LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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	4.719	236	239	251	rBV	1023207	1890676	34.29%	3.326%
2	5.187	277	280	282	rBV	4042900	4917627	89.20%	8.650%
3	5.347	291	294	301	rVB	33780	72479	1.31%	0.127%
4	6.250	371	373	376	rBV	3699210	5366931	97.35%	9.440%
5	6.364	380	383	385	rBV	4561758	5133144	93.11%	9.029%
6	6.582	400	402	405	rBV	946272	1015662	18.42%	1.787%
7	6.742	414	416	419	rBV	4009343	3650373	66.21%	6.421%
8	7.153	450	452	455	rBV	2436077	3179121	57.66%	5.592%
9	7.302	462	465	472	rVB	145690	239388	4.34%	0.421%
10	7.656	494	496	499	rBV	47881	66276	1.20%	0.117%
11	7.805	505	509	513	rBV2	49065	81982	1.49%	0.144%
12	7.873	513	515	518	rBV	1491417	1332142	24.16%	2.343%
13	8.262	546	549	552	rBV	76859	107435	1.95%	0.189%
14	8.833	596	599	602	rBV	64692	92411	1.68%	0.163%
15	8.959	607	610	612	rBV	5726411	5513272	100.00%	9.698%
16	9.119	619	624	630	rVB2	29189	80105	1.45%	0.141%
17	9.359	643	645	647	rBV	1567058	1361946	24.70%	2.396%
18	9.576	662	664	666	rBV	107821	108344	1.97%	0.191%
19	9.622	666	668	671	rVV	1644431	1487589	26.98%	2.617%
20	9.793	681	683	686	rBV3	28658	67804	1.23%	0.119%
21	9.896	690	692	694	rBV2	44742	57513	1.04%	0.101%
22	10.079	706	708	709	rVB	131123	130672	2.37%	0.230%
23	10.296	724	727	728	rBV	51635	76676	1.39%	0.135%
24	10.411	734	737	739	rBV	3230303	3251813	58.98%	5.720%
25	10.548	747	749	752	rVB3	158407	230316	4.18%	0.405%
26	10.639	755	757	759	rVV2	85059	91724	1.66%	0.161%
27	10.673	759	760	764	rVB2	55057	64758	1.17%	0.114%
28	10.742	764	766	768	rBV2	38083	68481	1.24%	0.120%
29	10.776	768	769	772	rBV3	38591	65693	1.19%	0.116%
30	10.994	784	788	789	rBV	116505	140096	2.54%	0.246%
31	11.096	794	797	799	rVV	1593824	1441248	26.14%	2.535%
32	11.176	801	804	806	rBV3	54848	88444	1.60%	0.156%
33	11.348	816	819	823	rBV	258370	295759	5.36%	0.520%
34	11.416	823	825	828	rVB	88441	91278	1.66%	0.161%

LSC Area Percent Report

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Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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	11.656	844	846	850	rBV2	506535	619667	11.24%	1.090%
36	11.931	868	870	873	rBV	34675	72524	1.32%	0.128%
37	11.988	873	875	878	rBV2	42394	63532	1.15%	0.112%
38	12.045	878	880	882	rBV	59160	66203	1.20%	0.116%
39	12.136	887	888	889	rBV	54787	62818	1.14%	0.110%
40	12.331	903	905	910	rVB4	88956	213129	3.87%	0.375%
41	12.434	912	914	916	rBV	253198	275210	4.99%	0.484%
42	12.479	916	918	921	rVB2	98648	140325	2.55%	0.247%
43	12.685	933	936	938	rBV	4167296	4329030	78.52%	7.615%
44	12.834	947	949	952	rBV	101279	149844	2.72%	0.264%
45	12.937	955	958	959	rVV	75359	103240	1.87%	0.182%
46	12.971	959	961	963	rVB2	41083	60471	1.10%	0.106%
47	13.154	974	977	980	rBV2	265915	539867	9.79%	0.950%
48	13.211	980	982	984	rVV	91032	120028	2.18%	0.211%
49	13.302	988	990	991	rVV	114013	175077	3.18%	0.308%
50	13.337	991	993	994	rVV	224911	251892	4.57%	0.443%
51	13.371	994	996	1002	rVB2	92122	202641	3.68%	0.356%
52	13.474	1004	1005	1007	rVV	68535	92161	1.67%	0.162%
53	13.519	1007	1009	1013	rVB3	41502	63206	1.15%	0.111%
54	13.599	1013	1016	1018	rBV2	294493	450432	8.17%	0.792%
55	13.645	1018	1020	1022	rVV	185313	192094	3.48%	0.338%
56	13.714	1024	1026	1029	rVB	1033326	1086017	19.70%	1.910%
57	13.920	1042	1044	1046	rBV2	148723	193067	3.50%	0.340%
58	14.125	1060	1062	1064	rBV2	117130	140036	2.54%	0.246%
59	14.217	1068	1070	1076	rVB3	243376	408469	7.41%	0.718%
60	14.514	1092	1096	1098	rBV2	98523	145829	2.65%	0.257%
61	14.800	1119	1121	1126	rBV2	303816	567343	10.29%	0.998%
62	14.868	1126	1127	1132	rVB	68742	83893	1.52%	0.148%
63	15.063	1142	1144	1147	rBV	710227	1006859	18.26%	1.771%
64	15.120	1147	1149	1153	rVB	78385	122955	2.23%	0.216%
65	15.485	1178	1181	1183	rBV	217553	312095	5.66%	0.549%
66	15.531	1183	1185	1188	rVV	146291	287620	5.22%	0.506%
67	15.577	1188	1189	1193	rVB	64107	109509	1.99%	0.193%
68	15.783	1205	1207	1212	rVB6	30576	61198	1.11%	0.108%
69	16.205	1241	1244	1249	rVB6	24156	59379	1.08%	0.104%
70	16.331	1252	1255	1257	rVV	139766	258207	4.68%	0.454%
71	16.377	1257	1259	1263	rVV	62661	145003	2.63%	0.255%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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	16.457	1263	1266	1270	rVV4	69508	215877	3.92%	0.380%
73	16.548	1270	1274	1279	rVB2	154018	385740	7.00%	0.679%
74	17.234	1331	1334	1338	rVB2	42331	98977	1.80%	0.174%
75	17.497	1355	1357	1363	rVV7	26613	75577	1.37%	0.133%
76	17.600	1364	1366	1373	rVB6	34423	100183	1.82%	0.176%
77	18.331	1424	1430	1434	rBV6	28545	107084	1.94%	0.188%
78	18.434	1434	1439	1447	rVB5	164006	526050	9.54%	0.925%
79	20.423	1608	1613	1627	rVB9	45236	251480	4.56%	0.442%

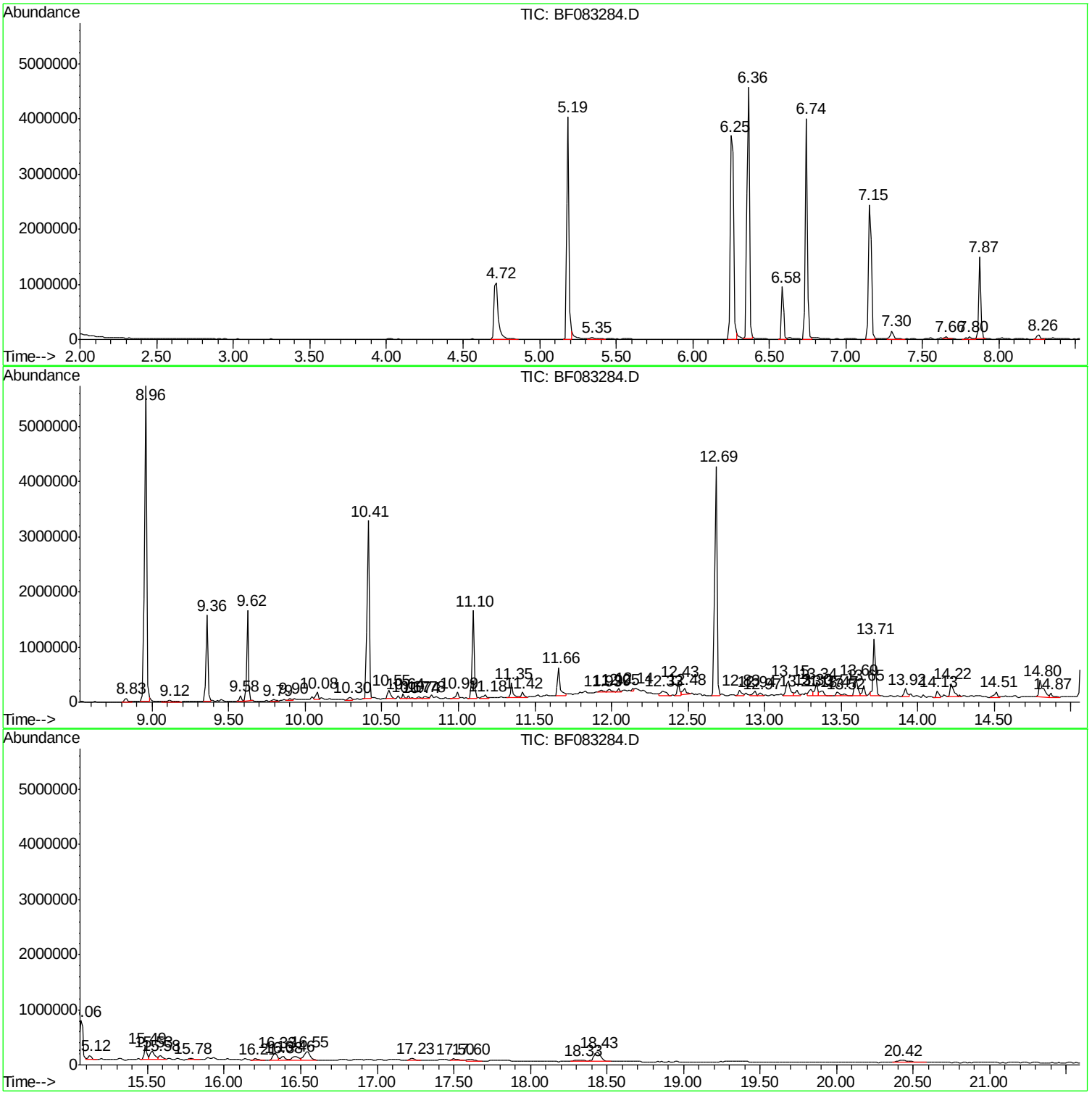
Sum of corrected areas: 56851016

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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 : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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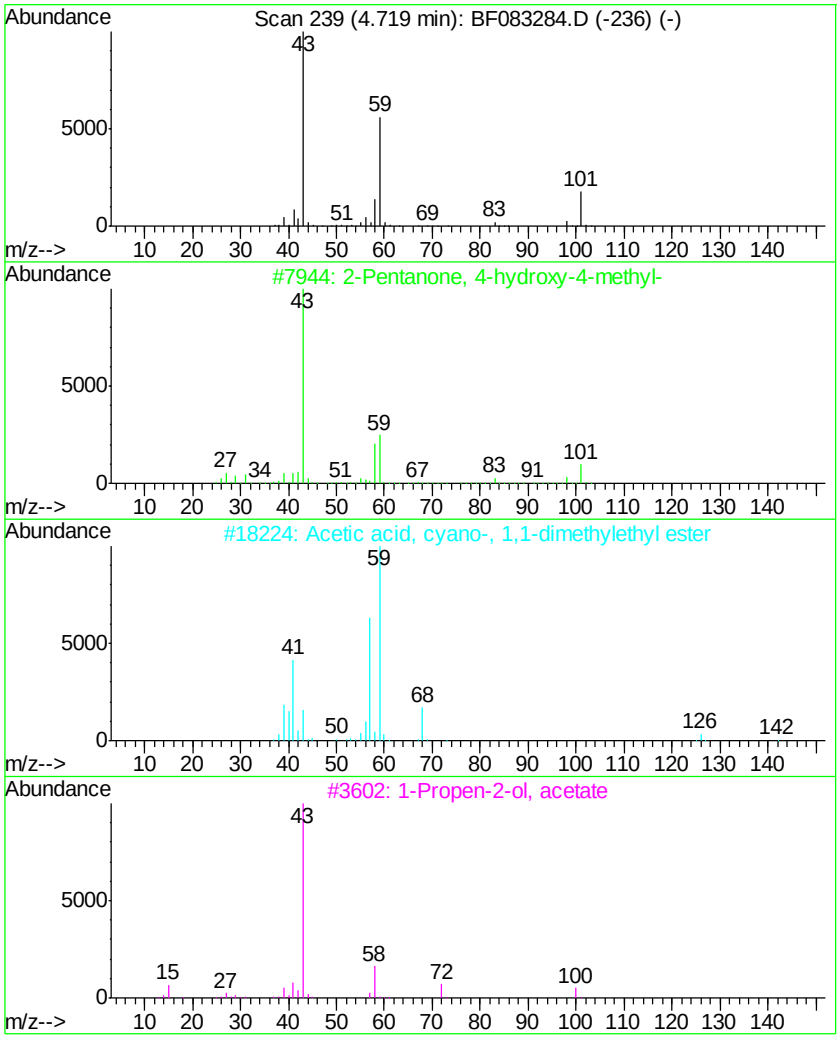
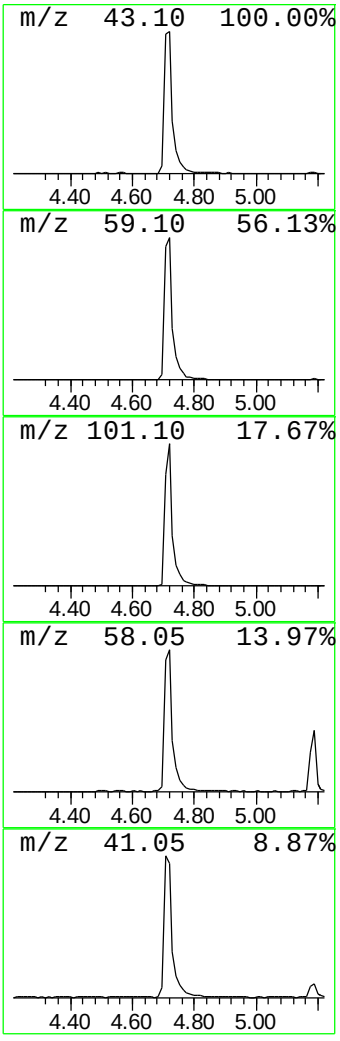
Peak Number 1 unknown4.72 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	37.23 ng	1890680	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	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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

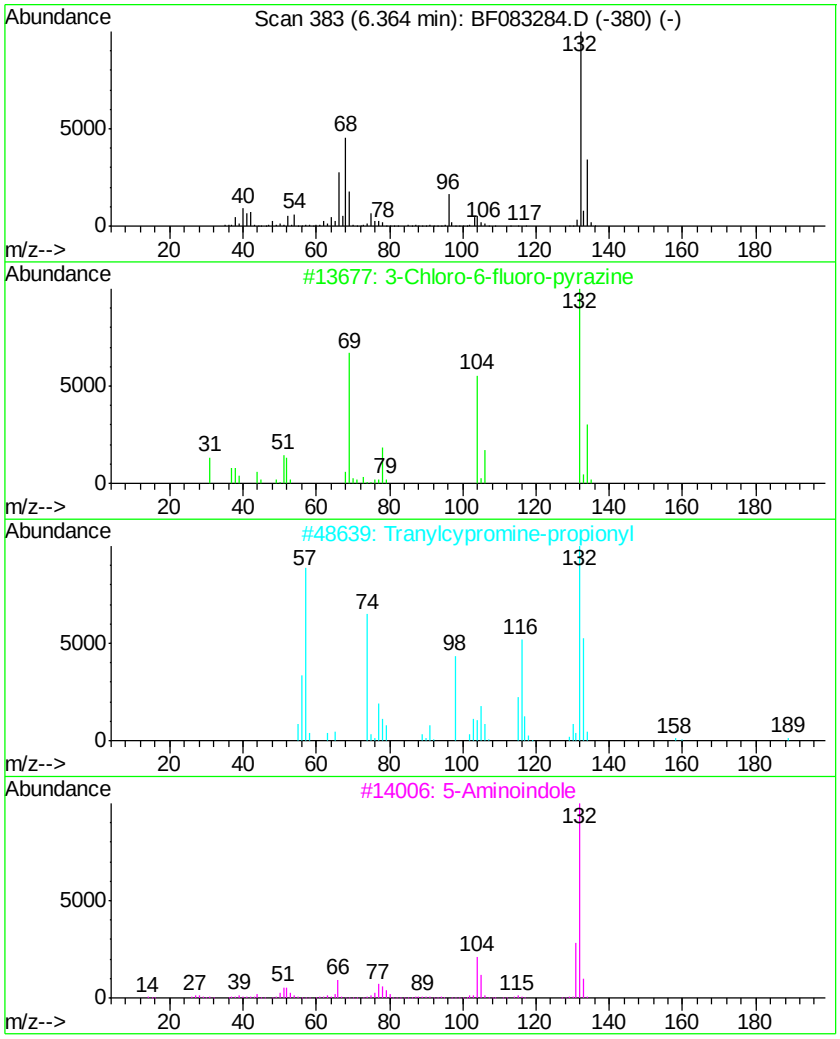
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

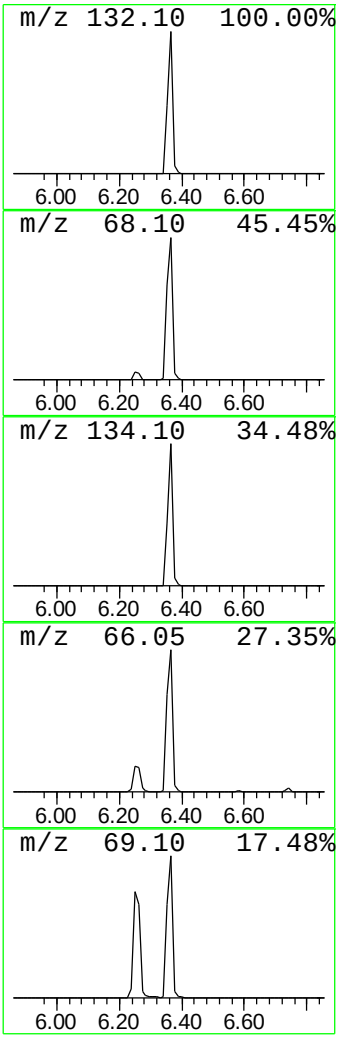
****

Peak Number 2 unknown6.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	101.08 ng	5133140	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	5-Aminoindole	132	C8H8N2	005192-03-0	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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

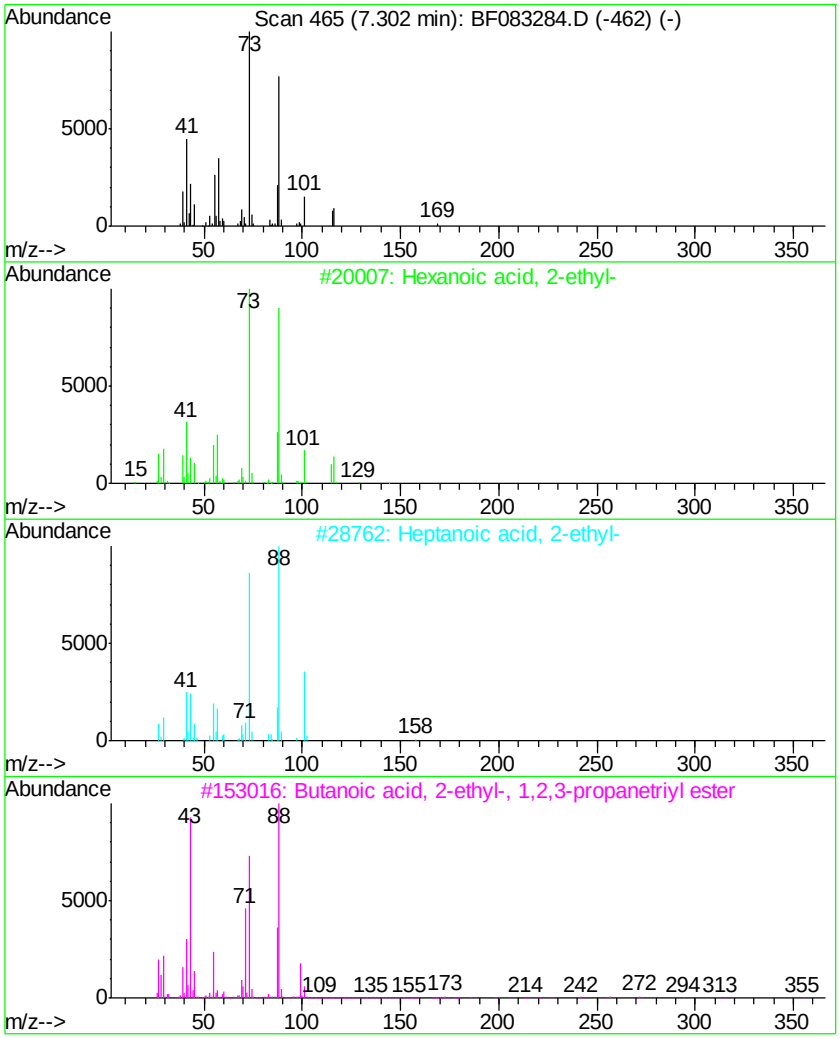
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

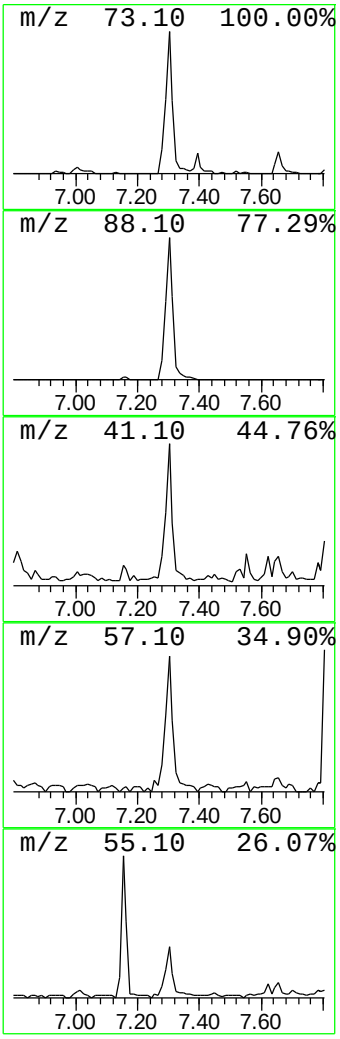
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	3.59 ng	239388	Naphthalene-d8	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
4	1,4-Dioxane	88	C4H8O2	000123-91-1	47
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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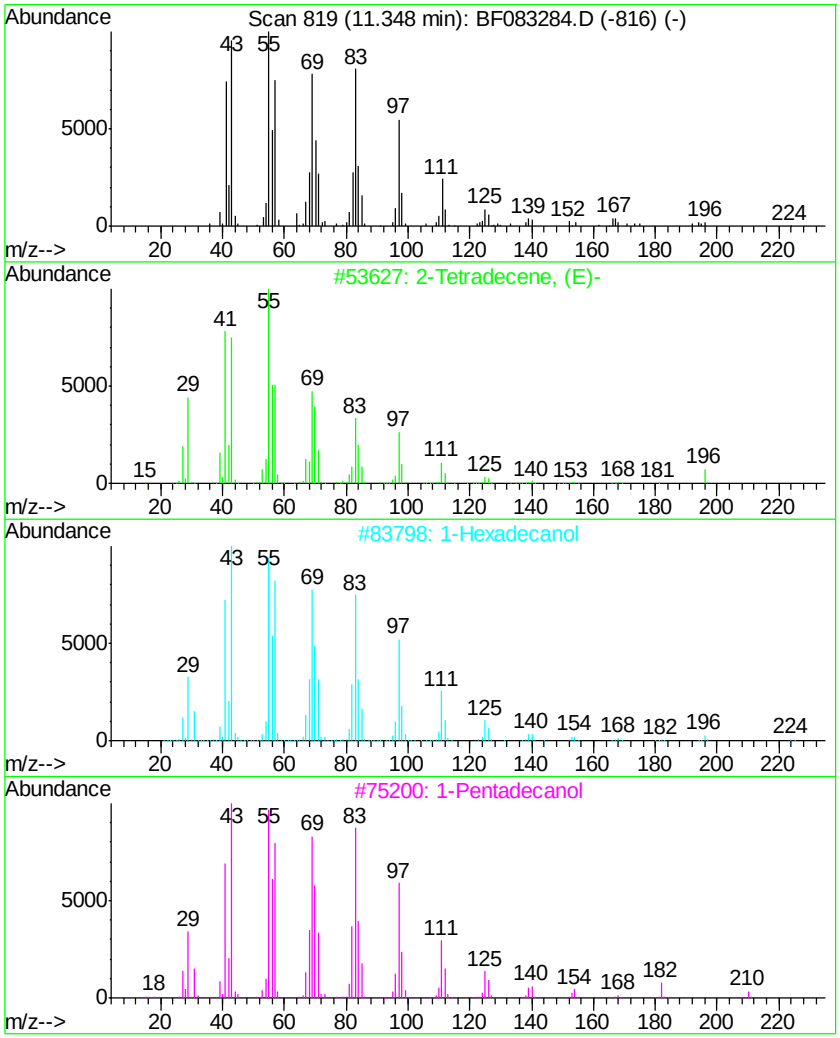
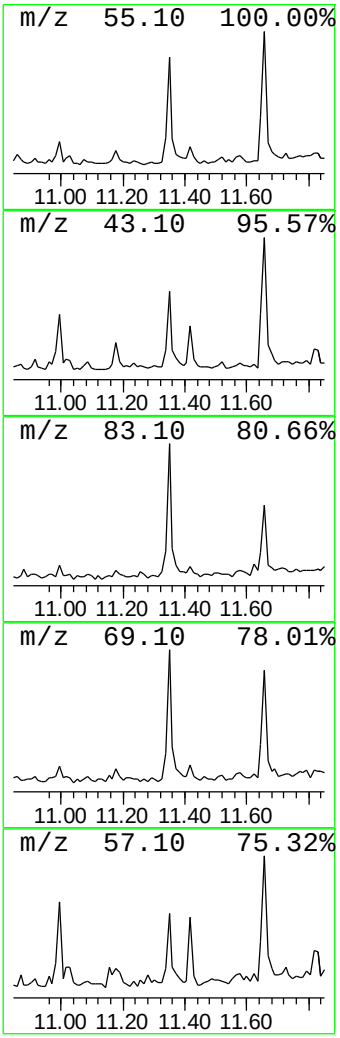
Peak Number 5 2-Tetradecene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	4.10 ng	295759	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	1-Pentadecanol	228	C15H32O	000629-76-5	91
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	1-Tetradecene	196	C14H28	001120-36-1	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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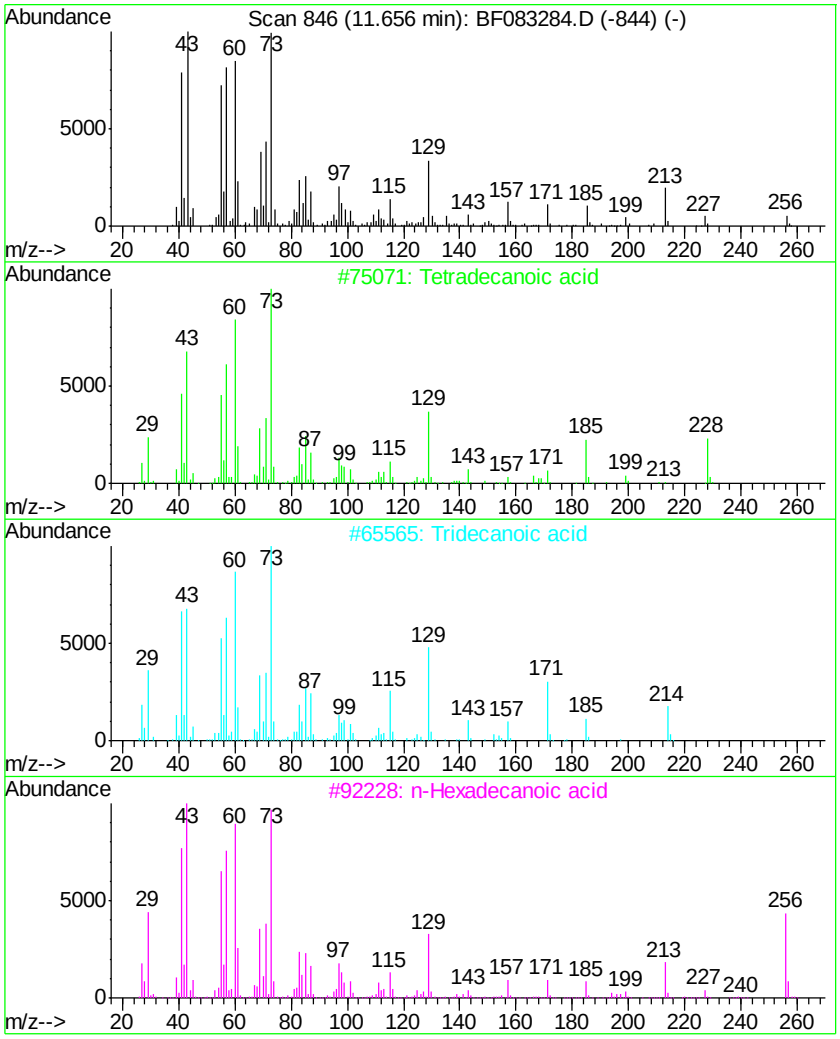
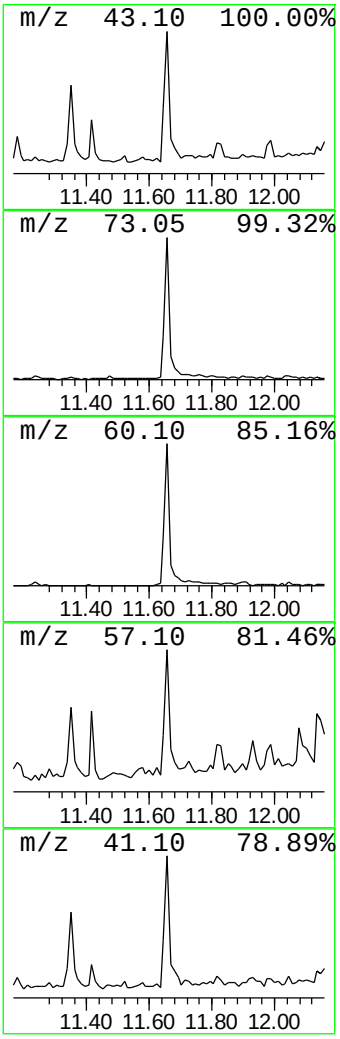
Peak Number 6 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	8.60 ng	619667	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	6-Methyl(pentamethylene)silyloxy...	326	C20H42OSi	1000278-79-4	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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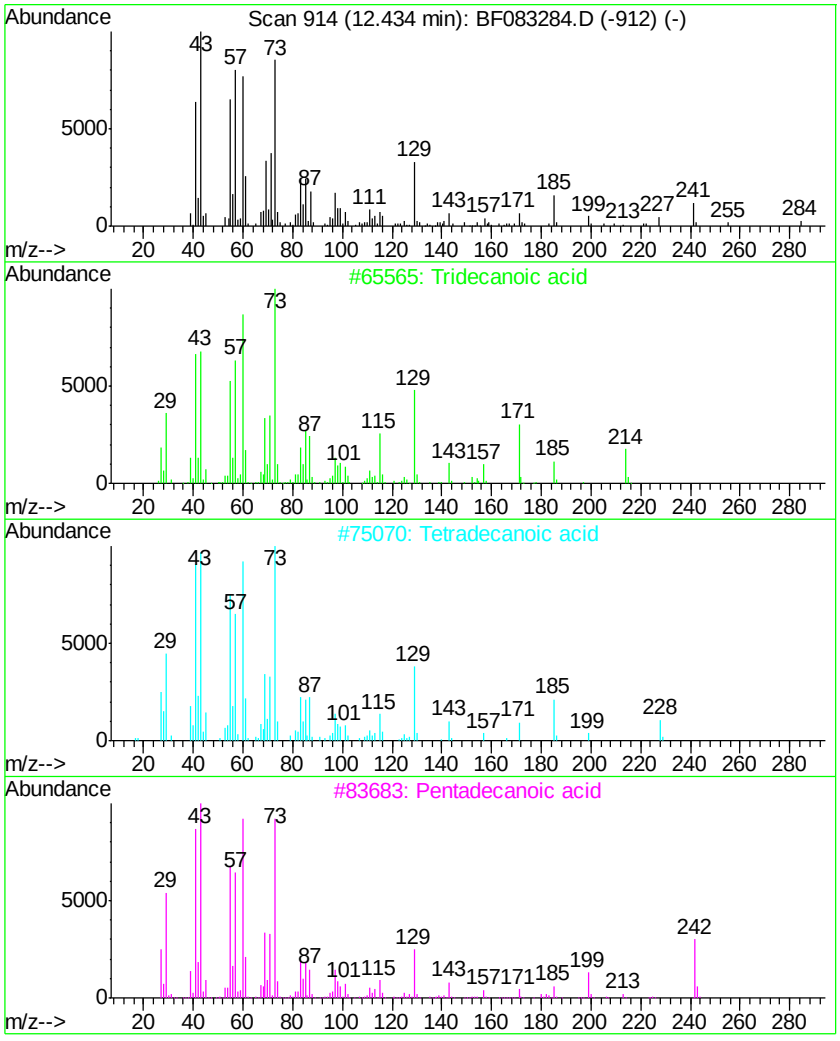
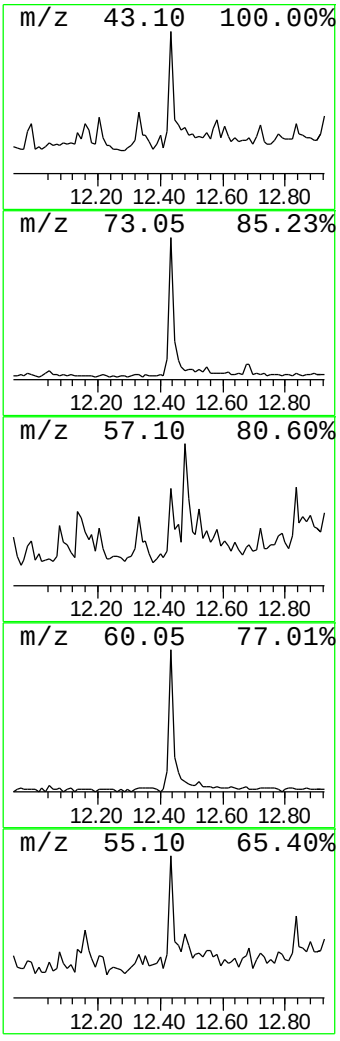
Peak Number 7 Tridecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	5.07 ng	275210	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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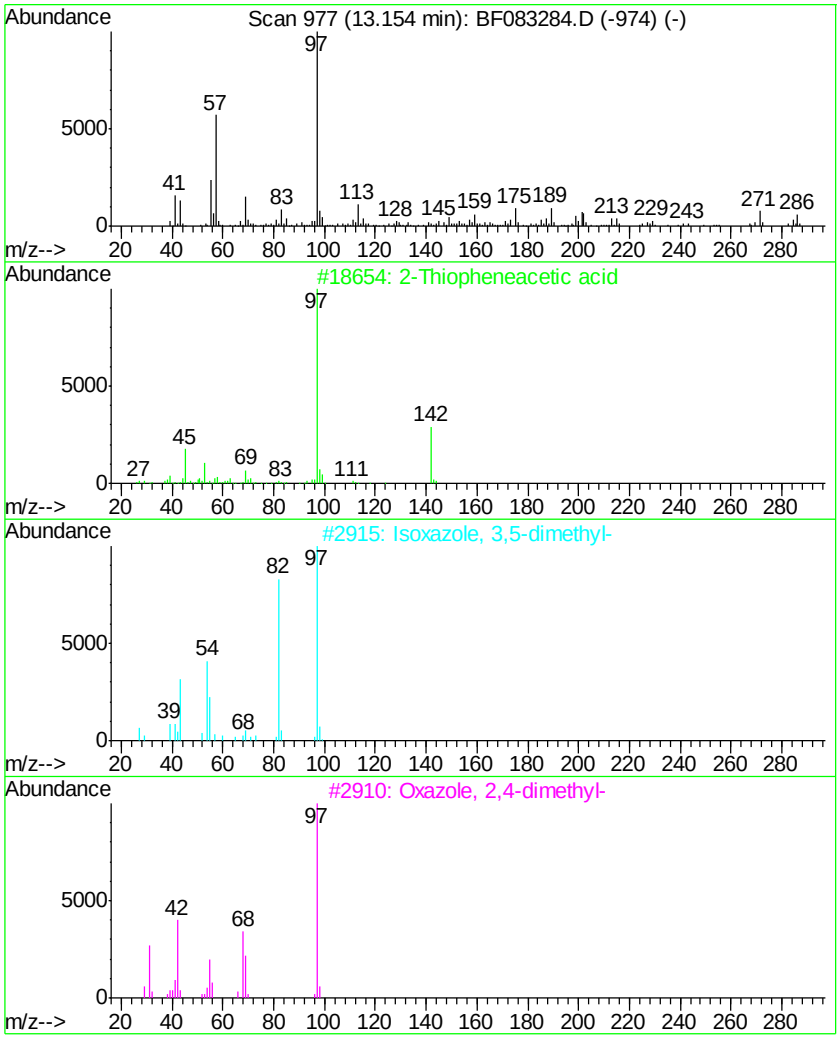
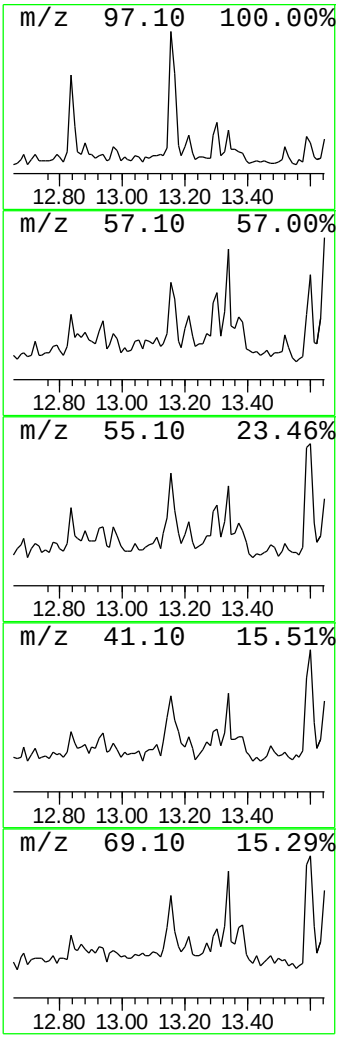
Peak Number 8 unknown13.15 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	9.94 ng	539867	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid	142	C6H6O2S	001918-77-0	49
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	47
3	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	47
4	2-Thiopheneacetic acid, isopropy...	184	C9H12O2S	068100-13-0	47
5	Methyl 2-thienylacetate	156	C7H8O2S	019432-68-9	47





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Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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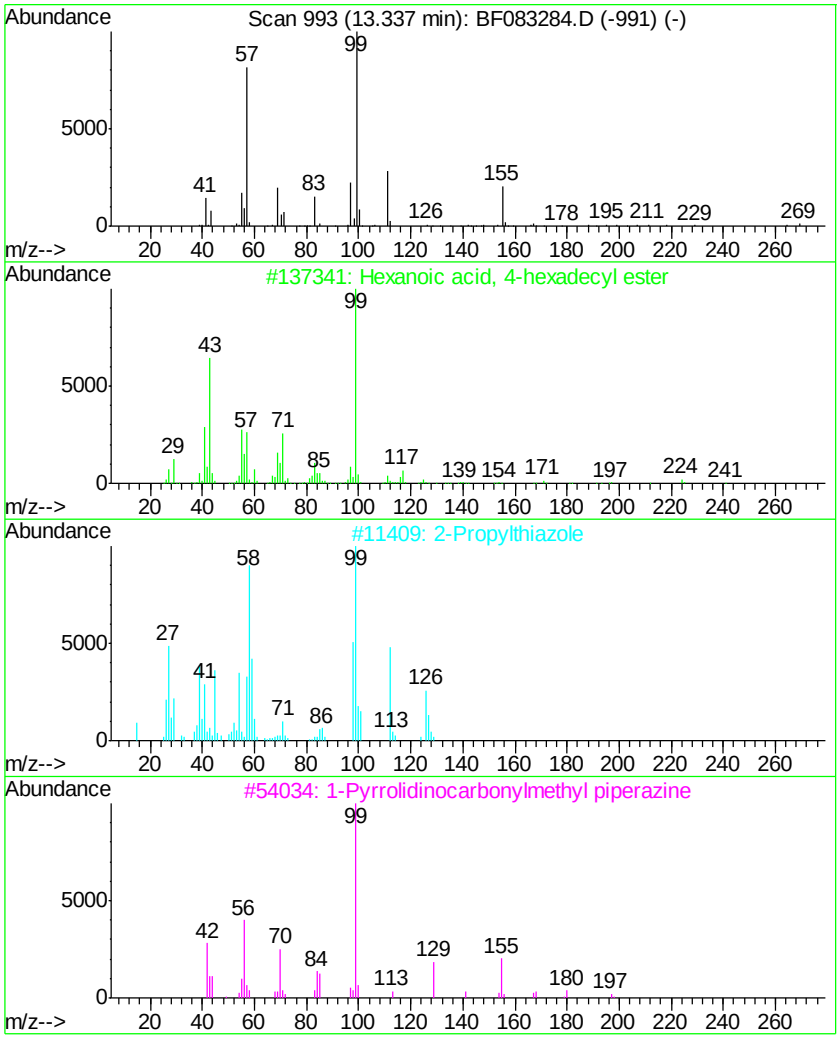
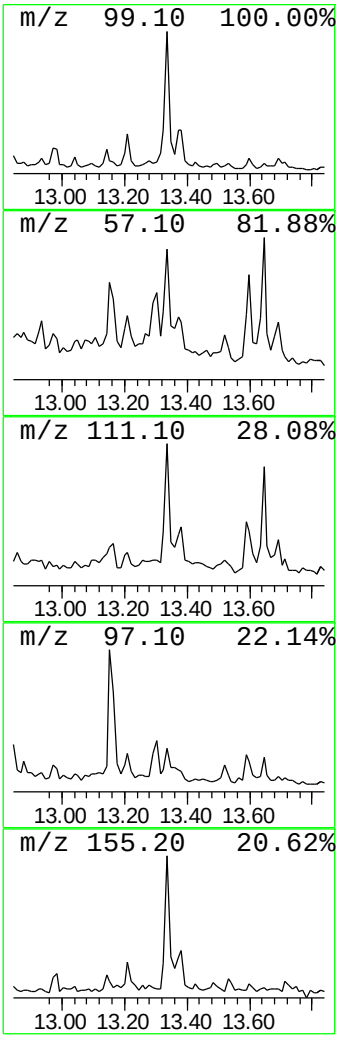
Peak Number 9 unknown13.34 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.64 ng	251892	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	38
2	2-Propylthiazole	127	C6H9NS	017626-75-4	35
3	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	28
4	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	25
5	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	25





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Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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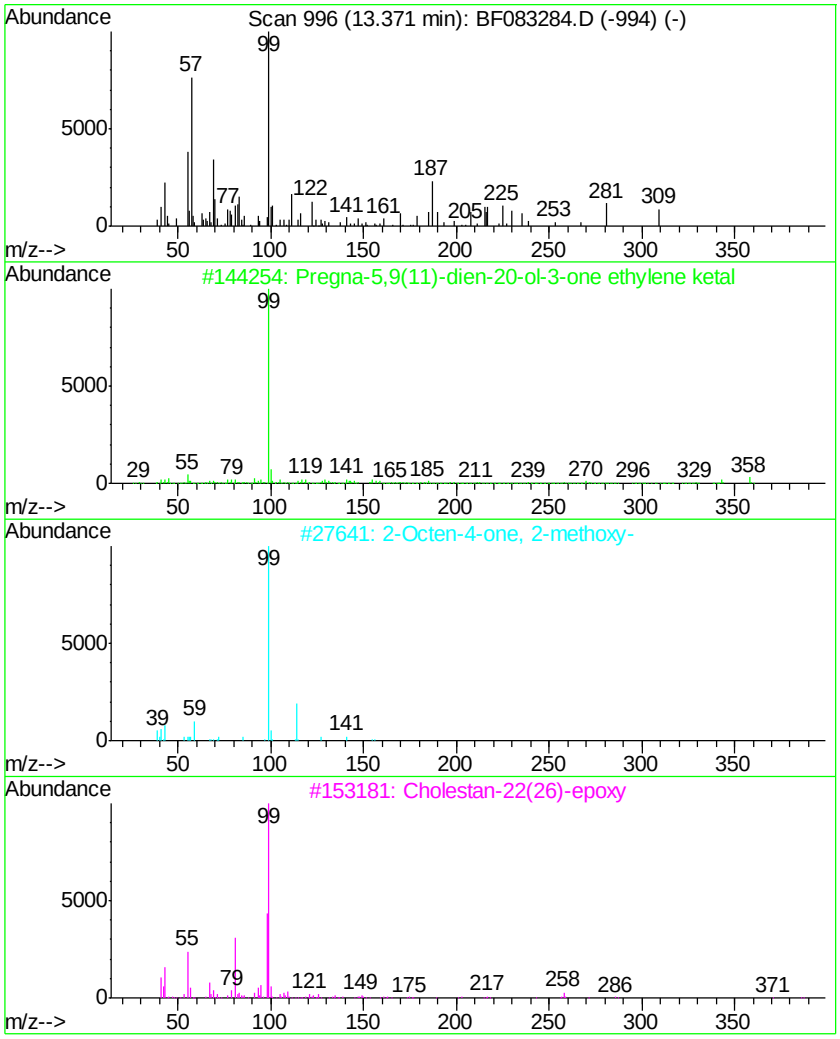
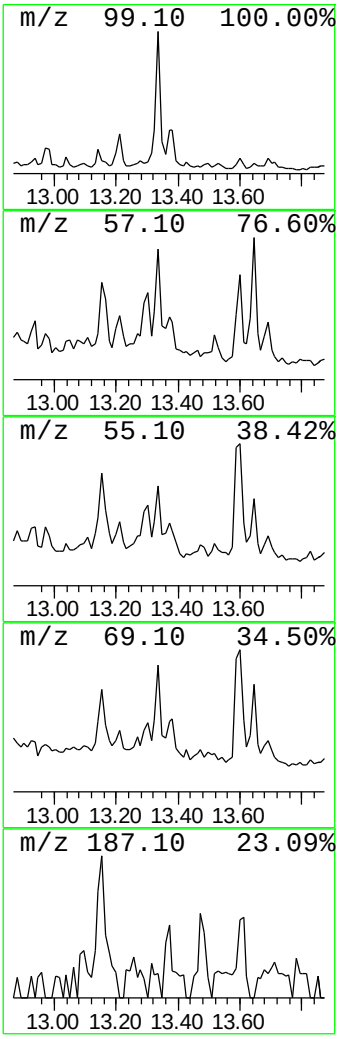
Peak Number 10 unknown13.37 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.73 ng	202641	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregna-5,9(11)-dien-20-ol-3-one ...	358	C23H34O3	1000194-02-0	38
2	2-Octen-4-one, 2-methoxy-	156	C9H16O2	024985-48-6	38
3	Cholestan-22(26)-epoxy	386	C27H46O	1000252-60-0	38
4	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	38
5	Phosphonofluoridic acid, methyl-...	224	C10H22FO2P	211192-74-4	38





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Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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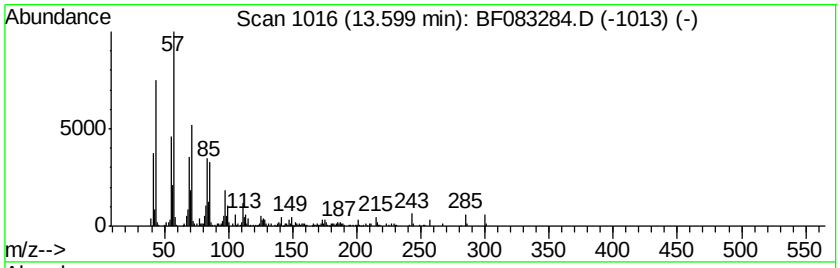
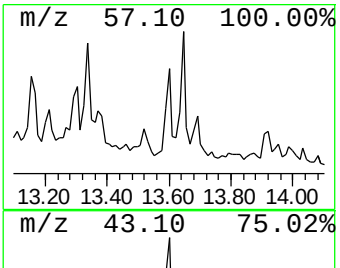
Peak Number 11 Tetracontane, 3,5,24-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	8.30 ng	450432	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	72
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	58
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	58
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	55
5	Nonane	128	C9H20	000111-84-2	53





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ALS Vial : 11 Sample Multiplier: 1

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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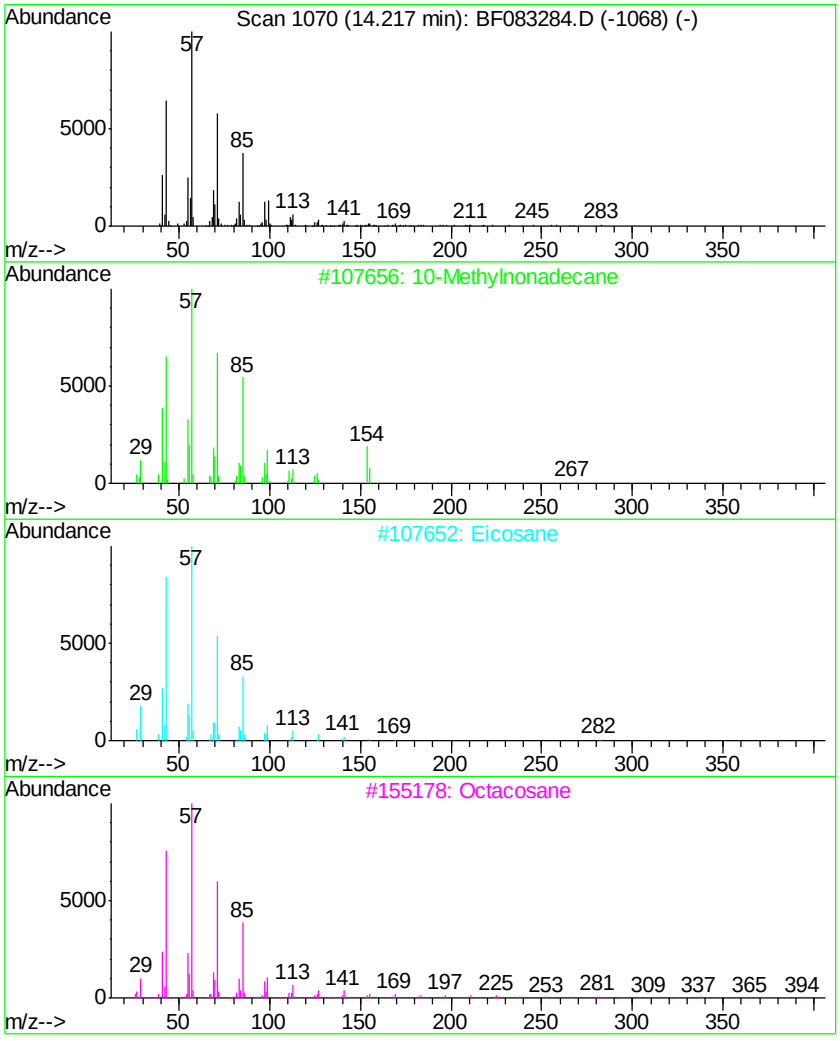
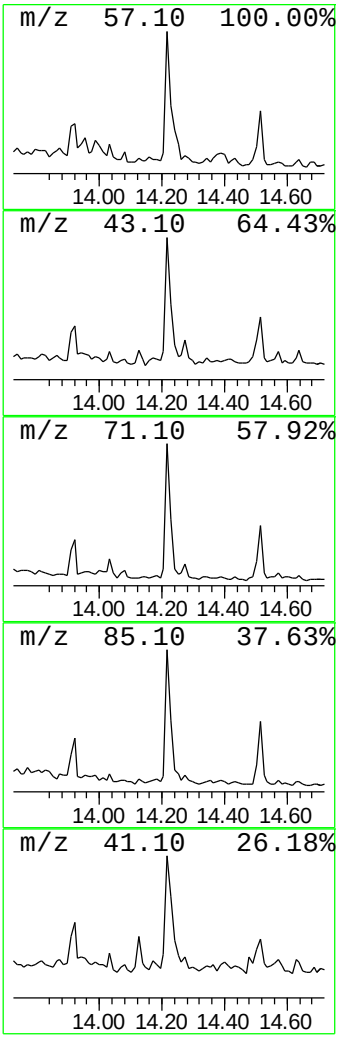
Peak Number 12 10-Methylnonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	7.52 ng	408469	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Octacosane	394	C28H58	000630-02-4	86
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
5	Pentadecane	212	C15H32	000629-62-9	74





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Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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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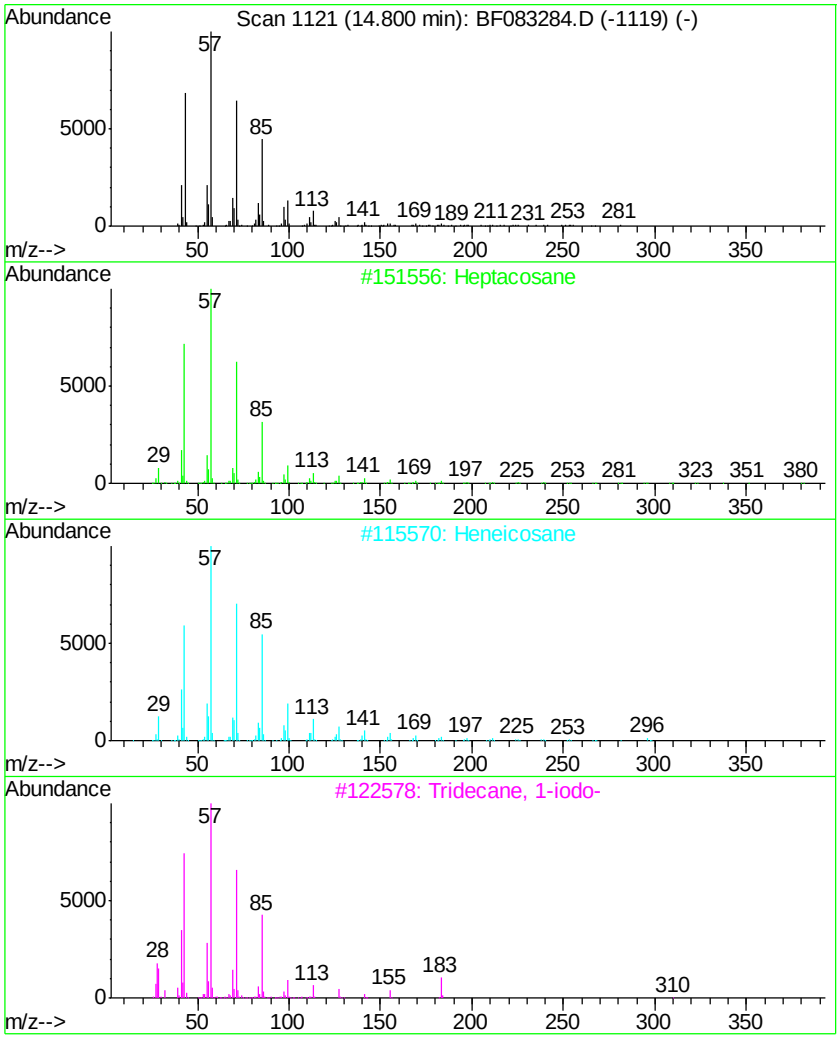
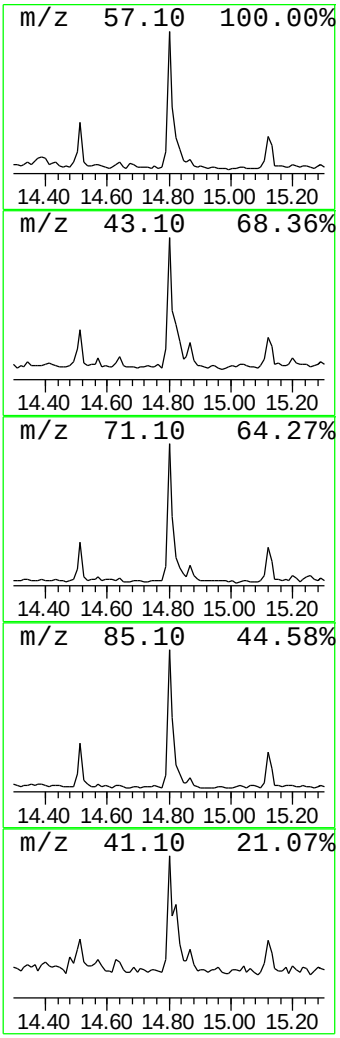
Peak Number 13 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	11.27 ng	567343	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5	Eicosane	282	C20H42	000112-95-8	86





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Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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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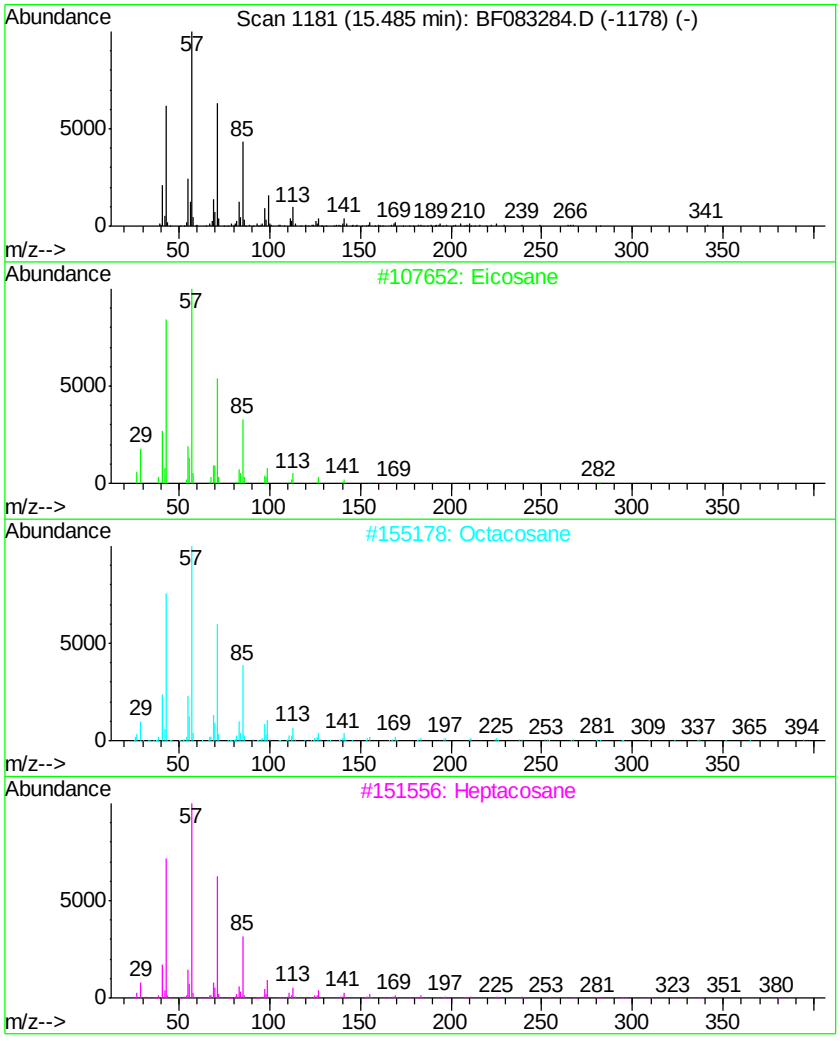
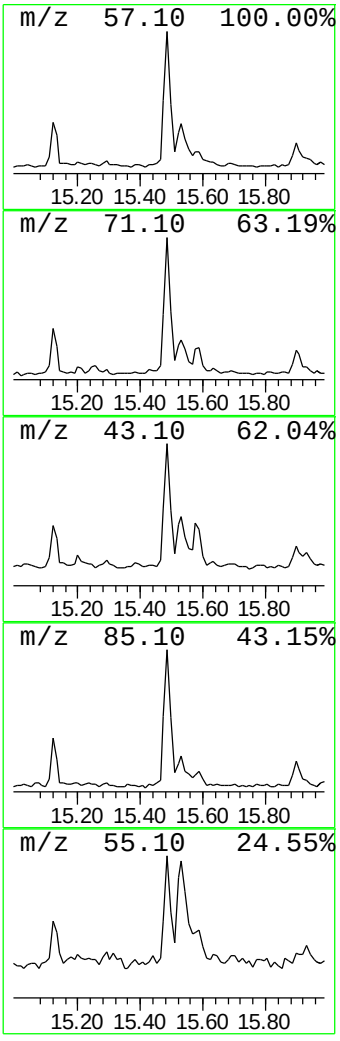
Peak Number 14 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	6.20 ng	312095	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90





Library Search Compound Report

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Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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

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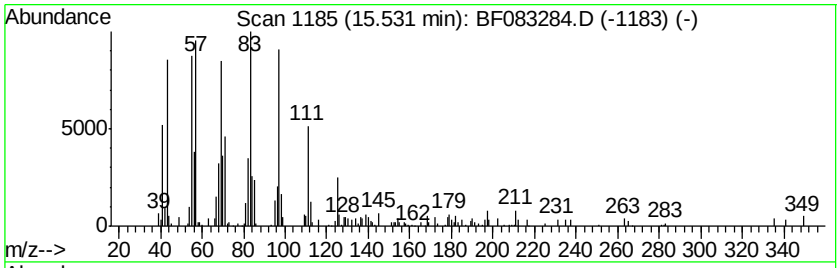
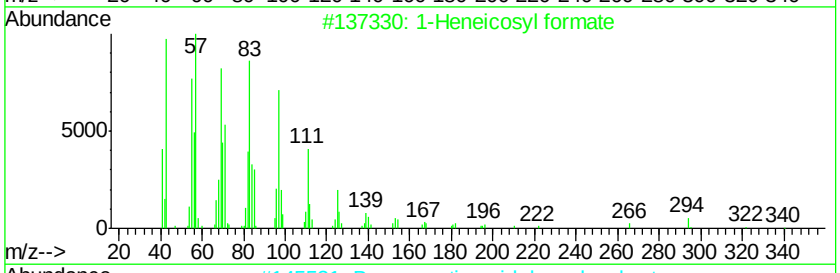
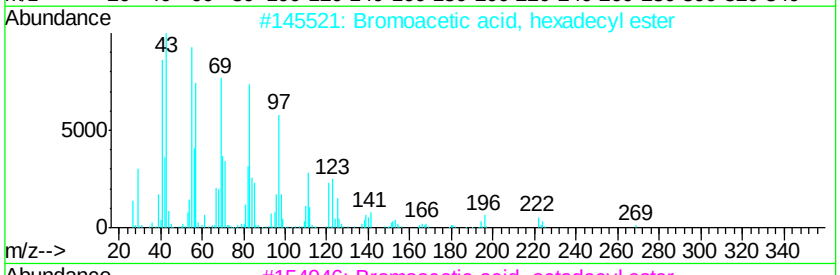
Peak Number 15 1-Heneicosyl formate Concentration Rank 12

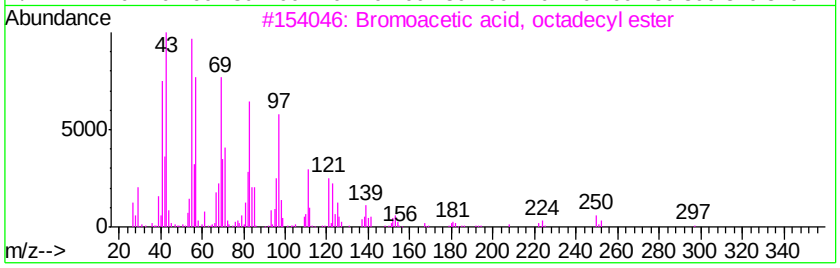
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	5.71 ng	287620	Perylene-d12	15.06

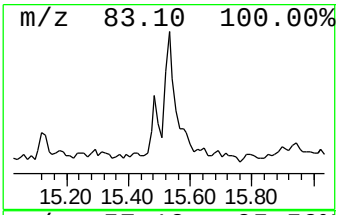
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	74
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	68
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	68
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	58

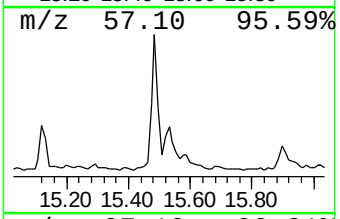


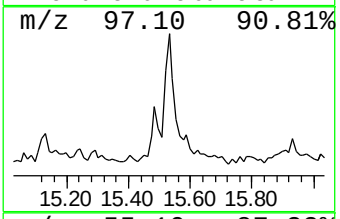


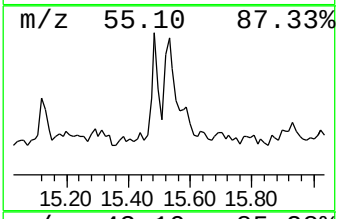


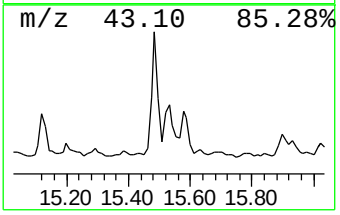












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Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
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TIC Integration Parameters: LSCINT.P

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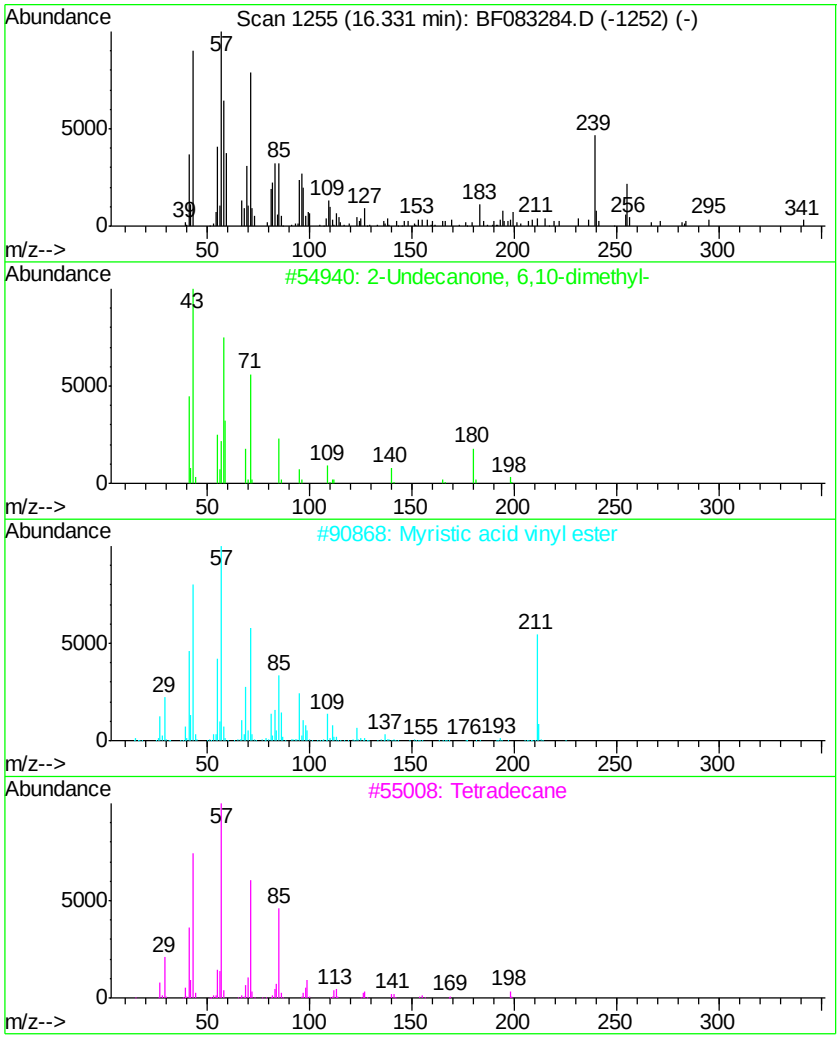
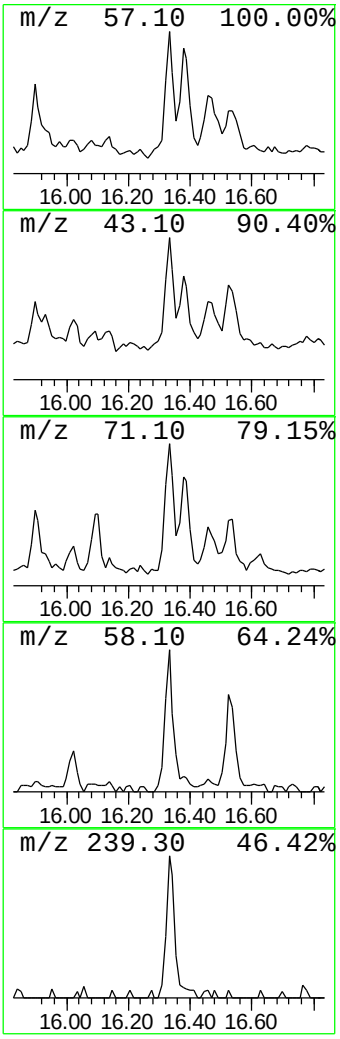
Peak Number 16 unknown16.33 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	5.13 ng	258207	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	38
2	Myristic acid vinyl ester	254	C16H30O2	005809-91-6	35
3	Tetradecane	198	C14H30	000629-59-4	25
4	Heptadecane	240	C17H36	000629-78-7	25
5	2-Heptadecanone	254	C17H34O	002922-51-2	25





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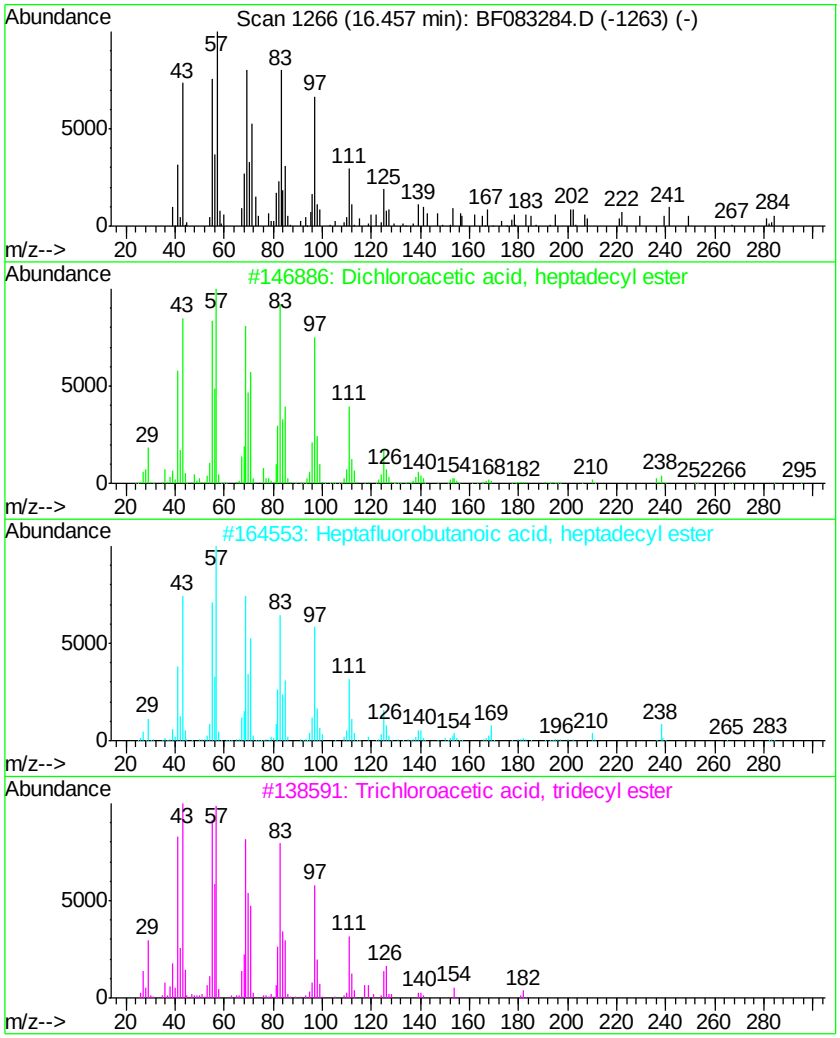
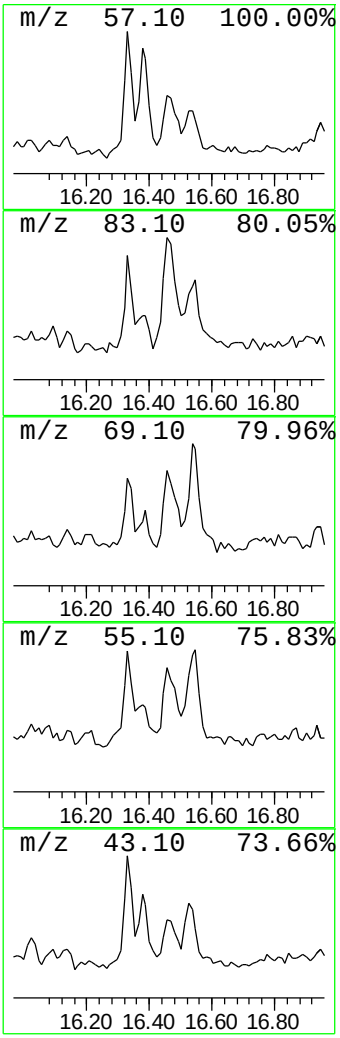
Peak Number 17 Dichloroacetic acid, heptad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	4.29 ng	215877	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
3	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	86
4	1-Hexacosanol	382	C26H54O	000506-52-5	72
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId : P001-BF006-01

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TIC Library : C:\DATABASE\NIST02.L
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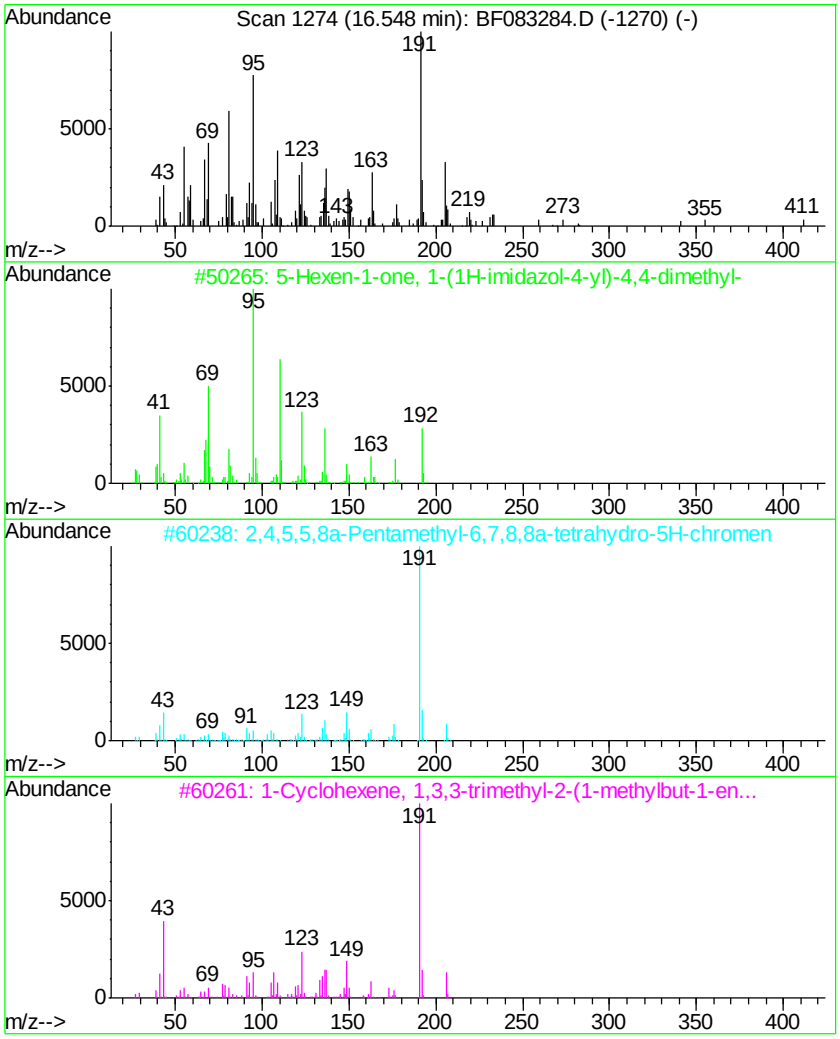
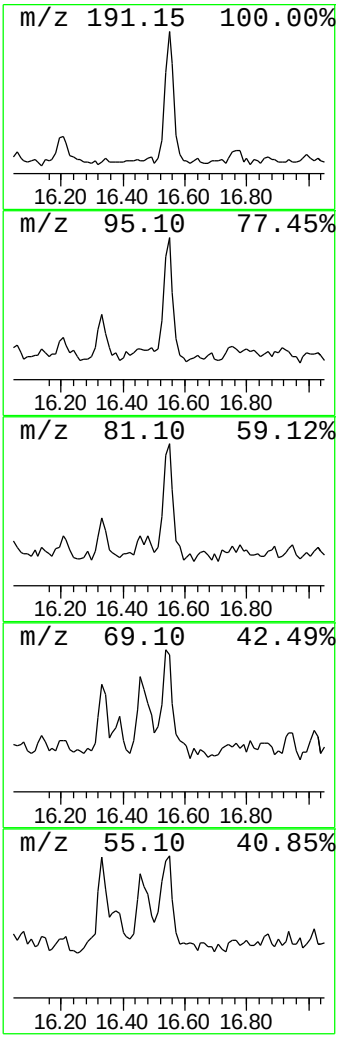
Peak Number 18 unknown16.55 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	7.66 ng	385740	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	42
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	30
5	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	25





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Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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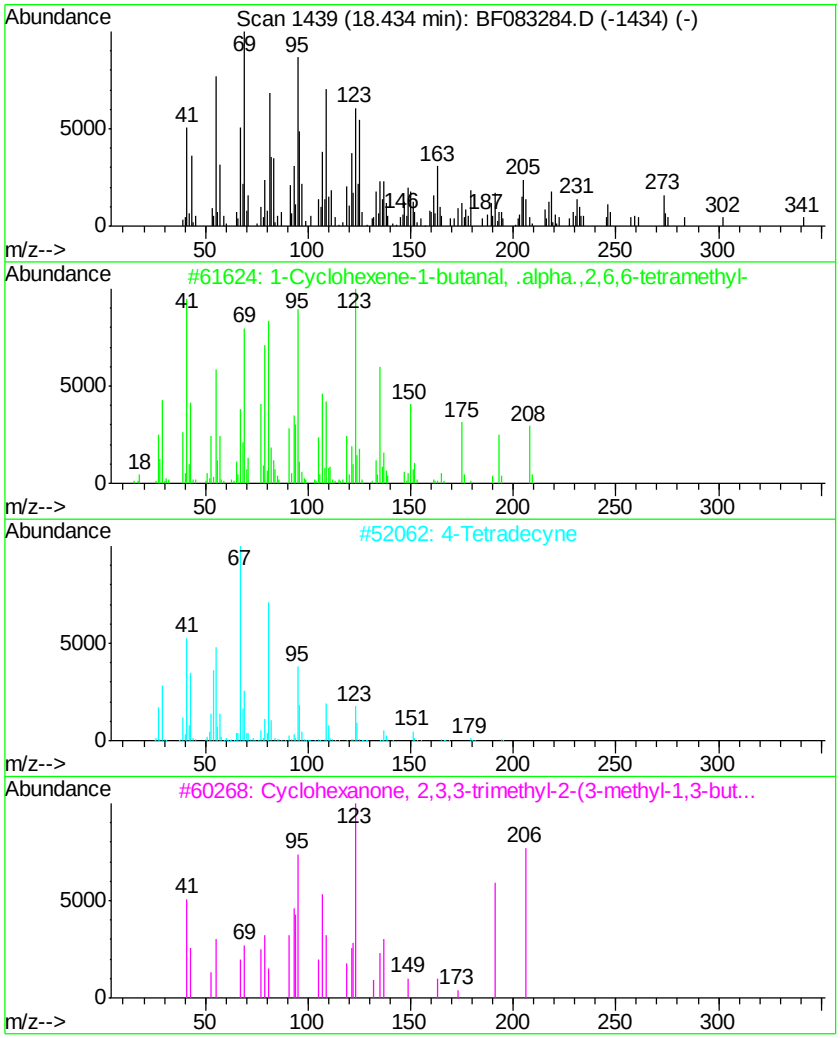
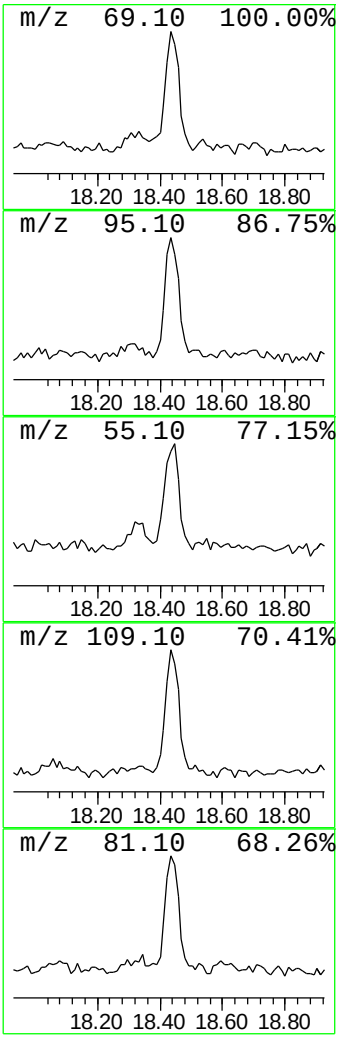
Peak Number 19 1-Cyclohexene-1-butanal, .a... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	10.45 ng	526050	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-butanal, .alpha....	208	C14H24O	021632-06-4	83
2	4-Tetradecyne	194	C14H26	060212-33-1	45
3	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	38
4	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	38
5	Cedrol	222	C15H26O	000077-53-2	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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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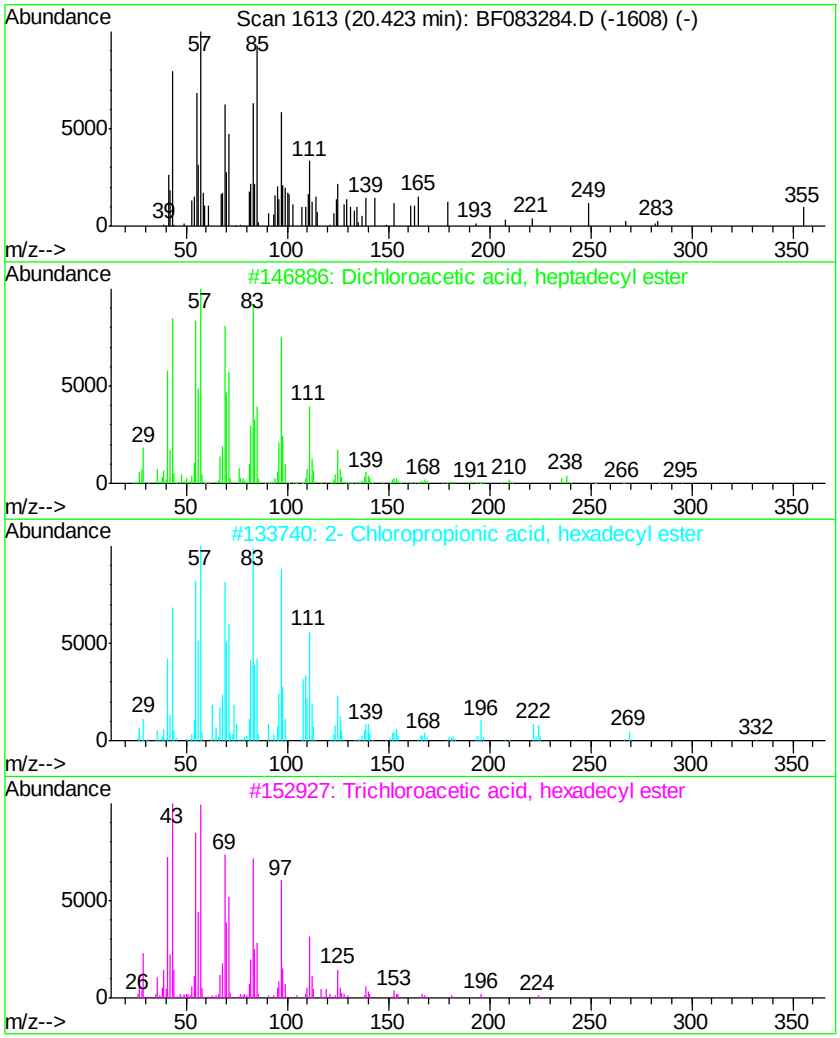
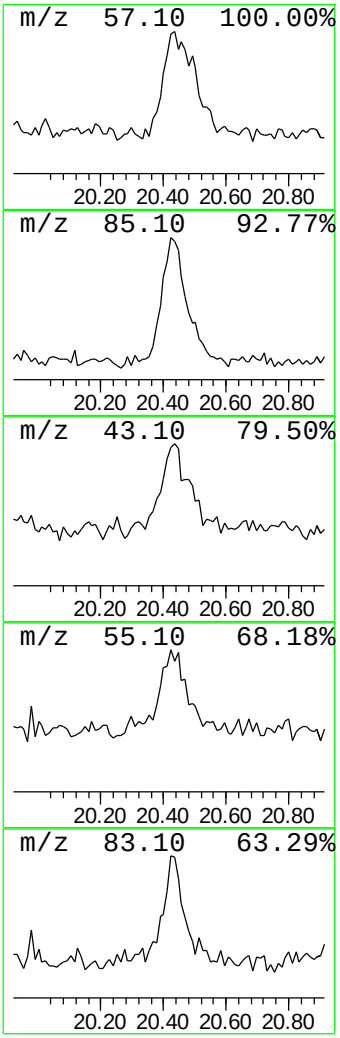
Peak Number 20 unknown20.42 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	5.00 ng	251480	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	46
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	42
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	42
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	41
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083284.D
Acq On : 25 Nov 2015 20:22
Operator : UM/IZ
Sample : G4559-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF006-01

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
unknown4.72	4.72	37.2	ng	1890680	1	6.58	1015660	20.0
unknown6.36	6.36	101.1	ng	5133140	1	6.58	1015660	20.0
Hexanoic acid, 2-...	7.30	3.6	ng	239388	2	7.87	1332140	20.0
2-Tetradecene, (E)-	11.35	4.1	ng	295759	4	11.10	1441250	20.0
Tetradecanoic acid	11.66	8.6	ng	619667	4	11.10	1441250	20.0
Tridecanoic acid	12.43	5.1	ng	275210	5	13.71	1086020	20.0
unknown13.15	13.15	9.9	ng	539867	5	13.71	1086020	20.0
unknown13.34	13.34	4.6	ng	251892	5	13.71	1086020	20.0
unknown13.37	13.37	3.7	ng	202641	5	13.71	1086020	20.0
Tetracontane, 3,5...	13.60	8.3	ng	450432	5	13.71	1086020	20.0
10-Methylnonadecane	14.22	7.5	ng	408469	5	13.71	1086020	20.0
Heptacosane	14.80	11.3	ng	567343	6	15.06	1006860	20.0
Eicosane	15.49	6.2	ng	312095	6	15.06	1006860	20.0
1-Heneicosyl formate	15.53	5.7	ng	287620	6	15.06	1006860	20.0
unknown16.33	16.33	5.1	ng	258207	6	15.06	1006860	20.0
Dichloroacetic ac...	16.46	4.3	ng	215877	6	15.06	1006860	20.0
unknown16.55	16.55	7.7	ng	385740	6	15.06	1006860	20.0
1-Cyclohexene-1-b...	18.43	10.4	ng	526050	6	15.06	1006860	20.0
unknown20.42	20.42	5.0	ng	251480	6	15.06	1006860	20.0