LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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	2.170	15	16	30	rVB3	26271	94553	1.74%	0.209%
2	4.718	237	239	248	rBV	1254094	1995860	36.63%	4.415%
3	5.187	277	280	283	rBV	4408236	4845827	88.93%	10.720%
4	6.261	371	374	376	rBV	4868093	5449328	100.00%	12.055%
5	6.364	380	383	385	rBV	5315803	5174441	94.96%	11.446%
6	6.582	400	402	405	rBV	787675	958089	17.58%	2.119%
7	6.742	414	416	419	rBV	3771843	3684982	67.62%	8.152%
8	7.164	450	453	455	rBV	2566779	3378372	62.00%	7.473%
9	7.873	513	515	518	rBV	1322743	1223653	22.46%	2.707%
10	8.959	607	610	612	rBV	5291041	4951833	90.87%	10.954%
11	9.359	642	645	647	rBV	863690	764585	14.03%	1.691%
12	9.576	662	664	666	rBV	88422	86924	1.60%	0.192%
13	9.622	666	668	671	rVV	1438416	1277505	23.44%	2.826%
14	10.079	706	708	709	rBV	151405	134350	2.47%	0.297%
15	10.296	724	727	728	rBV	58747	75274	1.38%	0.167%
16	10.410	735	737	739	rBV	2440116	2316453	42.51%	5.124%
17	10.548	747	749	755	rBV	186273	231195	4.24%	0.511%
18	10.993	786	788	789	rBV	97950	81078	1.49%	0.179%
19	11.096	795	797	800	rBV	1235095	1079455	19.81%	2.388%
20	11.153	800	802	806	rBV2	29777	69484	1.28%	0.154%
21	11.656	844	846	851	rBV	560231	657202	12.06%	1.454%
22	12.434	912	914	919	rVB	126394	148050	2.72%	0.328%
23	12.685	933	936	938	rBV	3419397	3211419	58.93%	7.104%
24	13.588	1013	1015	1021	rBV	316275	489073	8.97%	1.082%
25	13.725	1024	1027	1029	rBV	800912	1125251	20.65%	2.489%
26	14.228	1068	1071	1074	rBV2	66262	132280	2.43%	0.293%
27	14.514	1094	1096	1098	rBV	44043	61378	1.13%	0.136%
28	14.799	1119	1121	1126	rVB	75689	119996	2.20%	0.265%
29	15.074	1142	1145	1148	rBV	812726	935151	17.16%	2.069%
30	15.485	1179	1181	1183	rBV	99363	145421	2.67%	0.322%
31	15.531	1183	1185	1188	rVB3	58709	116902	2.15%	0.259%
32	15.897	1215	1217	1222	rVB3	53248	116715	2.14%	0.258%
33	16.388	1258	1260	1264	rVB2	48692	73608	1.35%	0.163%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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

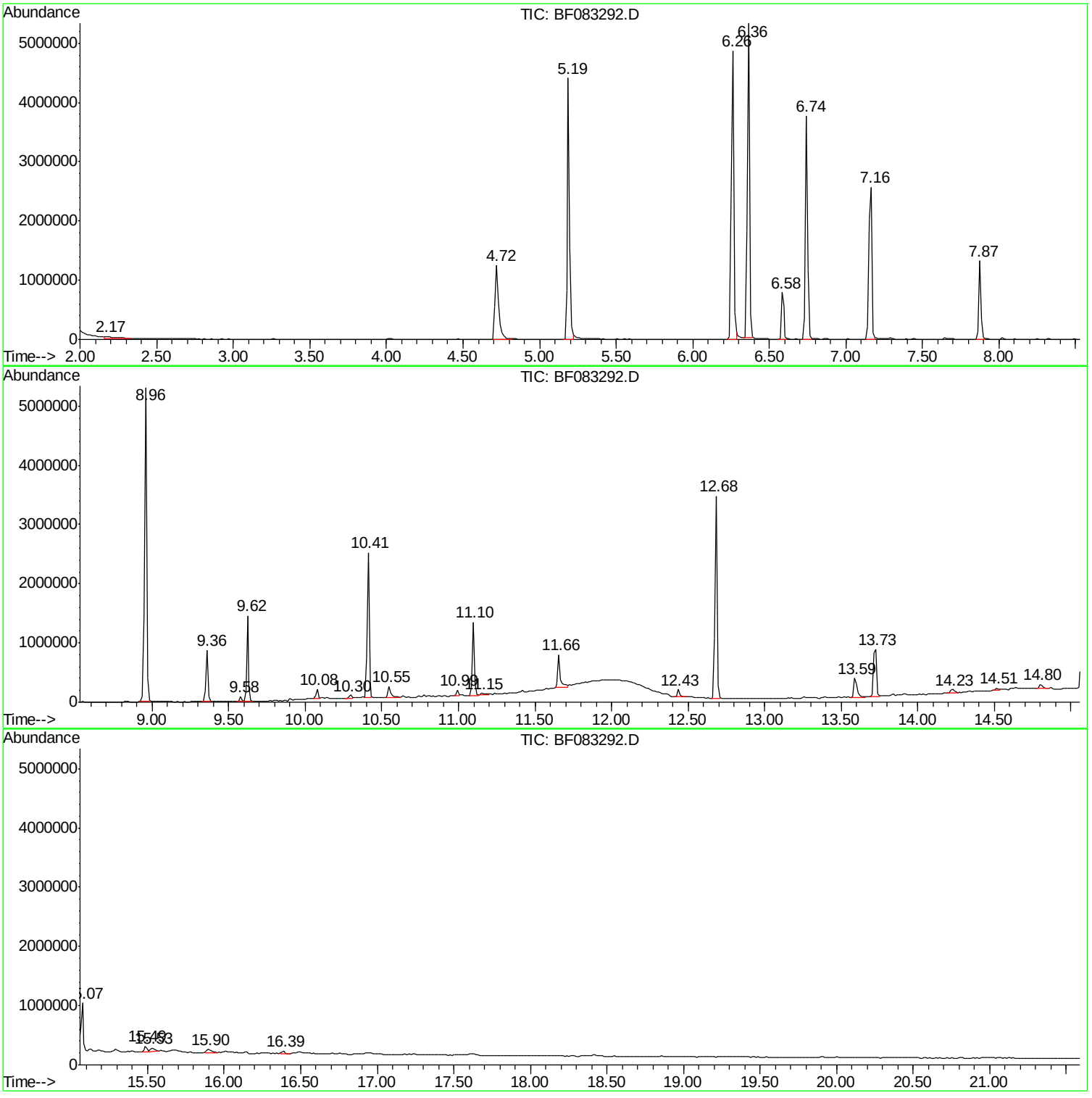
Sum of corrected areas: 45205687

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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

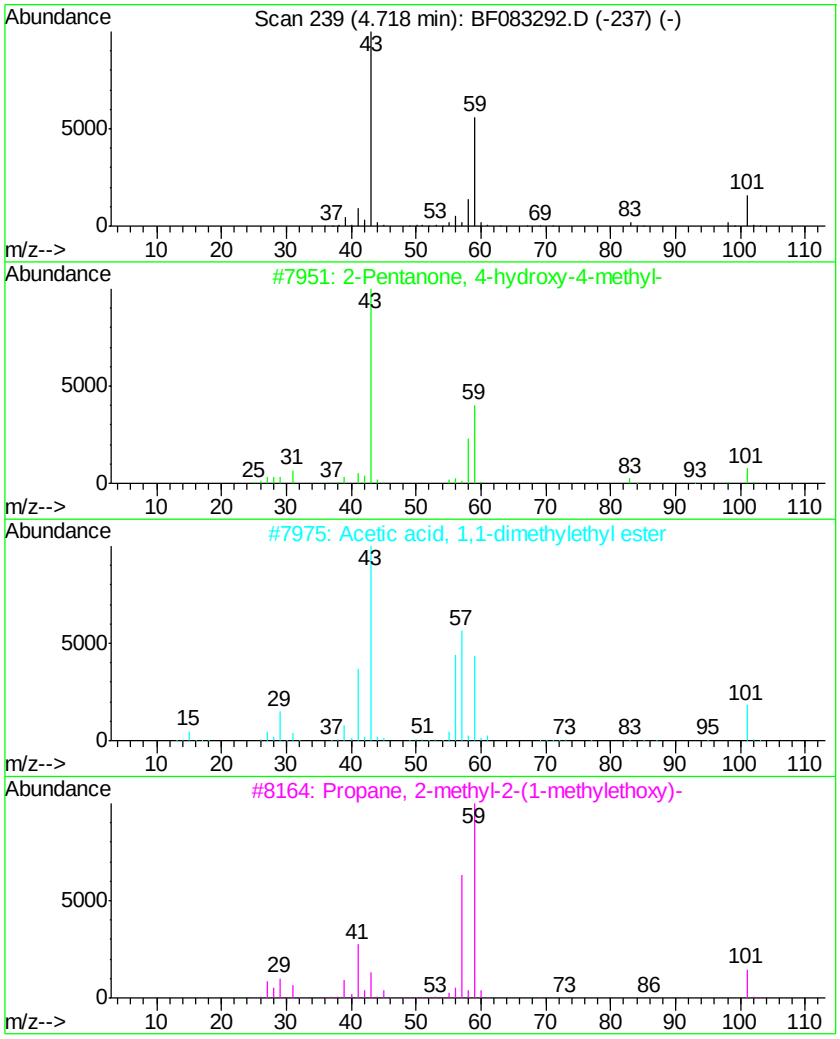
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

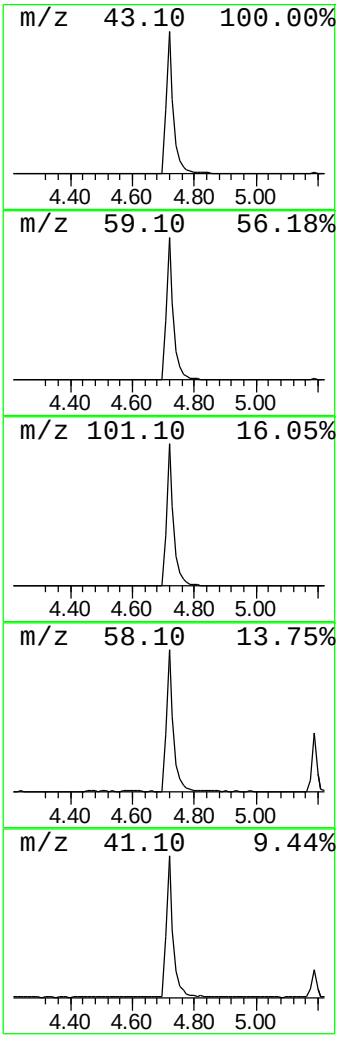
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	41.66 ng	1995860	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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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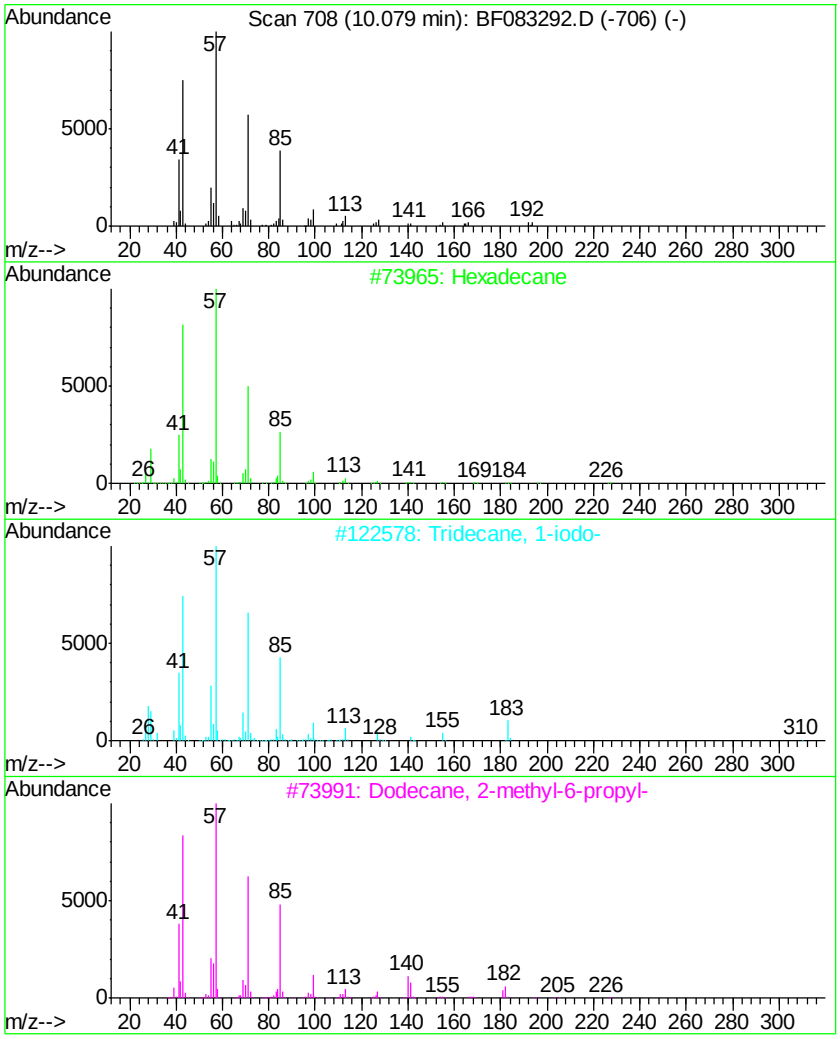
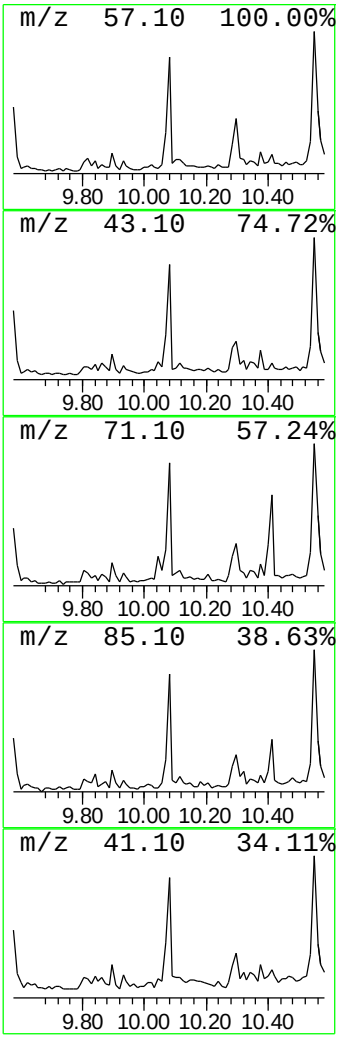
Peak Number 4 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	2.10 ng	134350	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Eicosane	282	C20H42	000112-95-8	74
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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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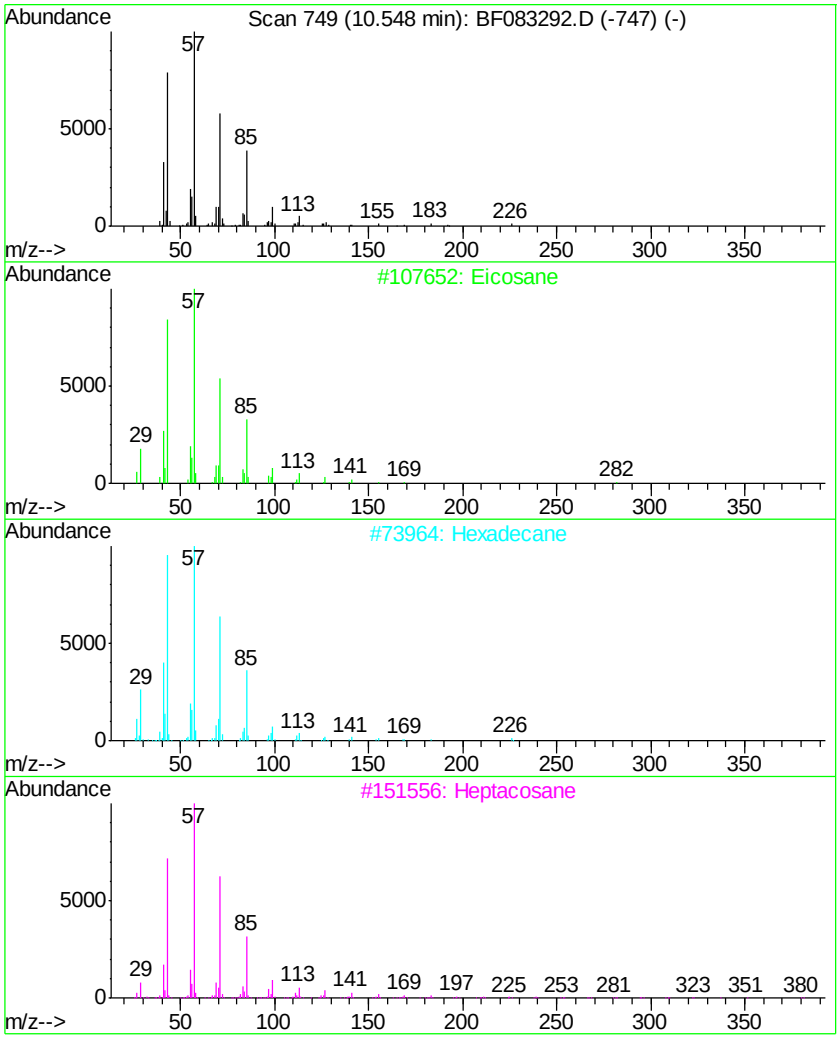
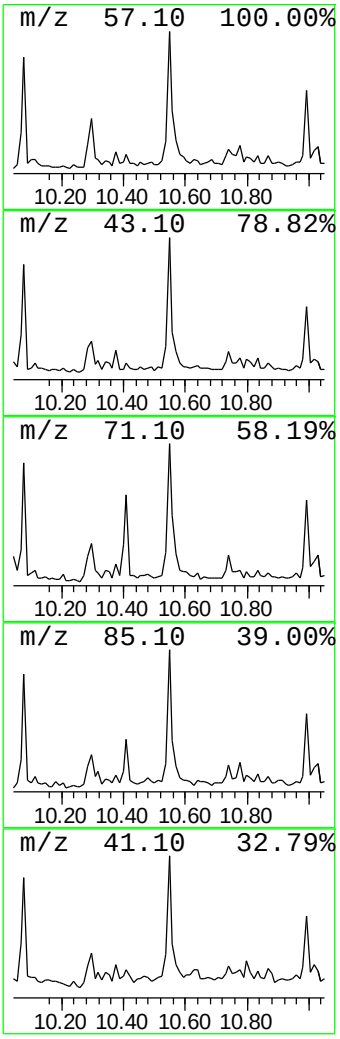
Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	4.28 ng	231195	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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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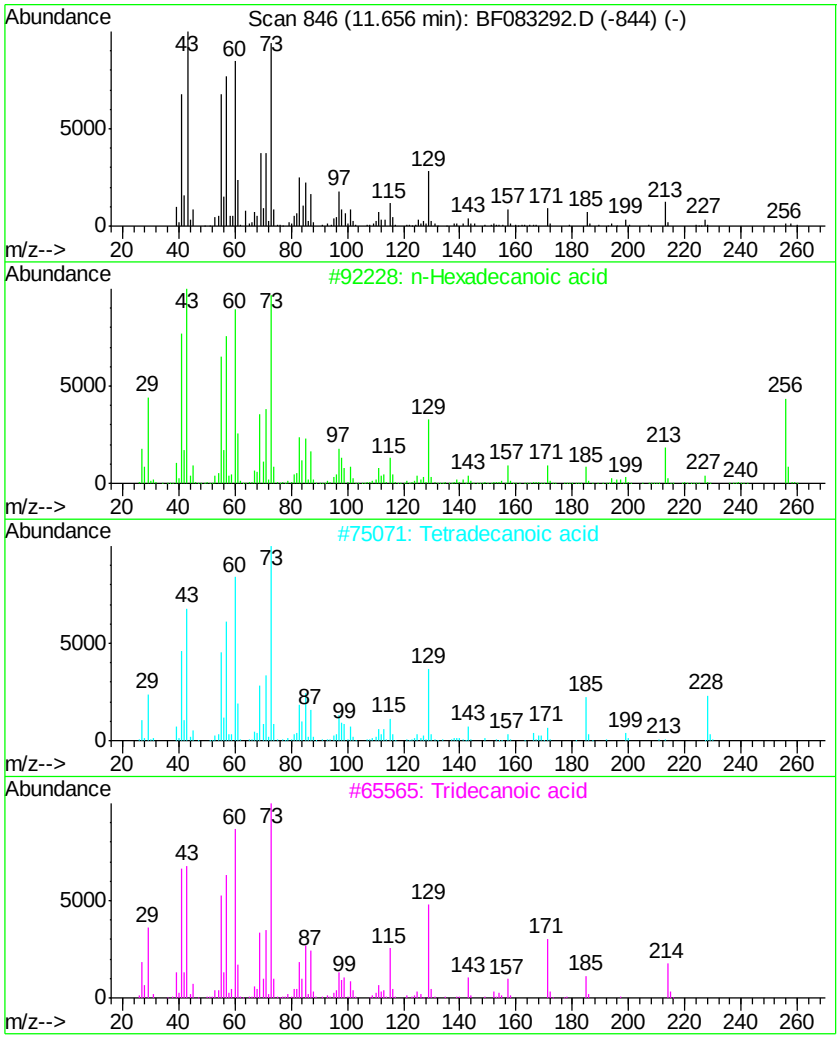
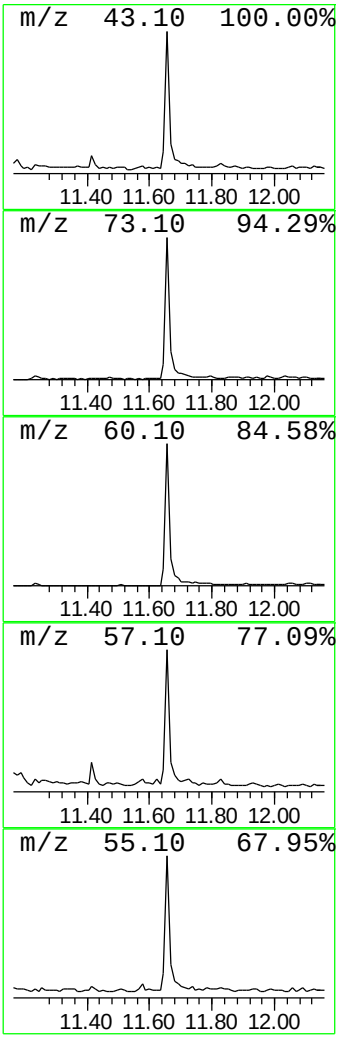
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	12.18 ng	657202	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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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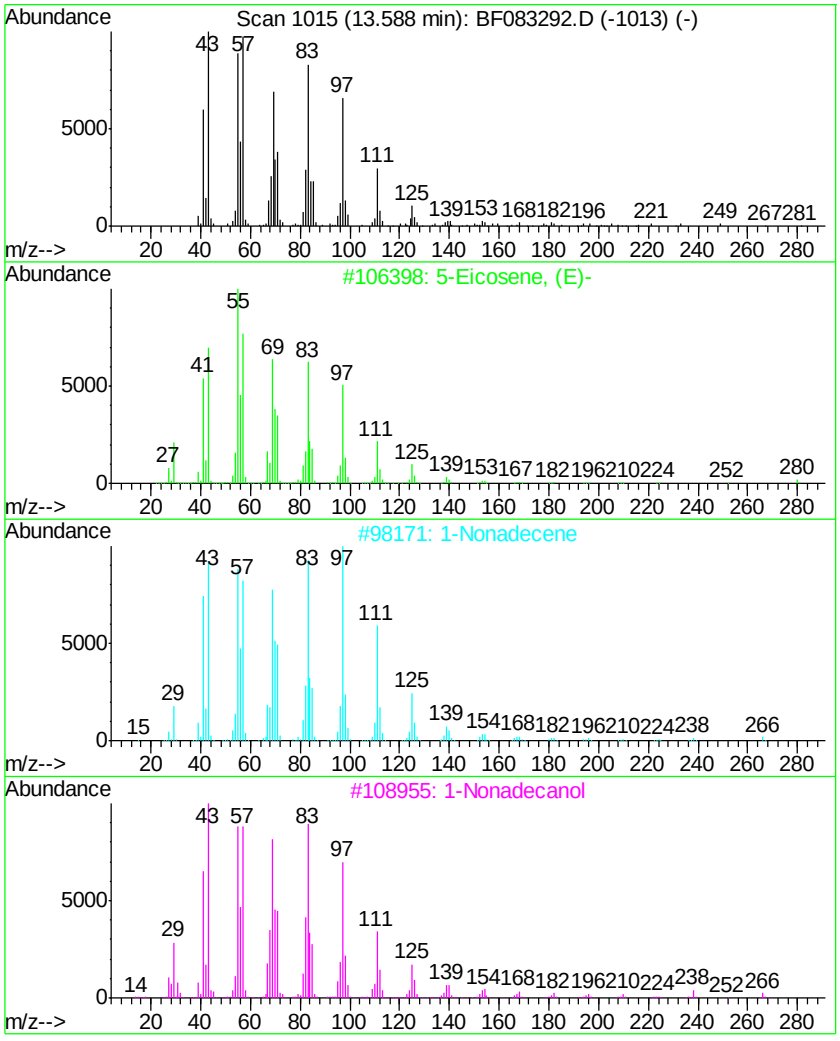
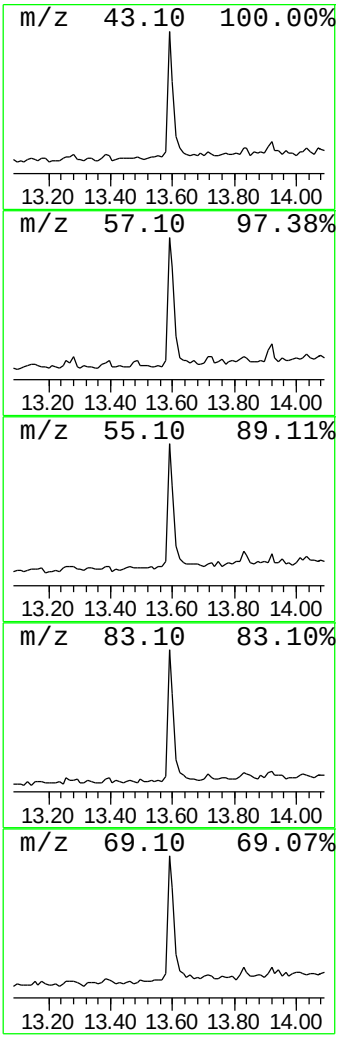
Peak Number 8 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	8.69 ng	489073	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	1-Nonadecanol	284	C19H40O	001454-84-8	91
4	2- Bromopropionic acid, tetradec...	348	C17H33BrO2	086711-82-2	91
5	Cyclohexadecane	224	C16H32	000295-65-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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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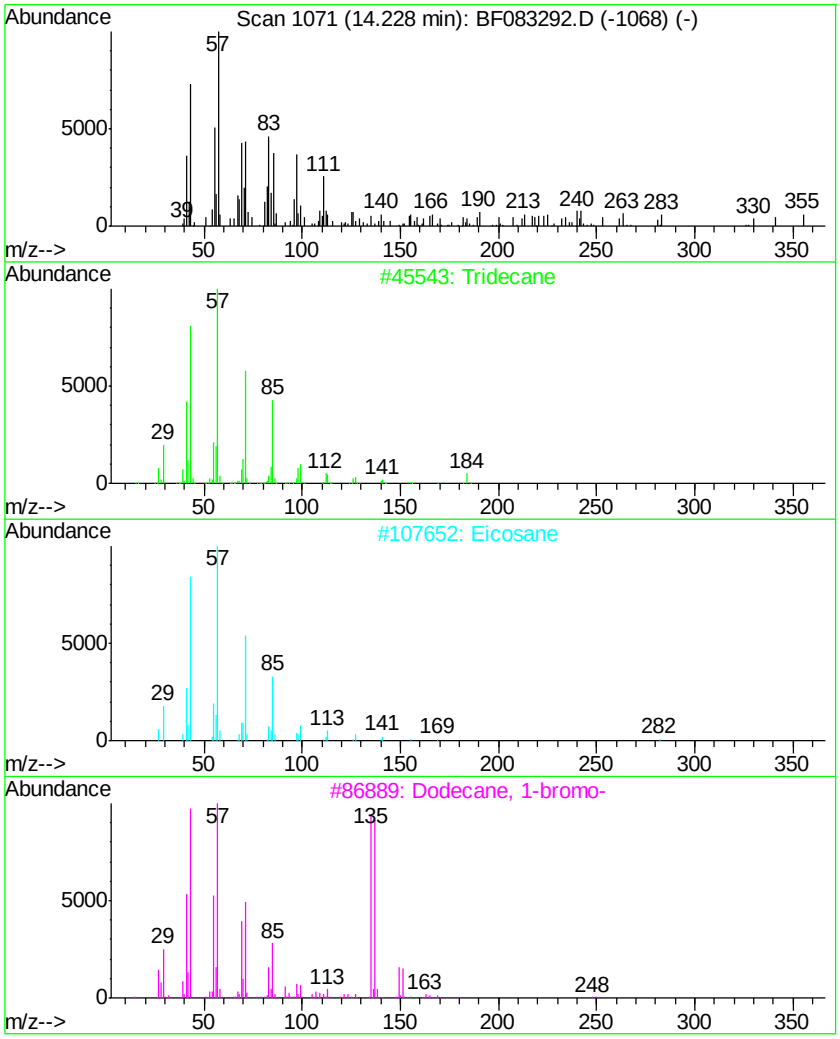
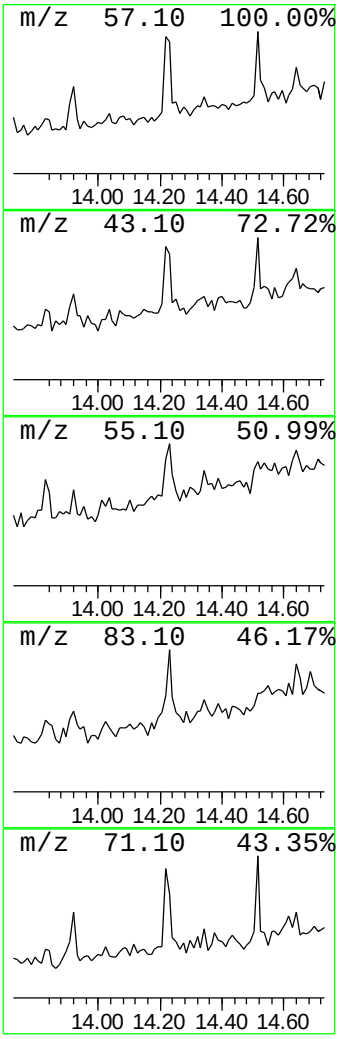
Peak Number 9 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.35 ng	132280	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Eicosane	282	C20H42	000112-95-8	42
3	Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	41
4	3-Nonen-2-one	140	C9H16O	014309-57-0	38
5	Pentadecane	212	C15H32	000629-62-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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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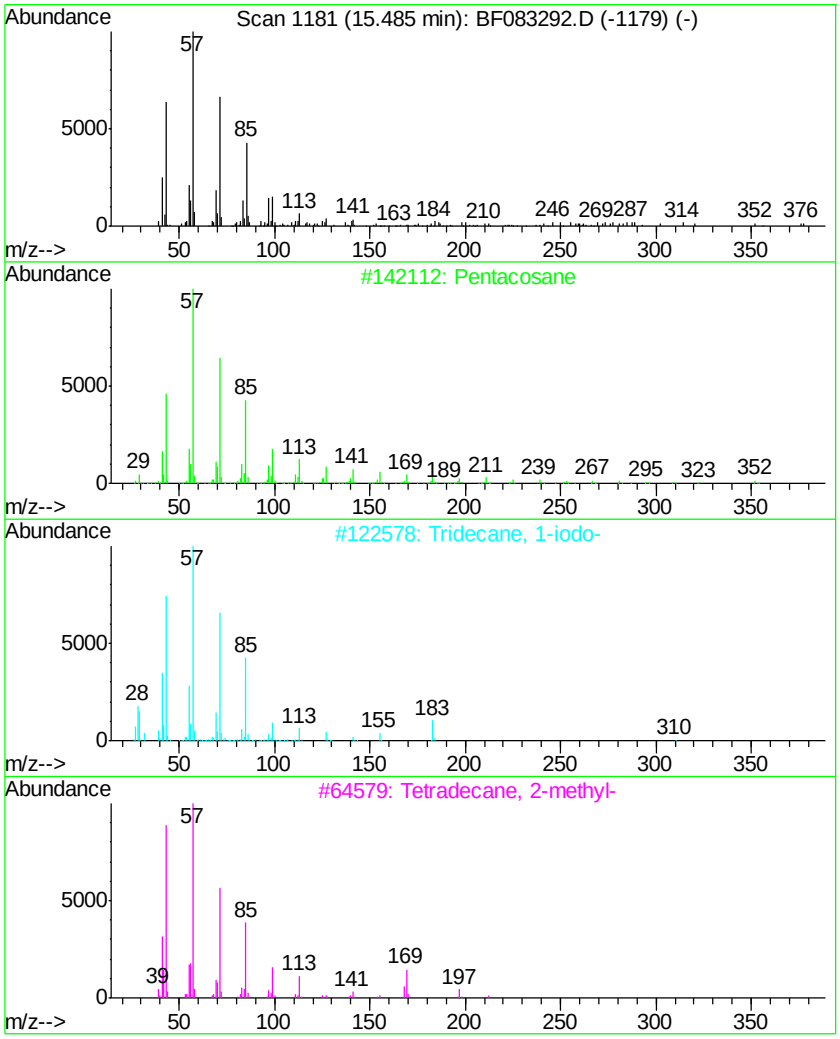
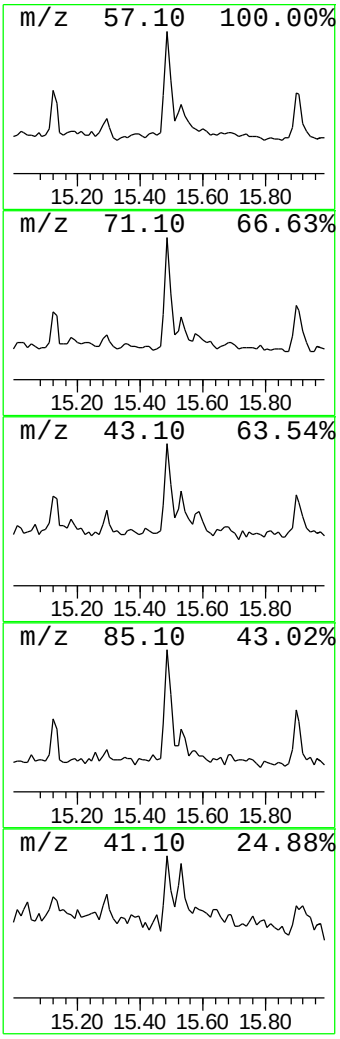
Peak Number 11 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	3.11 ng	145421	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	80
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Tetradecane	198	C14H30	000629-59-4	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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

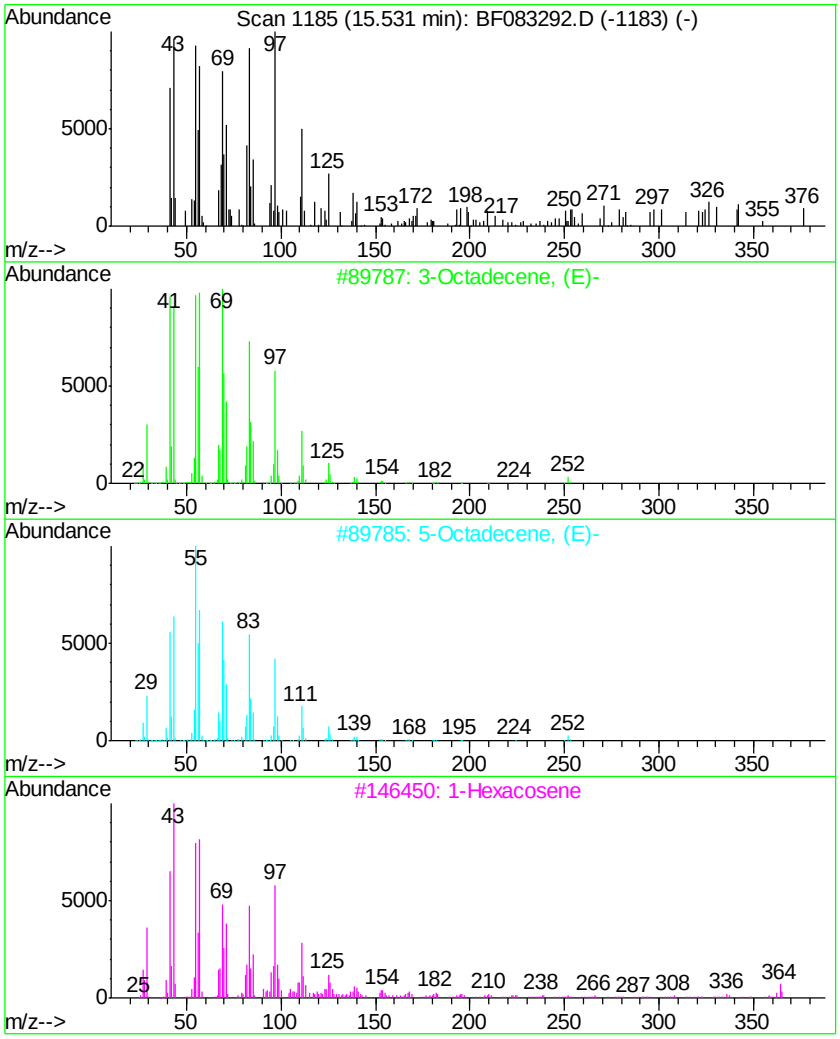
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

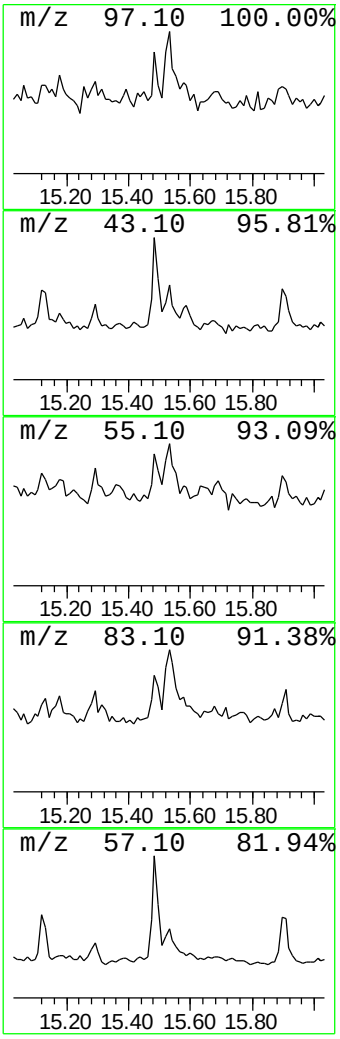
****

Peak Number 12 3-Octadecene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.50 ng	116902	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	86
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	83
3	1-Hexacosene	364	C26H52	018835-33-1	46
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	43
5	1-Octadecene	252	C18H36	000112-88-9	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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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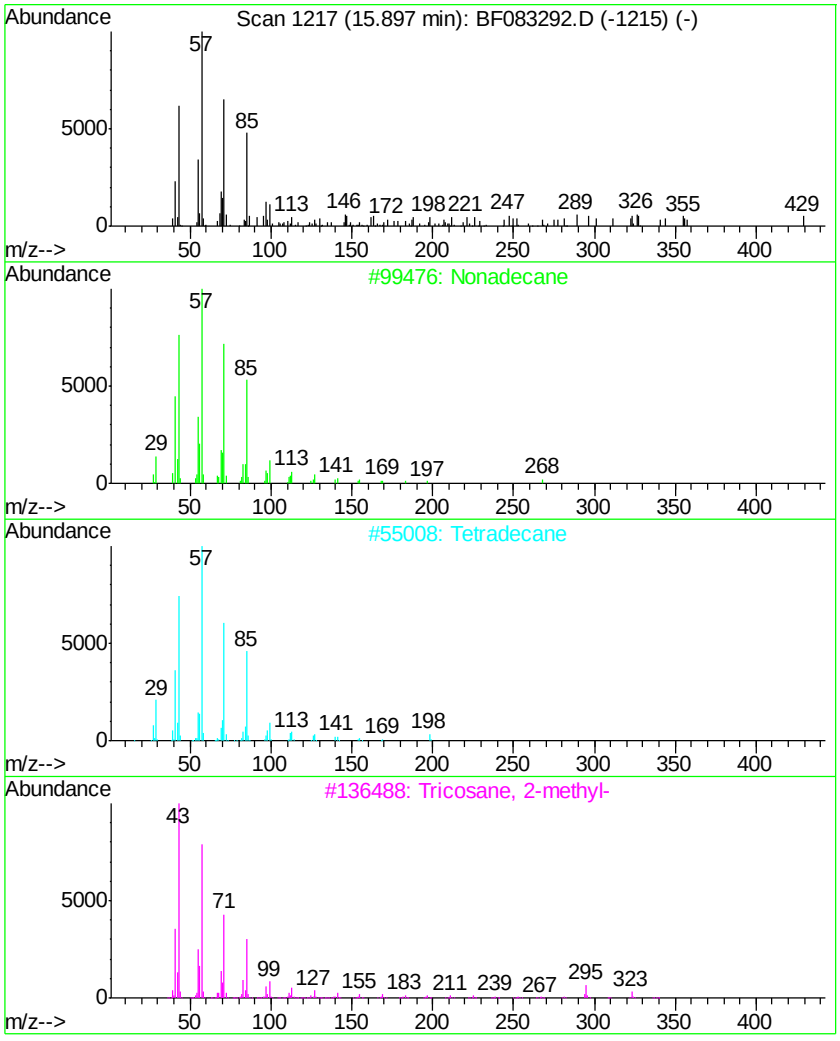
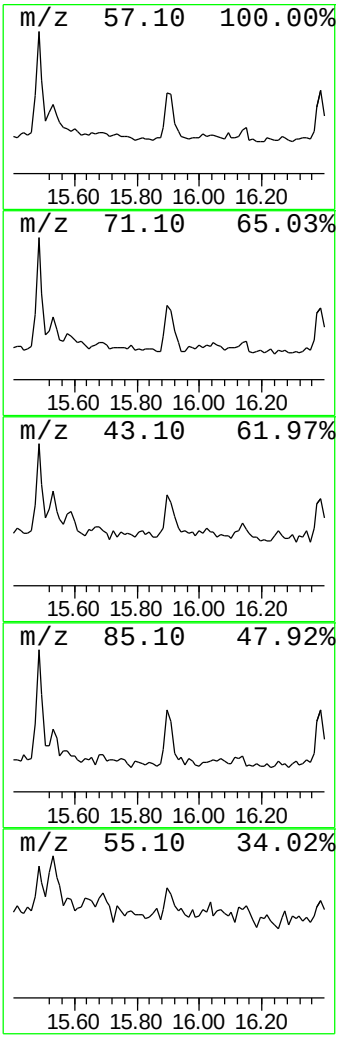
Peak Number 13 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.50 ng	116715	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	64
2	Tetradecane	198	C14H30	000629-59-4	58
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	53
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	52
5	Pentadecane	212	C15H32	000629-62-9	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083292.D
Acq On : 26 Nov 2015 00:16
Operator : UM/IZ
Sample : G4569-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-001

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
2-Pentanone, 4-hy...	4.72	41.7	ng	1995860	1	6.58	958089	20.0
Hexadecane	10.08	2.1	ng	134350	3	9.62	1277510	20.0
Eicosane	10.55	4.3	ng	231195	4	11.10	1079460	20.0
n-Hexadecanoic acid	11.66	12.2	ng	657202	4	11.10	1079460	20.0
5-Eicosene, (E)-	13.59	8.7	ng	489073	5	13.73	1125250	20.0
Tridecane	14.23	2.4	ng	132280	5	13.73	1125250	20.0
Pentacosane	15.49	3.1	ng	145421	6	15.07	935151	20.0
3-Octadecene, (E)-	15.53	2.5	ng	116902	6	15.07	935151	20.0
Nonadecane	15.90	2.5	ng	116715	6	15.07	935151	20.0