LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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	4.707	235	238	253	rBV	1056925	1883819	33.40%	3.268%
2	5.187	277	280	282	rBV	3709390	4925841	87.34%	8.546%
3	5.347	291	294	302	rVB	26387	64680	1.15%	0.112%
4	6.250	371	373	376	rBV	3589846	5341665	94.71%	9.267%
5	6.364	380	383	385	rBV	4682875	5221365	92.58%	9.059%
6	6.582	400	402	405	rBV	857137	980370	17.38%	1.701%
7	6.742	414	416	419	rBV	4014753	3673150	65.13%	6.373%
8	7.153	450	452	455	rBV	2310758	3322940	58.92%	5.765%
9	7.302	462	465	468	rBV	149099	257406	4.56%	0.447%
10	7.656	494	496	505	rVB	58321	91871	1.63%	0.159%
11	7.805	505	509	513	rBV	38990	75154	1.33%	0.130%
12	7.873	513	515	518	rVV	1417977	1286962	22.82%	2.233%
13	8.262	546	549	552	rBV	88542	112857	2.00%	0.196%
14	8.833	595	599	602	rBV	76062	107297	1.90%	0.186%
15	8.959	607	610	612	rBV	5731938	5639827	100.00%	9.785%
16	9.359	643	645	647	rBV	1483463	1313162	23.28%	2.278%
17	9.576	662	664	666	rBV	111026	118011	2.09%	0.205%
18	9.622	666	668	671	rVV	1686921	1501443	26.62%	2.605%
19	9.896	690	692	694	rBV	55065	73918	1.31%	0.128%
20	10.045	704	705	706	rBV	62182	58705	1.04%	0.102%
21	10.079	706	708	709	rVB	157111	149591	2.65%	0.260%
22	10.296	724	727	730	rBV	60016	98803	1.75%	0.171%
23	10.410	734	737	739	rBV	3468910	3416088	60.57%	5.927%
24	10.548	744	749	752	rBV3	186682	296879	5.26%	0.515%
25	10.639	755	757	759	rVV2	97417	103376	1.83%	0.179%
26	10.673	759	760	764	rVB2	58690	68681	1.22%	0.119%
27	10.742	764	766	768	rBV3	42293	75025	1.33%	0.130%
28	10.776	768	769	772	rBV3	44032	76533	1.36%	0.133%
29	10.993	784	788	789	rBV	131536	150923	2.68%	0.262%
30	11.096	794	797	799	rVV	1723115	1528798	27.11%	2.652%
31	11.176	801	804	808	rBV2	45723	94333	1.67%	0.164%
32	11.348	816	819	823	rBV	157831	211092	3.74%	0.366%
33	11.416	823	825	828	rVB	95175	93876	1.66%	0.163%
34	11.656	844	846	850	rBV2	856876	929682	16.48%	1.613%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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	11.828	856	861	862	rBV2	43537	106107	1.88%	0.184%
36	11.931	868	870	873	rBV	36967	81348	1.44%	0.141%
37	11.988	873	875	876	rBV	52203	61003	1.08%	0.106%
38	12.136	887	888	893	rVB2	66454	148650	2.64%	0.258%
39	12.331	903	905	910	rVB3	99989	253075	4.49%	0.439%
40	12.434	912	914	917	rBV	528425	600404	10.65%	1.042%
41	12.479	917	918	921	rVB	77187	105438	1.87%	0.183%
42	12.685	933	936	938	rBV	4874492	4816231	85.40%	8.356%
43	12.834	947	949	952	rBV	119258	176536	3.13%	0.306%
44	12.936	956	958	959	rVV	61618	71490	1.27%	0.124%
45	12.982	959	962	963	rVB	53355	69813	1.24%	0.121%
46	13.154	974	977	980	rBV2	247633	532803	9.45%	0.924%
47	13.211	980	982	984	rVV	110177	144967	2.57%	0.252%
48	13.302	984	990	991	rVV	177197	320480	5.68%	0.556%
49	13.336	991	993	995	rVV	323580	407868	7.23%	0.708%
50	13.382	996	997	1000	rVB	131359	121046	2.15%	0.210%
51	13.519	1007	1009	1013	rVB	48451	64031	1.14%	0.111%
52	13.599	1013	1016	1018	rBV2	268196	425081	7.54%	0.737%
53	13.645	1018	1020	1022	rVV	219574	245134	4.35%	0.425%
54	13.691	1022	1024	1025	rVV	80087	99420	1.76%	0.172%
55	13.714	1025	1026	1029	rVB	1003773	1270211	22.52%	2.204%
56	13.919	1042	1044	1046	rBV	96633	114022	2.02%	0.198%
57	14.125	1060	1062	1064	rBV	55556	74279	1.32%	0.129%
58	14.217	1068	1070	1074	rVV2	160129	274307	4.86%	0.476%
59	14.491	1091	1094	1098	rBV2	110707	236756	4.20%	0.411%
60	14.799	1119	1121	1126	rBV	205694	420103	7.45%	0.729%
61	14.868	1126	1127	1132	rVB	57062	82837	1.47%	0.144%
62	15.074	1142	1145	1148	rBV	739400	1077810	19.11%	1.870%
63	15.120	1148	1149	1153	rVB	57792	81353	1.44%	0.141%
64	15.485	1178	1181	1183	rBV	164229	240148	4.26%	0.417%
65	15.531	1183	1185	1188	rVV	102886	200958	3.56%	0.349%
66	15.588	1188	1190	1192	rVB	53156	86694	1.54%	0.150%
67	15.782	1205	1207	1212	rVB6	27380	58725	1.04%	0.102%
68	16.331	1252	1255	1258	rBV	89246	180768	3.21%	0.314%
69	16.388	1258	1260	1262	rVV	45128	80816	1.43%	0.140%
70	16.480	1265	1268	1270	rVV3	39523	105614	1.87%	0.183%
71	16.548	1270	1274	1279	rVB2	110458	277134	4.91%	0.481%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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

72	16.765	1290	1293	1297	rBV6	28880	87699	1.55%	0.152%
73	17.611	1364	1367	1373	rVB4	27684	80425	1.43%	0.140%
74	18.434	1435	1439	1448	rVB6	92483	285052	5.05%	0.495%
75	20.423	1609	1613	1624	rVB8	24212	128908	2.29%	0.224%

Sum of corrected areas: 57639667

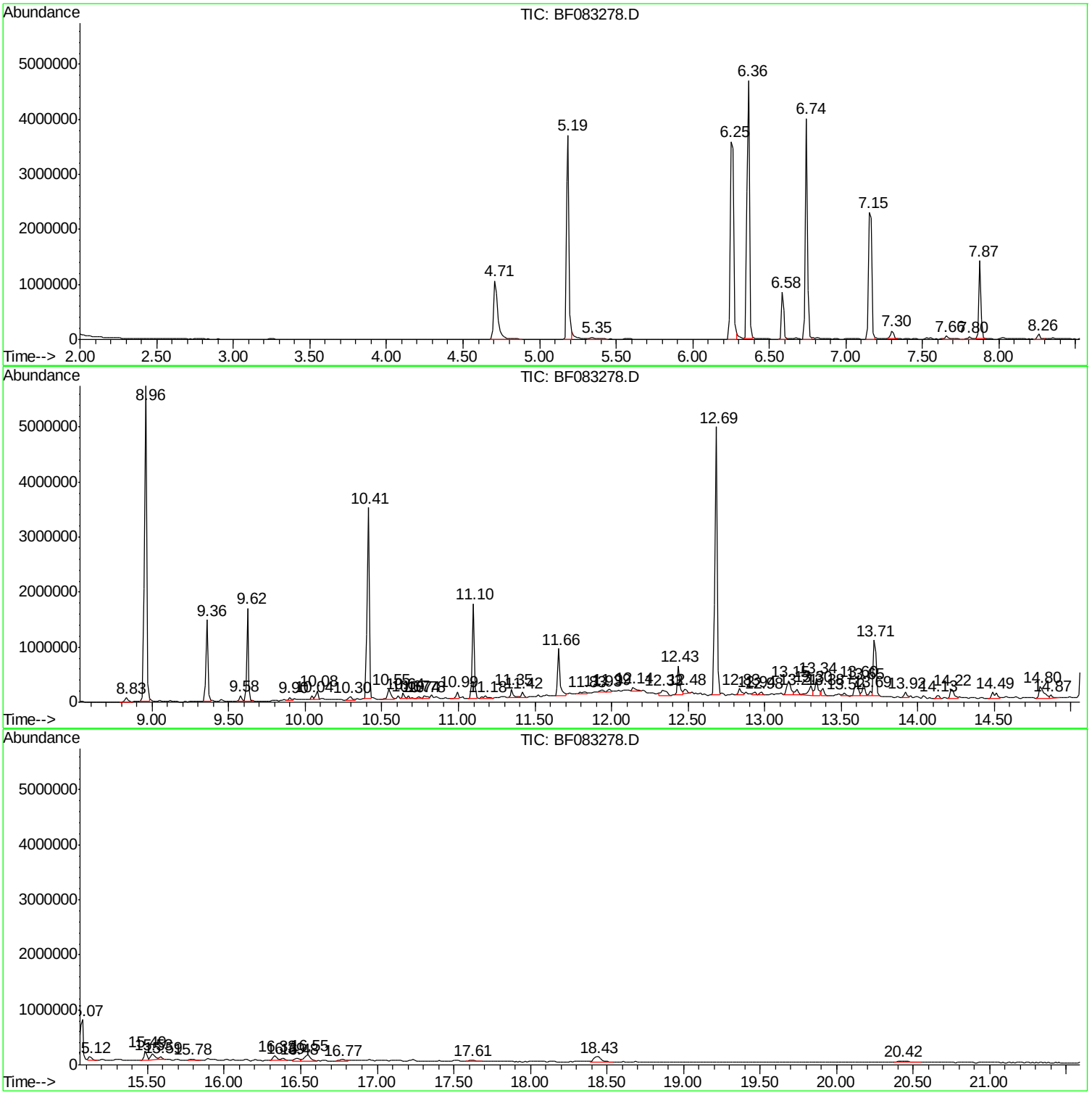
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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 : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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

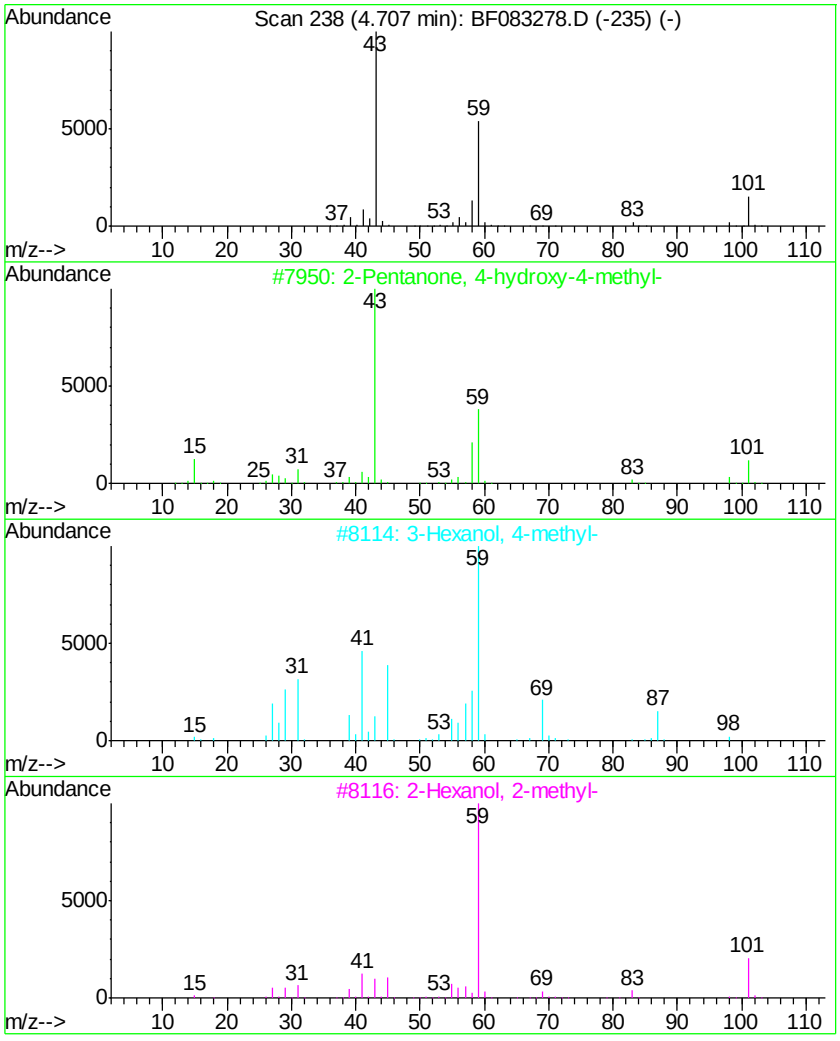
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

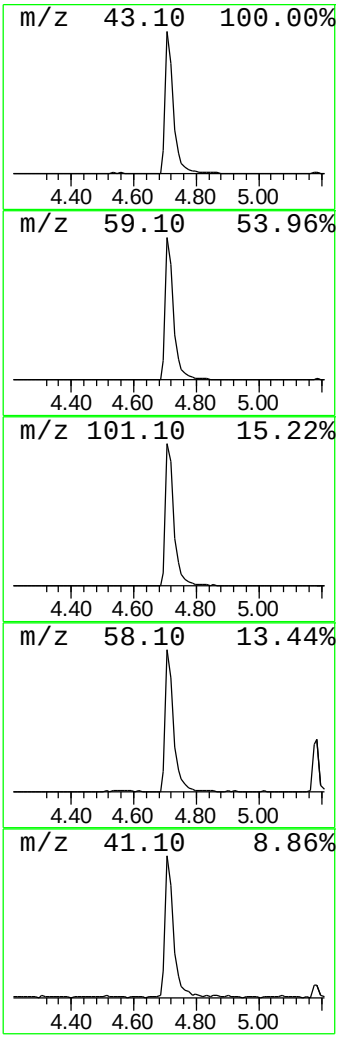
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	38.43 ng	1883820	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	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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

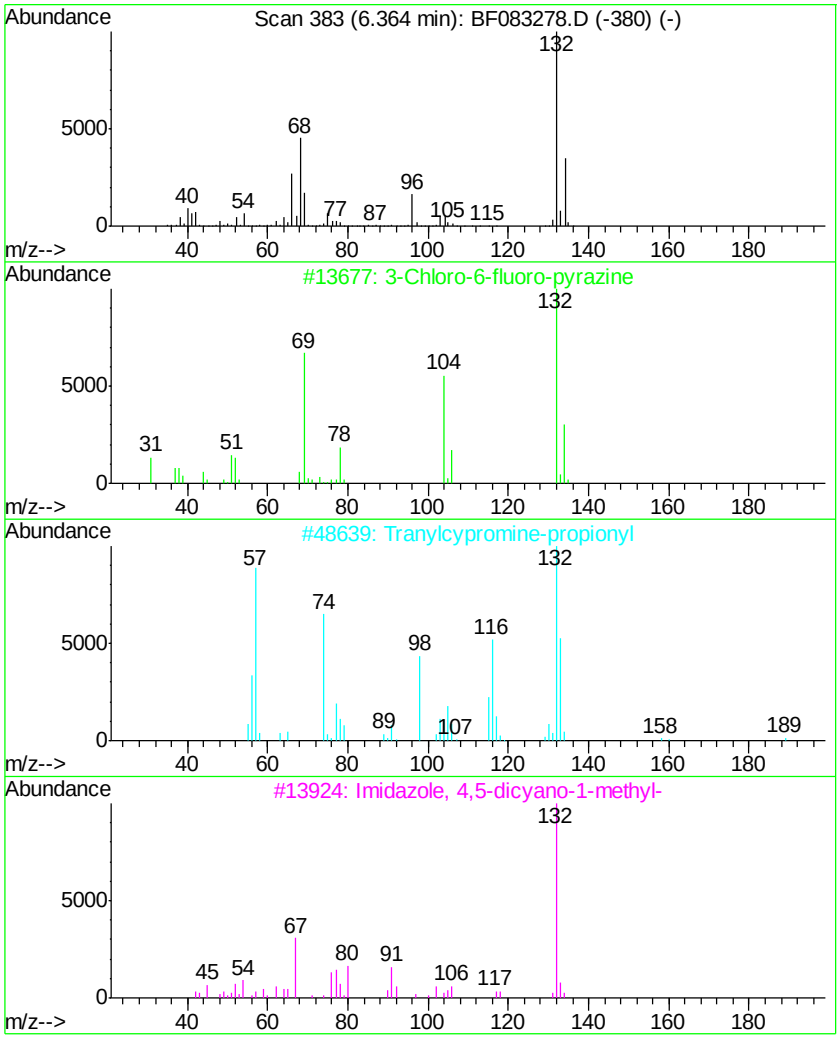
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

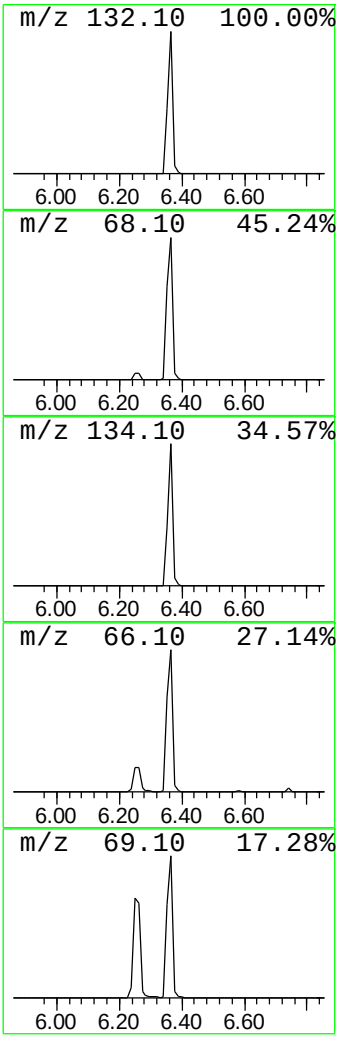
****

Peak Number 2 unknown6.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	106.52 ng	5221370	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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

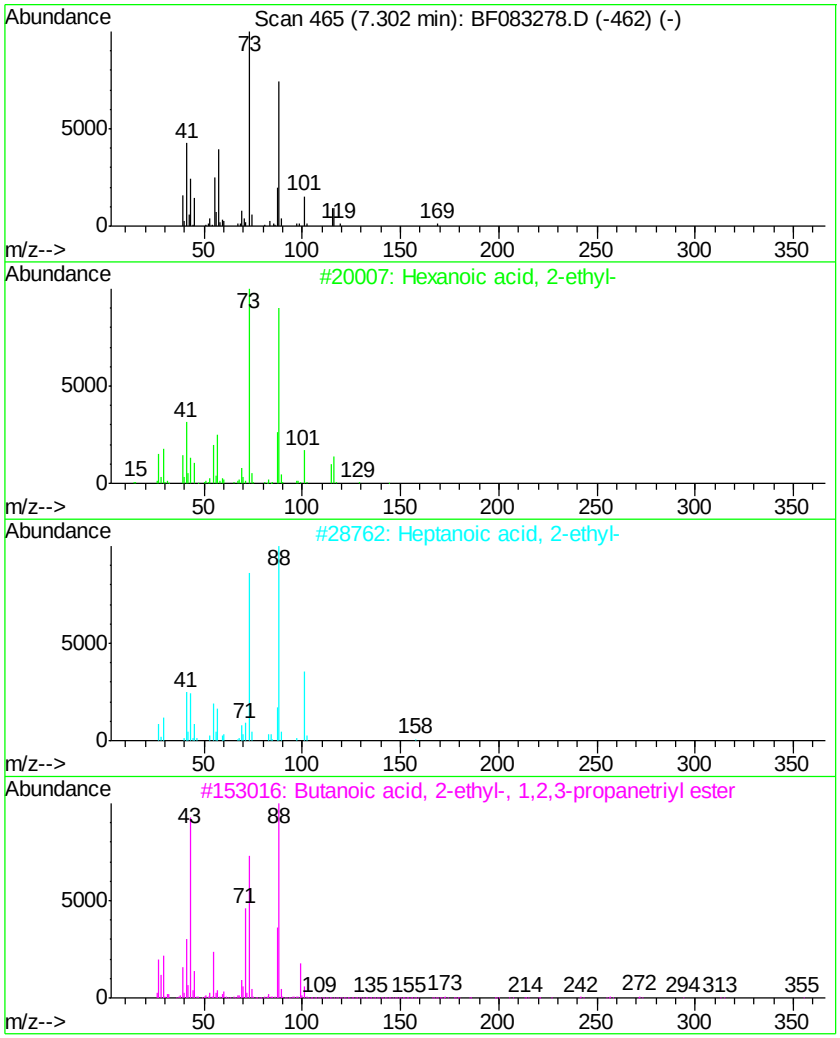
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

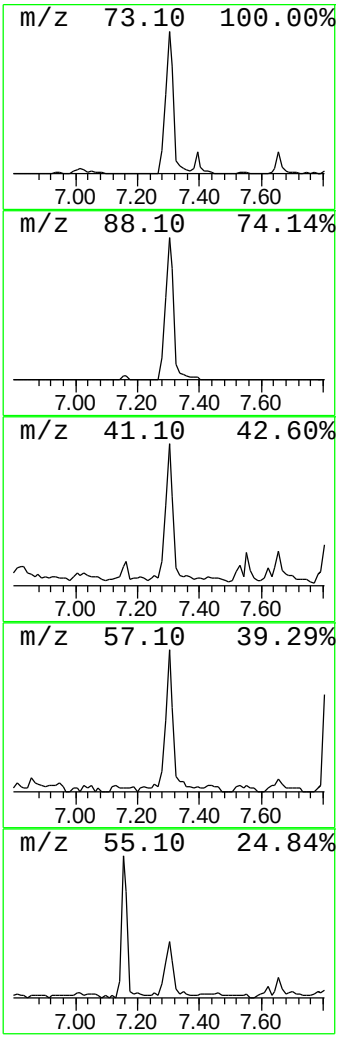
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	4.00 ng	257406	Naphthalene-d8	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
4	1,4-Dioxane	88	C4H8O2	000123-91-1	47
5	Undecanoic acid, 2-methyl-, meth...	214	C13H26O2	055955-69-6	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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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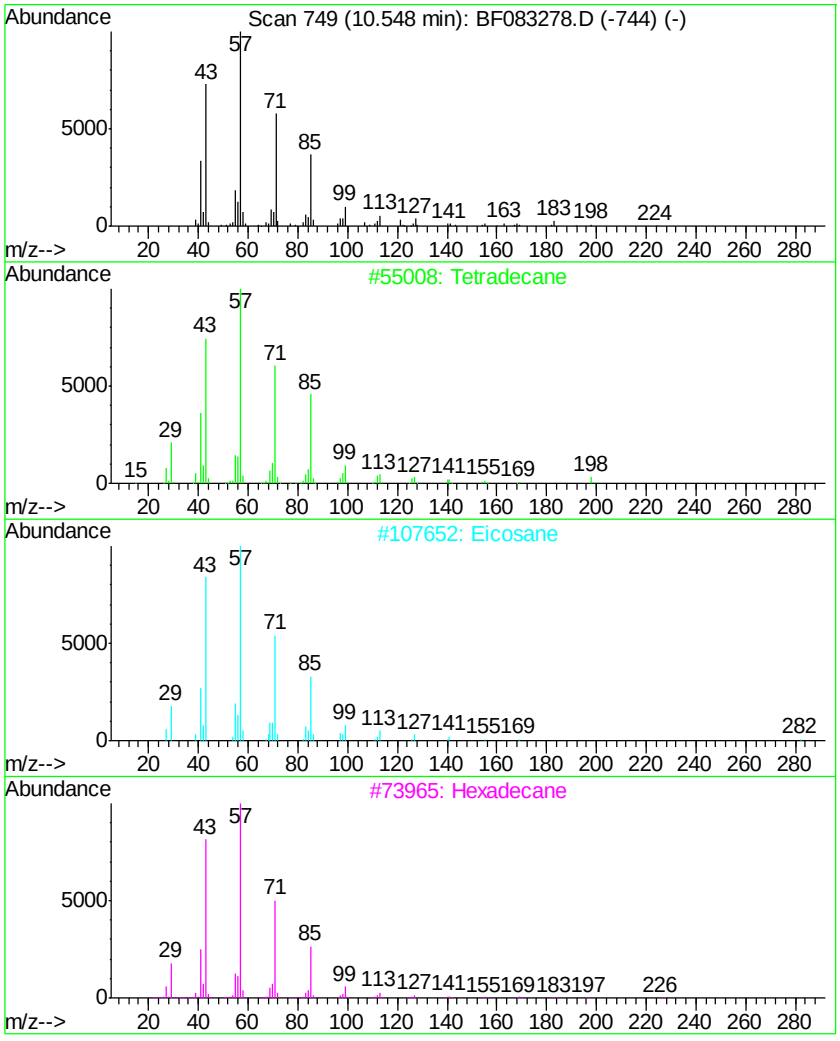
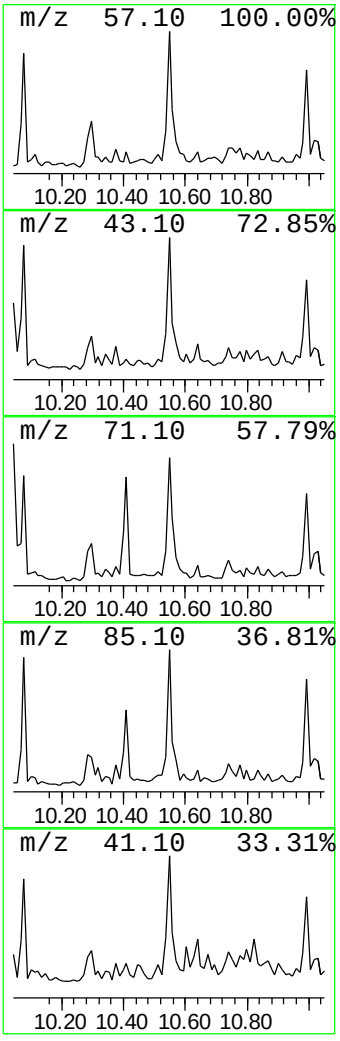
Peak Number 5 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.88 ng	296879	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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

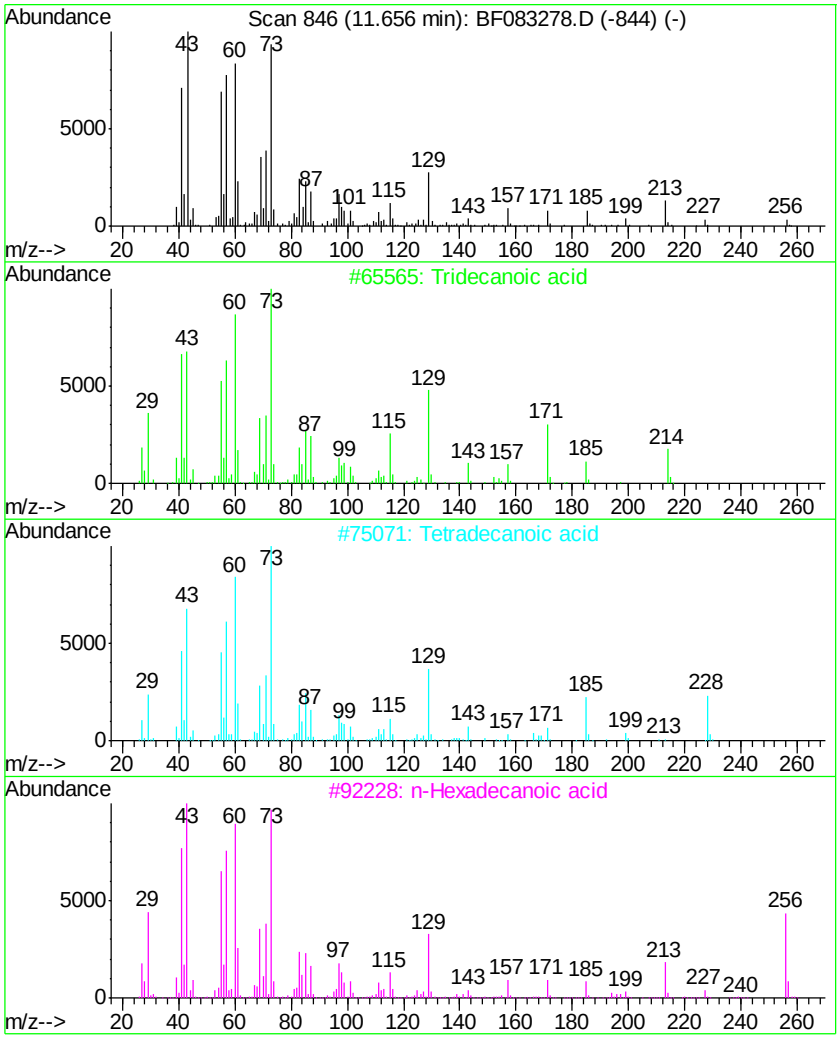
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

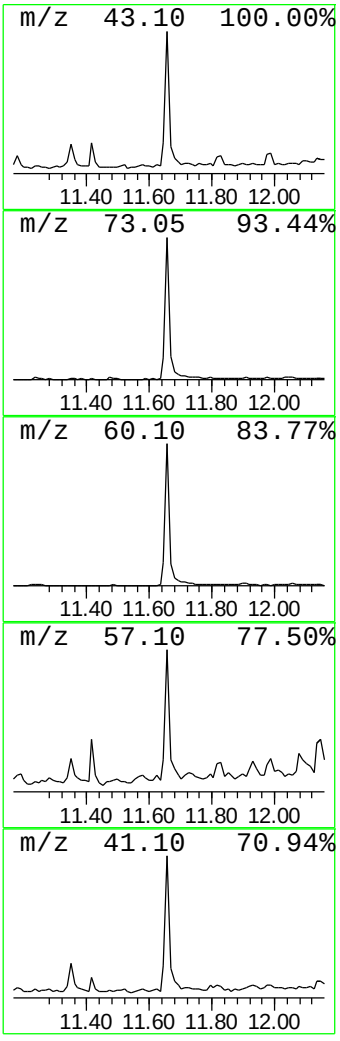
****

Peak Number 6 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	12.16 ng	929682	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecane	156	C11H24	001120-21-4	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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

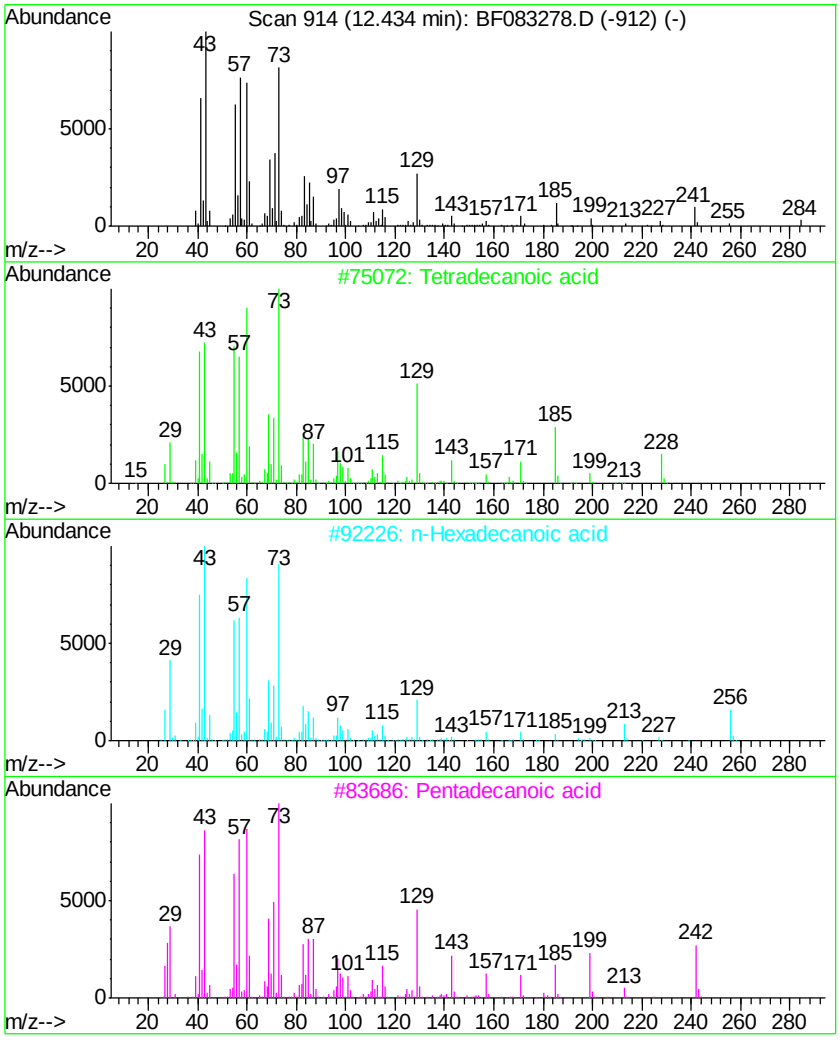
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

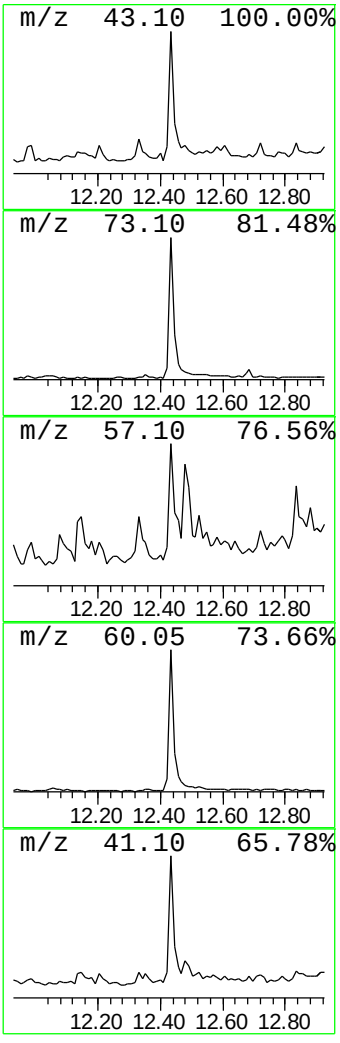
****

Peak Number 7 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	9.45 ng	600404	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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

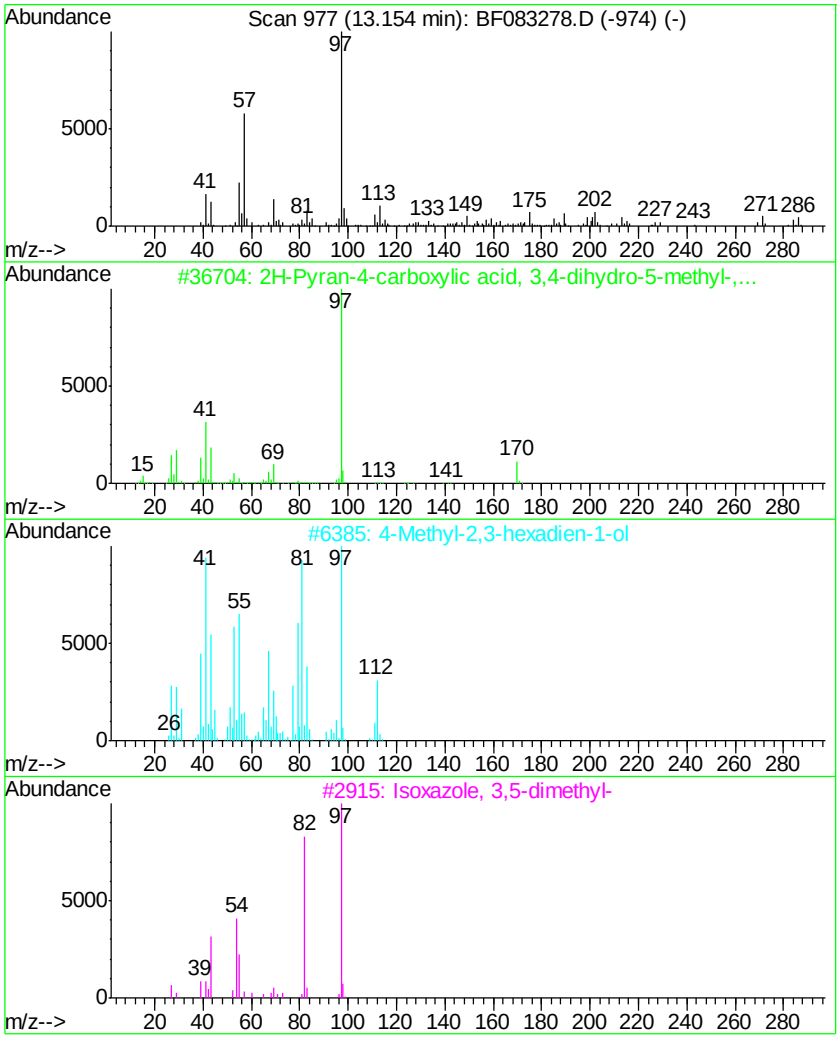
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

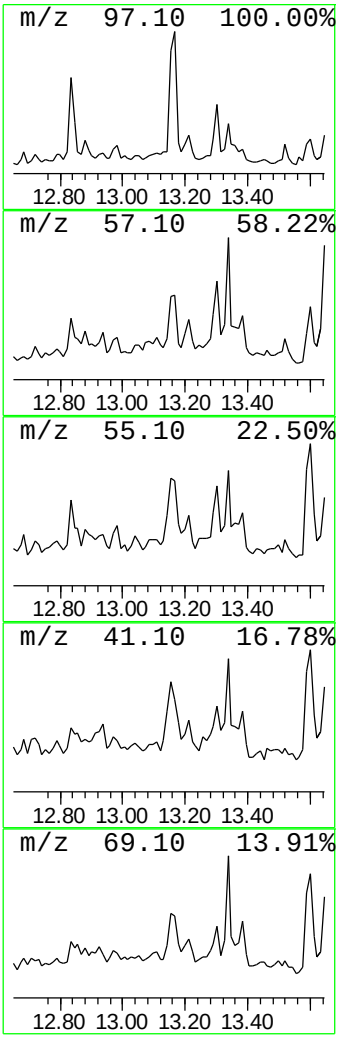
****

Peak Number 8 2H-Pyran-4-carboxylic acid,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	8.39 ng	532803	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-4-carboxylic acid, 3,4-...	170	C9H14O3	038858-64-9	52
2	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	52
3	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	50
4	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	50
5	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	50





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Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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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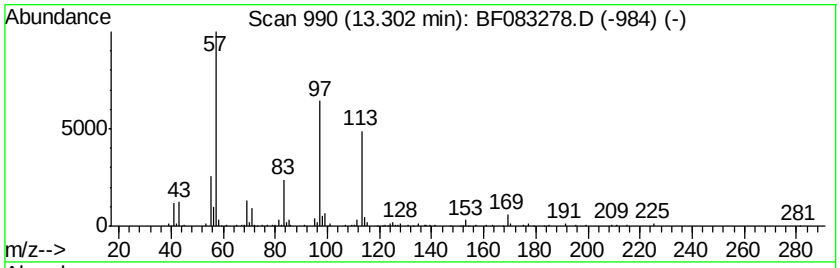
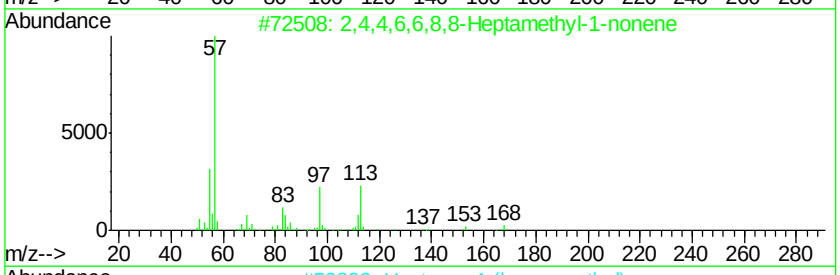
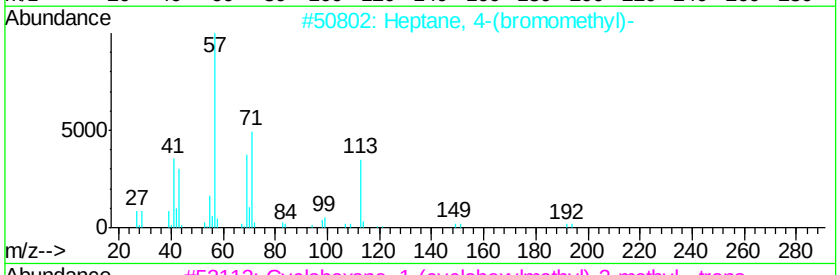
Peak Number 9 unknown13.30 Concentration Rank 12

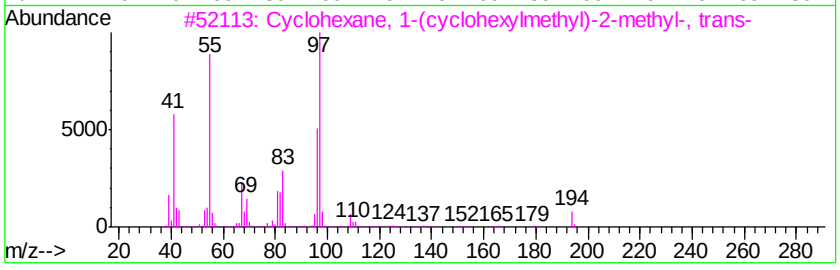
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	5.05 ng	320480	Chrysene-d12	13.71

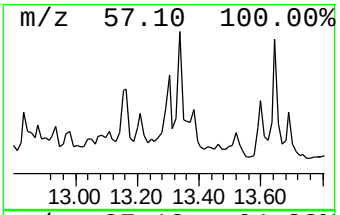
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	32
2	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	32
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-94-8	25
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
5	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	14

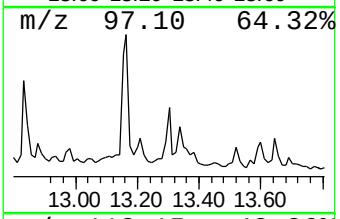


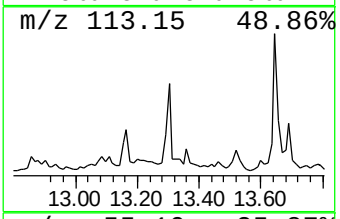


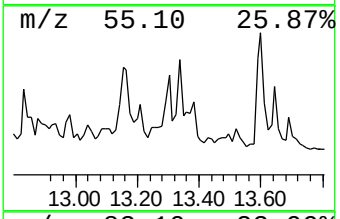


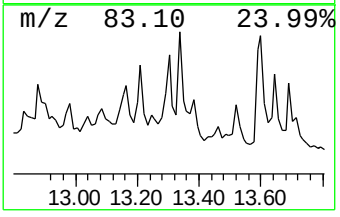












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Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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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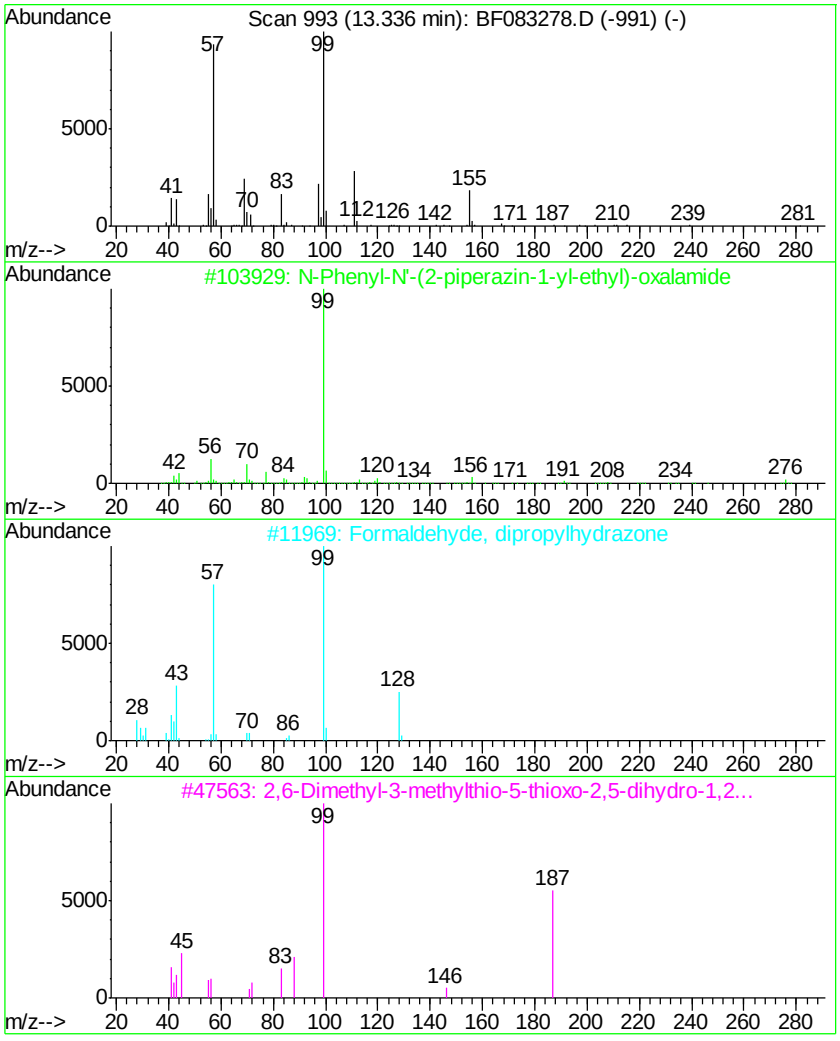
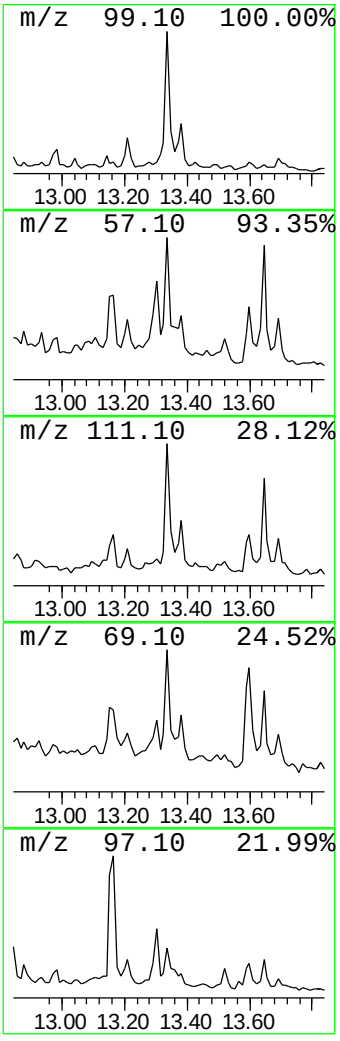
Peak Number 10 unknown13.34 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	6.42 ng	407868	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Phenyl-N'-(2-piperazin-1-yl-et...	276	C14H20N4O2	332404-00-9	37
2	Formaldehyde, dipropylhydrazone	128	C7H16N2	054253-56-4	37
3	2,6-Dimethyl-3-methylthio-5-thio...	187	C6H9N3S2	062764-57-2	37
4	2-Propylthiazole	127	C6H9NS	017626-75-4	35
5	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	33





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Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId : P001-BF002-01

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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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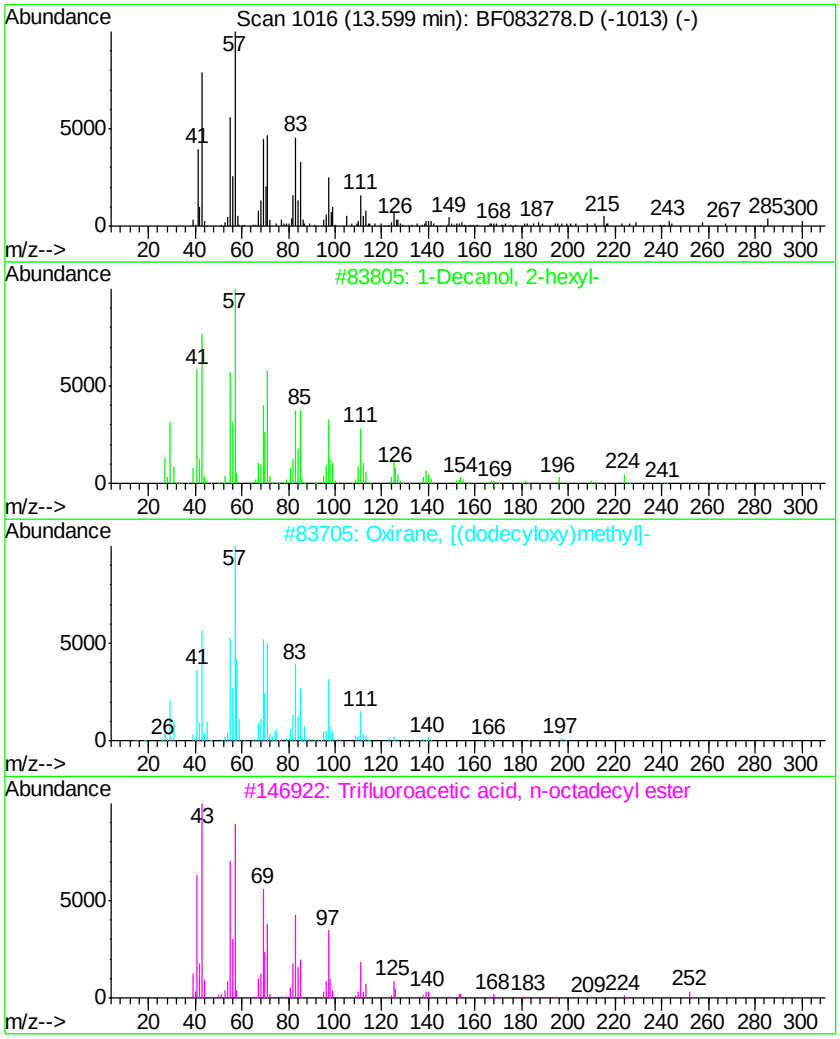
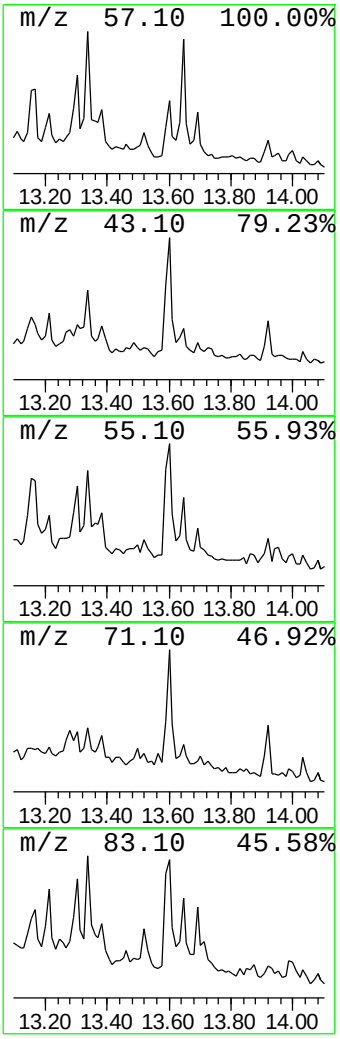
Peak Number 11 1-Decanol, 2-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	6.69 ng	425081	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	83
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	76
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	74
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	74





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Sample : G4559-01
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Instrument : BNA_F
ClientSampleId : P001-BF002-01

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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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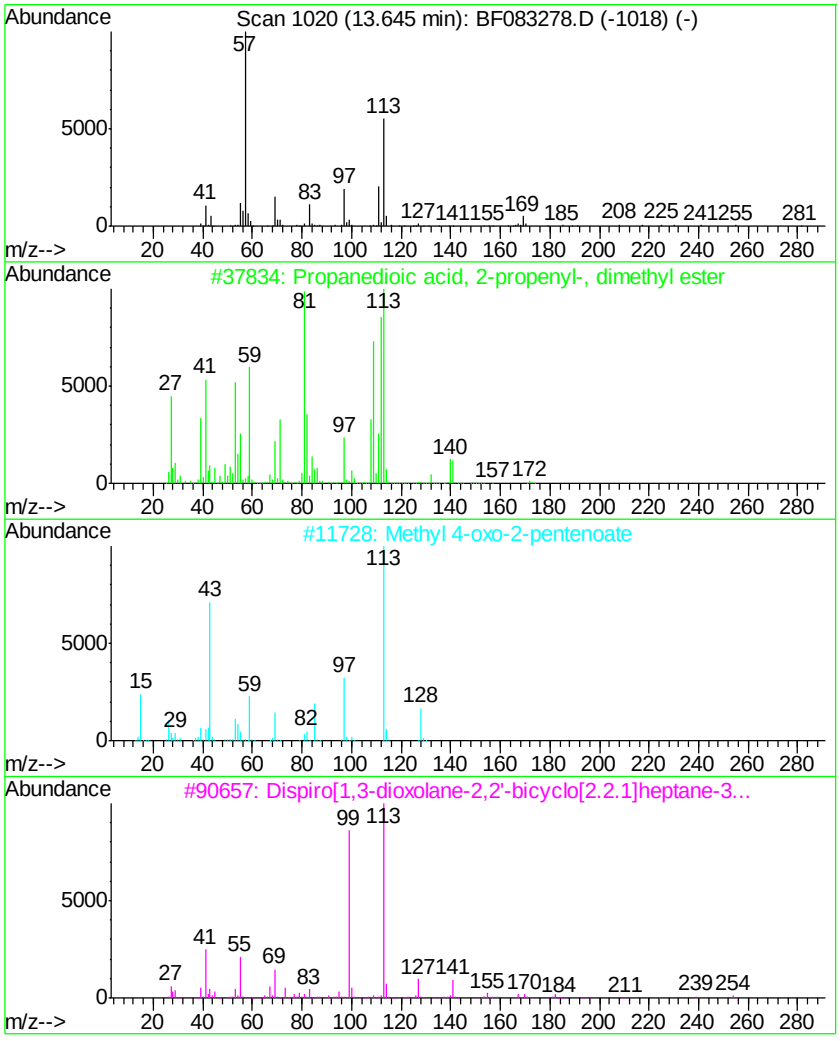
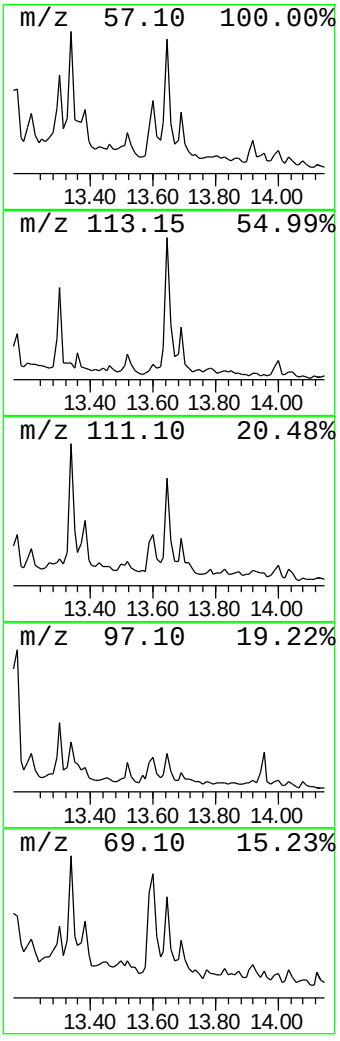
Peak Number 12 unknown13.65 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.86 ng	245134	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	35
2	Methyl 4-oxo-2-pentenoate	128	C6H8O3	004188-88-9	25
3	Dispiro[1,3-dioxolane-2,2'-bicyc...	254	C14H22O4	024022-14-8	17
4	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	17
5	5-Oxohexanethioic acid, S-t-buty...	202	C10H18O2S	1000194-60-8	17





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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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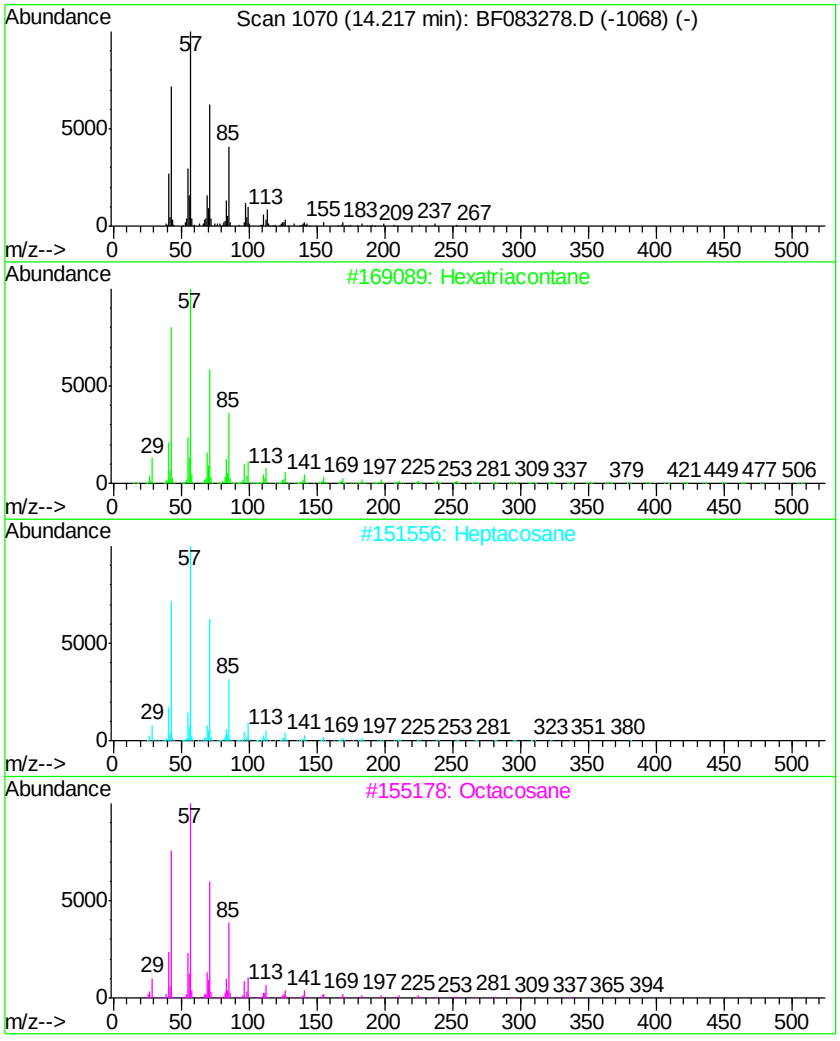
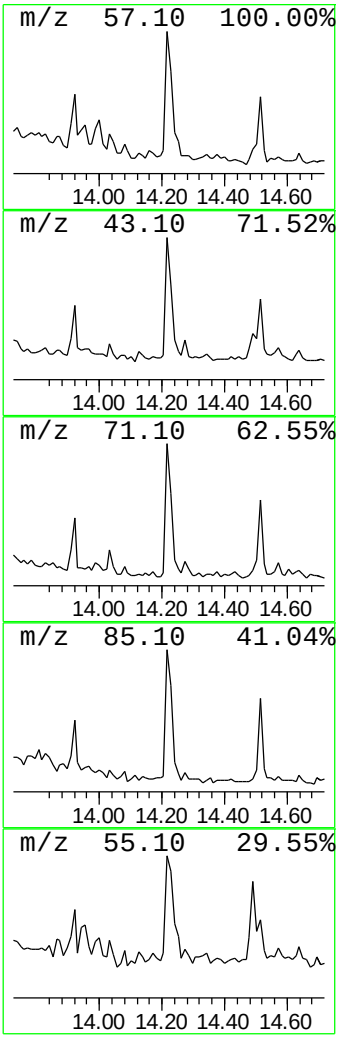
Peak Number 13 Hexatriacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	4.32 ng	274307	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Pentacosane	352	C25H52	000629-99-2	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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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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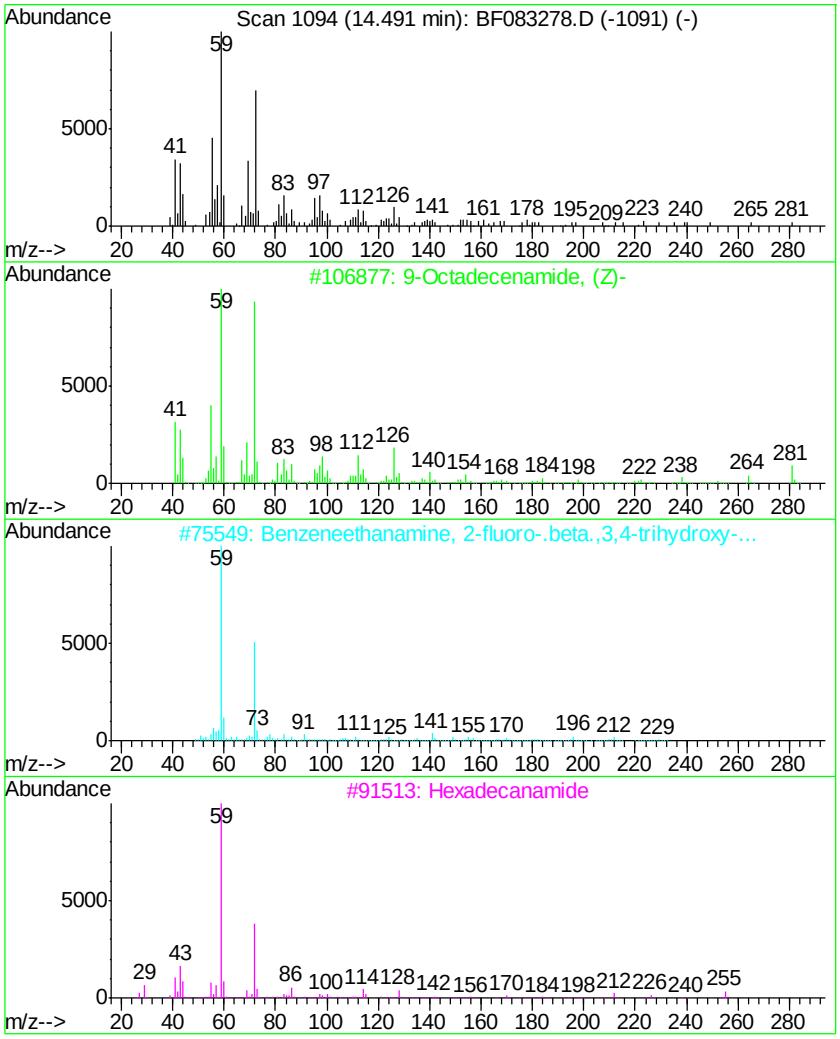
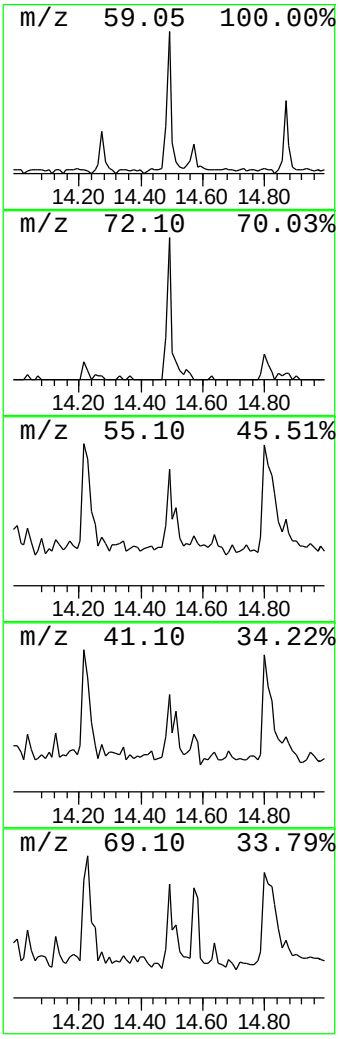
Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.39 ng	236756	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
3	Hexadecanamide	255	C16H33NO	000629-54-9	50
4	Tetradecanamide	227	C14H29NO	000638-58-4	50
5	Octanamide	143	C8H17NO	000629-01-6	50





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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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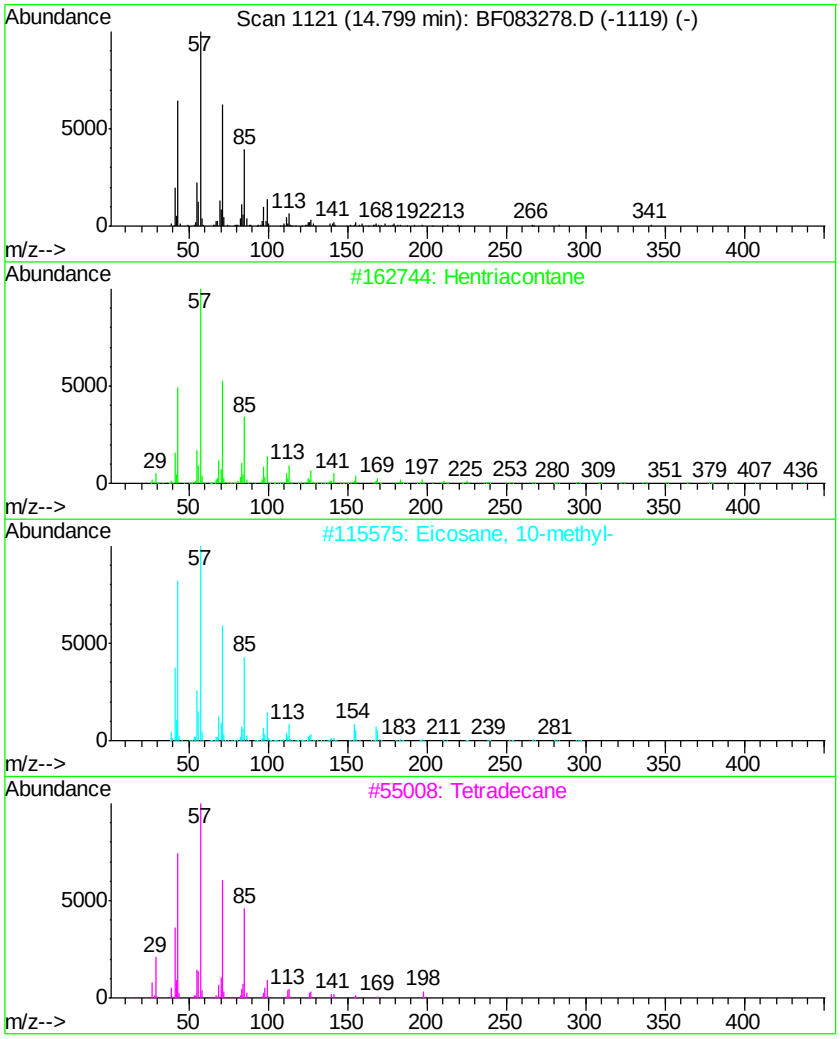
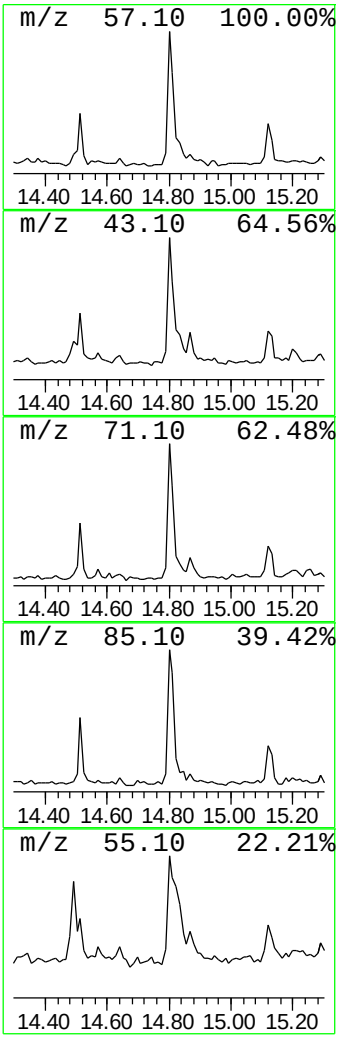
Peak Number 15 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.80 ng	420103	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	86
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Tetradecane	198	C14H30	000629-59-4	72
4	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	72
5	Pentadecane	212	C15H32	000629-62-9	52





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ClientSampleId : P001-BF002-01

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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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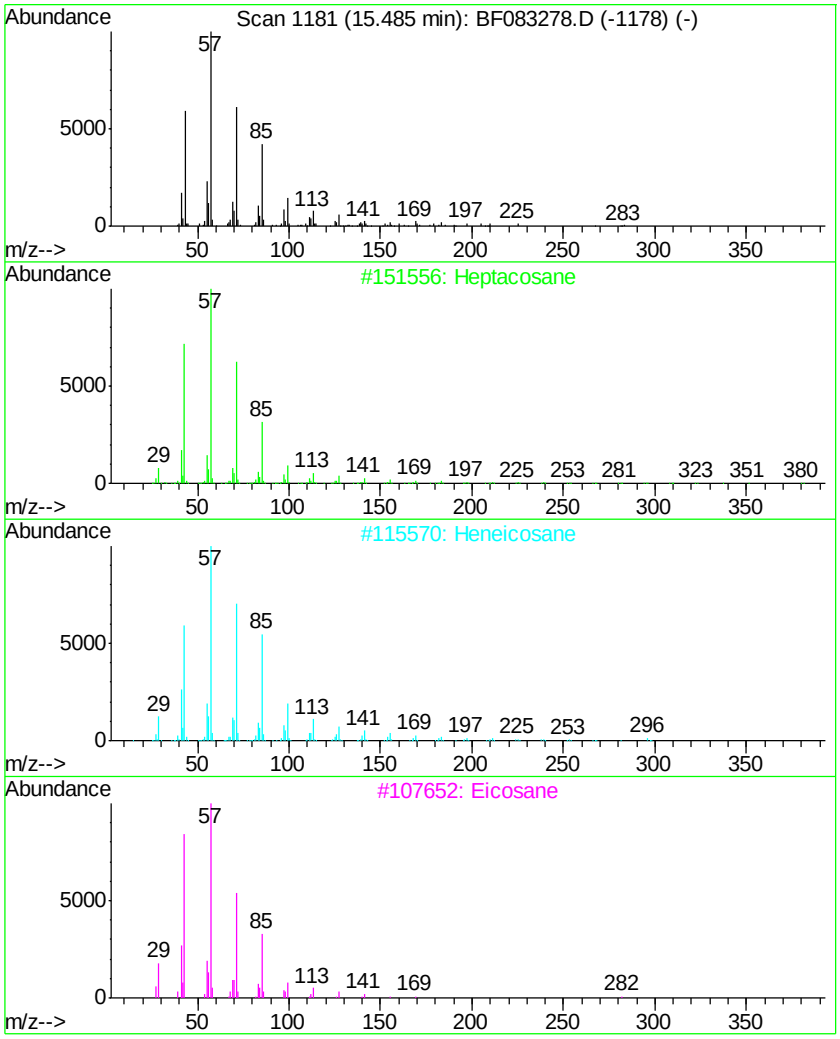
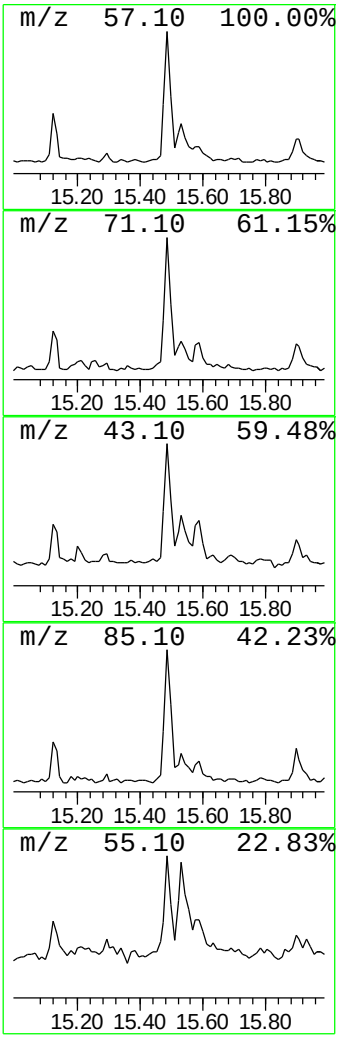
Peak Number 16 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	4.46 ng	240148	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





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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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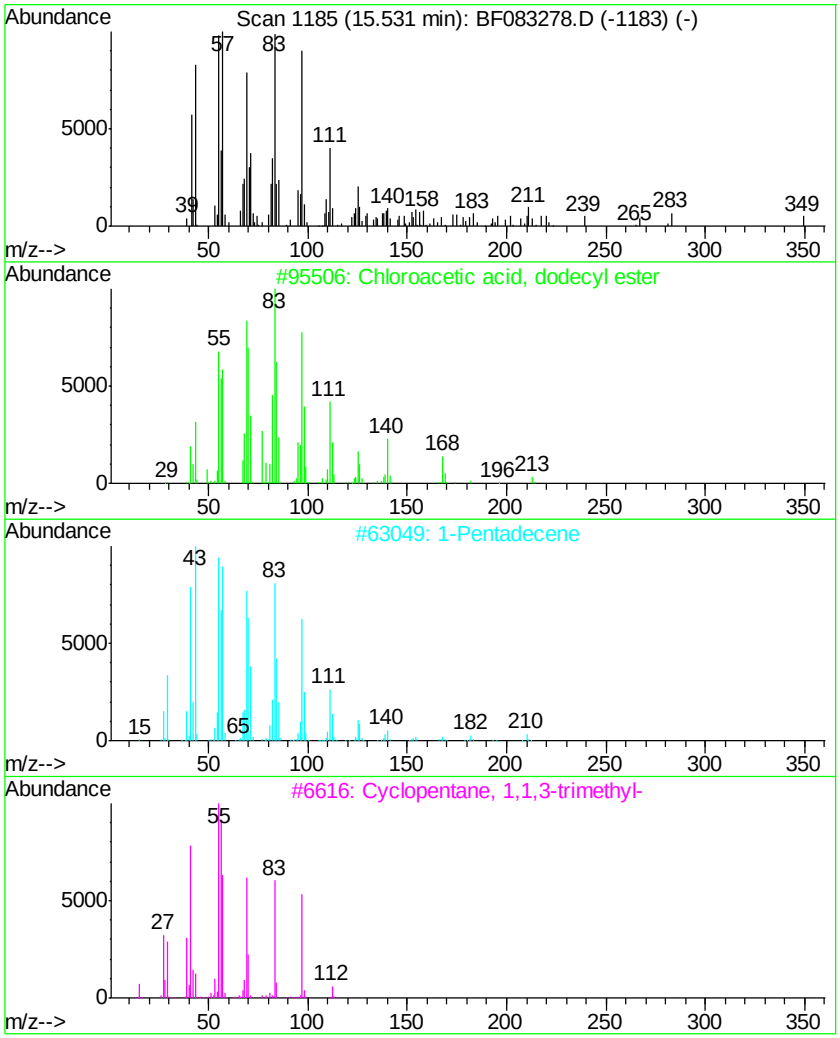
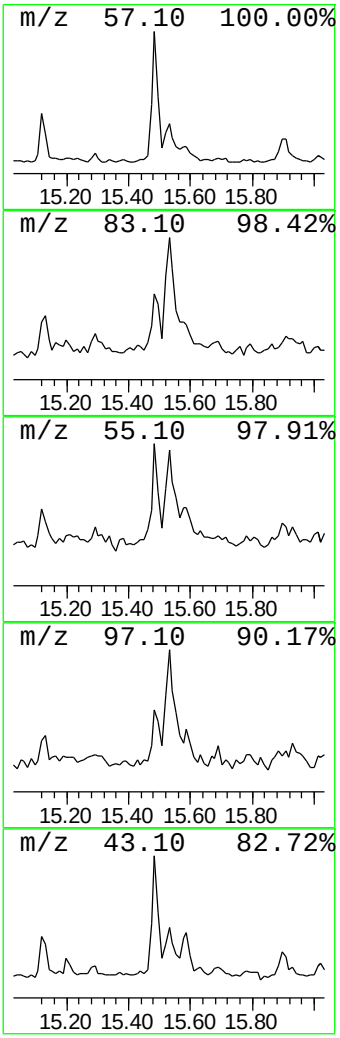
Peak Number 17 Chloroacetic acid, dodecyl ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	3.73 ng	200958	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	72
2	1-Pentadecene	210	C15H30	013360-61-7	68
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	58
4	4,4-Dimethylpent-2-enal	112	C7H12O	1000195-01-6	53
5	1-Hexadecanol	242	C16H34O	036653-82-4	49





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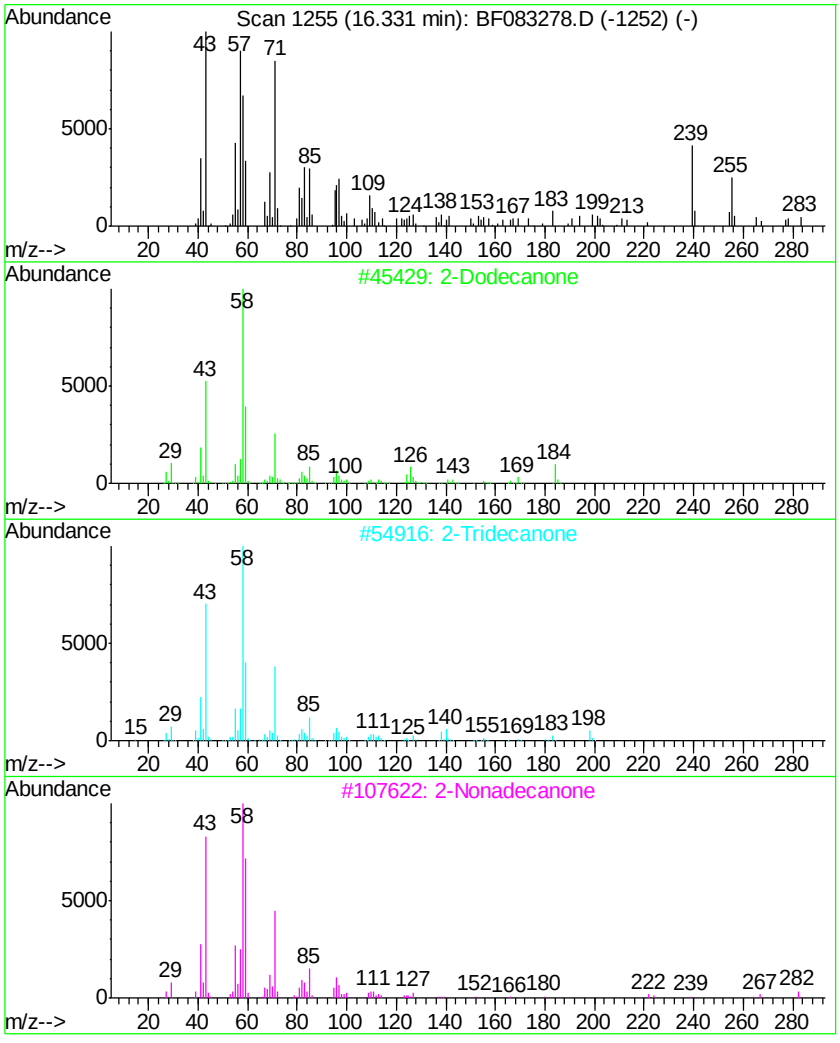
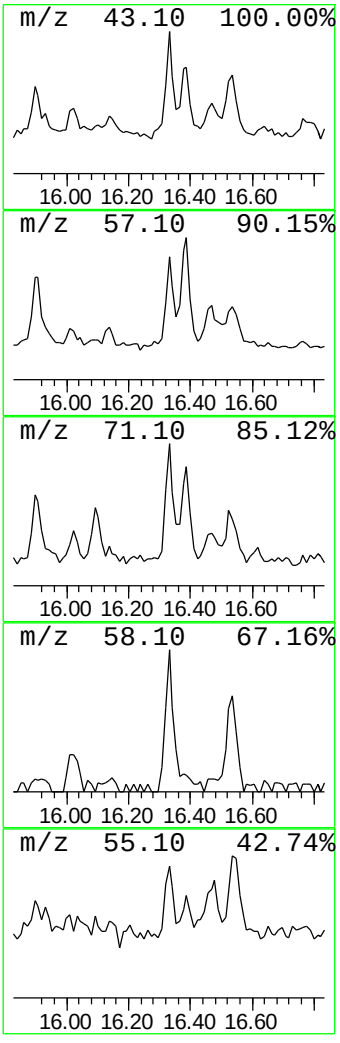
Peak Number 18 unknown16.33 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.35 ng	180768	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecanone	184	C12H24O	006175-49-1	43
2	2-Tridecanone	198	C13H26O	000593-08-8	35
3	2-Nonadecanone	282	C19H38O	000629-66-3	35
4	2-Tetradecanone	212	C14H28O	002345-27-9	35
5	2-Pentadecanone	226	C15H30O	002345-28-0	27





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Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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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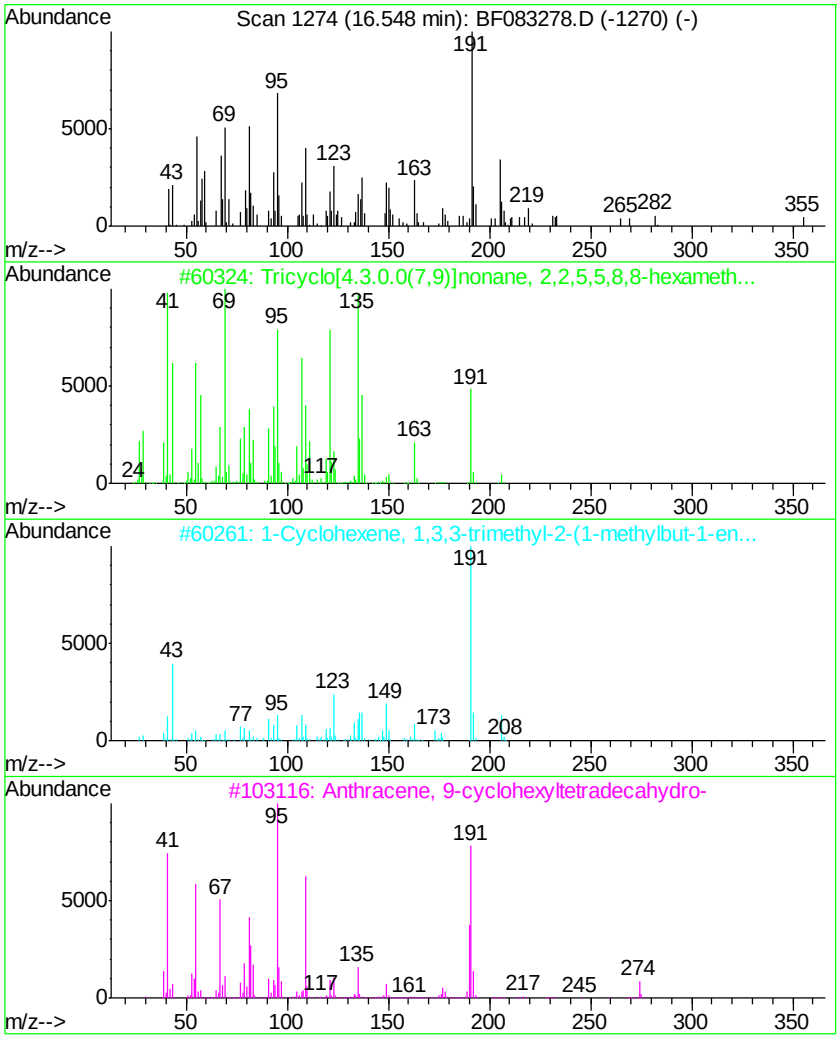
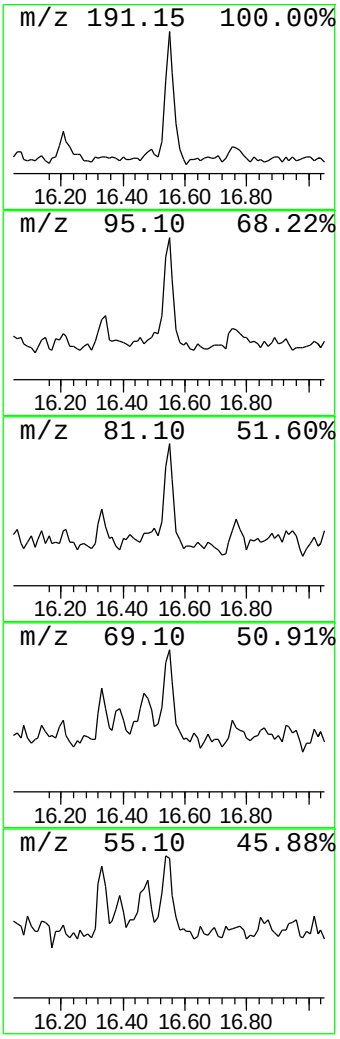
Peak Number 19 unknown16.55 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	5.14 ng	277134	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	47
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	46
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
4	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	30
5	Amiphenazole	191	C9H9N3S	000490-55-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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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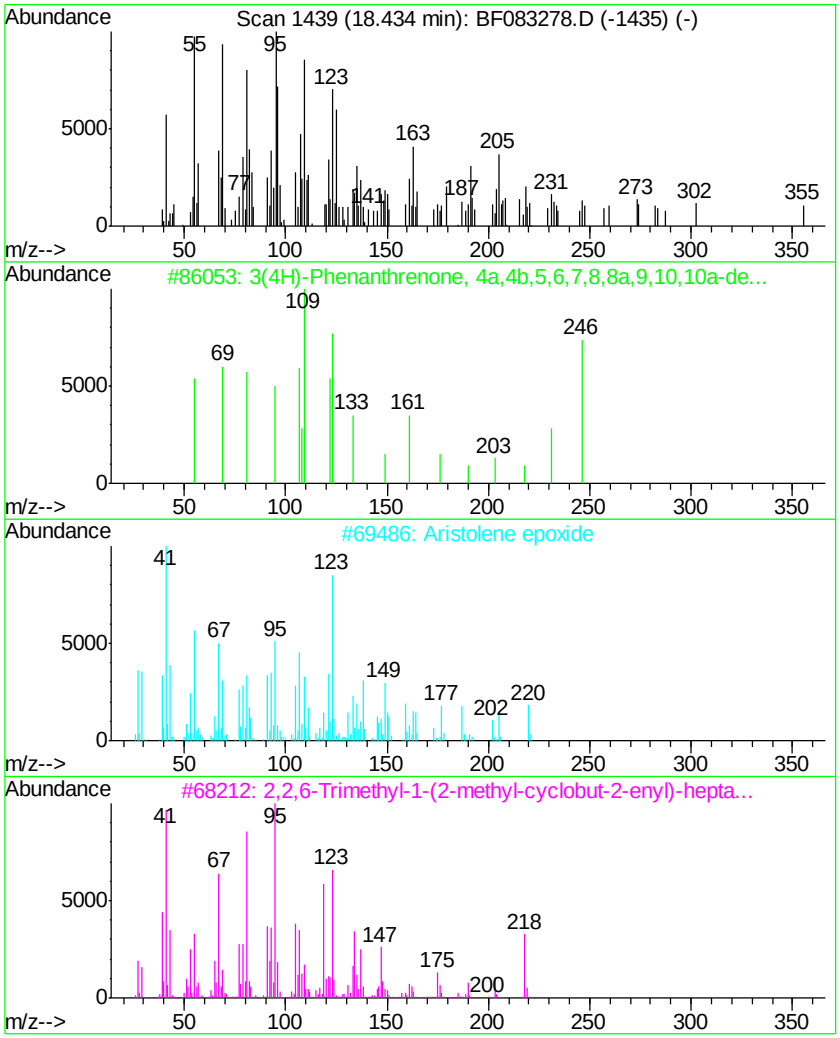
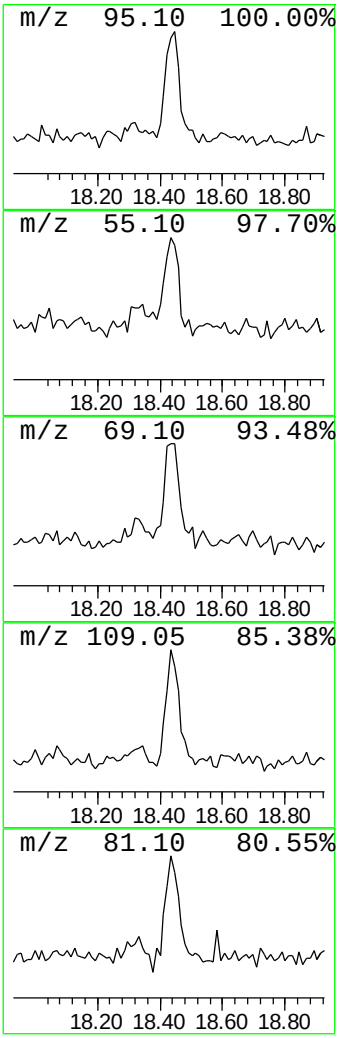
Peak Number 20 3(4H)-Phenanthrenone, 4a,4b... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	5.29 ng	285052	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	58
2	Aristolene epoxide	220	C15H24O	1000151-48-9	55
3	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	46
4	3,5,9-Undecatrien-2-one, 6,10-di...	192	C13H20O	013927-47-4	41
5	Cyclohexane-1-methanol, 3,3-dime...	208	C14H24O	1000196-01-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF002-01

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...	4.71	38.4	ng	1883820	1	6.58	980370	20.0
unknown6.36	6.36	106.5	ng	5221370	1	6.58	980370	20.0
Hexanoic acid, 2-...	7.30	4.0	ng	257406	2	7.87	1286960	20.0
Tetradecane	10.55	3.9	ng	296879	4	11.10	1528800	20.0
Tridecanoic acid	11.66	12.2	ng	929682	4	11.10	1528800	20.0
Tetradecanoic acid	12.43	9.4	ng	600404	5	13.71	1270210	20.0
2H-Pyran-4-carbox...	13.15	8.4	ng	532803	5	13.71	1270210	20.0
unknown13.30	13.30	5.0	ng	320480	5	13.71	1270210	20.0
unknown13.34	13.34	6.4	ng	407868	5	13.71	1270210	20.0
1-Decanol, 2-hexyl-	13.60	6.7	ng	425081	5	13.71	1270210	20.0
unknown13.65	13.65	3.9	ng	245134	5	13.71	1270210	20.0
Hexatriacontane	14.22	4.3	ng	274307	5	13.71	1270210	20.0
9-Octadecenamide,...	14.49	4.4	ng	236756	6	15.07	1077810	20.0
Hentriacontane	14.80	7.8	ng	420103	6	15.07	1077810	20.0
Heptacosane	15.49	4.5	ng	240148	6	15.07	1077810	20.0
Chloroacetic acid...	15.53	3.7	ng	200958	6	15.07	1077810	20.0
unknown16.33	16.33	3.4	ng	180768	6	15.07	1077810	20.0
unknown16.55	16.55	5.1	ng	277134	6	15.07	1077810	20.0
3(4H)-Phenanthren...	18.43	5.3	ng	285052	6	15.07	1077810	20.0