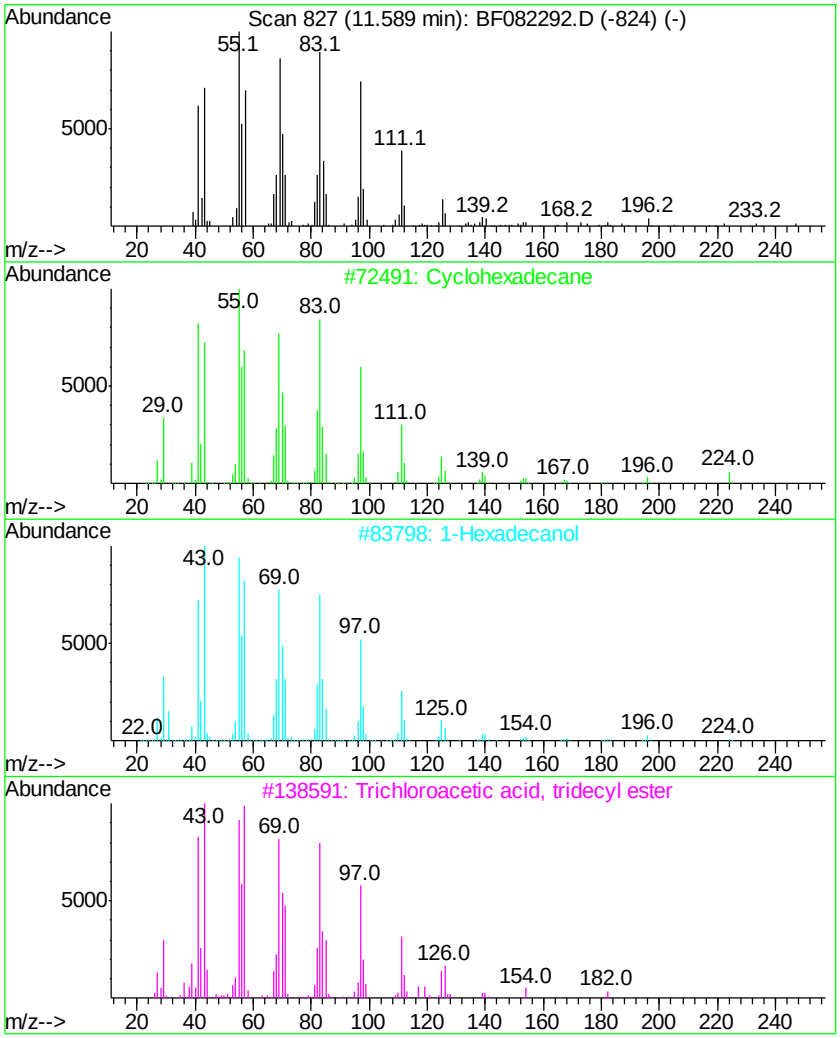
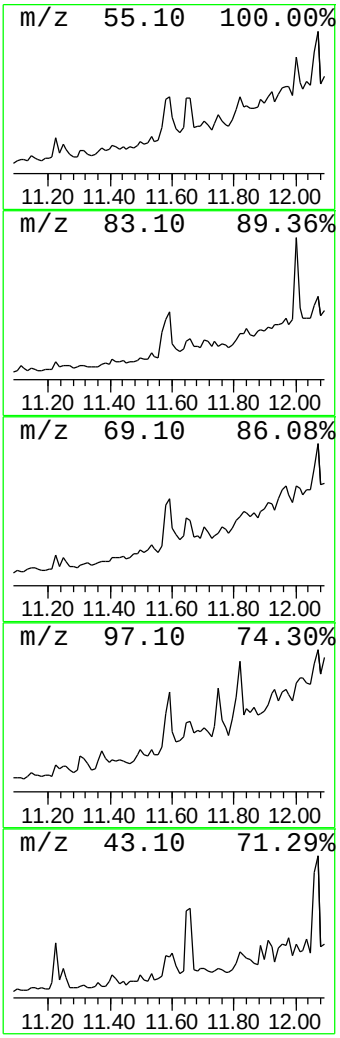
Peak Number 4 Cyclohexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	14.14 ng	539568	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	91
4	2-Tetradecene, (E)-	196	C14H28	035953-53-8	90
5	1-Tetradecene	196	C14H28	001120-36-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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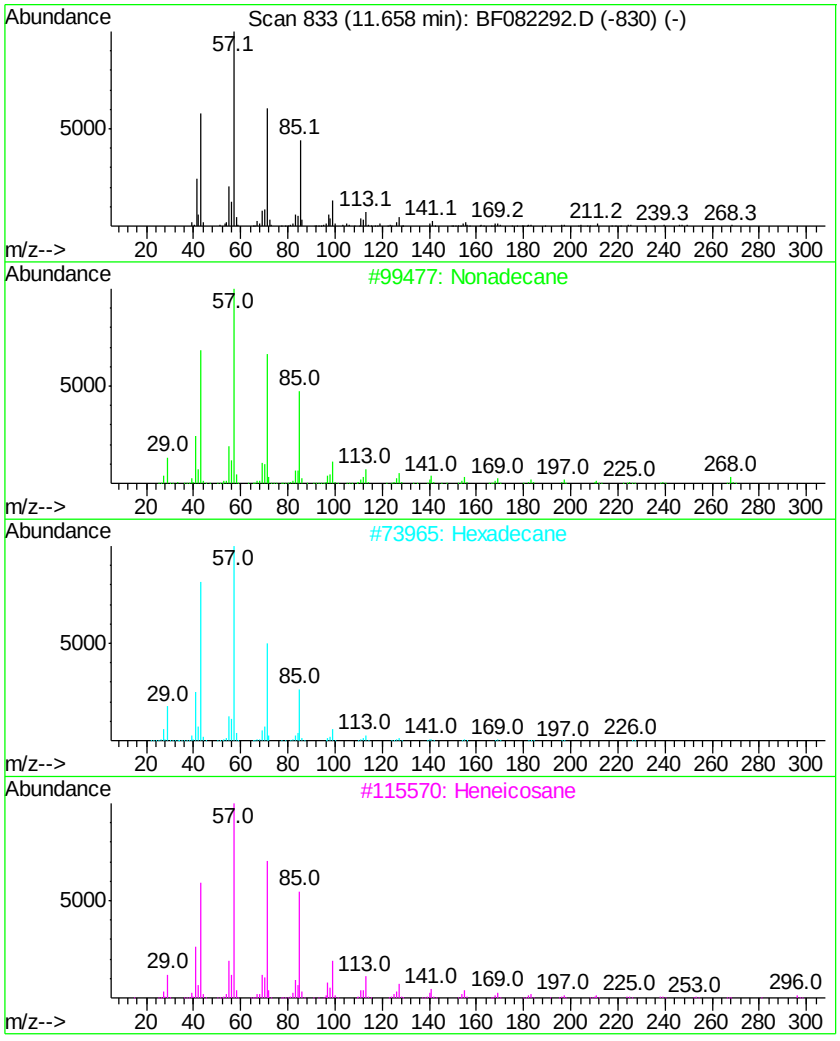
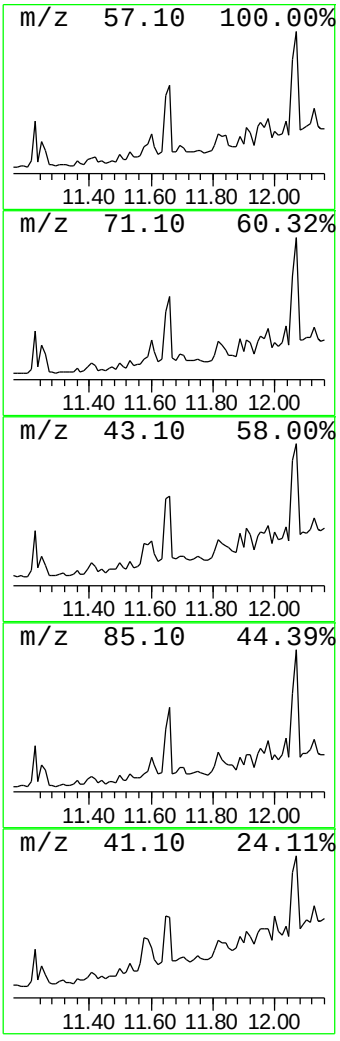
Peak Number 5 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	13.65 ng	520842	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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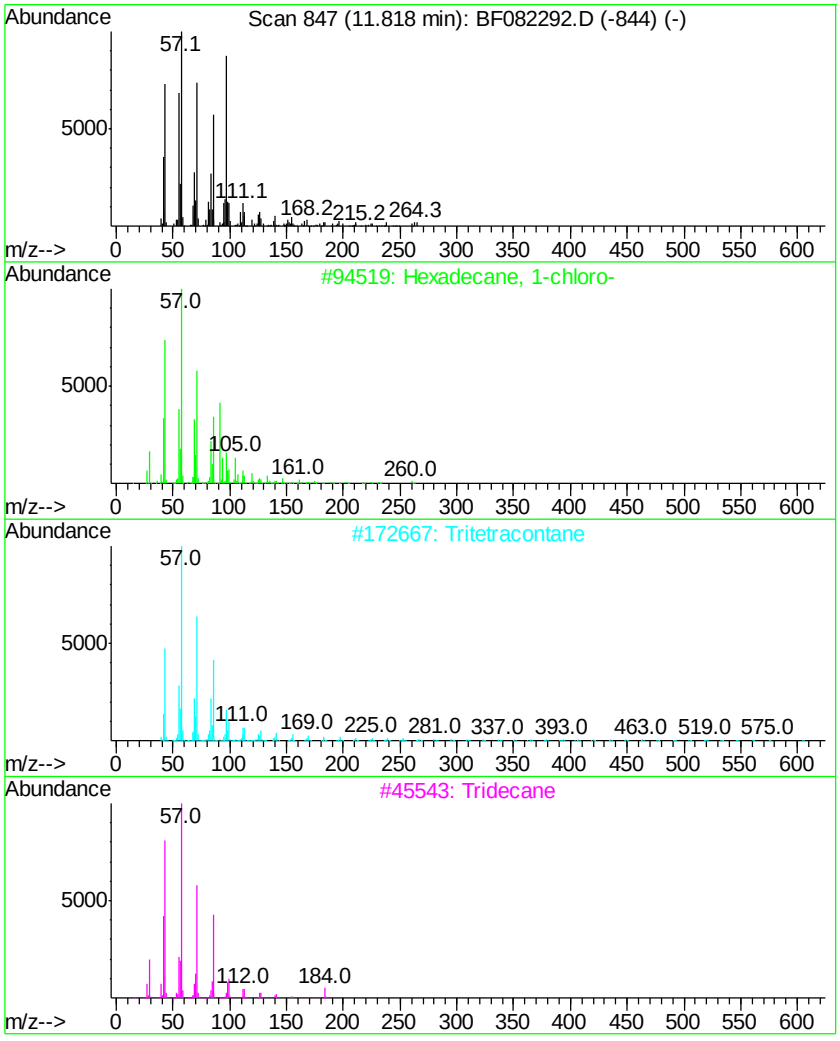
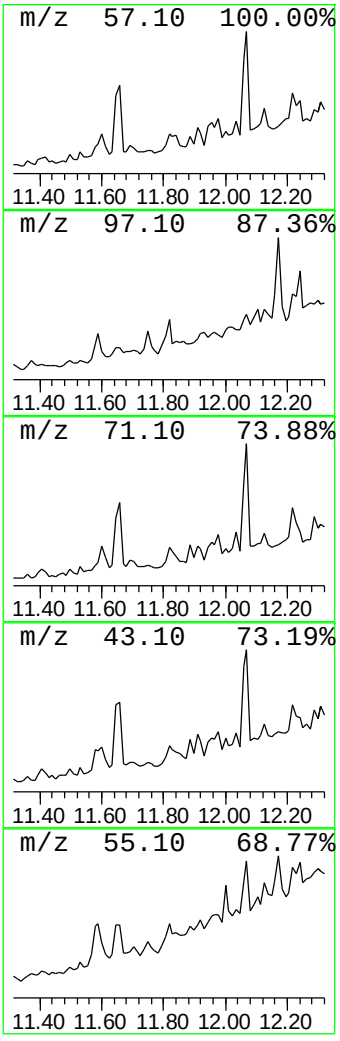
Peak Number 6 Hexadecane, 1-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	16.90 ng	644561	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	60
2	Tritetracontane	605	C43H88	007098-21-7	52
3	Tridecane	184	C13H28	000629-50-5	46
4	Tetradecane	198	C14H30	000629-59-4	43
5	Pentadecane	212	C15H32	000629-62-9	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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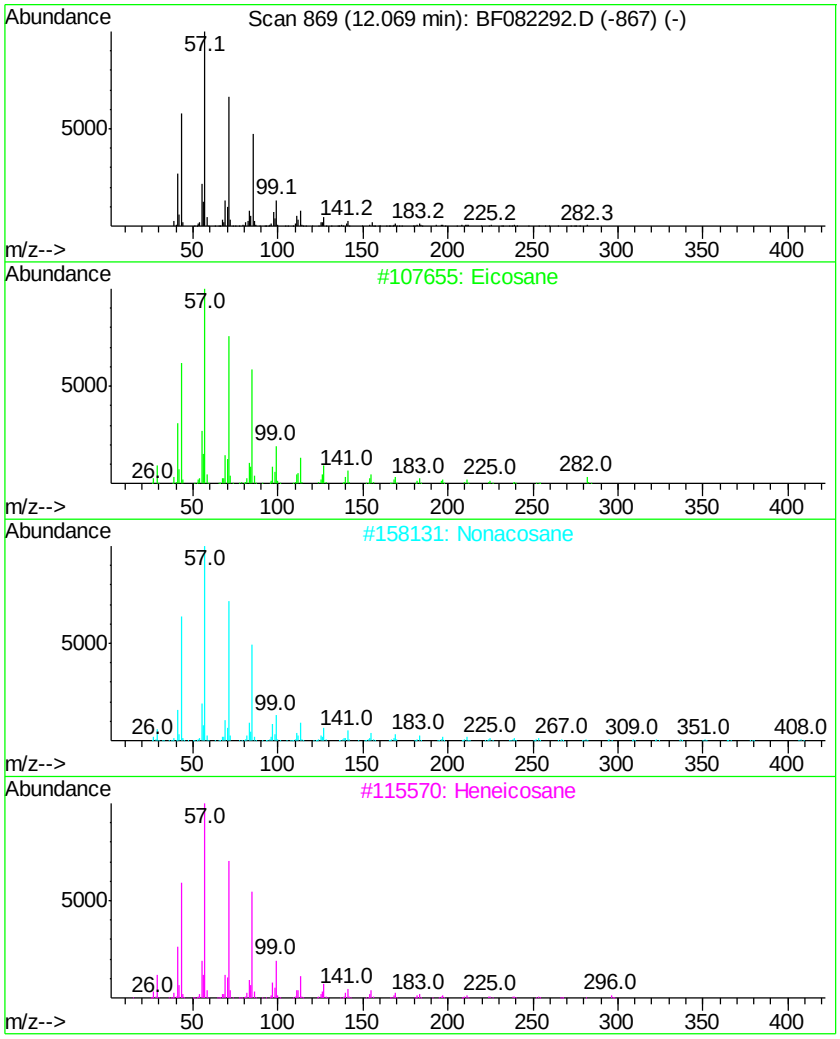
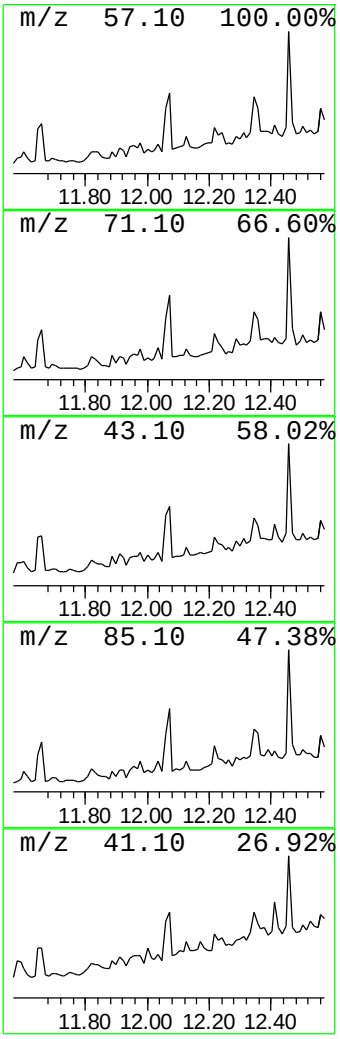
Peak Number 7 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	17.67 ng	674110	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonacosane	408	C29H60	000630-03-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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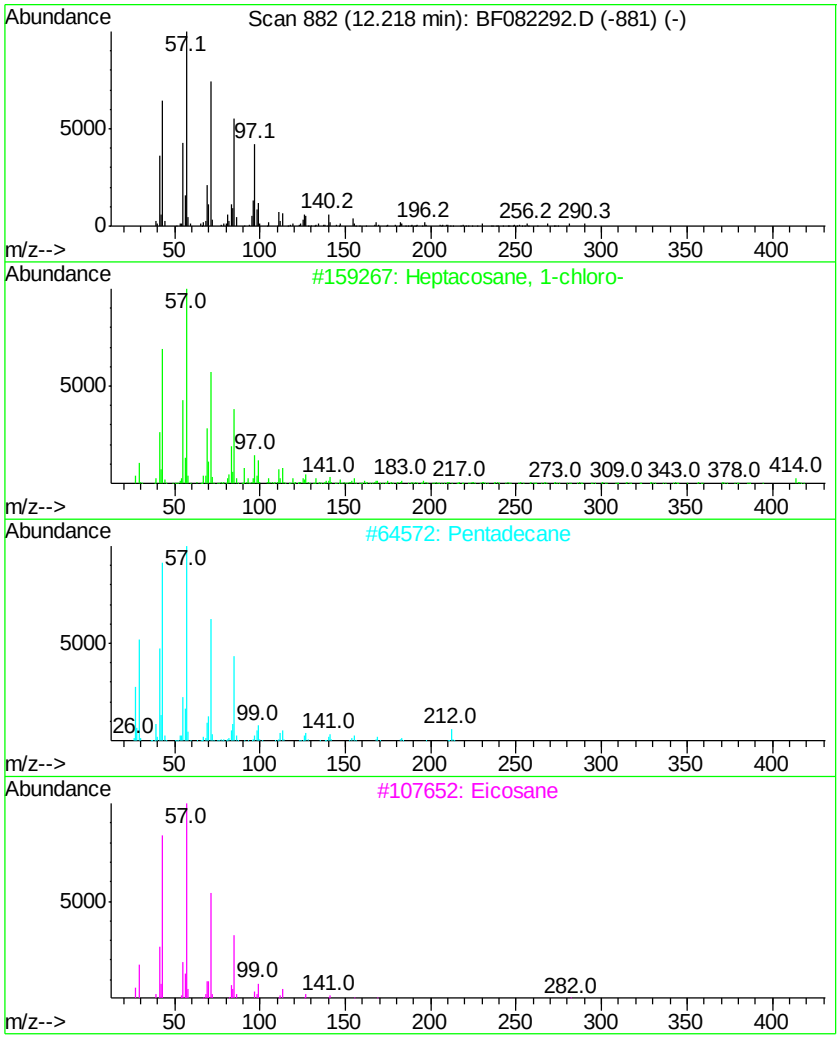
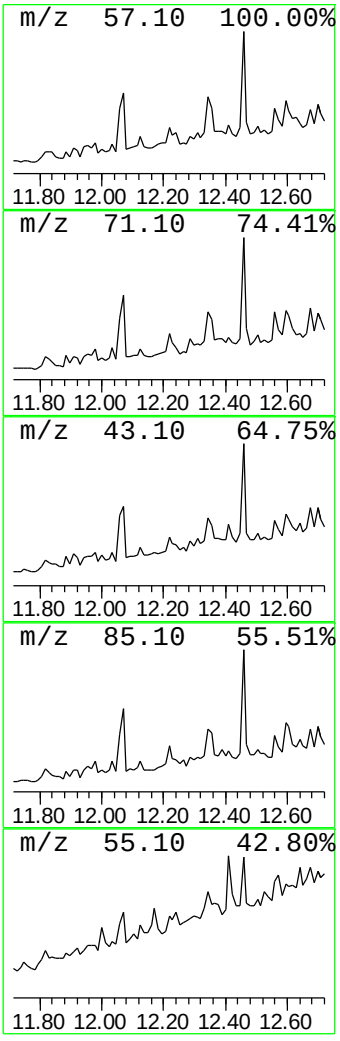
Peak Number 8 Heptacosane, 1-chloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	12.35 ng	471053	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
2	Pentadecane	212	C15H32	000629-62-9	53
3	Eicosane	282	C20H42	000112-95-8	52
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	43
5	2,3-Dimethyldodecane	198	C14H30	006117-98-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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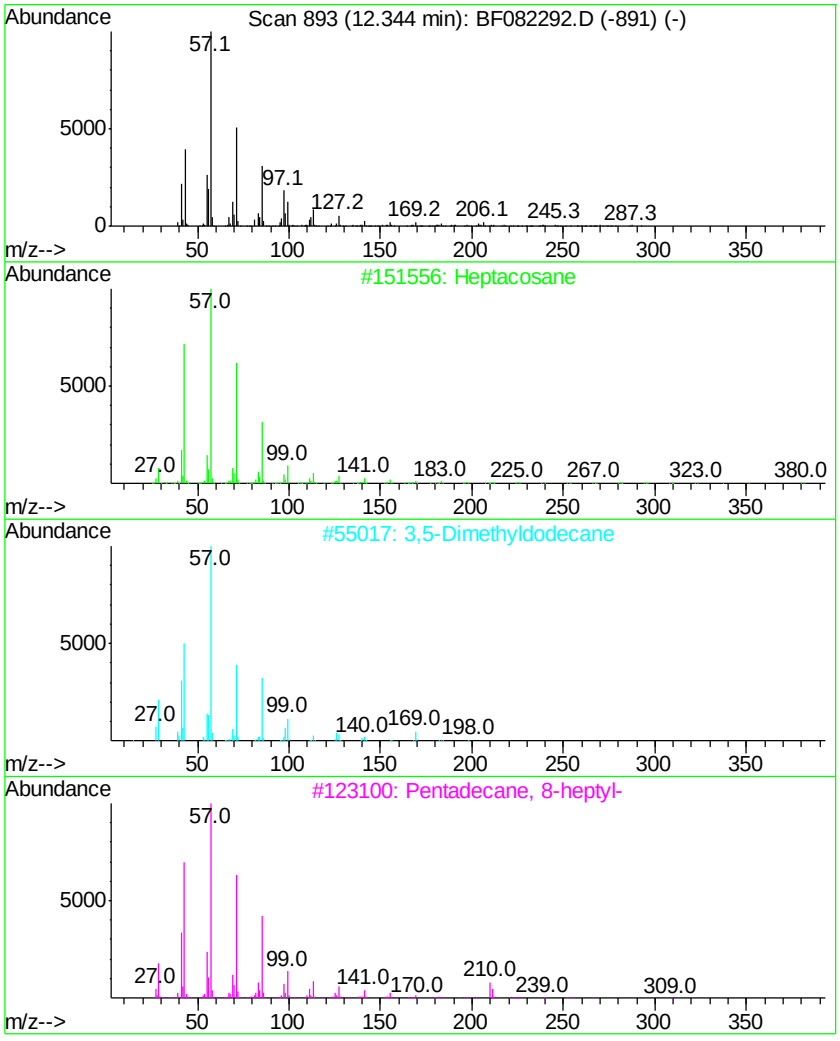
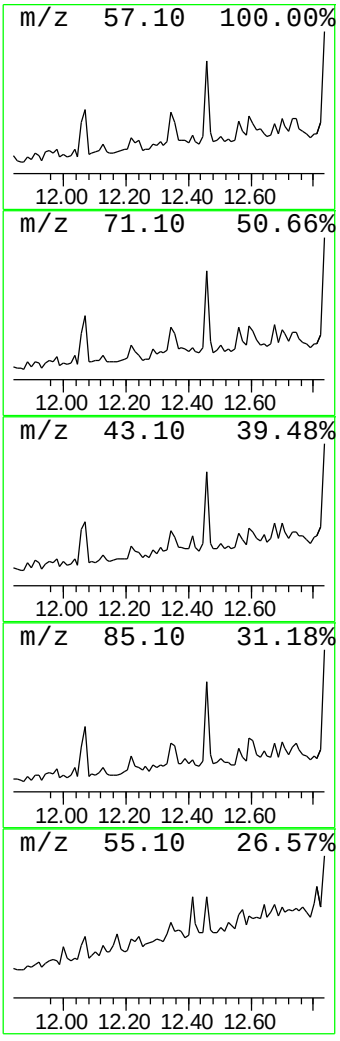
Peak Number 9 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	21.31 ng	812962	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
4	Hexadecane	226	C16H34	000544-76-3	78
5	Octadecane	254	C18H38	000593-45-3	72





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Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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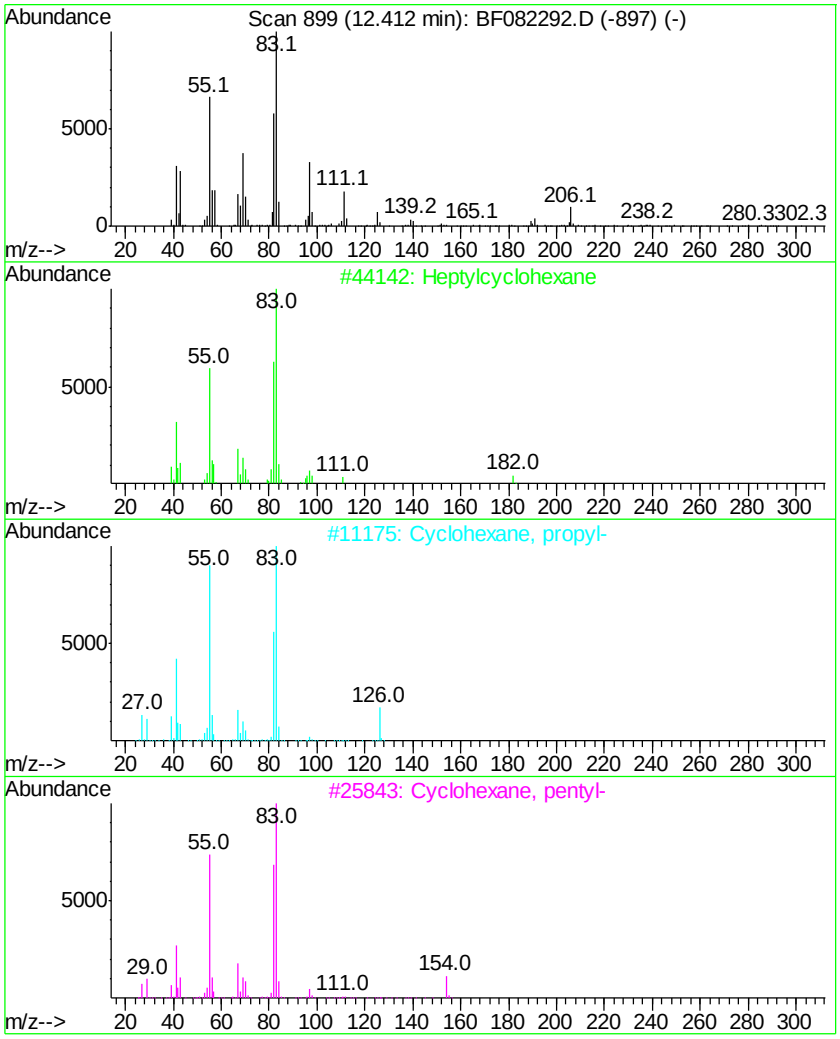
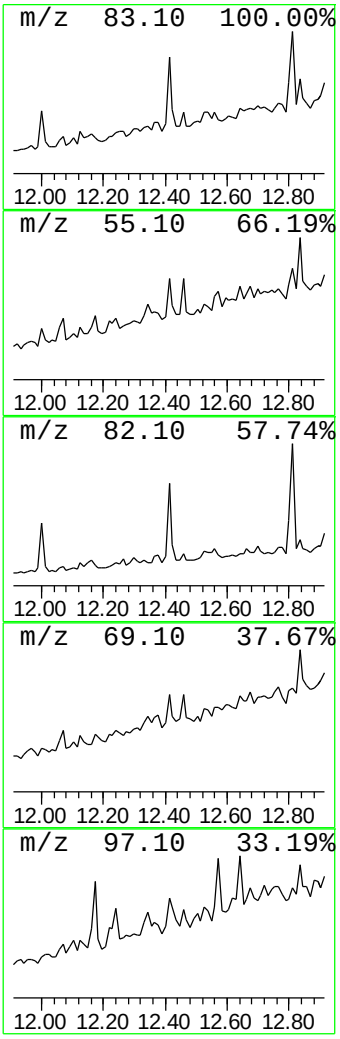
Peak Number 10 Heptylcyclohexane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	11.48 ng	437882	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	53
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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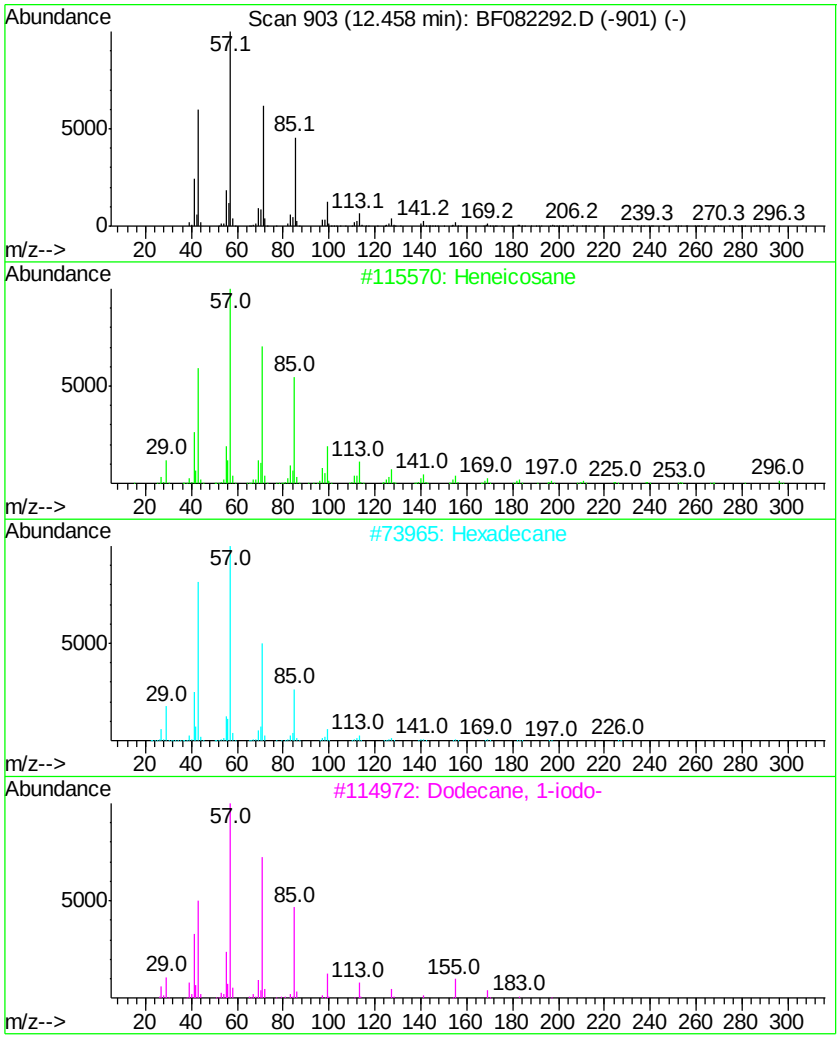
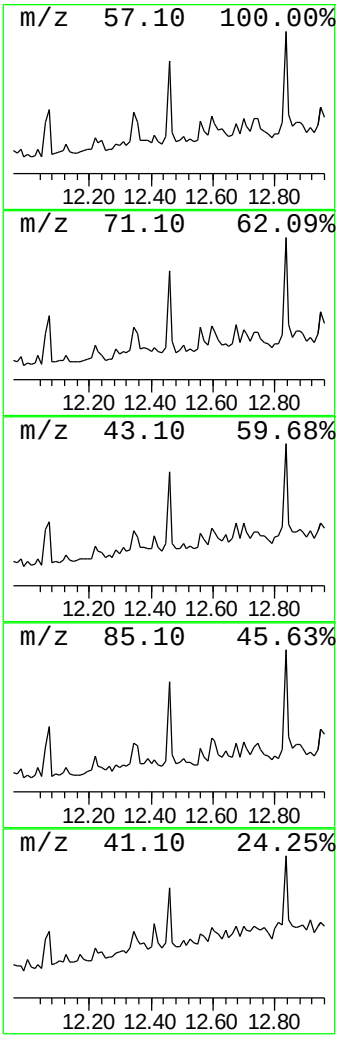
Peak Number 11 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	19.84 ng	756735	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87





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Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
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Instrument : BNA_F
ClientSampleId : LF-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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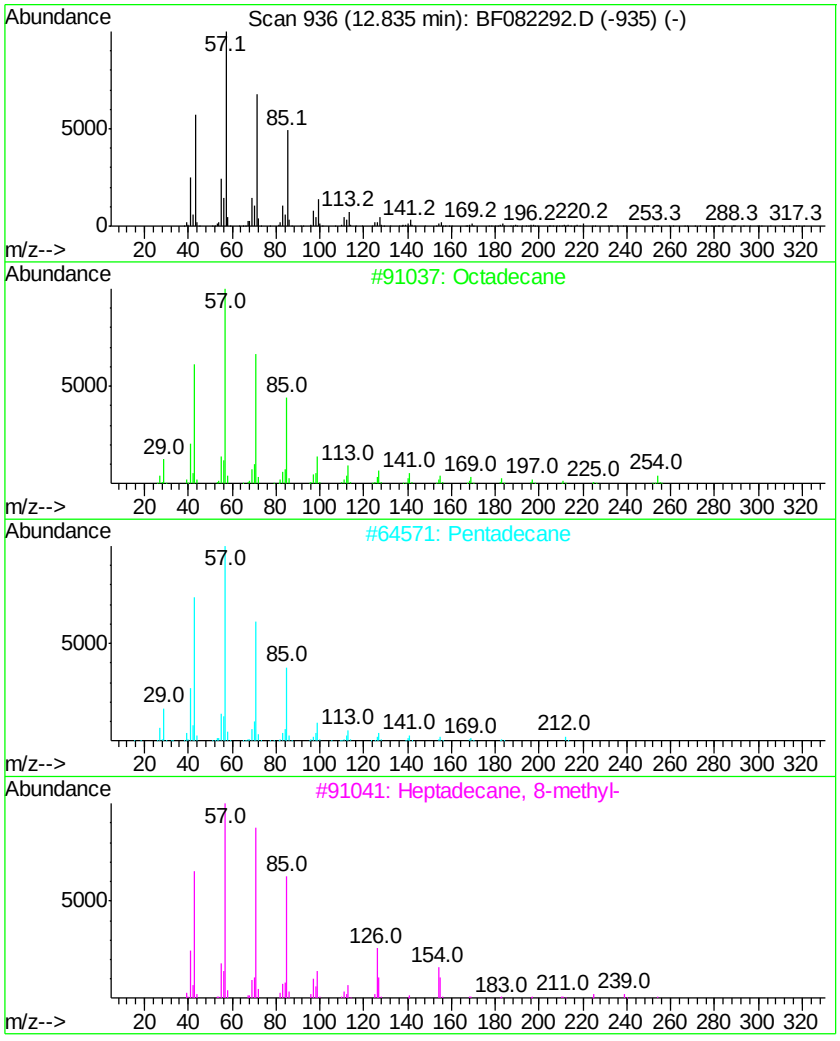
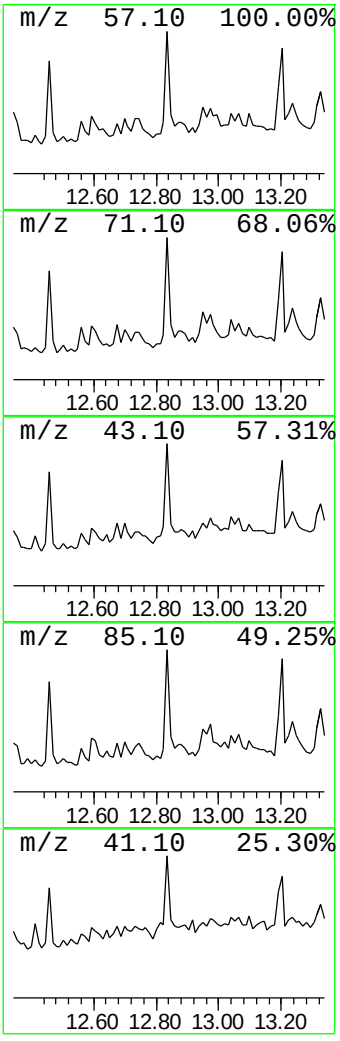
Peak Number 12 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	14.36 ng	984072	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Pentadecane	212	C15H32	000629-62-9	93
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Sample : G4015-10
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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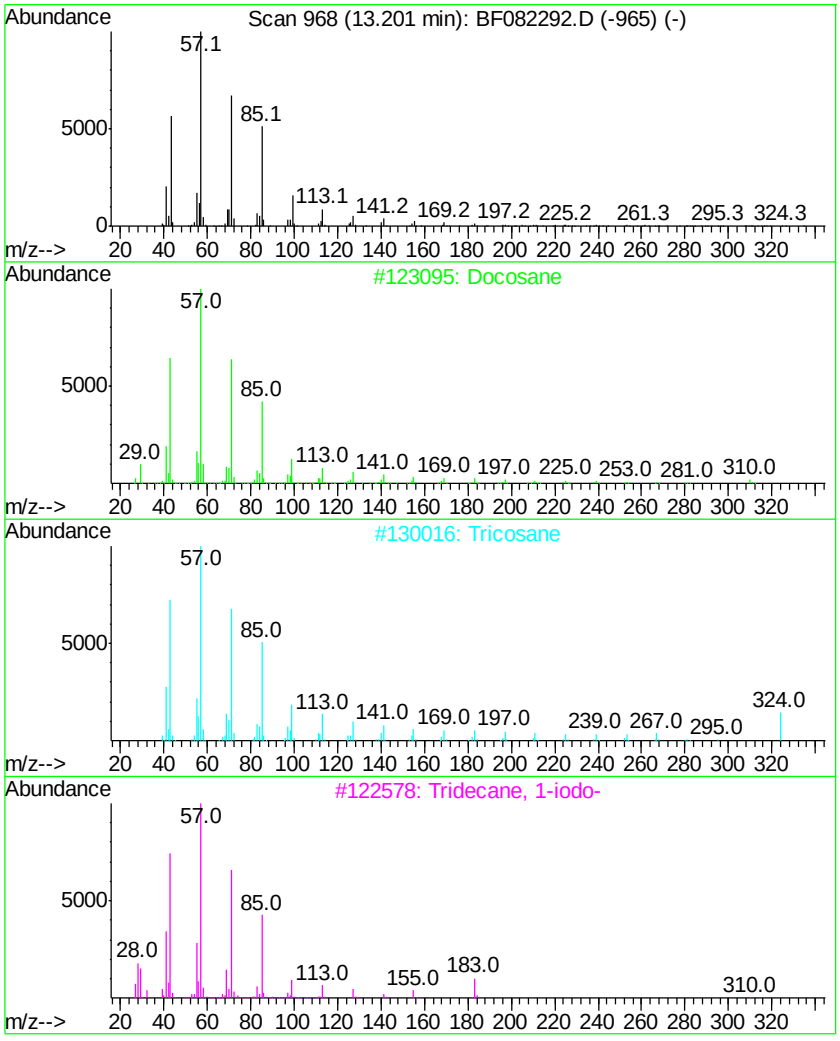
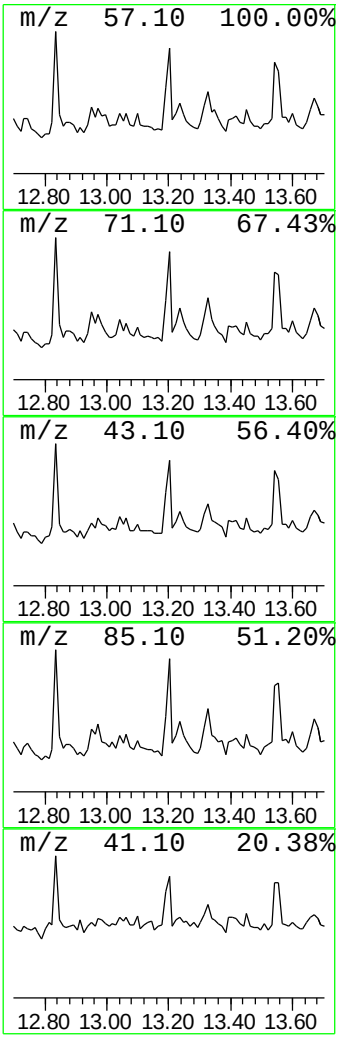
Peak Number 13 Docosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	14.56 ng	997317	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Tricosane	324	C23H48	000638-67-5	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90





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Acq On : 14 Oct 2015 21:33
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Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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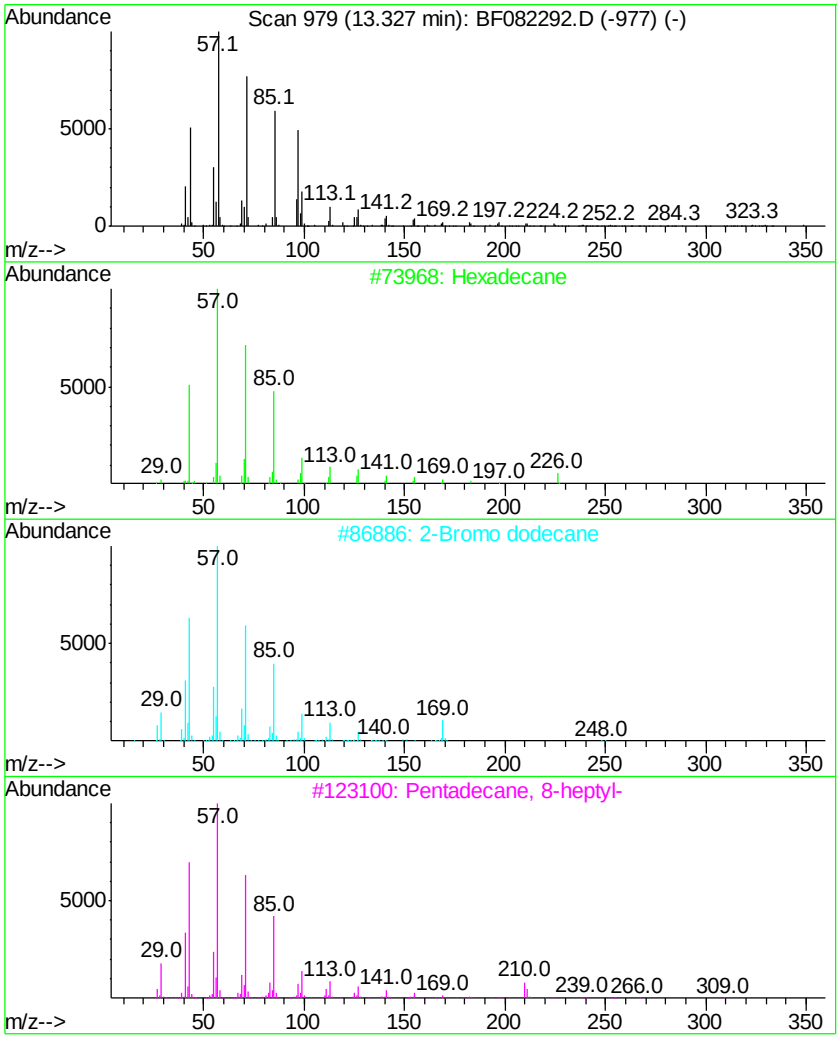
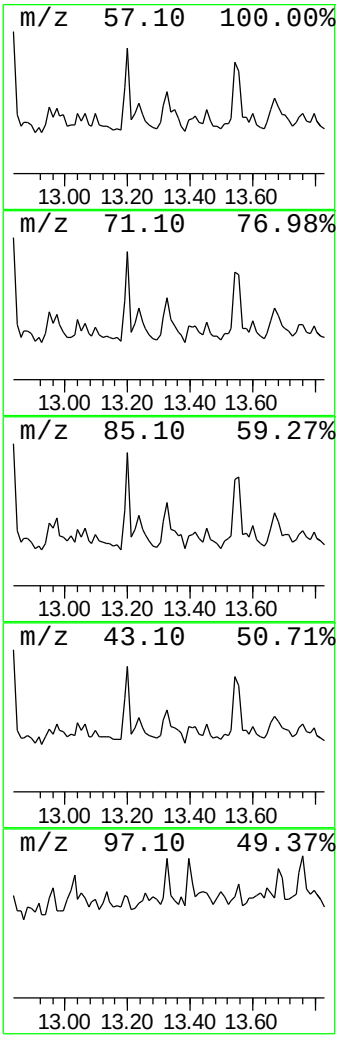
Peak Number 14 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	14.84 ng	1016890	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	76
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	68
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Heptadecane	240	C17H36	000629-78-7	64





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Sample : G4015-10
Misc :
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Instrument : BNA_F
ClientSampleId : LF-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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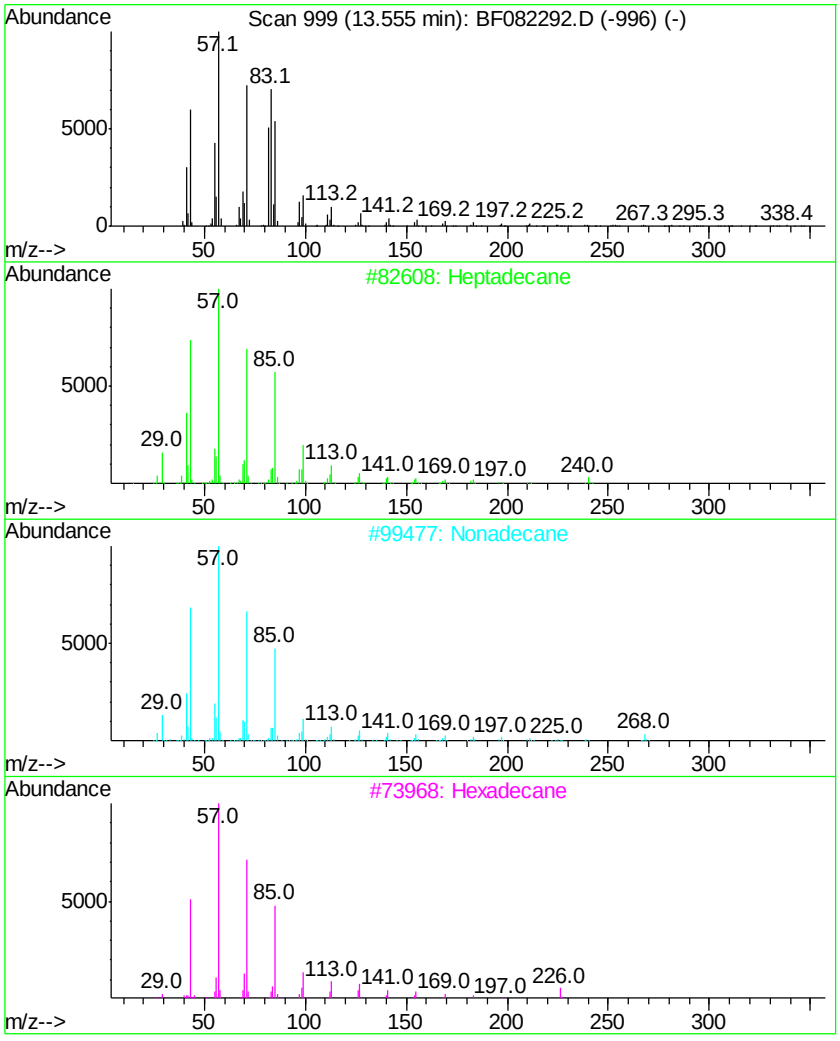
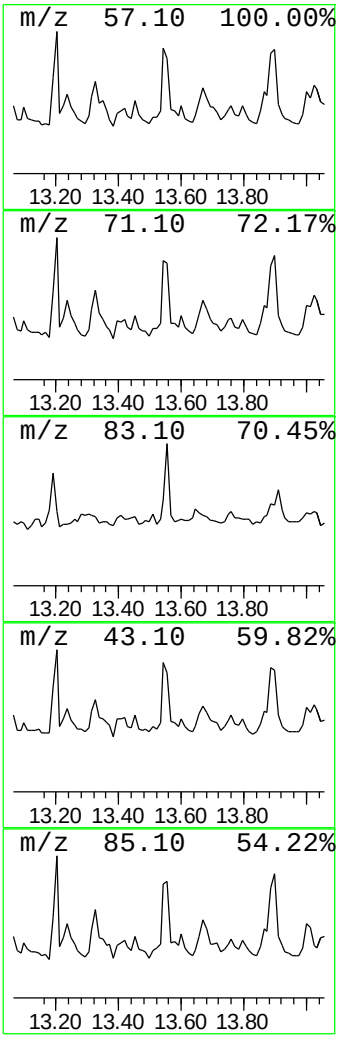
Peak Number 15 Heneicosane, 11-(1-ethylpro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	17.71 ng	1213370	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	78
4	Heneicosane	296	C21H44	000629-94-7	64
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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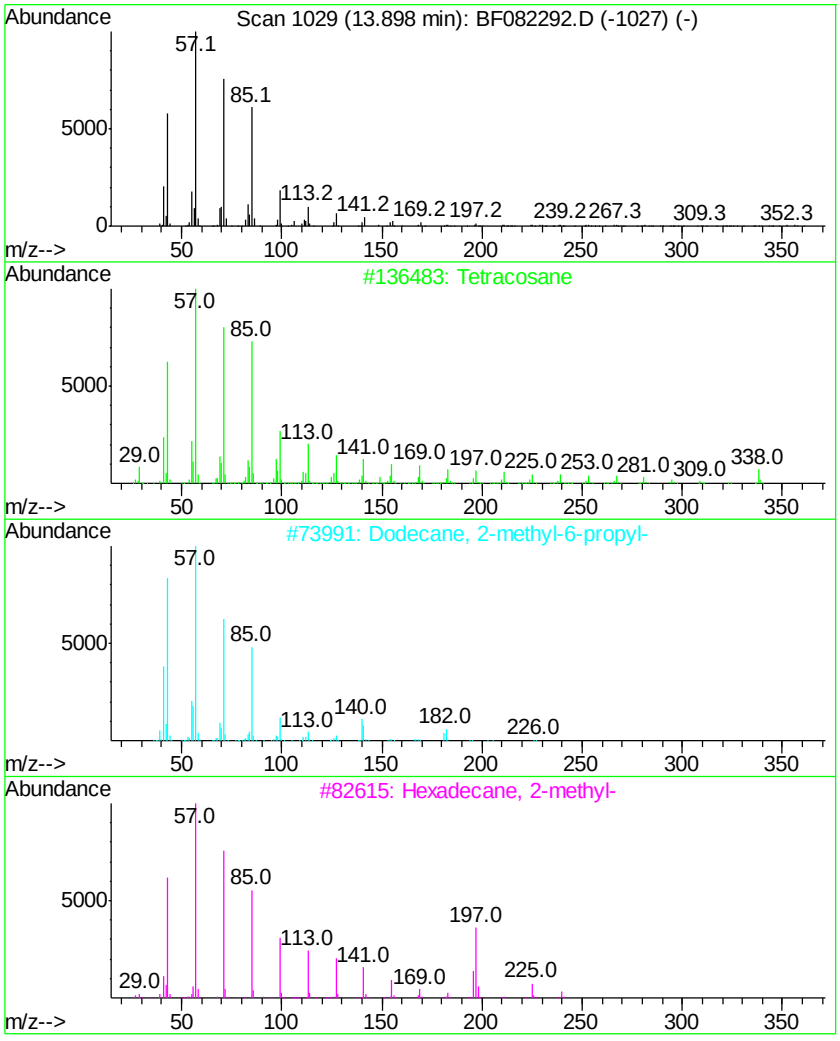
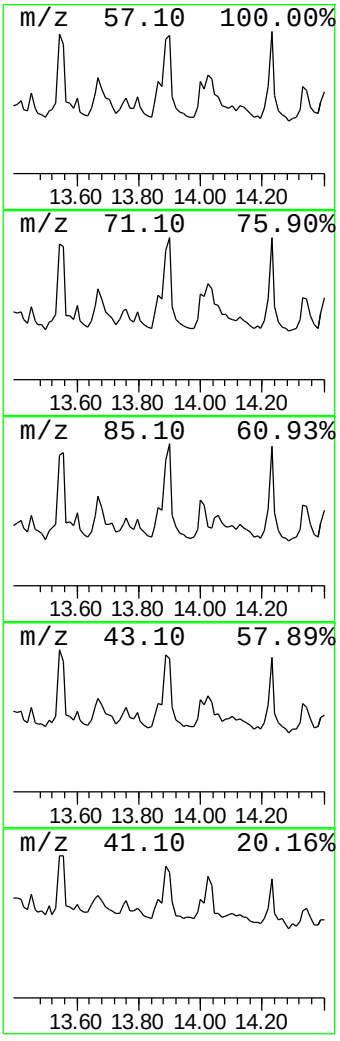
Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	19.47 ng	1333980	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81
4	Heptacosane	380	C27H56	000593-49-7	80
5	Octadecane, 5-methyl-	268	C19H40	025117-35-5	80





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Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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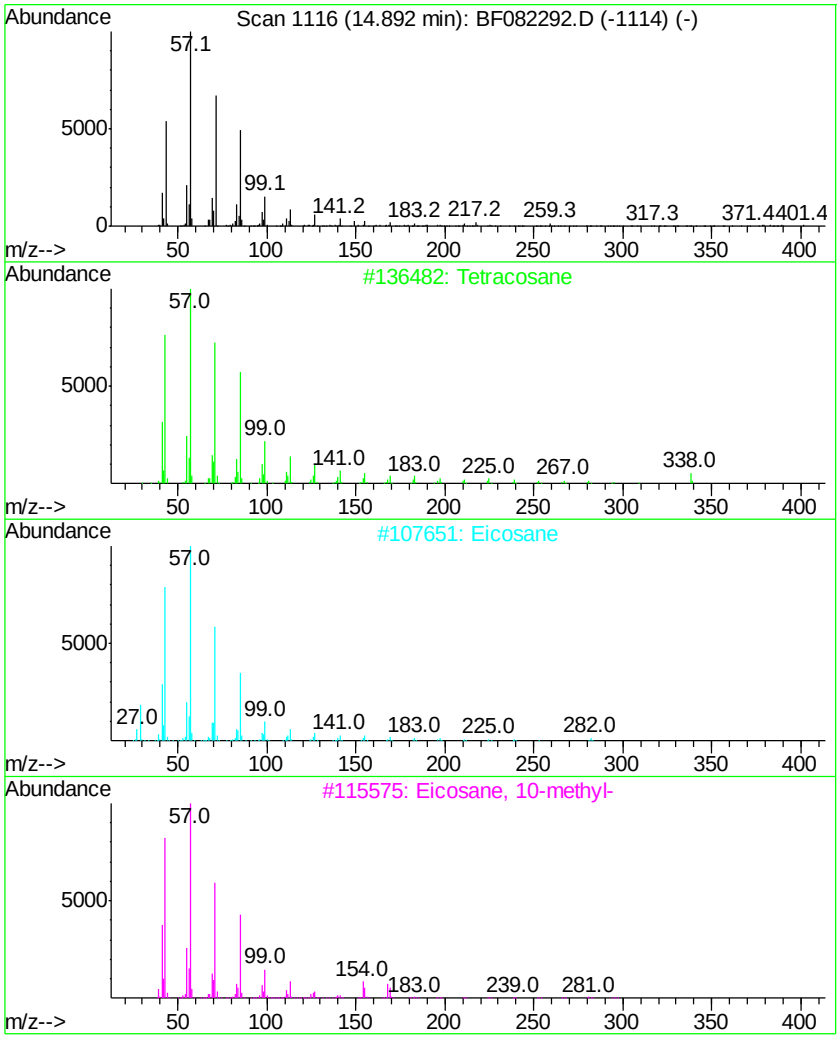
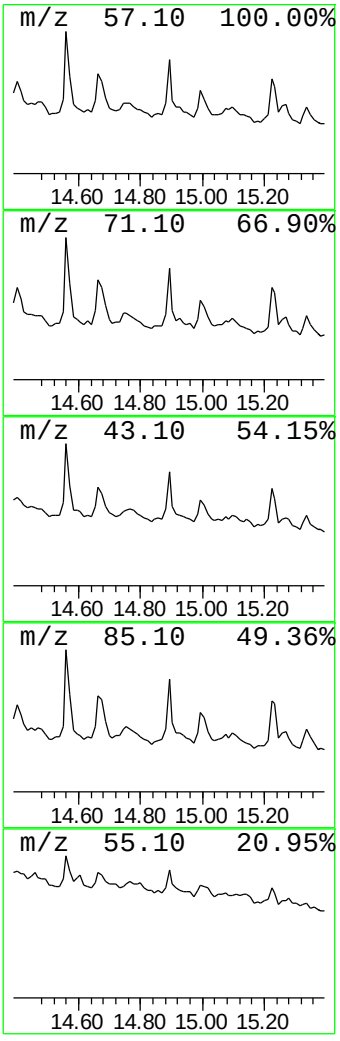
Peak Number 17 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	30.07 ng	791792	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Eicosane	282	C20H42	000112-95-8	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





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Instrument : BNA_F
ClientSampleId : LF-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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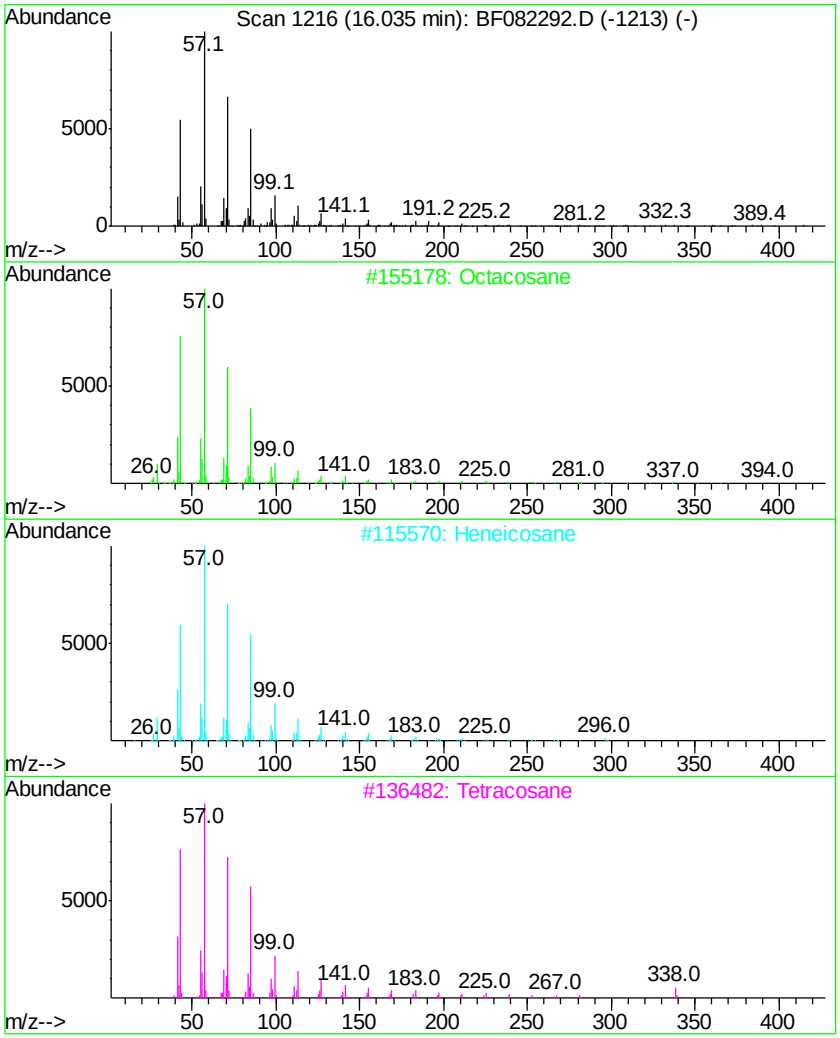
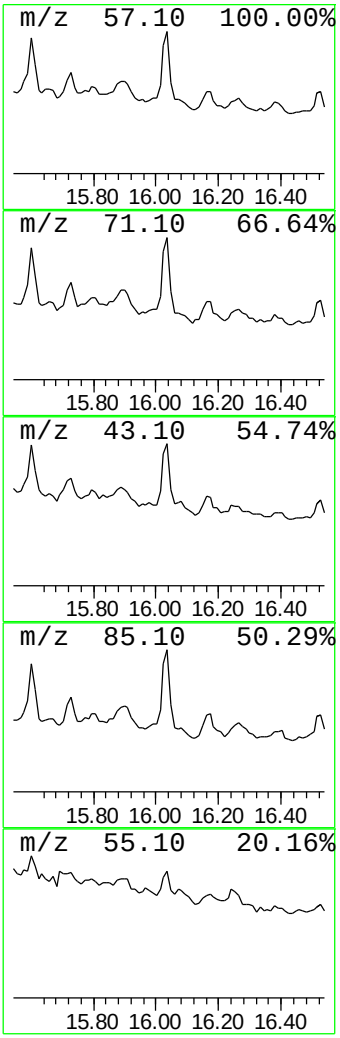
Peak Number 18 Pentadecane, 8-heptyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	20.00 ng	526702	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90





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Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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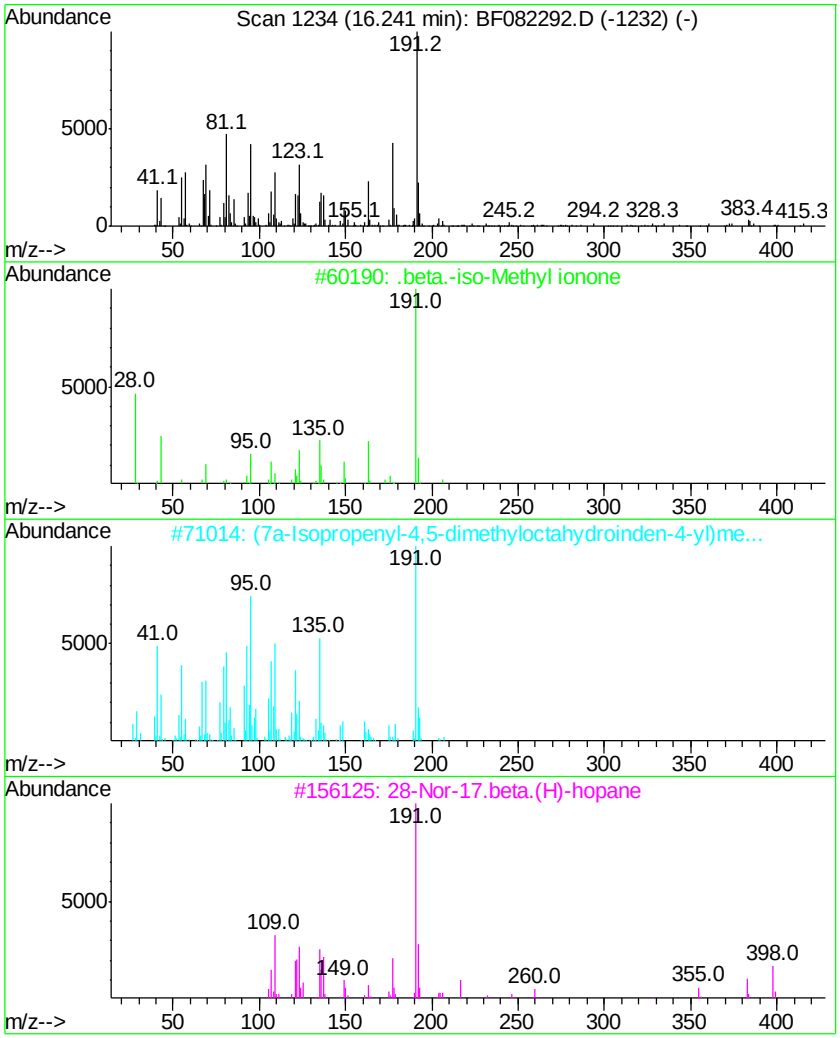
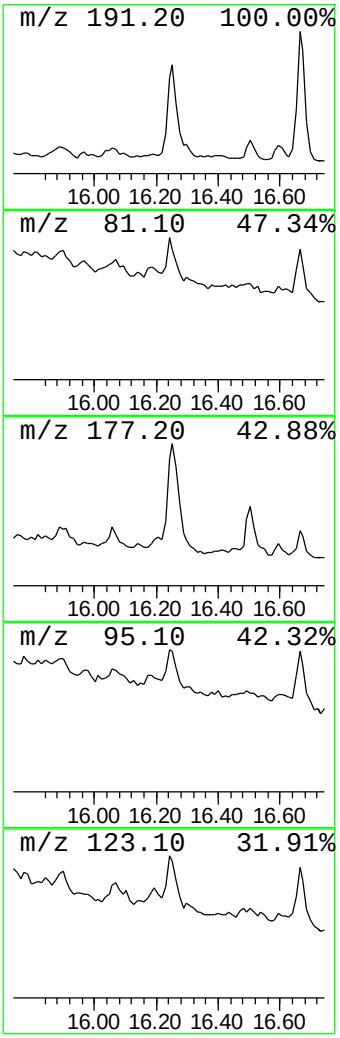
Peak Number 19 unknown16.24 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	36.58 ng	963385	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	47
2	(7a-Isopropenyl-4,5-dimethyloctа...	222	C15H26O	1000187-02-9	47
3	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
4	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	42
5	Cholestan-7-one, (5.alpha.,14.be...	386	C27H46O	040072-53-5	38





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Acq On : 14 Oct 2015 21:33
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Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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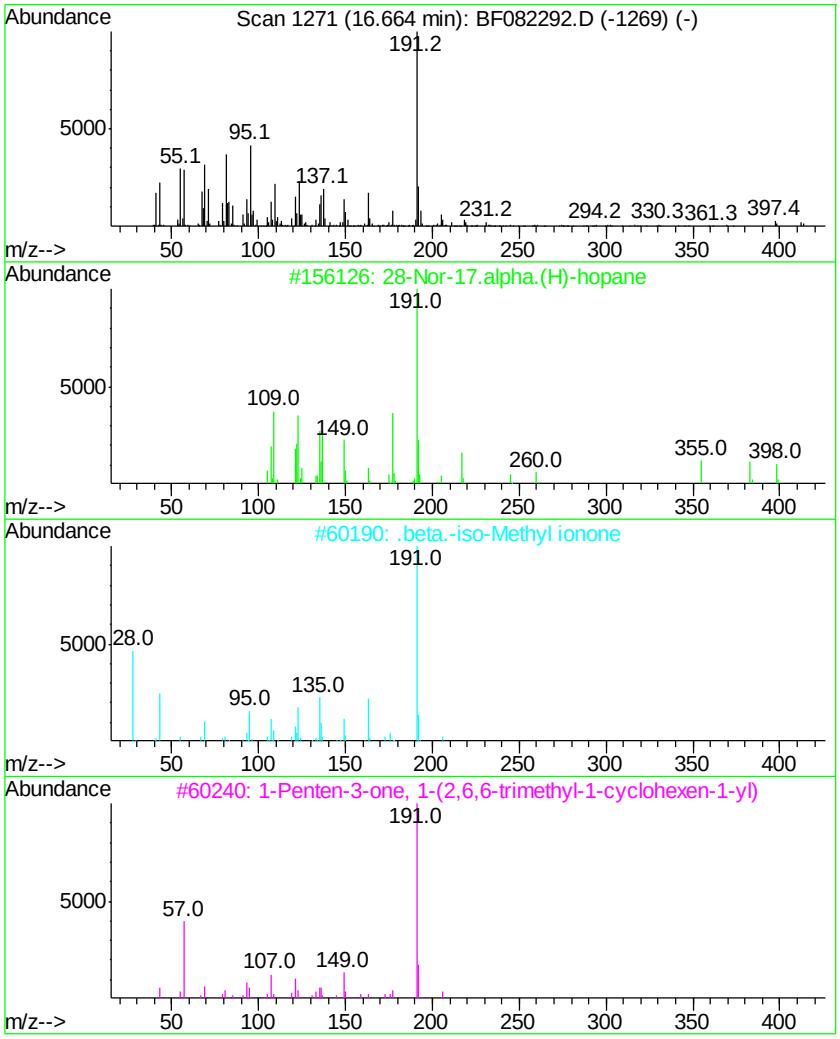
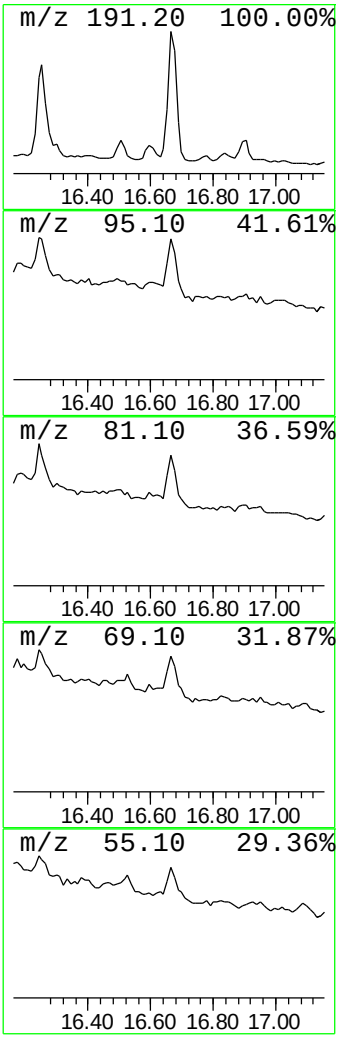
Peak Number 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	35.76 ng	941776	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	53
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082292.D
Acq On : 14 Oct 2015 21:33
Operator : UM/IZ
Sample : G4015-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	4.99	53.5	ng	1143770	1	6.82	427379	20.0
unknown6.59	6.59	59.0	ng	1261770	1	6.82	427379	20.0
Cyclohexadecane	11.59	14.1	ng	539568	4	11.36	762984	20.0
Nonadecane	11.66	13.7	ng	520842	4	11.36	762984	20.0
Hexadecane, 1-chl...	11.82	16.9	ng	644561	4	11.36	762984	20.0
Eicosane	12.07	17.7	ng	674110	4	11.36	762984	20.0
Heptacosane, 1-ch...	12.22	12.4	ng	471053	4	11.36	762984	20.0
Heptacosane	12.34	21.3	ng	812962	4	11.36	762984	20.0
Heptylcyclohexane	12.41	11.5	ng	437882	4	11.36	762984	20.0
Heneicosane	12.46	19.8	ng	756735	4	11.36	762984	20.0
Octadecane	12.84	14.4	ng	984072	5	14.05	1370280	20.0
Docosane	13.20	14.6	ng	997317	5	14.05	1370280	20.0
2-Bromo dodecane	13.33	14.8	ng	1016890	5	14.05	1370280	20.0
Heneicosane, 11-(...	13.56	17.7	ng	1213370	5	14.05	1370280	20.0
Dodecane, 2-methy...	13.90	19.5	ng	1333980	5	14.05	1370280	20.0
Eicosane, 10-methyl-	14.89	30.1	ng	791792	6	15.57	526702	20.0
Pentadecane, 8-he...	16.04	20.0	ng	526702	6	15.57	526702	20.0
unknown16.24	16.24	36.6	ng	963385	6	15.57	526702	20.0
28-Nor-17.alpha.(...	16.66	35.8	ng	941776	6	15.57	526702	20.0