LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

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-BF112115.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	3.278	110	113	126	rBV	127277	342997	1.90%	0.467%
2	4.021	173	178	198	rBV	2411450	4973439	27.53%	6.771%
3	5.359	289	295	296	rBV2	79136	204034	1.13%	0.278%
4	5.496	305	307	313	rVB	86464	194272	1.08%	0.265%
5	6.056	354	356	362	rBV	410953	479546	2.65%	0.653%
6	6.261	369	374	376	rBV2	256430	527907	2.92%	0.719%
7	6.364	376	383	385	rVV	917380	2619445	14.50%	3.566%
8	6.444	388	390	391	rVV	787532	1074806	5.95%	1.463%
9	6.582	400	402	405	rVB	792848	881380	4.88%	1.200%
10	6.742	414	416	422	rVB2	201594	283115	1.57%	0.385%
11	6.924	430	432	437	rBV2	195339	411213	2.28%	0.560%
12	7.027	437	441	443	rBV2	132010	227481	1.26%	0.310%
13	7.199	450	456	459	rBV3	385652	979583	5.42%	1.334%
14	7.256	459	461	467	rVB	266408	350080	1.94%	0.477%
15	7.553	485	487	491	rBV	150665	234815	1.30%	0.320%
16	7.667	494	497	505	rVB	163331	261891	1.45%	0.357%
17	7.873	513	515	517	rBV	1171550	1106986	6.13%	1.507%
18	7.919	517	519	525	rVB2	150010	267574	1.48%	0.364%
19	8.182	540	542	544	rBV	505926	610793	3.38%	0.832%
20	8.285	548	551	557	rVB2	614813	834275	4.62%	1.136%
21	8.490	566	569	571	rBV	1713494	1515252	8.39%	2.063%
22	8.639	579	582	584	rBV	1719373	2138110	11.84%	2.911%
23	8.765	591	593	594	rBV	516987	445904	2.47%	0.607%
24	8.799	594	596	602	rVV	1100731	1098927	6.08%	1.496%
25	8.879	602	603	606	rVV2	379233	382768	2.12%	0.521%
26	8.970	606	611	613	rVB2	297772	522558	2.89%	0.711%
27	9.153	625	627	630	rBV	147350	224451	1.24%	0.306%
28	9.542	660	661	663	rVV	168503	198357	1.10%	0.270%
29	9.622	666	668	670	rVB	1158498	998298	5.53%	1.359%
30	11.096	794	797	799	rBV	1127639	998609	5.53%	1.360%
31	11.405	821	824	828	rVB	186659	269602	1.49%	0.367%
32	11.485	829	831	833	rBV	236984	218617	1.21%	0.298%
33	11.668	844	847	850	rBV	3197903	5908702	32.71%	8.045%
34	12.194	891	893	897	rBV2	139212	220252	1.22%	0.300%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.388	904	910	914	rBV2	6750690	18065421	100.00%	24.596%
36	12.456	914	916	921	rVV	1667699	3362159	18.61%	4.578%
37	12.536	921	923	932	rVV	308305	1049605	5.81%	1.429%
38	12.674	933	935	938	rVV	247086	363873	2.01%	0.495%
39	12.936	955	958	962	rVB	185073	269301	1.49%	0.367%
40	13.016	963	965	970	rBV4	123260	325186	1.80%	0.443%
41	13.165	974	978	983	rVB3	279735	683114	3.78%	0.930%
42	13.279	984	988	992	rVB2	79316	200432	1.11%	0.273%
43	13.474	1002	1005	1008	rBV	241529	412999	2.29%	0.562%
44	13.531	1008	1010	1013	rBV4	209667	450796	2.50%	0.614%
45	13.668	1020	1022	1025	rBV	489453	624426	3.46%	0.850%
46	13.714	1025	1026	1029	rVB	818700	1114218	6.17%	1.517%
47	14.125	1060	1062	1066	rBV5	83336	257972	1.43%	0.351%
48	14.239	1069	1072	1077	rVV	952209	1591458	8.81%	2.167%
49	14.491	1091	1094	1099	rBV	283124	338691	1.87%	0.461%
50	14.582	1099	1102	1105	rVV	7920735	7856240	43.49%	10.696%
51	14.937	1131	1133	1134	rVV	193882	219196	1.21%	0.298%
52	14.971	1134	1136	1139	rVV	157589	310621	1.72%	0.423%
53	15.074	1142	1145	1149	rVV	756329	980931	5.43%	1.336%
54	15.394	1171	1173	1177	rVB	131145	209916	1.16%	0.286%
55	15.702	1197	1200	1203	rBV	111431	205596	1.14%	0.280%
56	16.765	1288	1293	1299	rVB3	556249	1766740	9.78%	2.405%
57	17.040	1313	1317	1323	rBV	188582	502289	2.78%	0.684%
58	17.223	1330	1333	1337	rBV	116656	280629	1.55%	0.382%

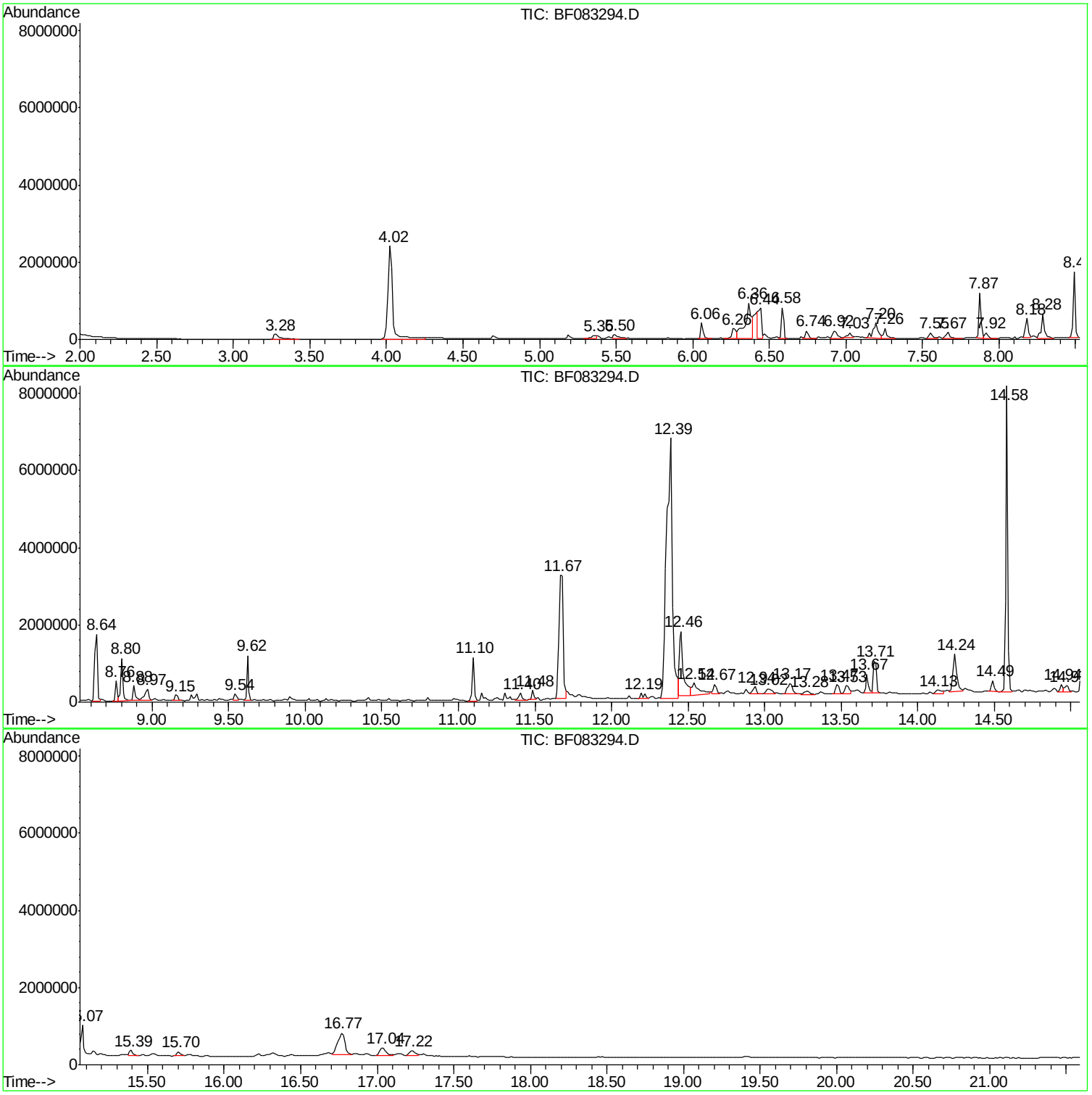
Sum of corrected areas: 73447848

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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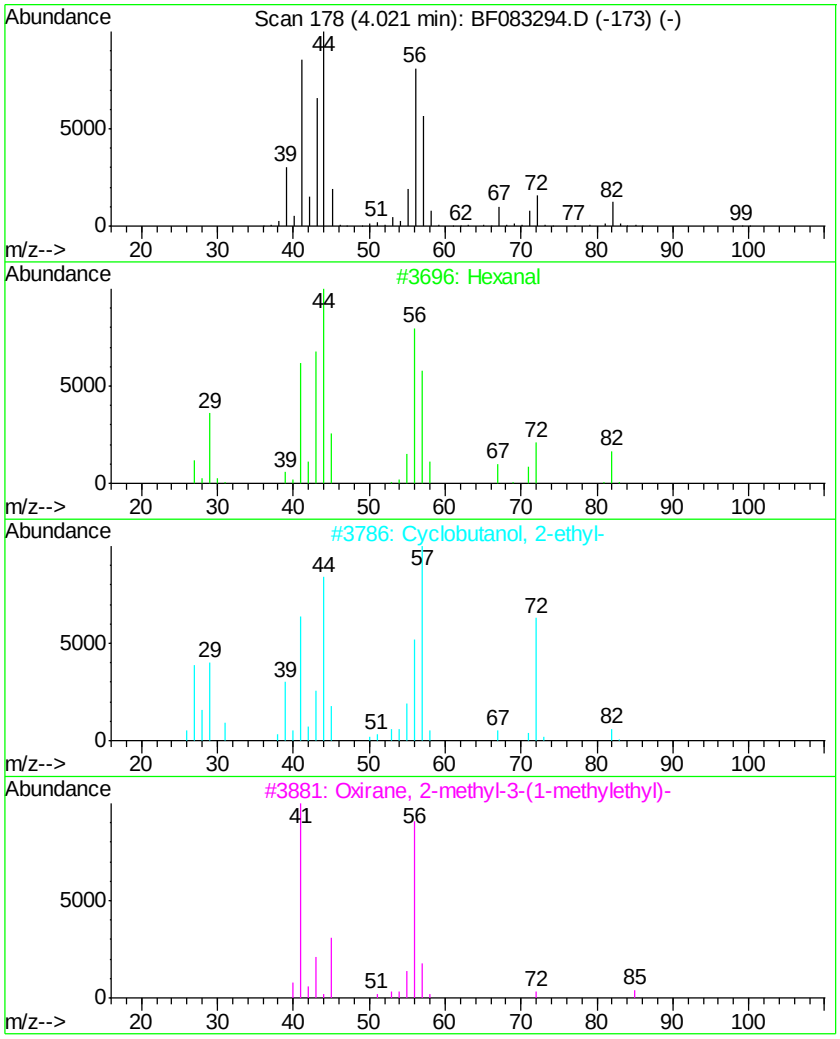
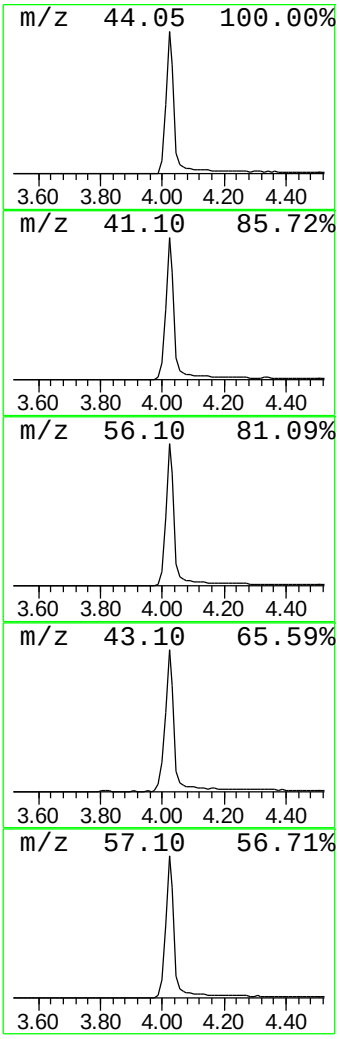
Peak Number 1 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	112.86 ng	4973440	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	64
3	Oxirane, 2-methyl-3-(1-methyleth...	100	C6H12O	001192-31-0	43
4	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	37
5	Butanal	72	C4H8O	000123-72-8	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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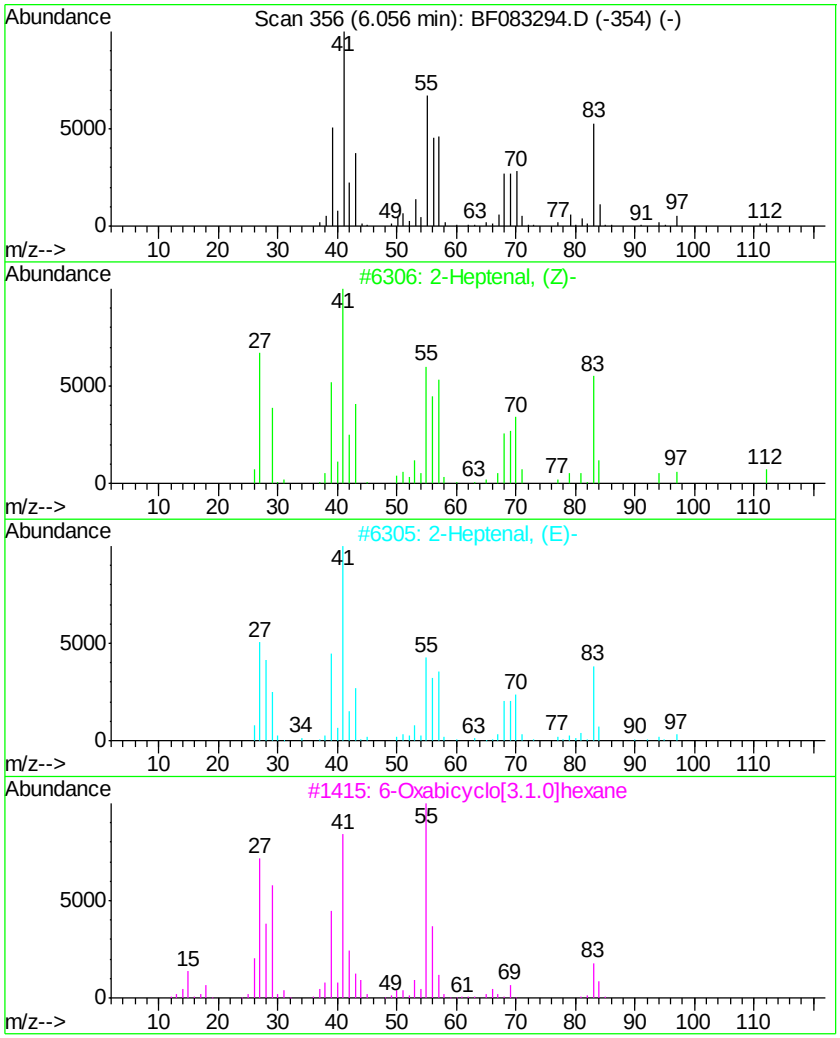
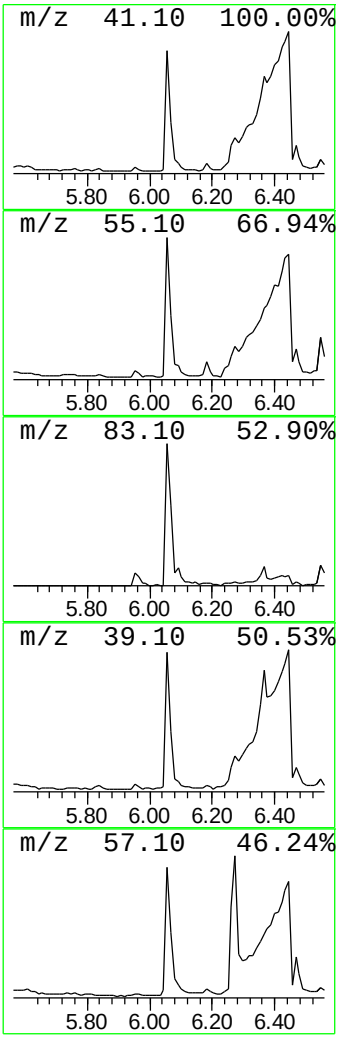
Peak Number 2 2-Heptenal, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	10.88 ng	479546	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	90
2	2-Heptenal, (E)-	112	C7H12O	018829-55-5	90
3	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	47
4	4-Pentenal	84	C5H8O	002100-17-6	43
5	3-Octene, (Z)-	112	C8H16	014850-22-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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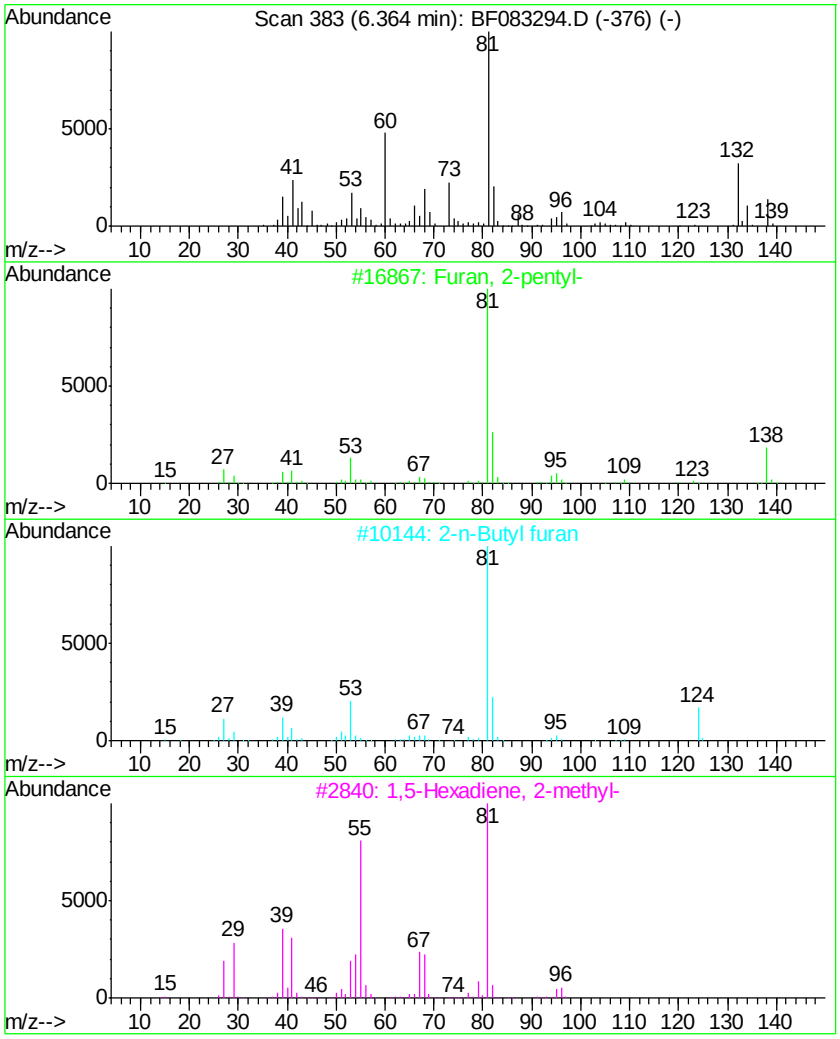
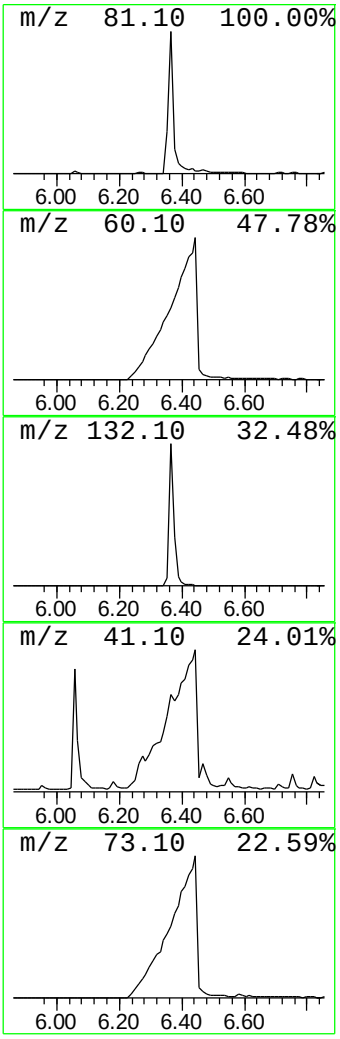
Peak Number 3 unknown6.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	59.44 ng	2619450	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-pentyl-	138	C9H14O	003777-69-3	46
2	2-n-Butyl furan	124	C8H12O	004466-24-4	35
3	1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	35
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	25
5	2,4-Undecadienal, (E,E)-	166	C11H18O	030361-29-6	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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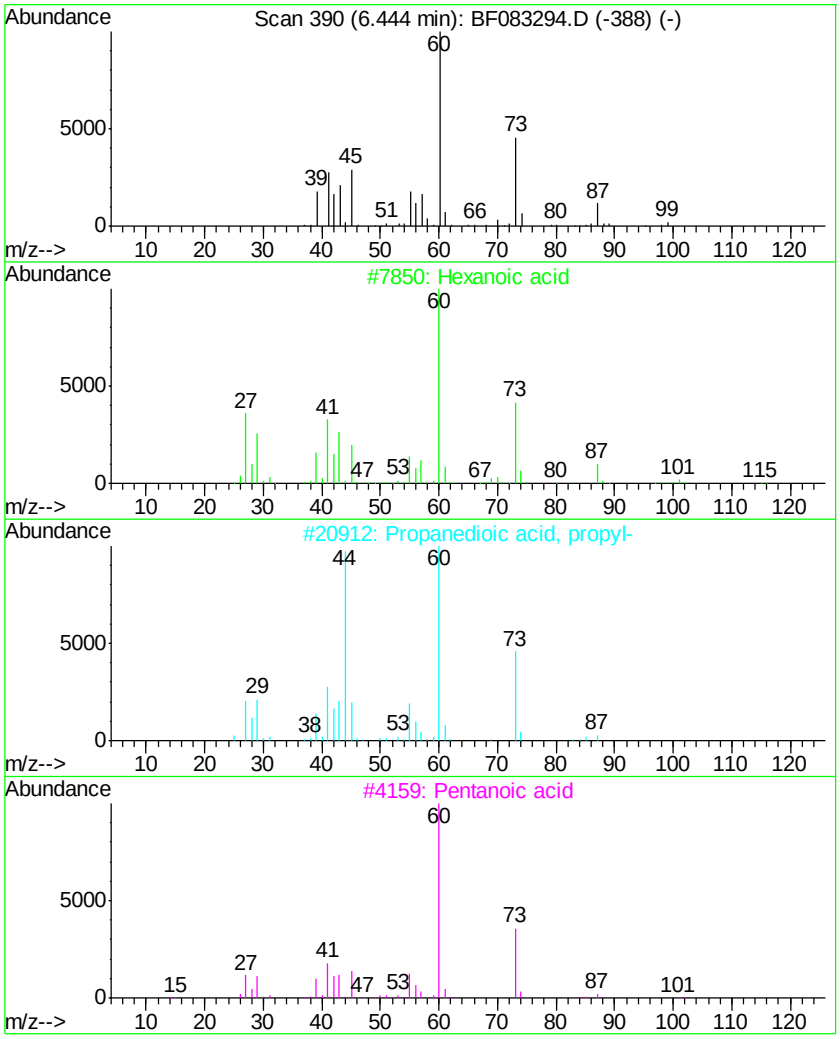
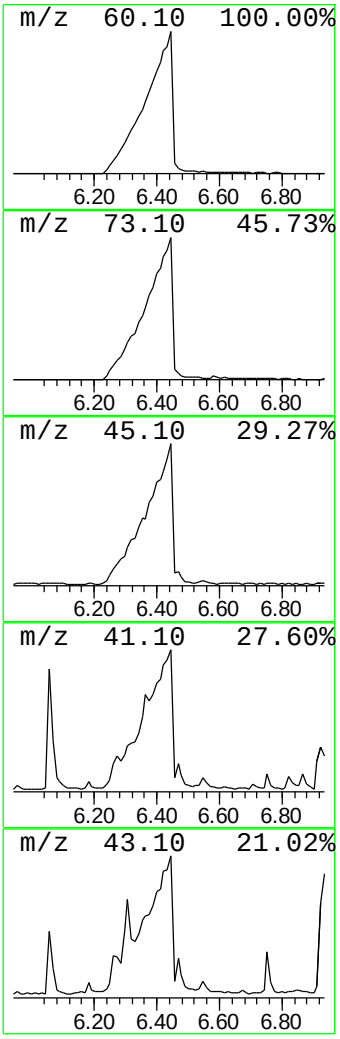
Peak Number 4 Hexanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	24.39 ng	1074810	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	72
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
3	Pentanoic acid	102	C5H10O2	000109-52-4	50
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	42
5	Hex-5-enylamine	99	C6H13N	034825-70-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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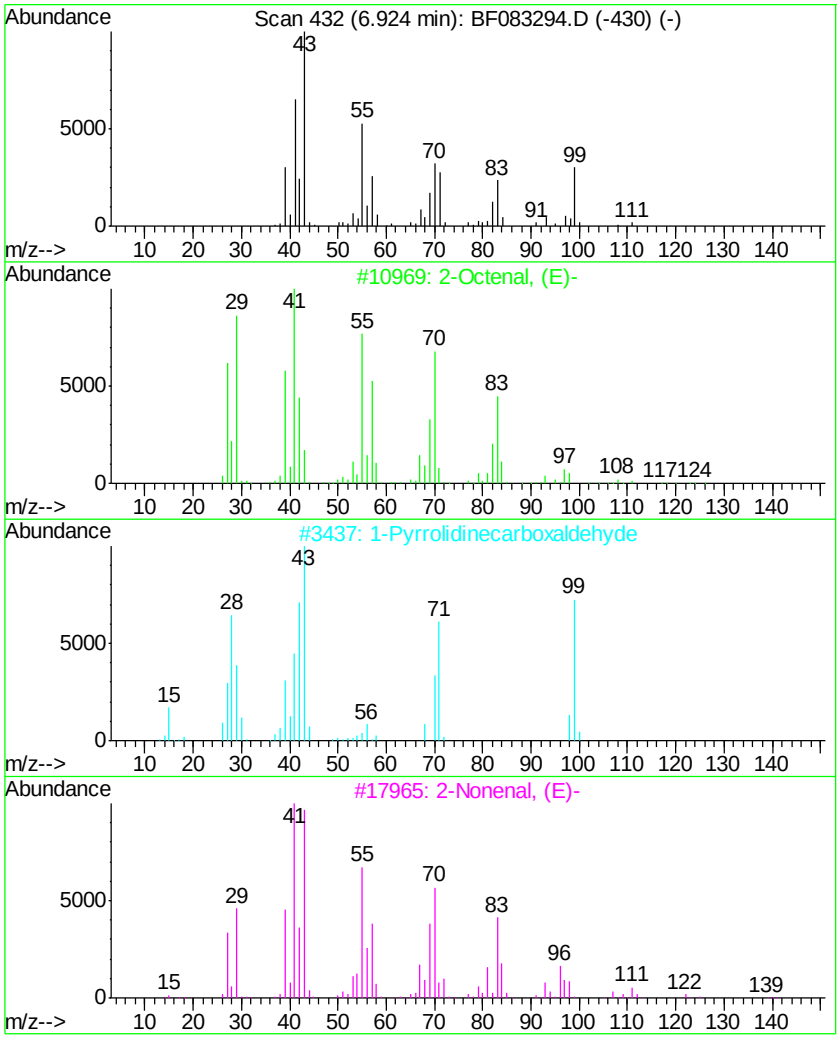
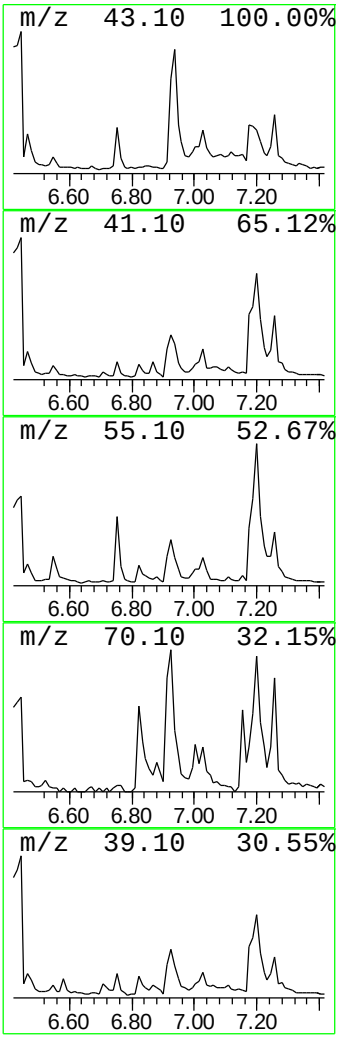
Peak Number 5 unknown6.92 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	9.33 ng	411213	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	47
2	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	35
3	2-Nonenal, (E)-	140	C9H16O	018829-56-6	32
4	2-Piperidinone	99	C5H9NO	000675-20-7	27
5	Pyrrolidine	71	C4H9N	000123-75-1	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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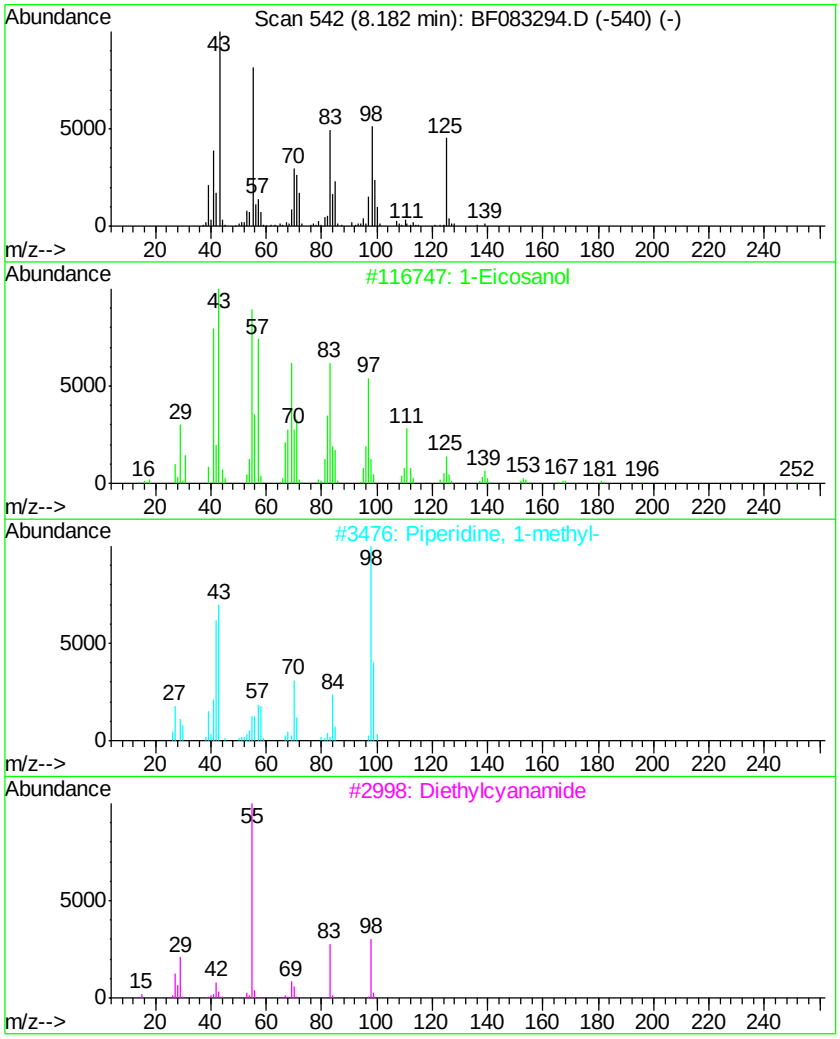
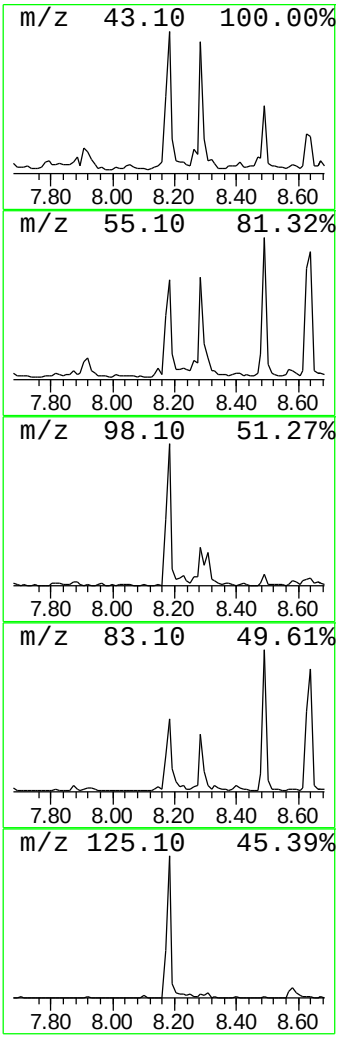
Peak Number 6 unknown8.18 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	11.04 ng	610793	Naphthalene-d8	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	35
2	Piperidine, 1-methyl-	99	C6H13N	000626-67-5	27
3	Diethylcyanamide	98	C5H10N2	000617-83-4	27
4	Formaldehyde, methyl(2-propenyl)...	98	C5H10N2	066075-09-0	22
5	2-Propenamide, N,N-dimethyl-	99	C5H9NO	002680-03-7	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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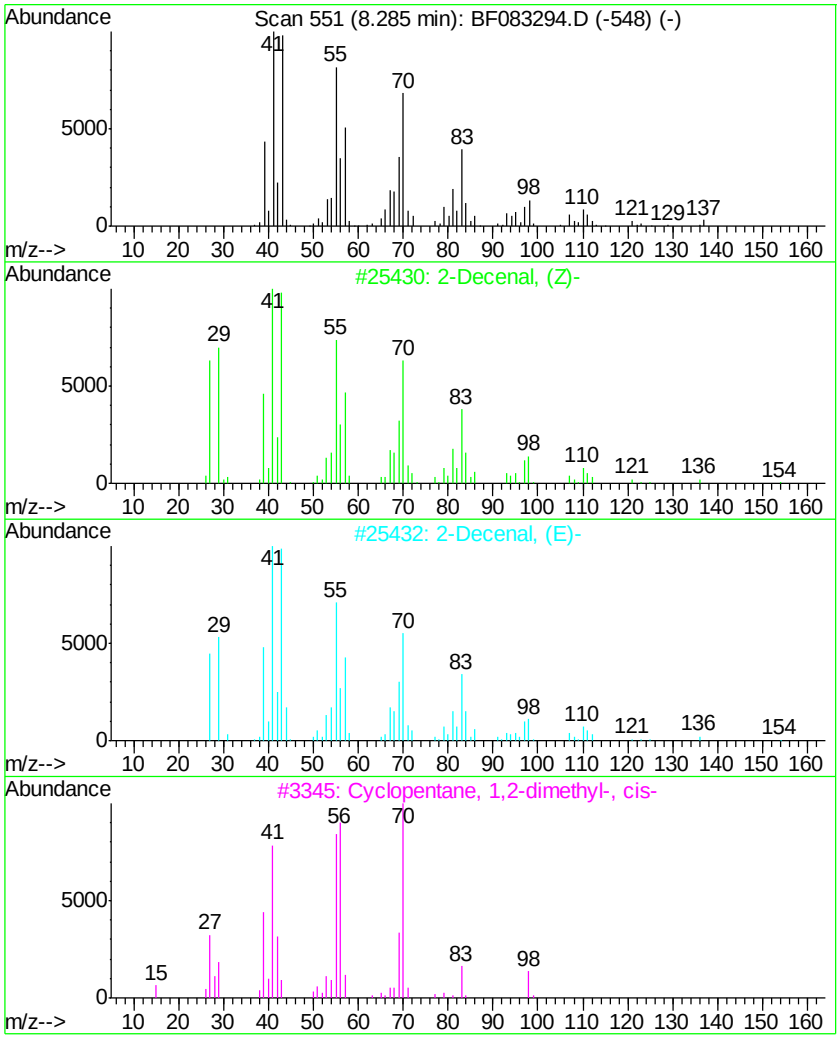
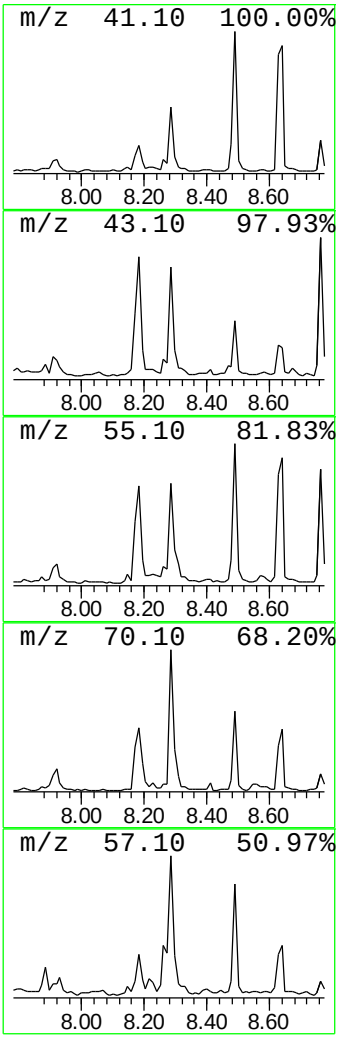
Peak Number 7 2-Decenal, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	15.07 ng	834275	Naphthalene-d8	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (Z)-	154	C10H18O	002497-25-8	90
2	2-Decenal, (E)-	154	C10H18O	003913-81-3	78
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	52
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	52
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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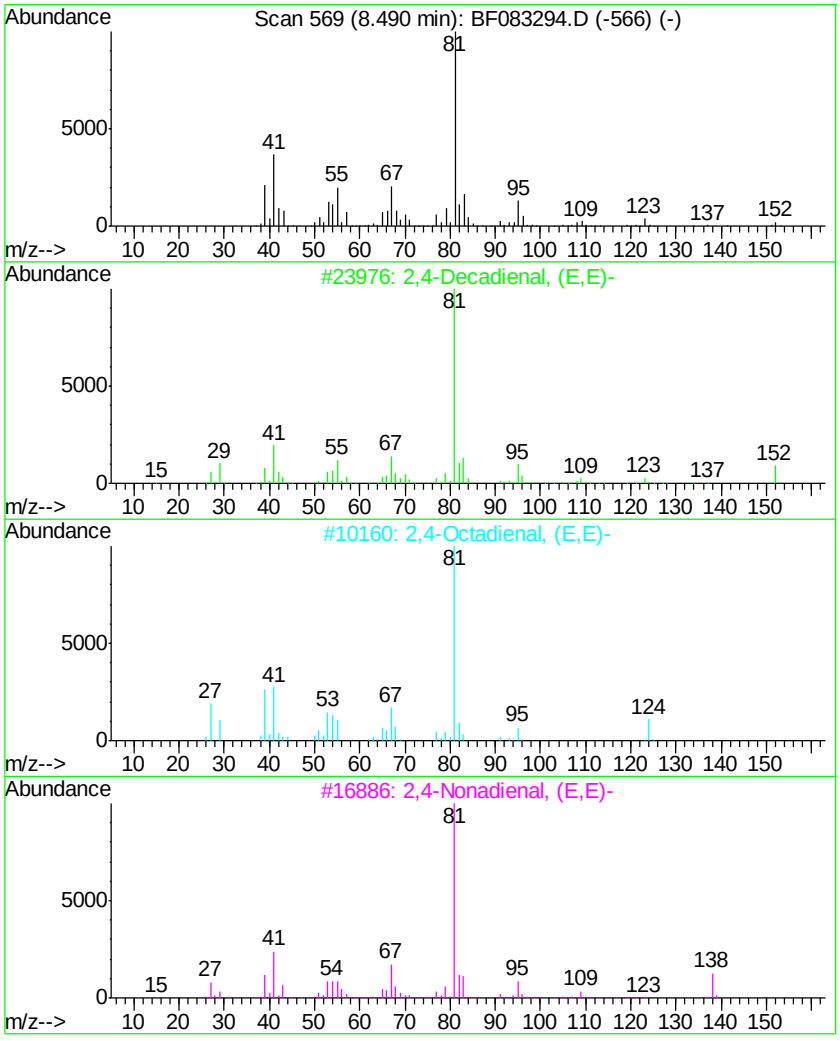
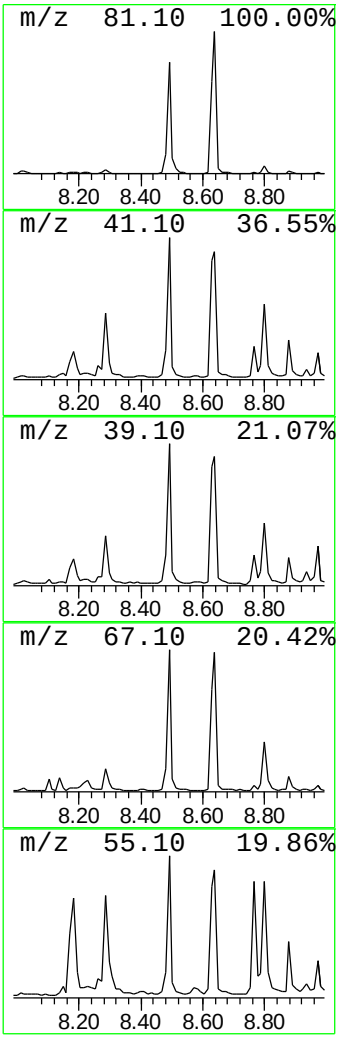
Peak Number 8 2,4-Decadienal, (E,E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	27.38 ng	1515250	Naphthalene-d8	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
2	2,4-Octadienal, (E,E)-	124	C8H12O	030361-28-5	81
3	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	78
4	2,4-Nonadienal	138	C9H14O	006750-03-4	78
5	1-Heptyne	96	C7H12	000628-71-7	72





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Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

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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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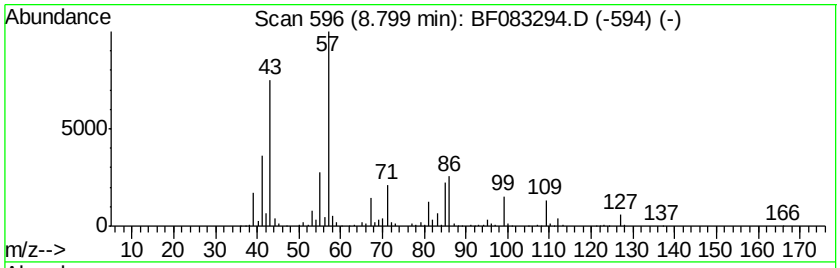
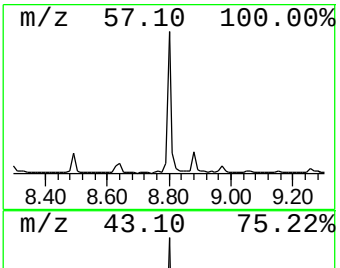
Peak Number 10 unknown8.80 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	22.02 ng	1098930	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3,3,4,4-tetramethyl-	142	C9H18O	000865-66-7	43
2	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	38
3	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	35
4	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	32
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	27





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Sample : G4564-01 5X
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ClientSampleId : 1511173891

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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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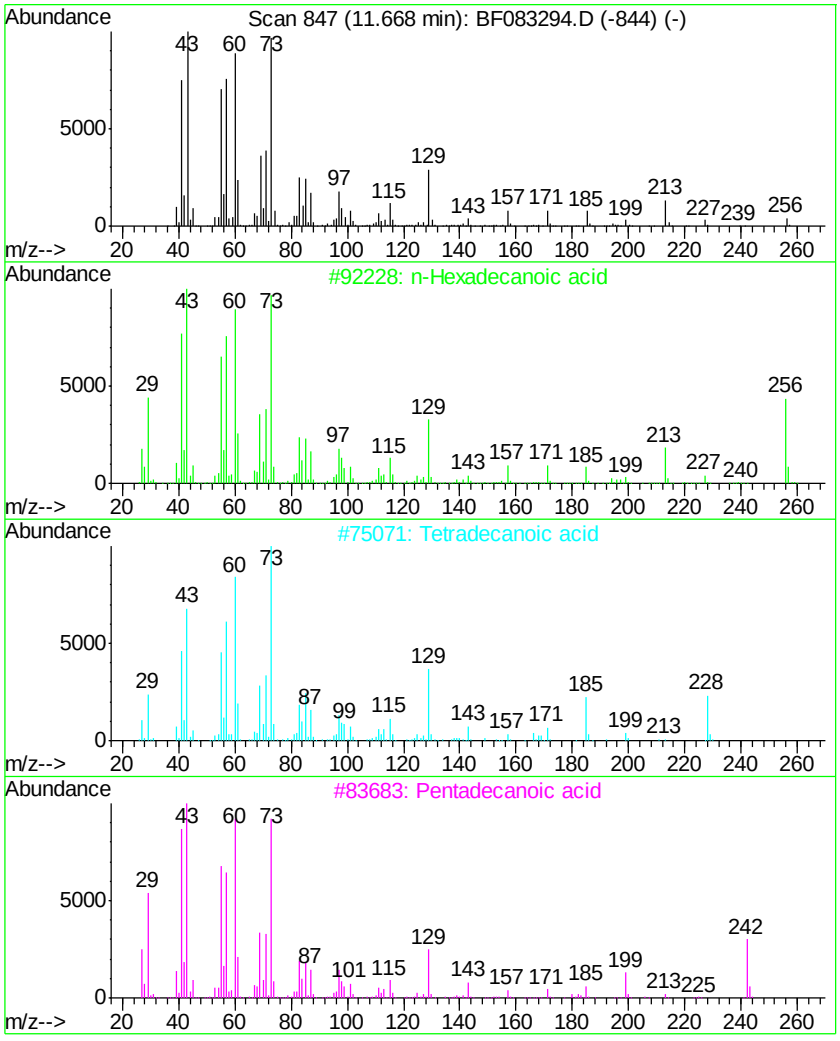
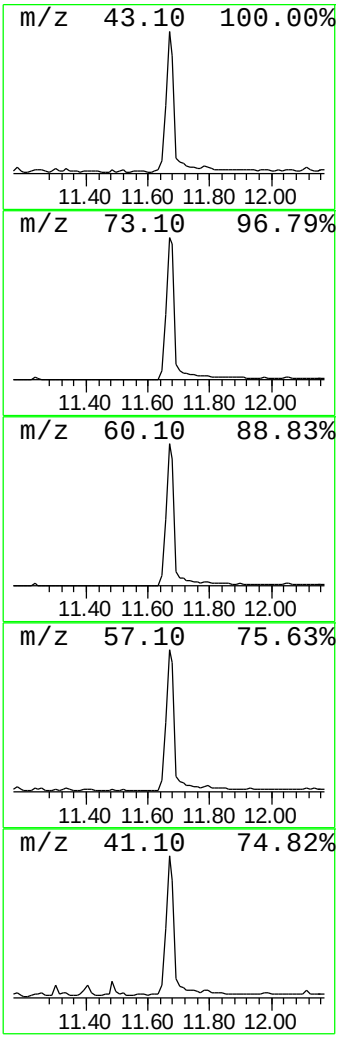
Peak Number 11 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	118.34 ng	5908700	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	78





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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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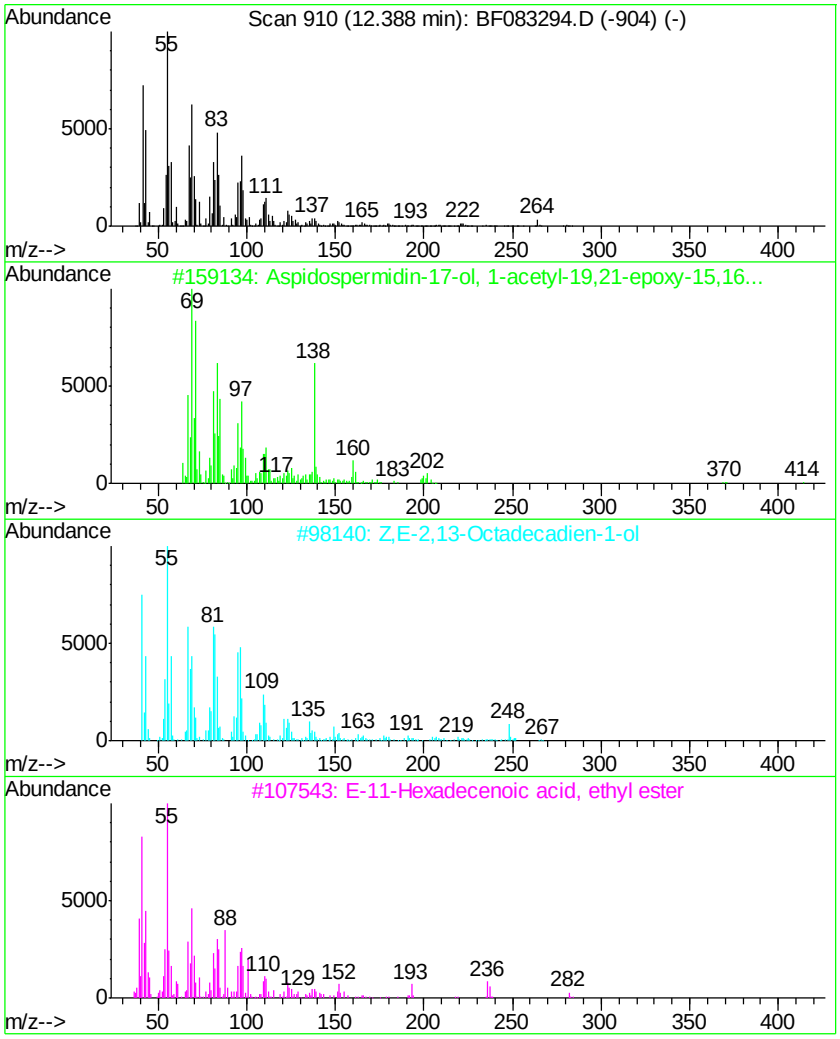
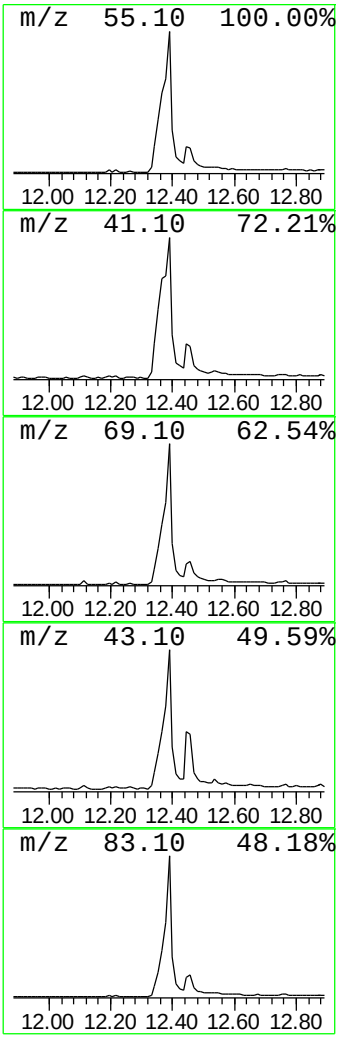
Peak Number 12 Aspidospermidin-17-ol, 1-ac... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	361.81 ng	18065400	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	83
2	Z,E-2,13-Octadecadien-1-ol	266	C18H34O	1000131-10-3	78
3	E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	74
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	72
5	Oleic Acid	282	C18H34O2	000112-80-1	62





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ClientSampleId : 1511173891

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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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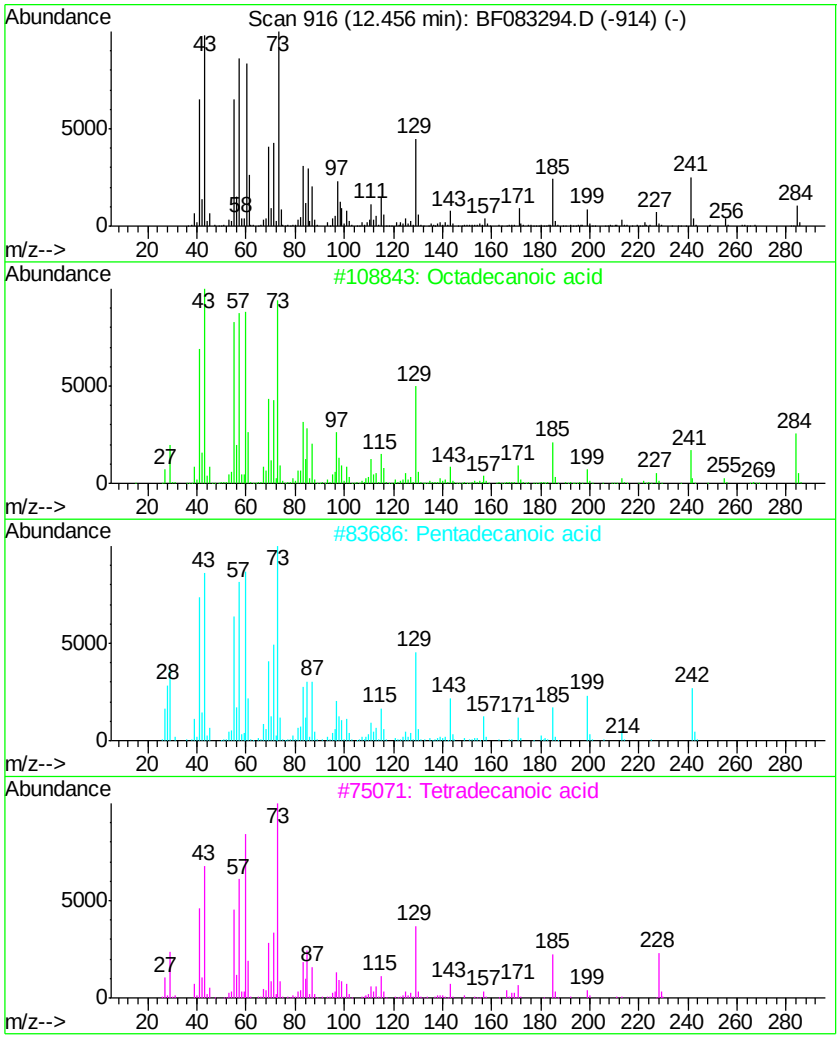
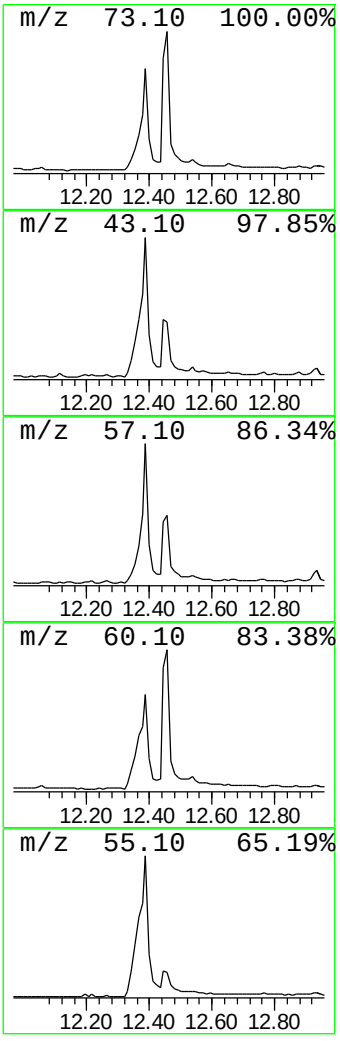
Peak Number 13 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	60.35 ng	3362160	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : 1511173891

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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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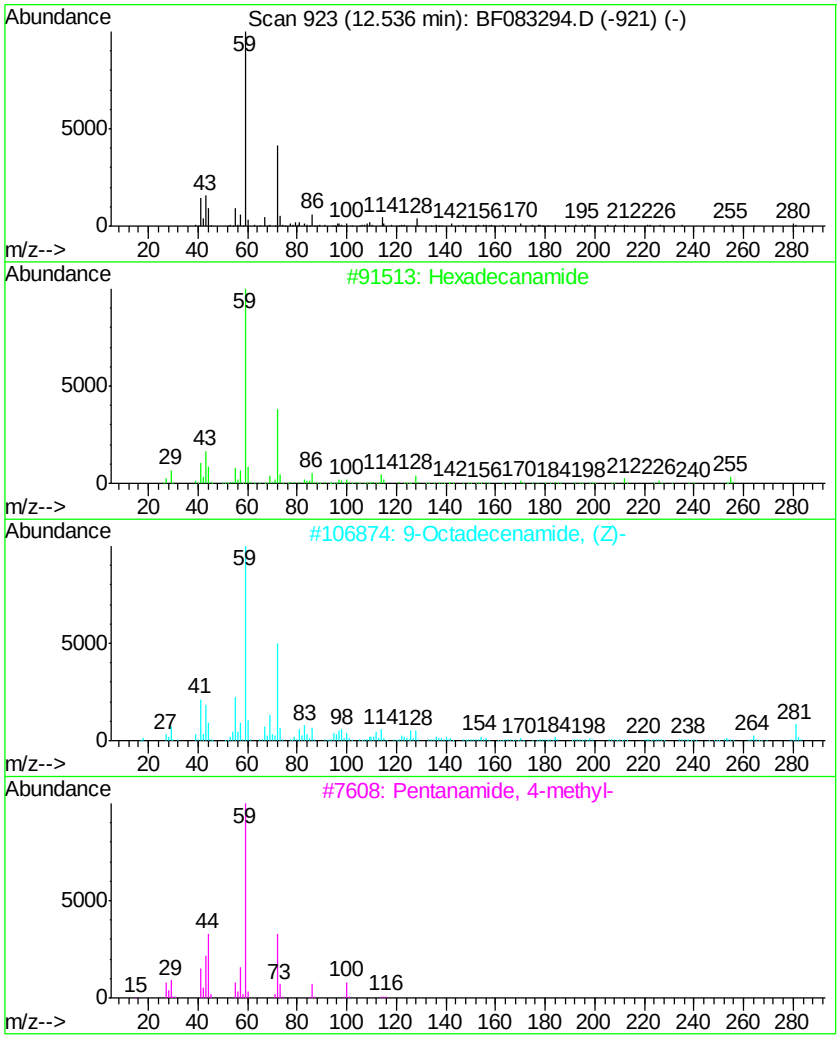
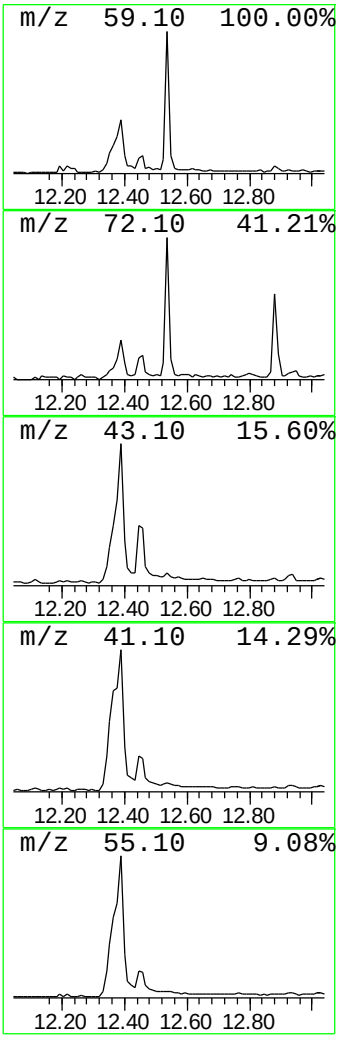
Peak Number 14 Hexadecanamide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	18.84 ng	1049610	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	83
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64
4	Dodecanamide	199	C12H25NO	001120-16-7	64
5	Octanamide	143	C8H17NO	000629-01-6	56





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Instrument : BNA_F
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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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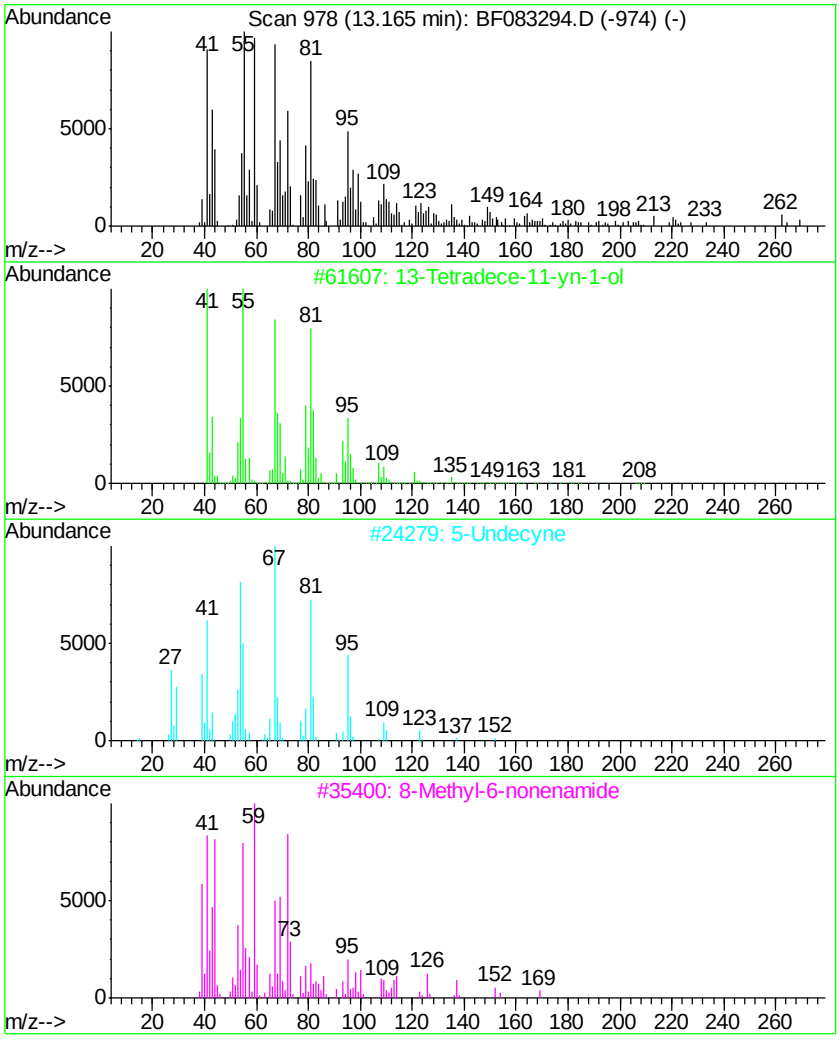
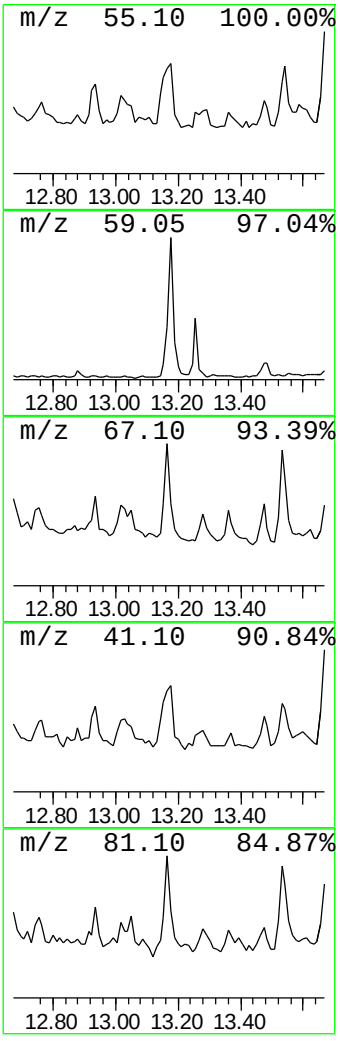
Peak Number 15 13-Tetradece-11-yn-1-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	12.26 ng	683114	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradece-11-yn-1-ol	208	C14H24O	1000131-00-4	70
2	5-Undecyne	152	C11H20	002294-72-6	55
3	8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	50
4	cis-9-Tetradecen-1-ol	212	C14H28O	035153-15-2	46
5	Cyclohexene, 6-butyl-1-nitro-	183	C10H17NO2	084820-13-3	41





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Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

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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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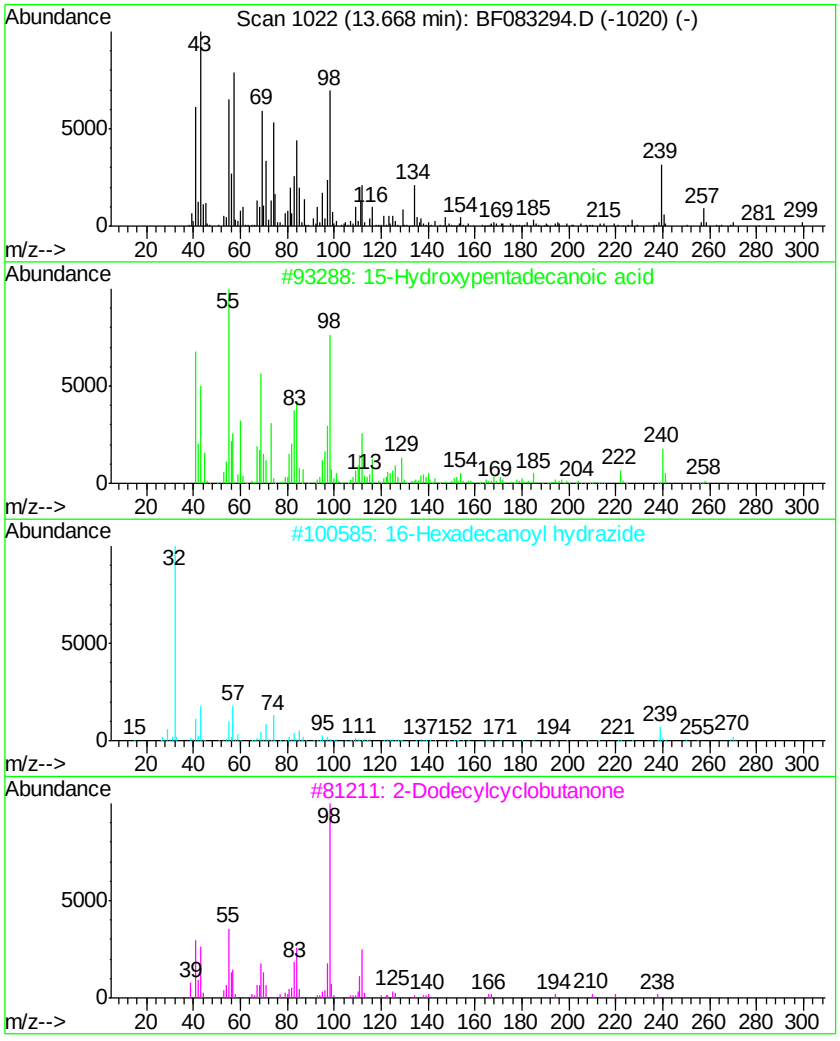
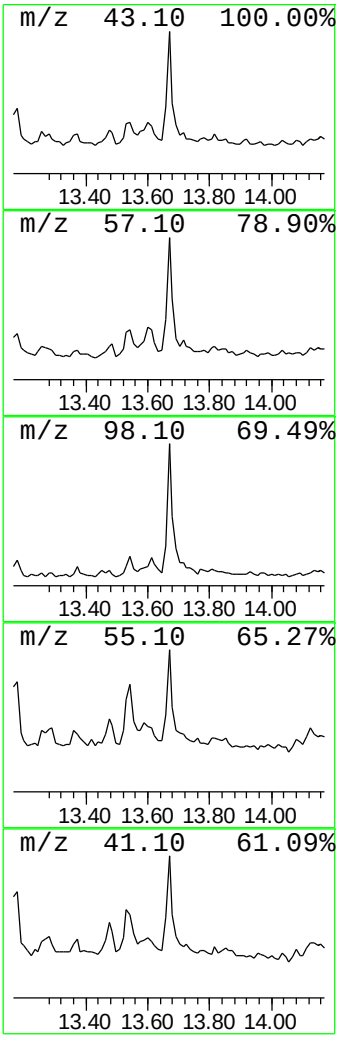
Peak Number 16 unknown13.67 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	11.21 ng	624426	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Hydroxypentadecanoic acid	258	C15H30O3	004617-33-8	38
2	16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	30
3	2-Dodecylcyclobutanone	238	C16H30O	035493-46-0	30
4	Hexanoic acid, 4-oxo-6-(1-piperi...	213	C11H19NO3	339313-13-2	22
5	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	11





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Sample : G4564-01 5X
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Instrument : BNA_F
ClientSampleId : 1511173891

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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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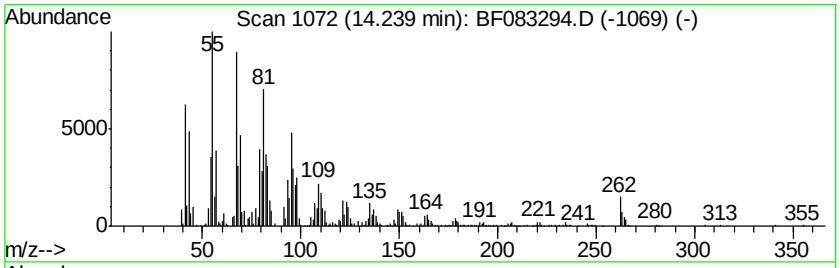
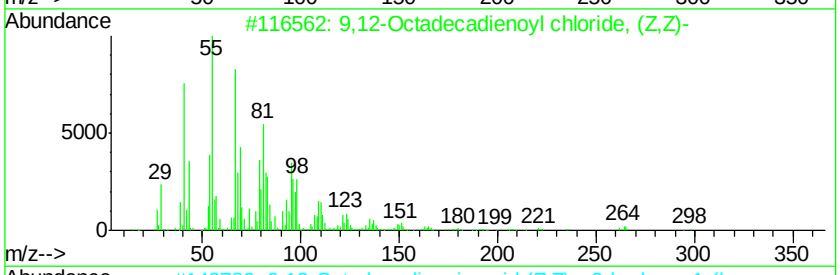
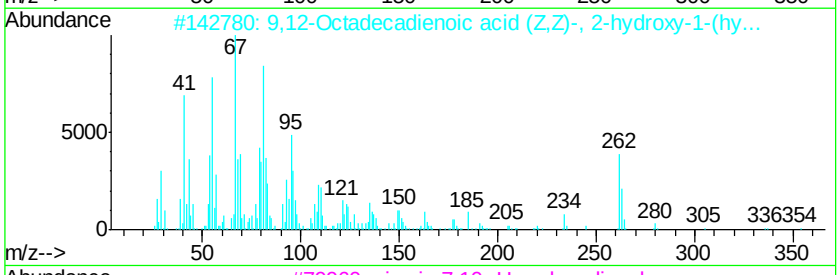
Peak Number 17 9,12-Octadecadienoyl chlori... Concentration Rank 9

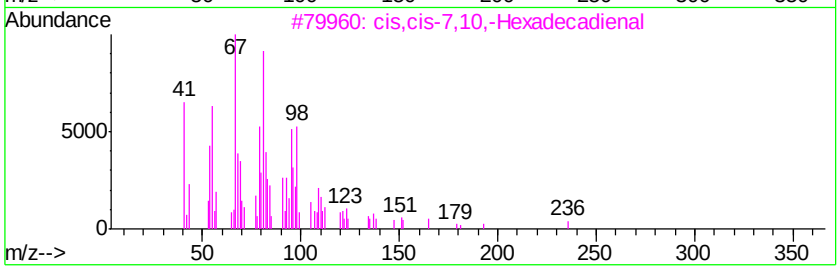
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	28.57 ng	1591460	Chrysene-d12	13.73

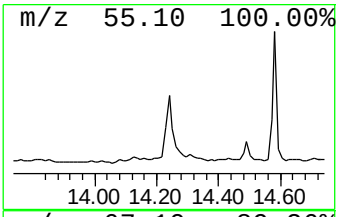
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienovl chloride, (...	298	C18H31ClO	007459-33-8	90
2	9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	003443-82-1	87
3	cis,cis-7,10,-Hexadecadienal	236	C16H28O	056829-23-3	83
4	9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	002277-28-3	81
5	9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	76

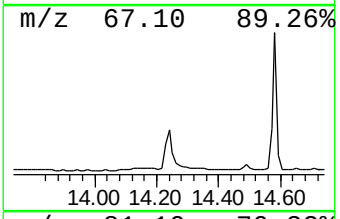


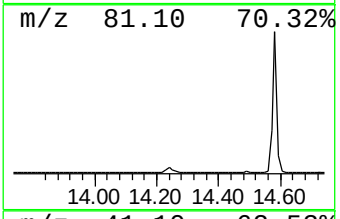


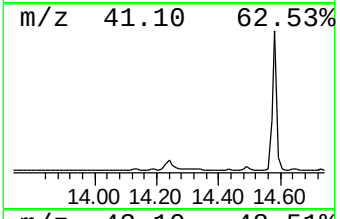


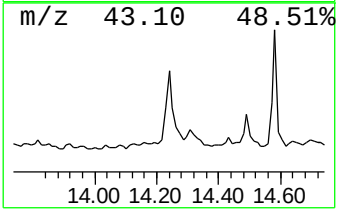












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Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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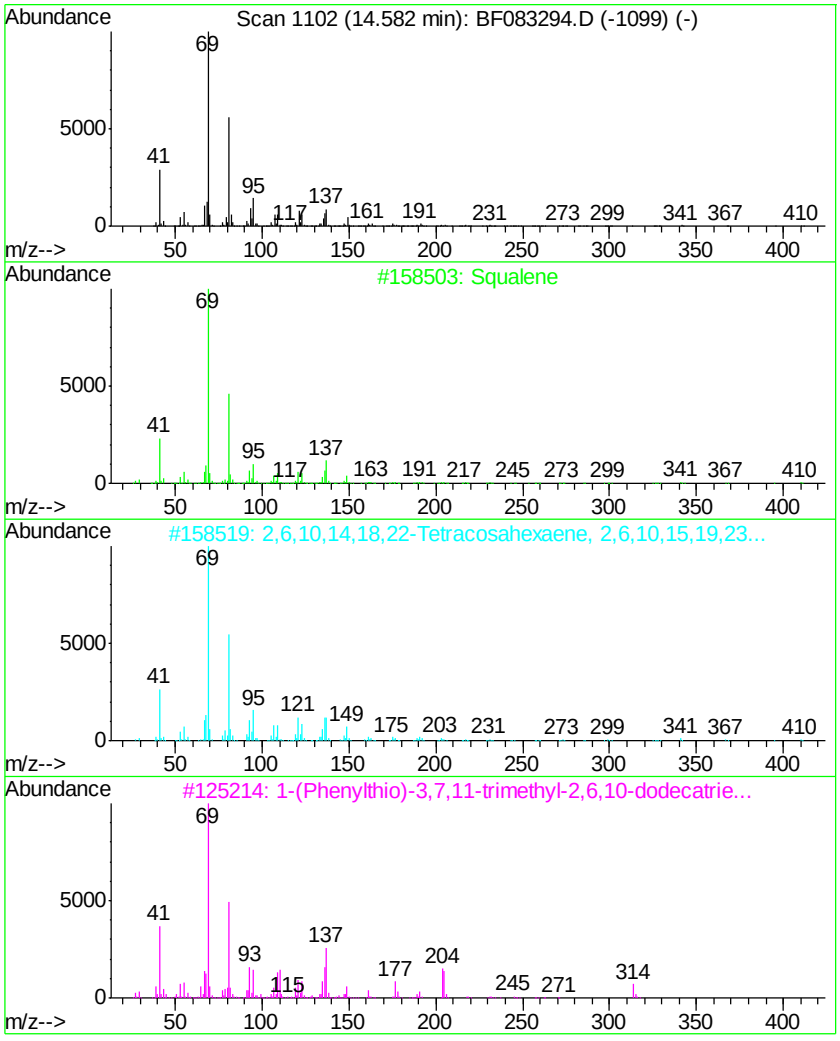
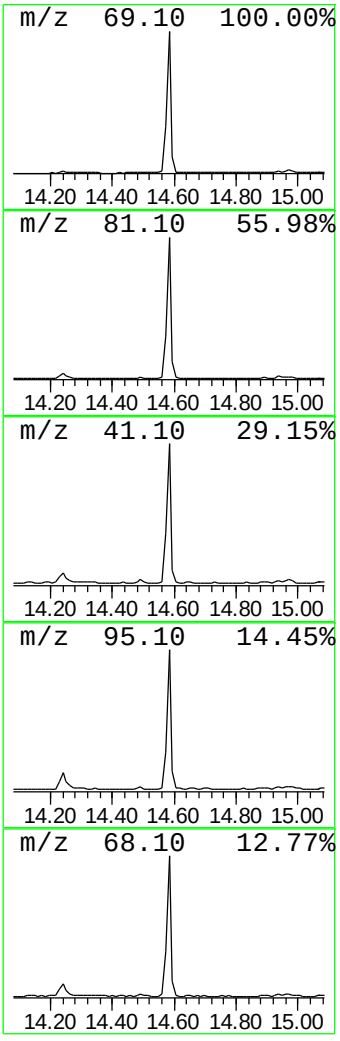
Peak Number 18 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	160.18 ng	7856240	Perylene-d12	15.07

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-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	83
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	78
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	78





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

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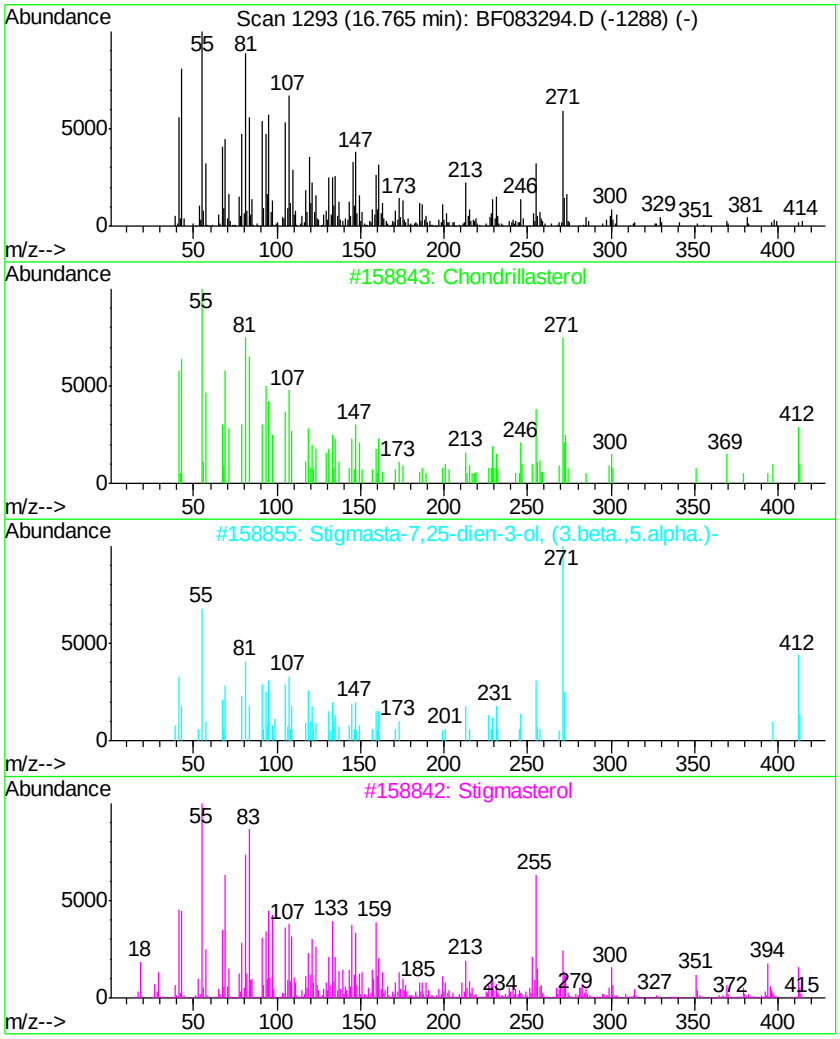
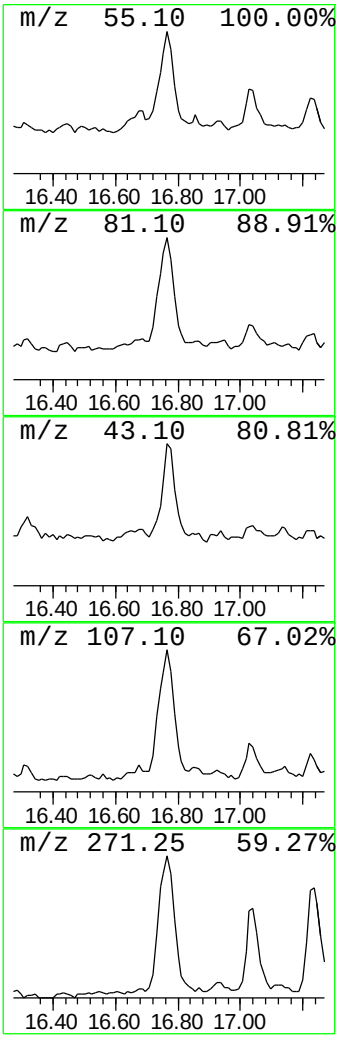
Peak Number 19 Chondrillasterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	36.02 ng	1766740	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chondrillasterol	412	C29H48O	000481-17-4	56
2	Stigmasta-7,25-dien-3-ol, (3.bet...	412	C29H48O	006785-58-6	46
3	Stigmasterol	412	C29H48O	000083-48-7	43
4	23,28-Cyclostigmast-5-en-3-ol, (...	412	C29H48O	1000137-83-6	37
5	Androstan-11-one, 3-(acetyloxy)-...	458	C21H31IO3	056784-27-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

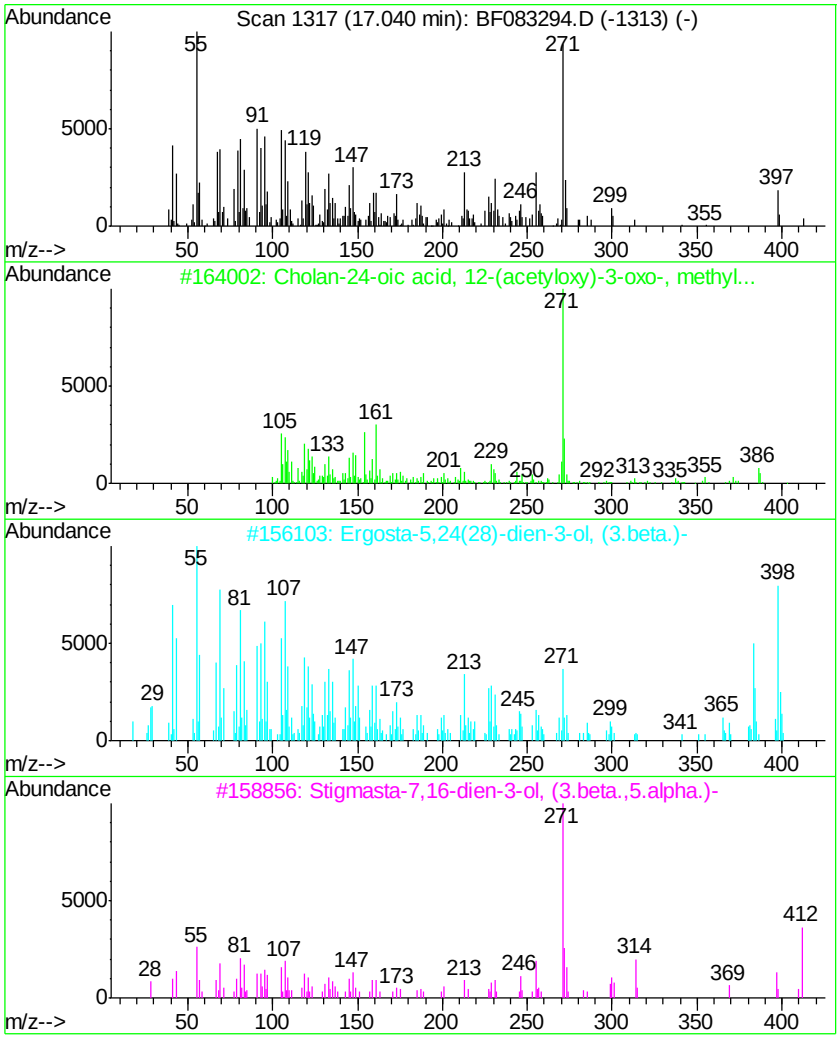
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

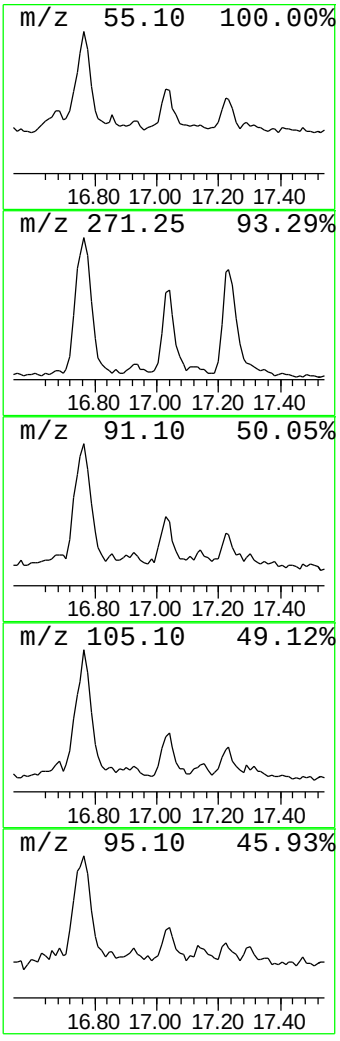
****

Peak Number 20 unknown17.04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	10.24 ng	502289	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholan-24-oic acid, 12-(acetyloxy...	446	C27H42O5	060354-43-0	47
2	Ergosta-5,24(28)-dien-3-ol, (3.b...	398	C28H46O	000474-63-5	38
3	Stigmasta-7,16-dien-3-ol, (3.bet...	412	C29H48O	017851-90-0	38
4	3-Ethoxydiazepam	328	C18H17ClN2O2	1000127-58-5	27
5	9-Borabicyclo[3.3.1]nonane, 9-[[...	424	C24H34B2OS2	139759-24-3	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083294.D
Acq On : 26 Nov 2015 1:15
Operator : UM/IZ
Sample : G4564-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1511173891

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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
Hexanal	4.02	112.9	ng	4973440	1	6.58	881380	20.0
2-Heptenal, (Z)-	6.06	10.9	ng	479546	1	6.58	881380	20.0
unknown6.36	6.36	59.4	ng	2619450	1	6.58	881380	20.0
Hexanoic acid	6.44	24.4	ng	1074810	1	6.58	881380	20.0
unknown6.92	6.92	9.3	ng	411213	1	6.58	881380	20.0
unknown8.18	8.18	11.0	ng	610793	2	7.87	1106990	20.0
2-Decenal, (Z)-	8.28	15.1	ng	834275	2	7.87	1106990	20.0
2,4-Decadienal, (...	8.49	27.4	ng	1515250	2	7.87	1106990	20.0
unknown8.80	8.80	22.0	ng	1098930	3	9.62	998298	20.0
n-Hexadecanoic acid	11.67	118.3	ng	5908700	4	11.10	998609	20.0
Aspidospermidin-1...	12.39	361.8	ng	18065400	4	11.10	998609	20.0
Octadecanoic acid	12.46	60.4	ng	3362160	5	13.73	1114220	20.0
Hexadecanamide	12.54	18.8	ng	1049610	5	13.73	1114220	20.0
13-Tetradece-11-y...	13.17	12.3	ng	683114	5	13.73	1114220	20.0
unknown13.67	13.67	11.2	ng	624426	5	13.73	1114220	20.0
9,12-Octadecadien...	14.24	28.6	ng	1591460	5	13.73	1114220	20.0
Squalene	14.58	160.2	ng	7856240	6	15.07	980931	20.0
Chondrillasterol	16.77	36.0	ng	1766740	6	15.07	980931	20.0
unknown17.04	17.04	10.2	ng	502289	6	15.07	980931	20.0