LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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	252	rBV	1051293	1682253	34.52%	3.408%
2	5.176	277	279	282	rBV	3087243	4184954	85.89%	8.479%
3	5.336	291	293	308	rVB3	15253	62446	1.28%	0.127%
4	6.250	371	373	376	rBV	3784006	4352014	89.32%	8.818%
5	6.364	380	383	385	rBV	3556915	4449444	91.32%	9.015%
6	6.582	400	402	405	rBV	883645	991870	20.36%	2.010%
7	6.742	414	416	419	rBV	3635824	3270400	67.12%	6.626%
8	7.153	450	452	455	rBV	2286900	2754394	56.53%	5.581%
9	7.302	462	465	471	rVB	146229	210672	4.32%	0.427%
10	7.656	494	496	505	rVB	45877	69306	1.42%	0.140%
11	7.805	505	509	513	rBV	33571	61312	1.26%	0.124%
12	7.873	513	515	518	rBV	1417231	1274406	26.15%	2.582%
13	8.262	546	549	553	rBV	65896	93808	1.93%	0.190%
14	8.833	596	599	602	rBV	74925	90060	1.85%	0.182%
15	8.959	607	610	612	rBV	4938896	4872598	100.00%	9.872%
16	9.359	643	645	647	rBV	1491741	1292797	26.53%	2.619%
17	9.576	662	664	666	rBV	139646	132354	2.72%	0.268%
18	9.622	666	668	671	rVV	1686005	1503794	30.86%	3.047%
19	9.805	681	684	686	rBV2	21200	51301	1.05%	0.104%
20	10.079	706	708	709	rVB	175657	163873	3.36%	0.332%
21	10.296	724	727	730	rBV	71298	116964	2.40%	0.237%
22	10.411	735	737	739	rBV	3038140	3016696	61.91%	6.112%
23	10.548	747	749	752	rBV	222229	280651	5.76%	0.569%
24	10.639	755	757	759	rVV2	88364	95151	1.95%	0.193%
25	10.673	759	760	764	rVB2	46472	62048	1.27%	0.126%
26	10.742	764	766	768	rBV2	47350	81434	1.67%	0.165%
27	10.993	784	788	789	rBV	138931	154663	3.17%	0.313%
28	11.016	789	790	794	rVB	34183	52071	1.07%	0.106%
29	11.096	794	797	799	rBV	1733236	1516618	31.13%	3.073%
30	11.153	799	802	808	rVB2	34010	84994	1.74%	0.172%
31	11.348	816	819	823	rBV3	36986	72373	1.49%	0.147%
32	11.416	823	825	828	rVB	75733	79025	1.62%	0.160%
33	11.565	836	838	840	rBV	29576	53210	1.09%	0.108%
34	11.656	844	846	850	rBV2	800671	869017	17.83%	1.761%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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	11.931	868	870	873	rBV	65338	89482	1.84%	0.181%
36	12.079	881	883	887	rBV	51192	88559	1.82%	0.179%
37	12.136	887	888	890	rBV	93813	104870	2.15%	0.212%
38	12.331	901	905	910	rBV3	82291	217900	4.47%	0.441%
39	12.434	912	914	917	rVV	461469	505959	10.38%	1.025%
40	12.479	917	918	921	rVV	120063	153306	3.15%	0.311%
41	12.525	921	922	926	rVB2	48363	66784	1.37%	0.135%
42	12.685	933	936	938	rBV	4215706	4322201	88.70%	8.757%
43	12.834	947	949	952	rBV	109109	172073	3.53%	0.349%
44	12.971	959	961	965	rVB2	41303	77914	1.60%	0.158%
45	13.154	974	977	980	rBV	193295	324974	6.67%	0.658%
46	13.211	980	982	984	rVV	69763	93942	1.93%	0.190%
47	13.302	988	990	991	rVV	110824	148672	3.05%	0.301%
48	13.337	991	993	995	rVV	277709	298122	6.12%	0.604%
49	13.382	995	997	1000	rVB	90283	124338	2.55%	0.252%
50	13.519	1007	1009	1013	rVB	38858	49411	1.01%	0.100%
51	13.588	1013	1015	1018	rBV	397372	593487	12.18%	1.202%
52	13.645	1018	1020	1022	rVV	190924	198809	4.08%	0.403%
53	13.691	1022	1024	1025	rVV	64506	102439	2.10%	0.208%
54	13.714	1025	1026	1029	rVB	1115462	1214744	24.93%	2.461%
55	13.919	1041	1044	1045	rBV	39983	48953	1.00%	0.099%
56	14.125	1061	1062	1064	rBV2	42922	51624	1.06%	0.105%
57	14.217	1068	1070	1076	rVB3	96216	191847	3.94%	0.389%
58	14.491	1091	1094	1095	rBV	39889	54569	1.12%	0.111%
59	14.800	1119	1121	1125	rBV	118324	200450	4.11%	0.406%
60	15.062	1142	1144	1147	rBV	715966	980806	20.13%	1.987%
61	15.485	1178	1181	1183	rBV	92919	138300	2.84%	0.280%
62	15.531	1183	1185	1188	rVV2	79061	174254	3.58%	0.353%
63	15.588	1188	1190	1192	rVB2	32596	52806	1.08%	0.107%
64	16.331	1251	1255	1257	rBV3	41791	80959	1.66%	0.164%
65	16.468	1263	1267	1270	rBV5	24105	73390	1.51%	0.149%
66	16.537	1270	1273	1280	rVB3	59683	160674	3.30%	0.326%
67	18.434	1435	1439	1445	rVB9	32800	99763	2.05%	0.202%

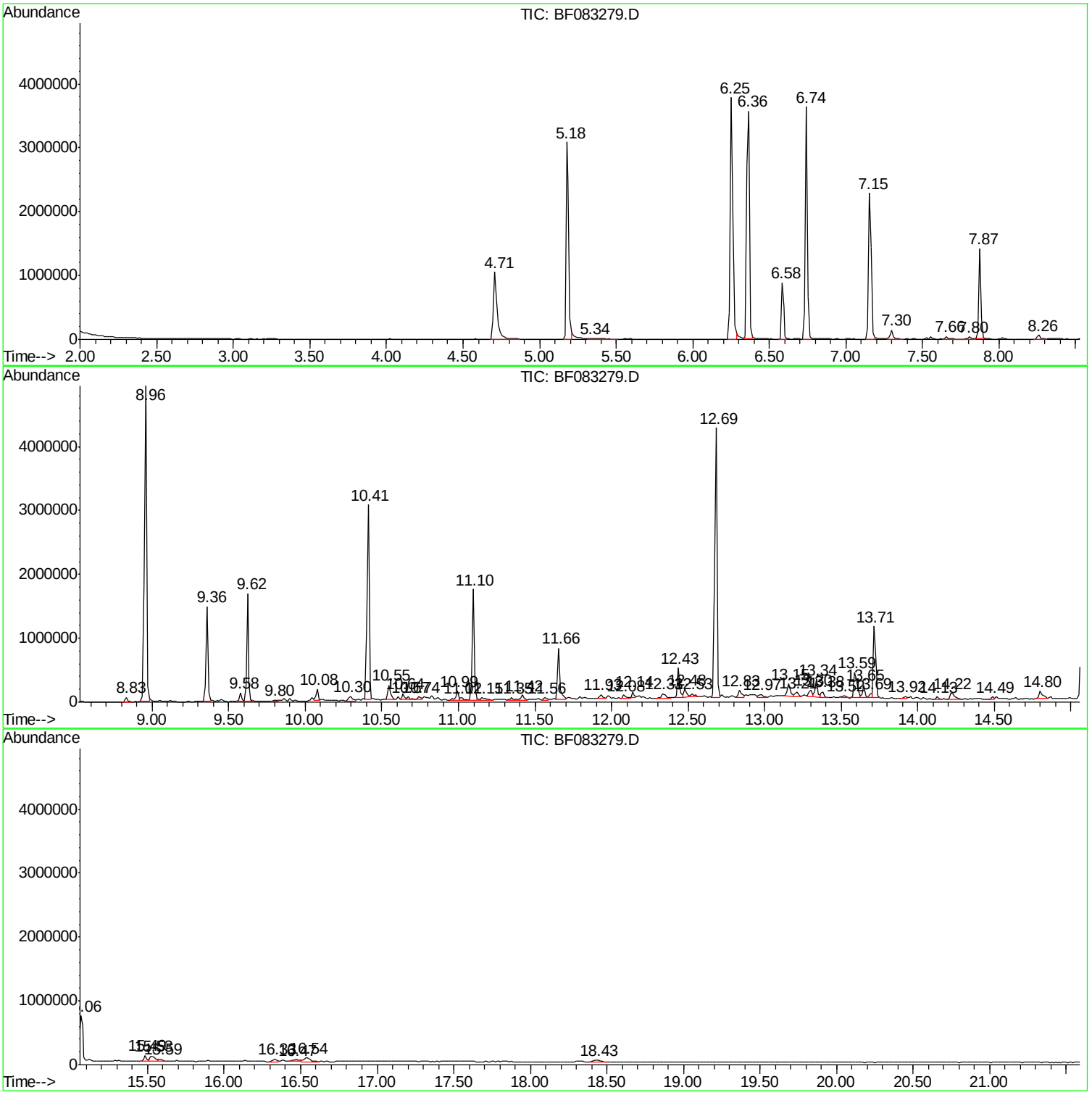
Sum of corrected areas: 49355352

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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 : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

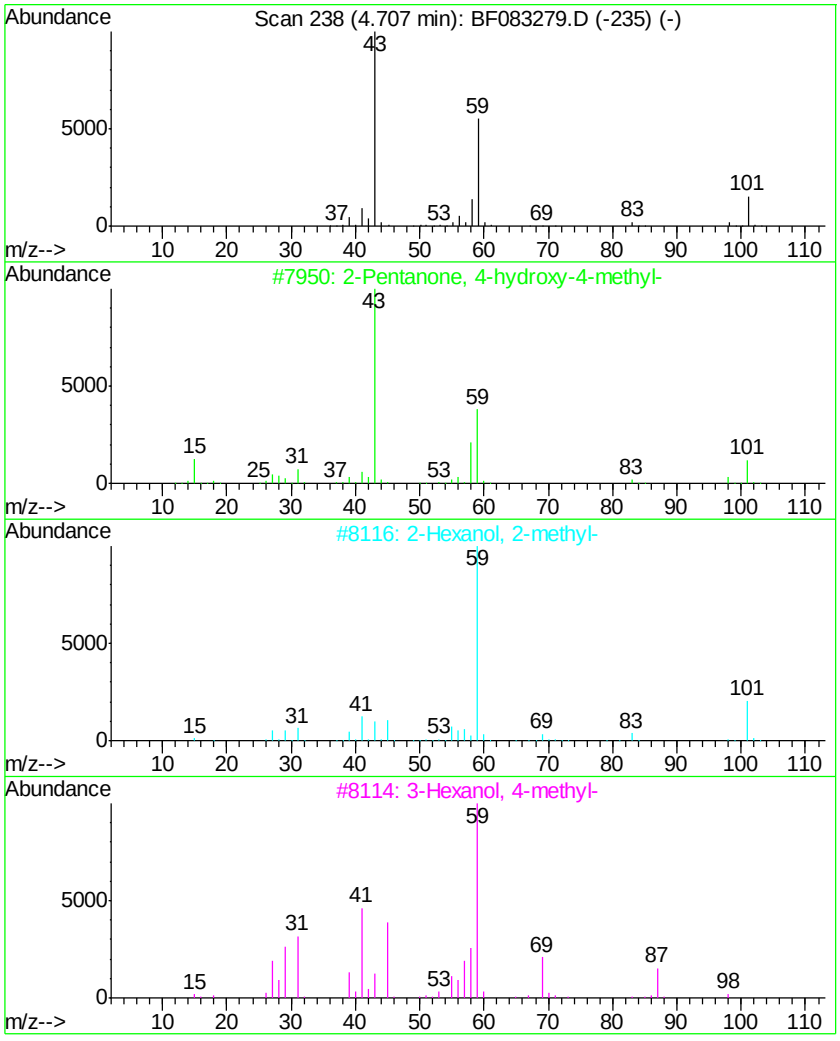
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

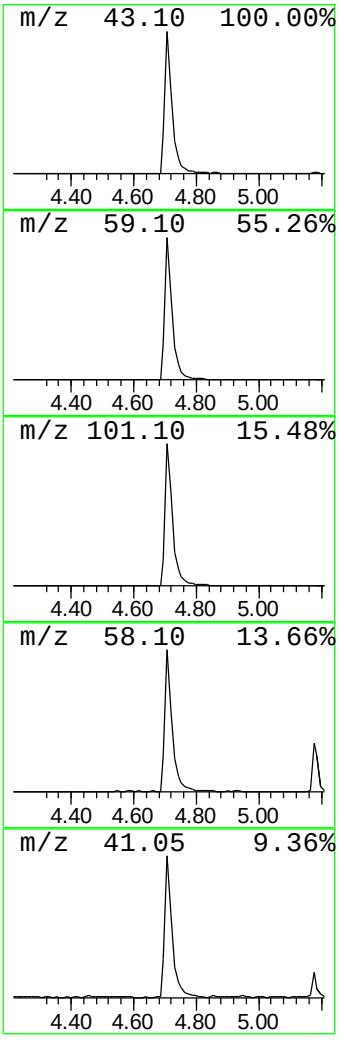
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	33.92 ng	1682250	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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

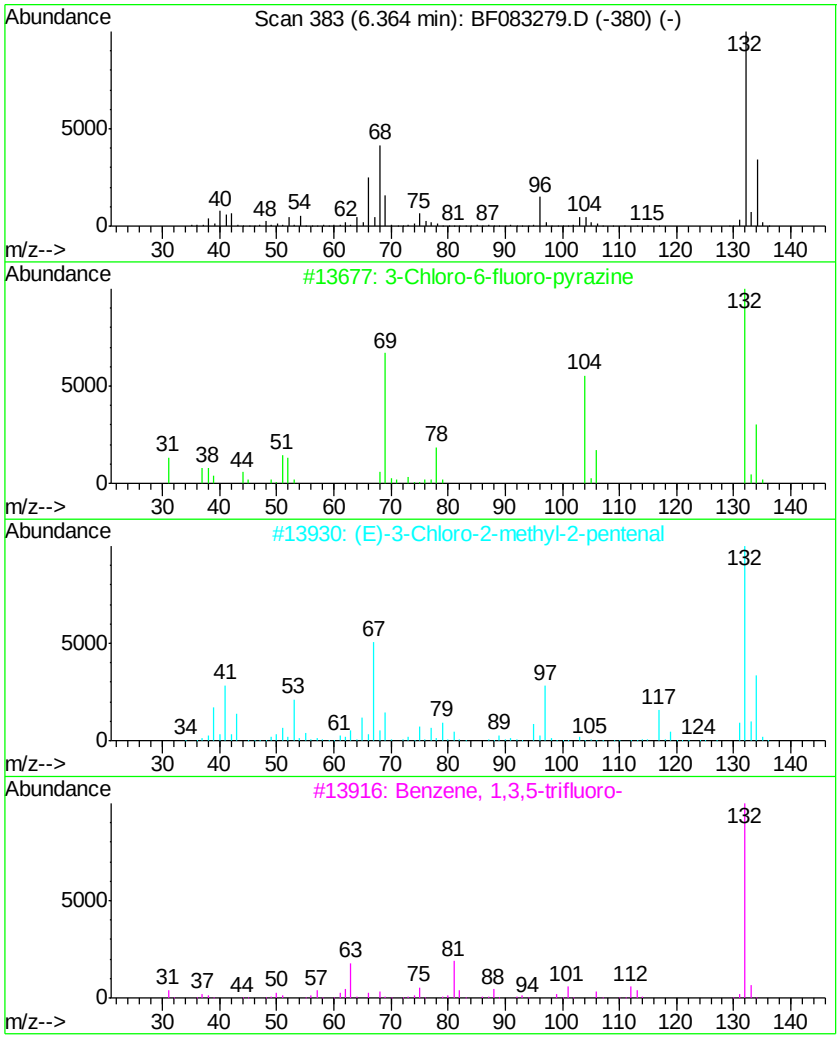
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

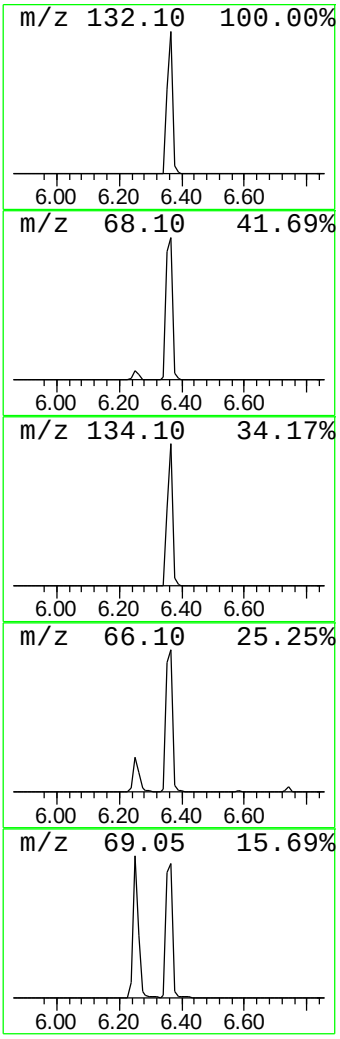
****

Peak Number 2 unknown6.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	89.72 ng	4449440	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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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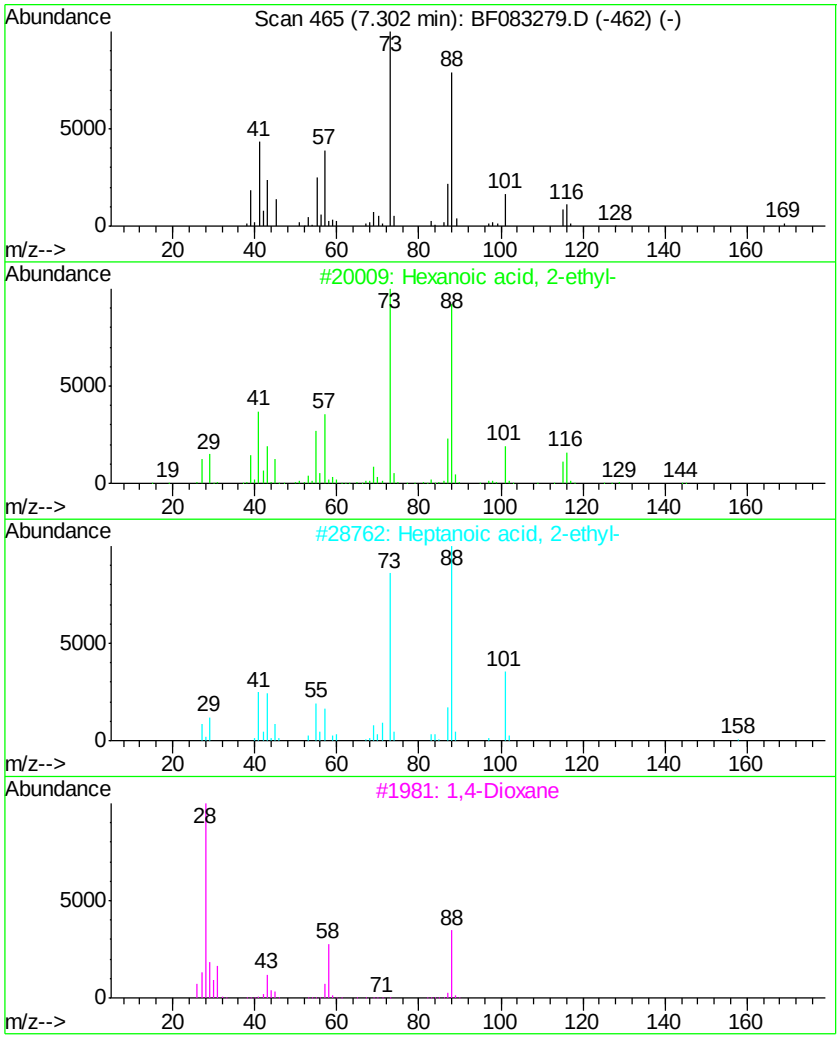
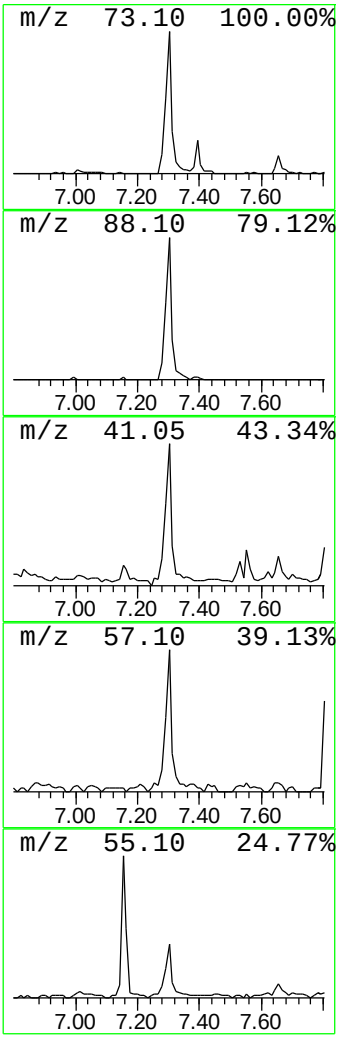
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	3.31 ng	210672	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	59
3	1,4-Dioxane	88	C4H8O2	000123-91-1	50
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
5	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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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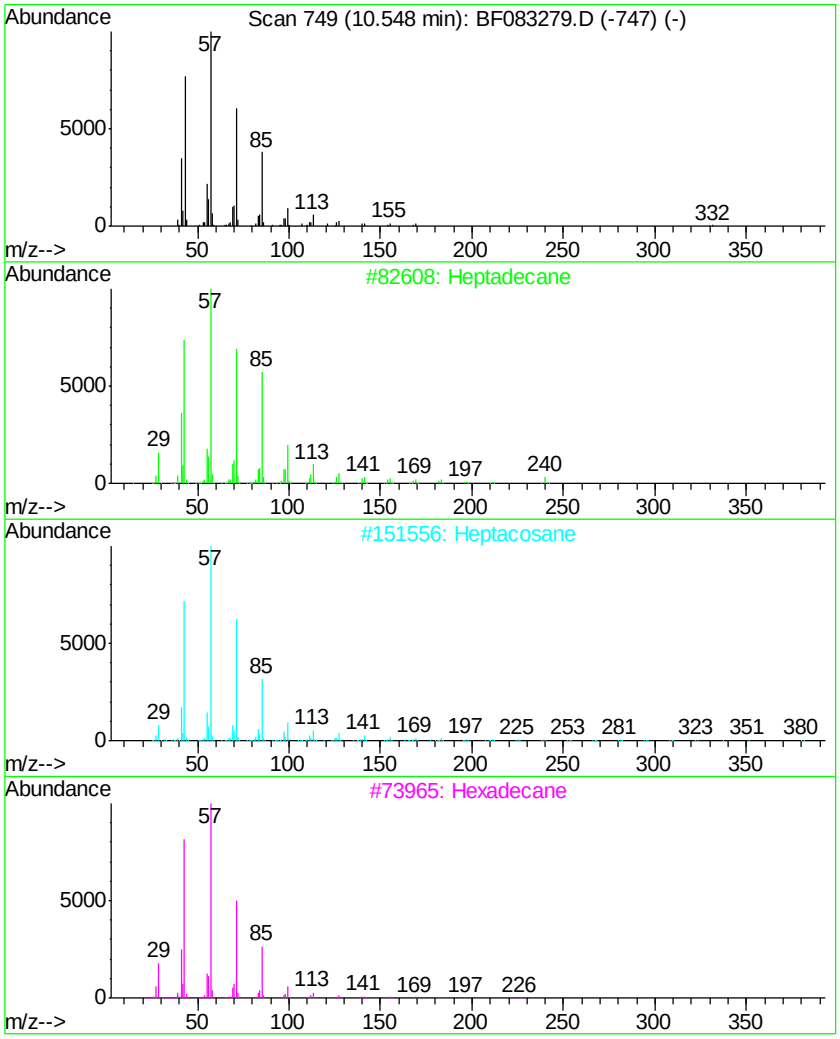
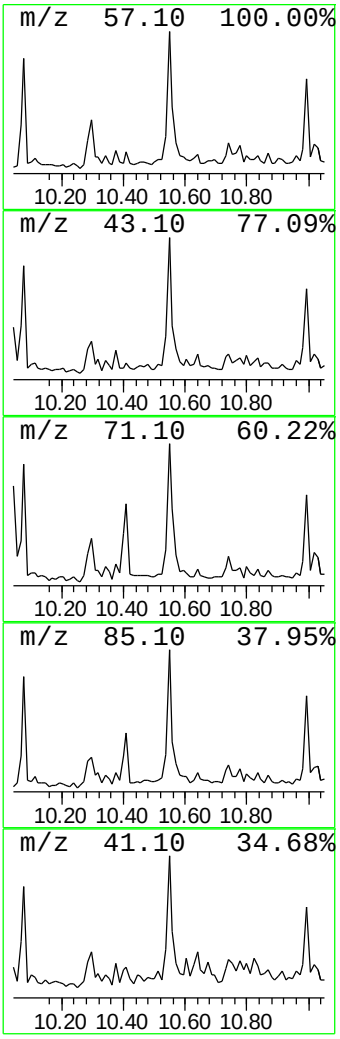
Peak Number 5 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.70 ng	280651	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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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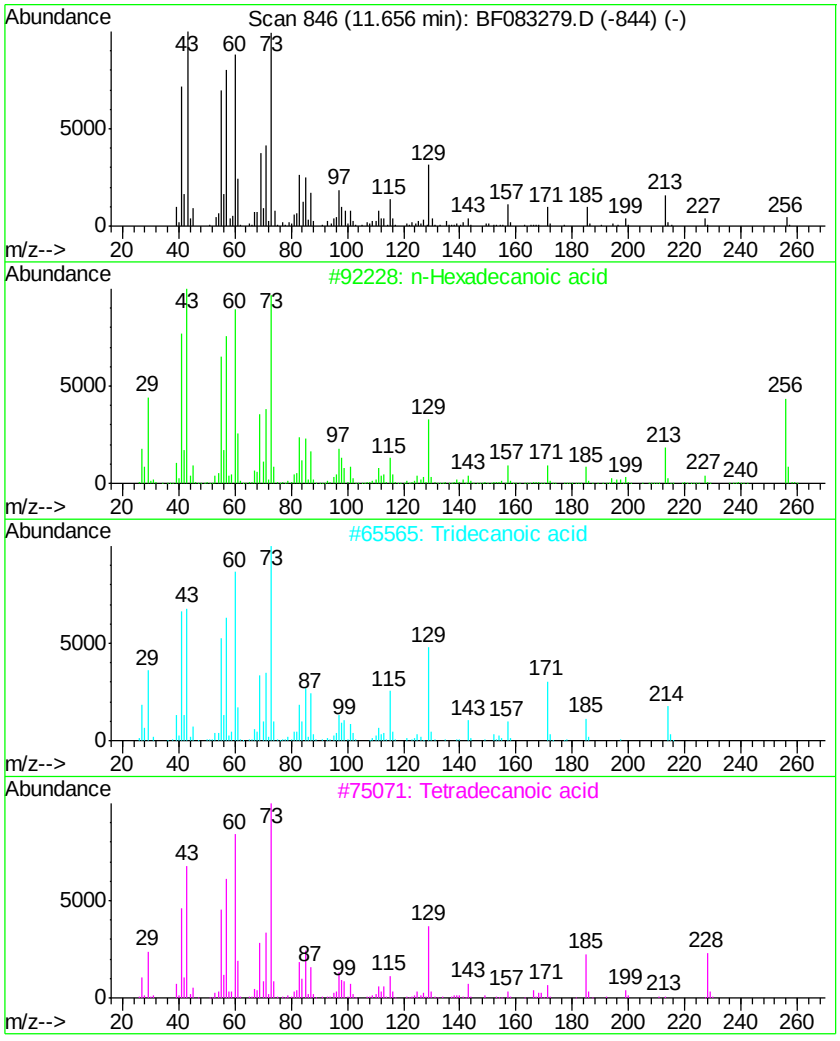
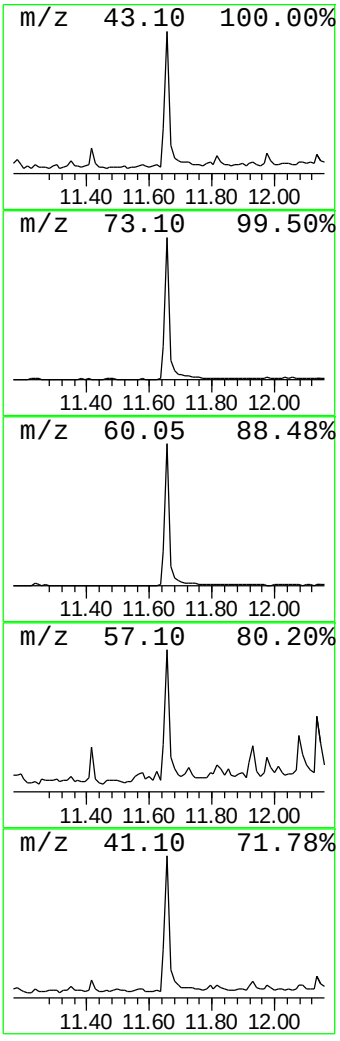
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	11.46 ng	869017	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Hexadecane	226	C16H34	000544-76-3	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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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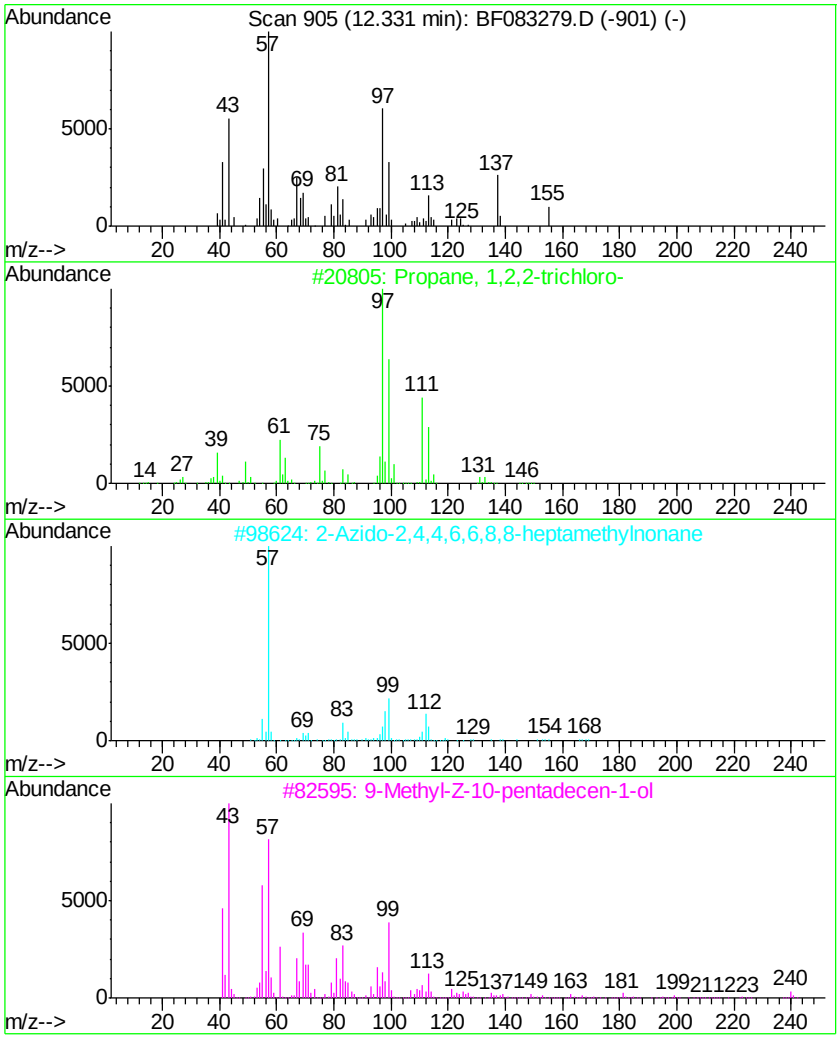
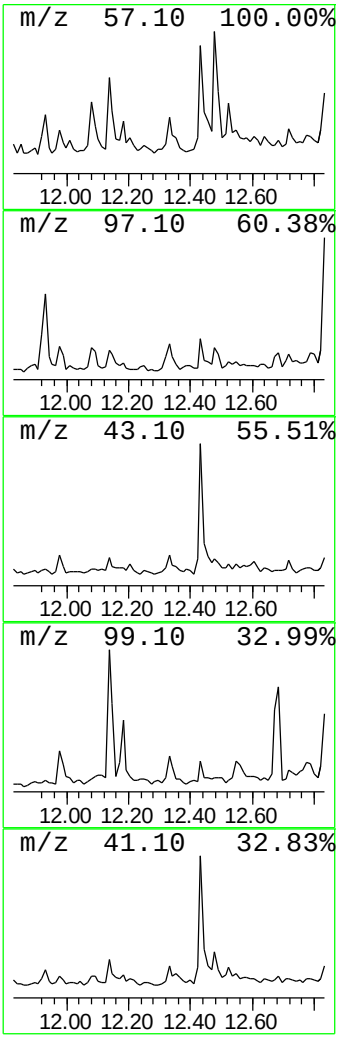
Peak Number 7 unknown12.33 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.87 ng	217900	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,2,2-trichloro-	146	C3H5Cl3	003175-23-3	38
2	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	22
3	9-Methyl-Z-10-pentadecen-1-ol	240	C16H32O	1000131-00-7	22
4	3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	22
5	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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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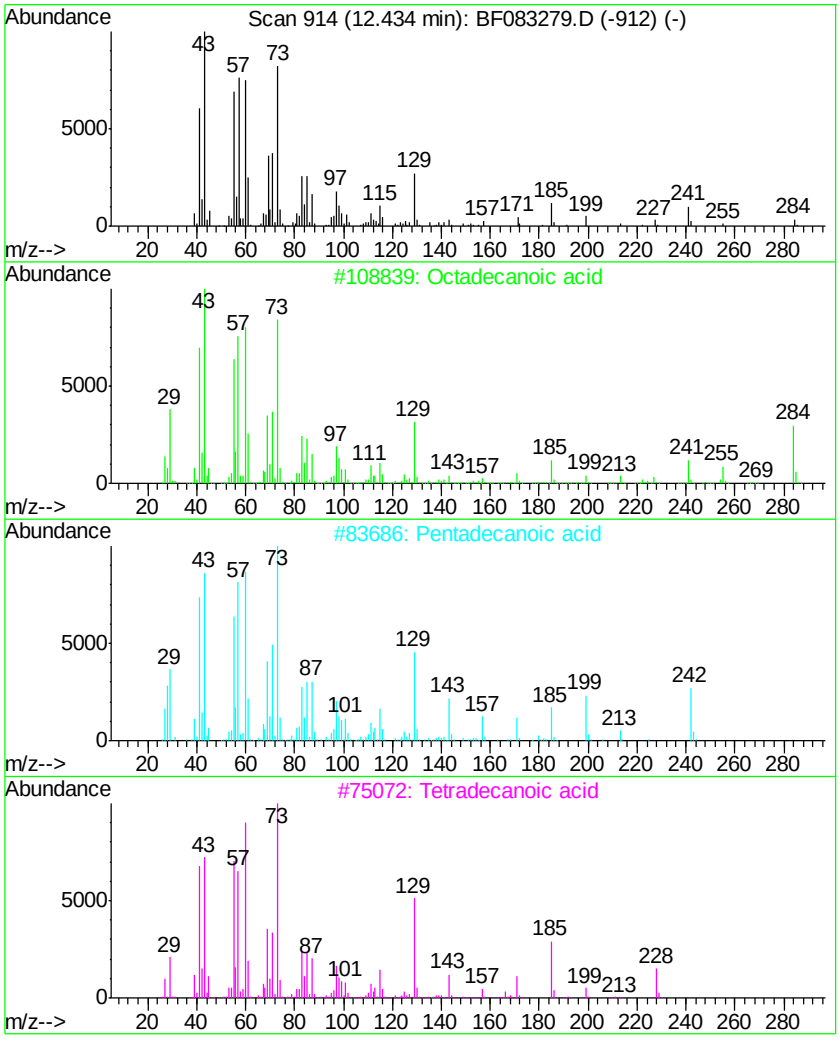
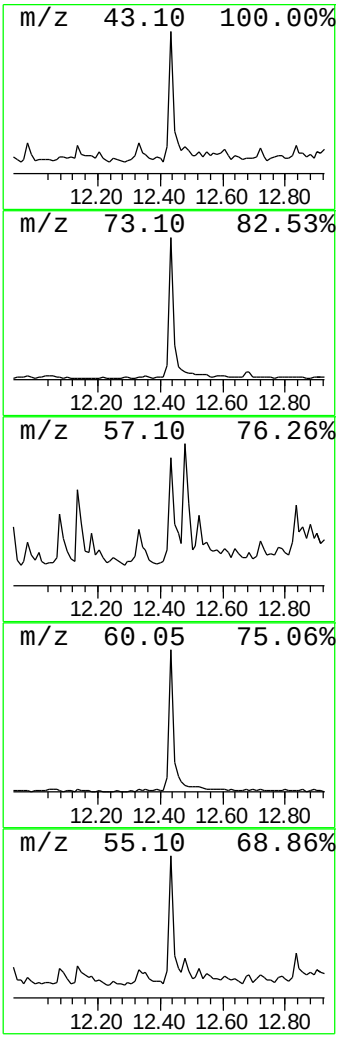
Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	8.33 ng	505959	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Lactose	342	C12H22O11	000063-42-3	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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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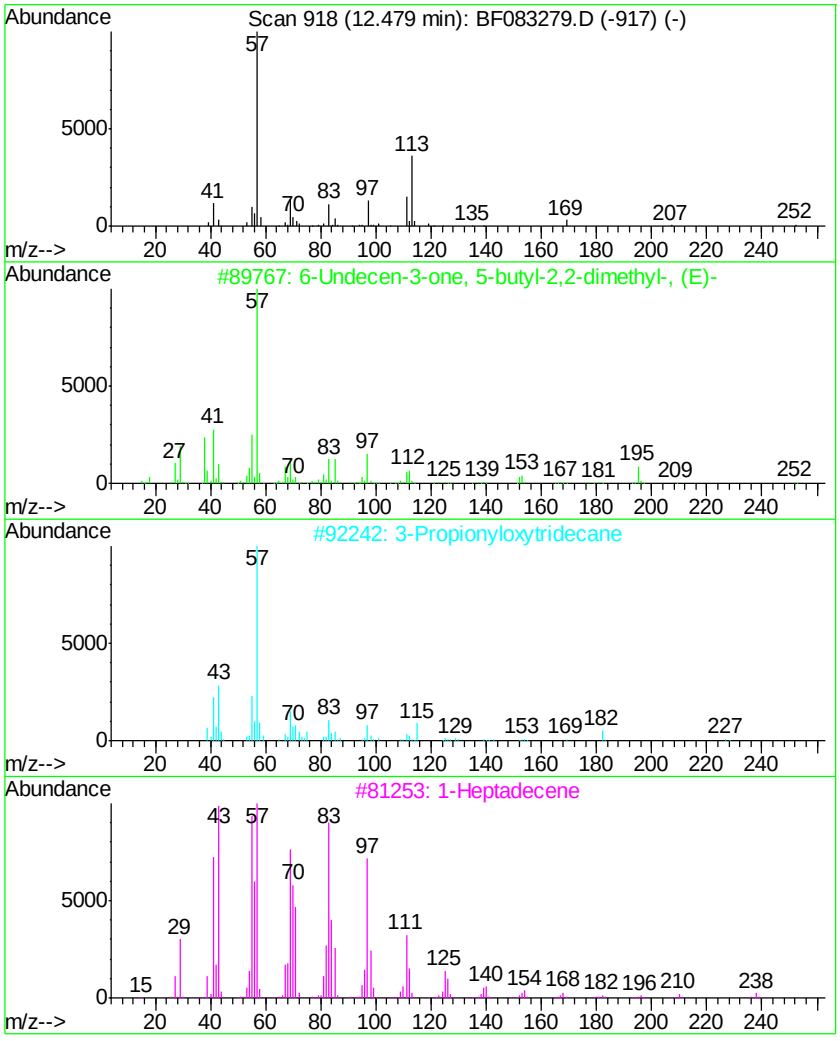
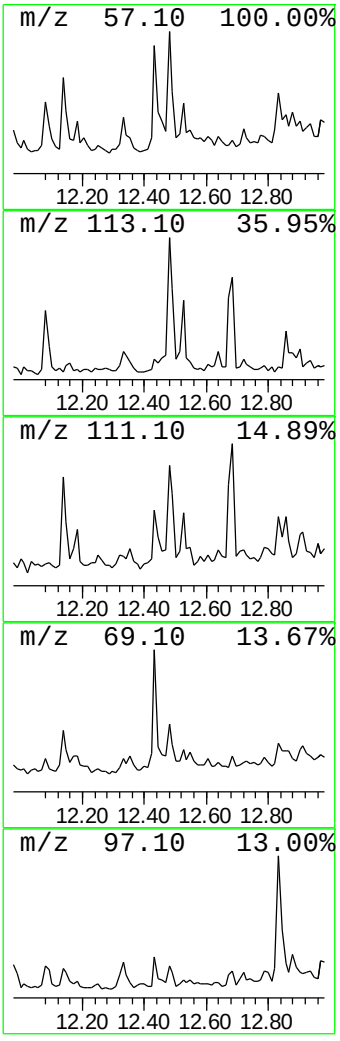
Peak Number 9 unknown12.48 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.52 ng	153306	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Undecen-3-one, 5-butyl-2,2-dim...	252	C17H32O	055976-05-1	33
2	3-Propionyloxytridecane	256	C16H32O2	1000245-62-5	28
3	1-Heptadecene	238	C17H34	006765-39-5	25
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	25
5	4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	25





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Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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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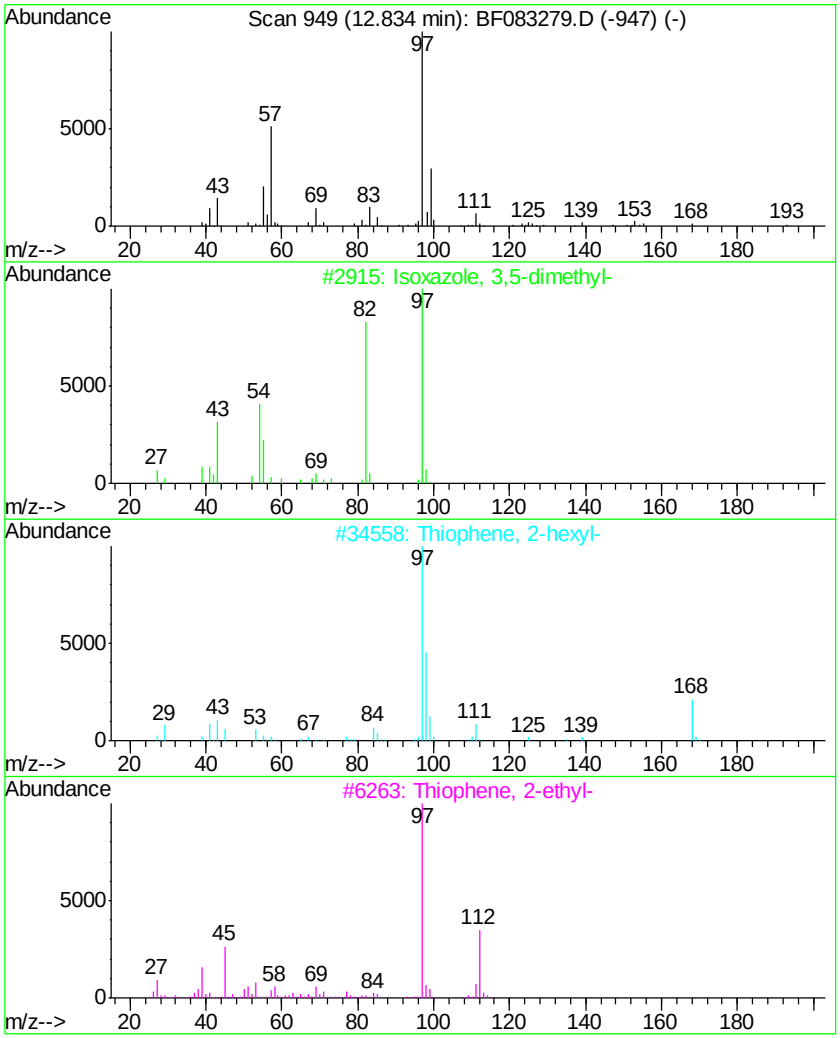
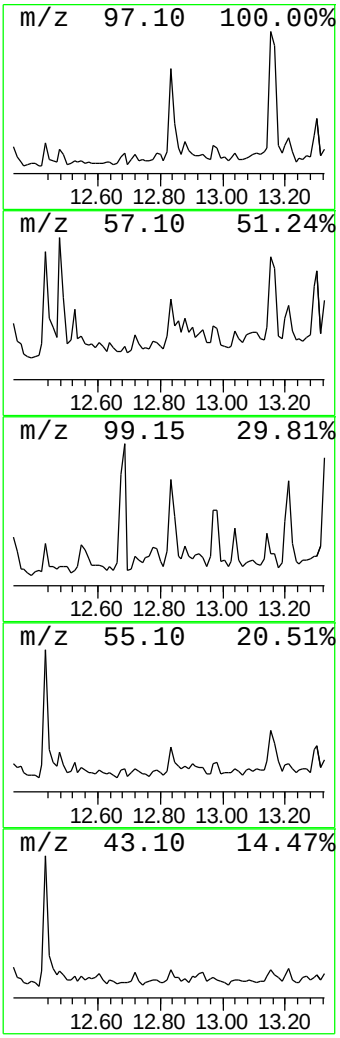
Peak Number 10 Isoxazole, 3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	2.83 ng	172073	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	58
2	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	50
3	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	40
4	3-Butene-1,2-diol, 1-(2-furanyl)-	154	C8H10O3	019261-13-3	38
5	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	33





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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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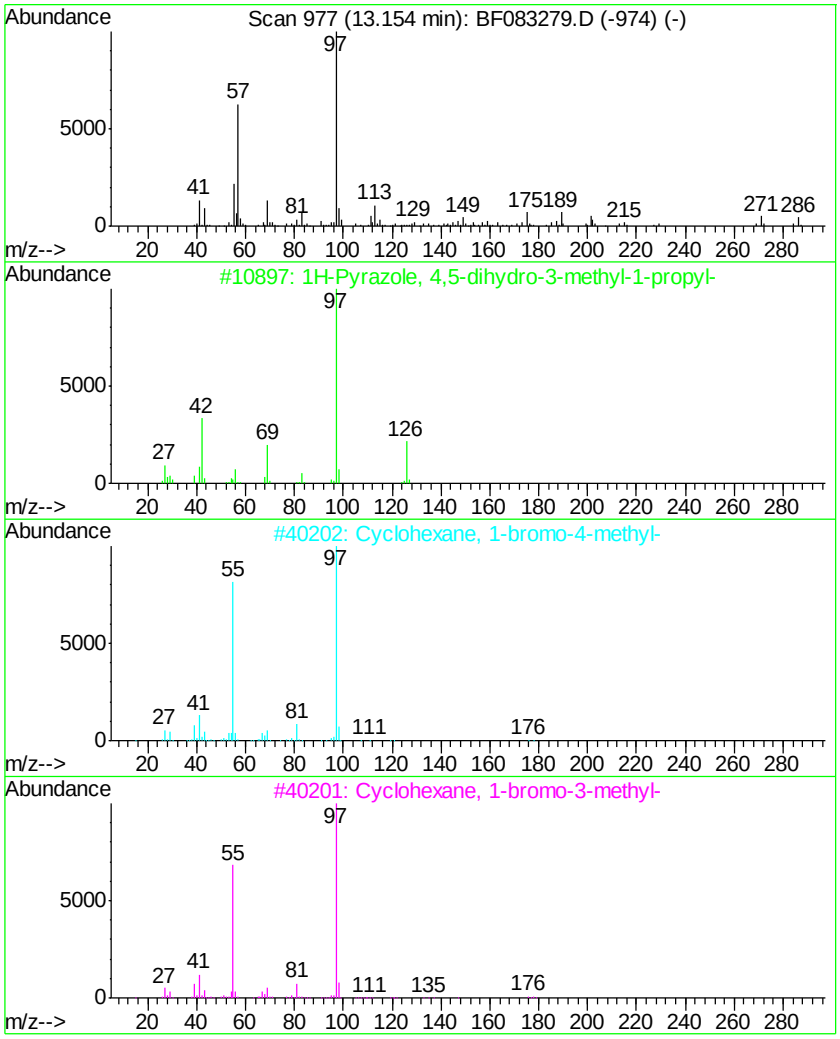
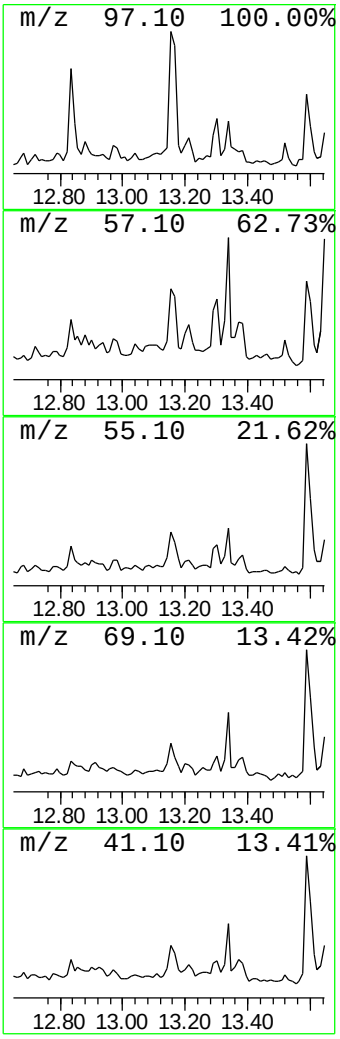
Peak Number 11 1H-Pyrazole, 4,5-dihydro-3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	5.35 ng	324974	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	53
2	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	53
3	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	53
4	4,5-Dihydro-N-phenyl-3-furamide	189	C11H11NO2	065038-85-9	42
5	Methyl 2-thienylacetate	156	C7H8O2S	019432-68-9	42





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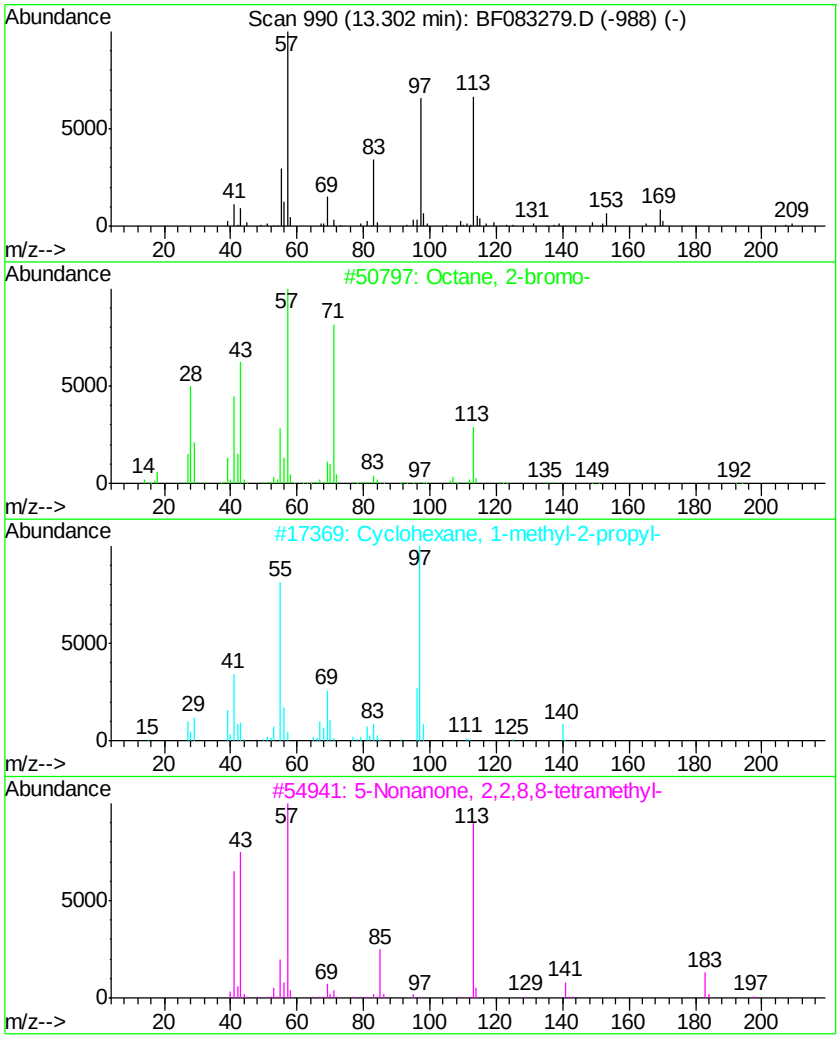
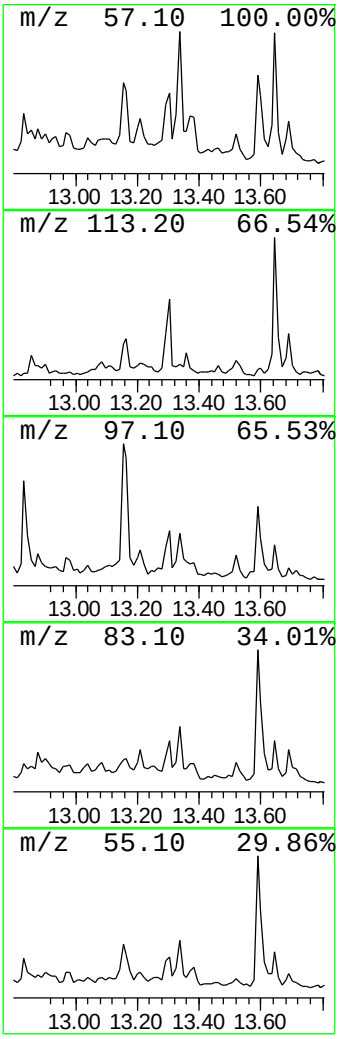
Peak Number 12 unknown13.30 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.45 ng	148672	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	27
3	5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	25
4	3-(4-Methyl-2,5-dioxo-4-imidazol...	186	C7H10N2O4	007511-46-8	16
5	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	16





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TIC Library : C:\DATABASE\NIST02.L
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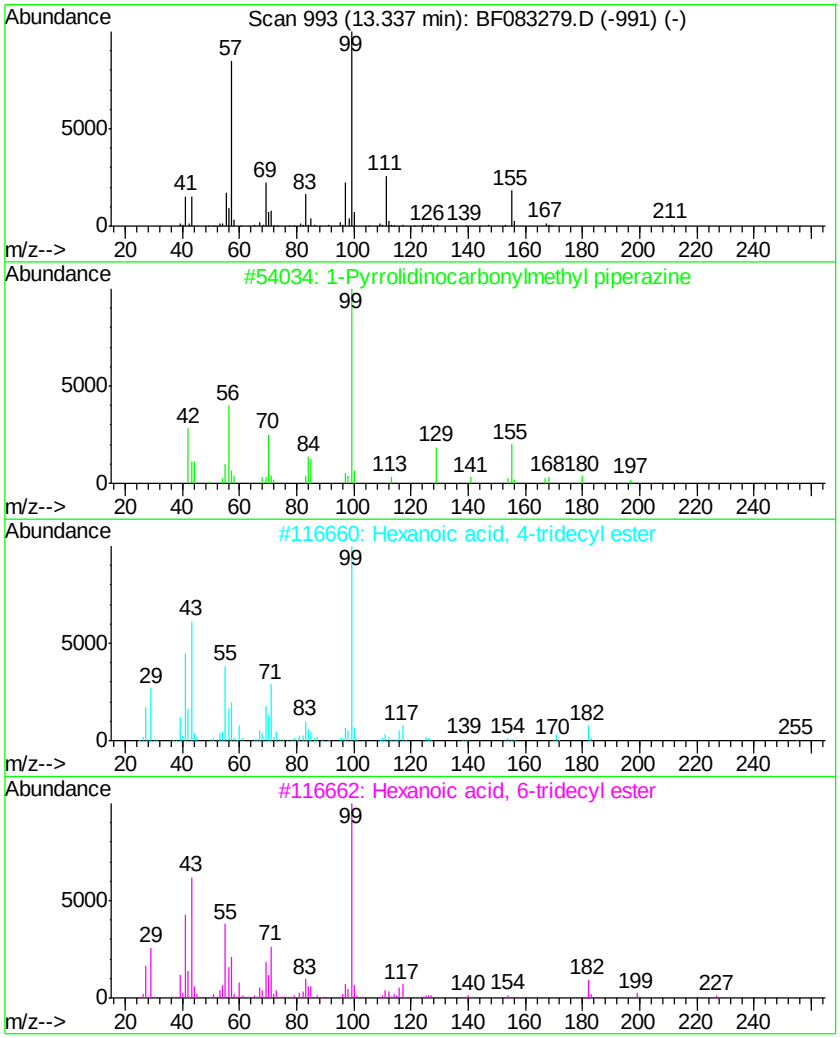
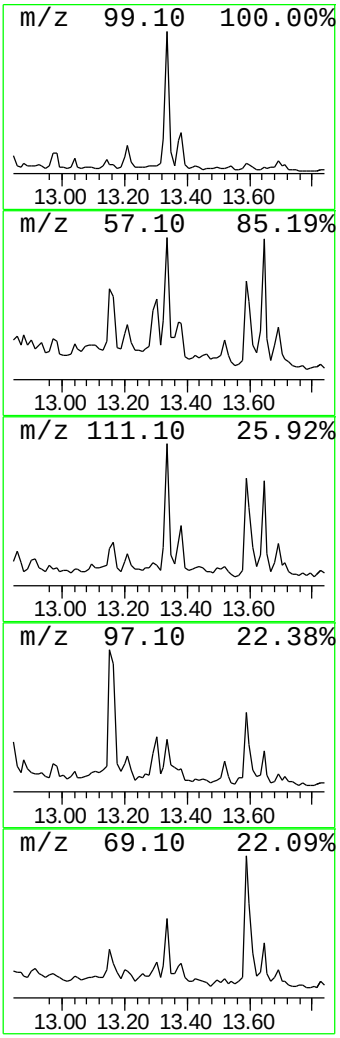
Peak Number 13 unknown13.34 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.91 ng	298122	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	38
2	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	38
3	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	38
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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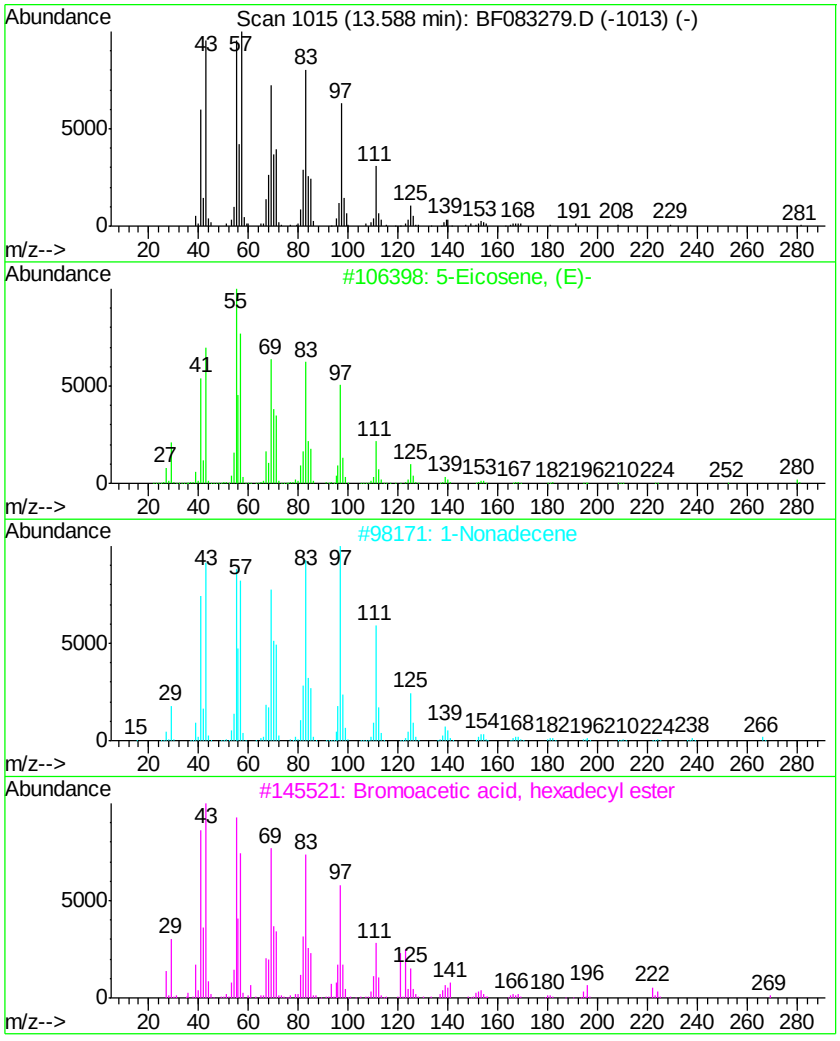
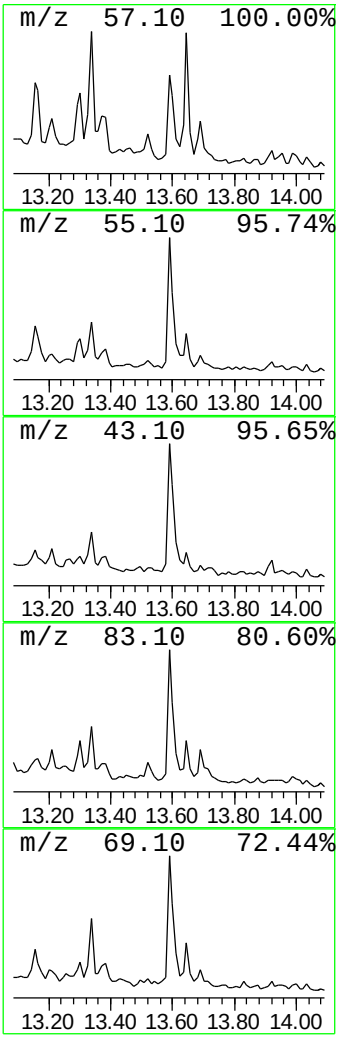
Peak Number 14 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	9.77 ng	593487	Chrysene-d12	13.71

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	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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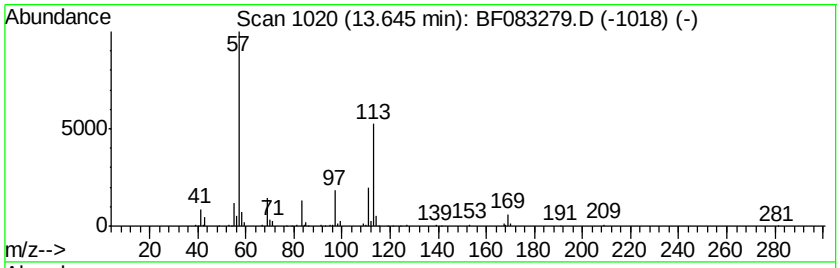
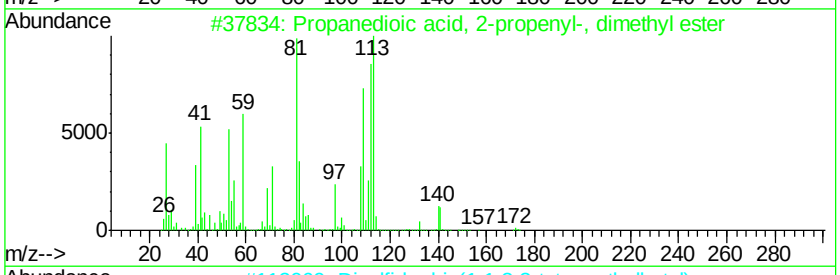
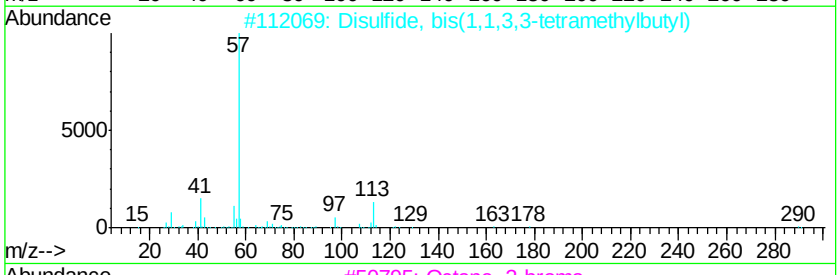
Peak Number 15 unknown13.65 Concentration Rank 14

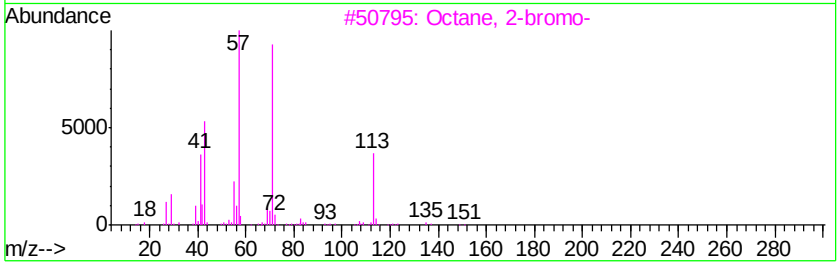
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.27 ng	198809	Chrysene-d12	13.71

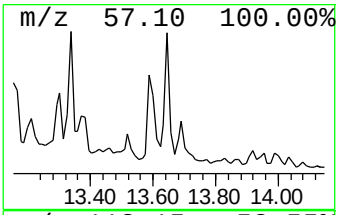
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	49
2	Disulfide, bis(1,1,3,3-tetrameth...	290	C16H34S2	029956-99-8	38
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	28
4	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	25
5	Methyl 4-oxo-2-pentenoate	128	C6H8O3	004188-88-9	23

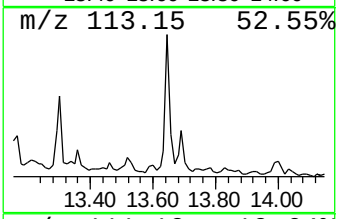


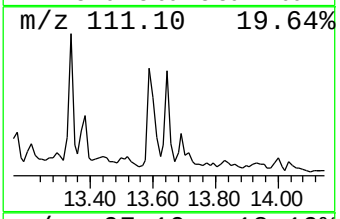


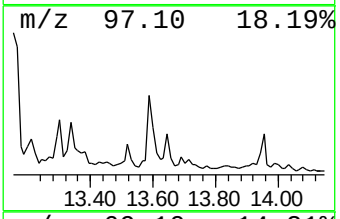


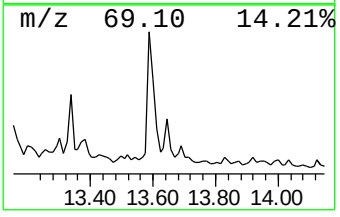












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Operator : UM/IZ
Sample : G4559-03
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Instrument : BNA_F
ClientSampleId : P001-BF003-02

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

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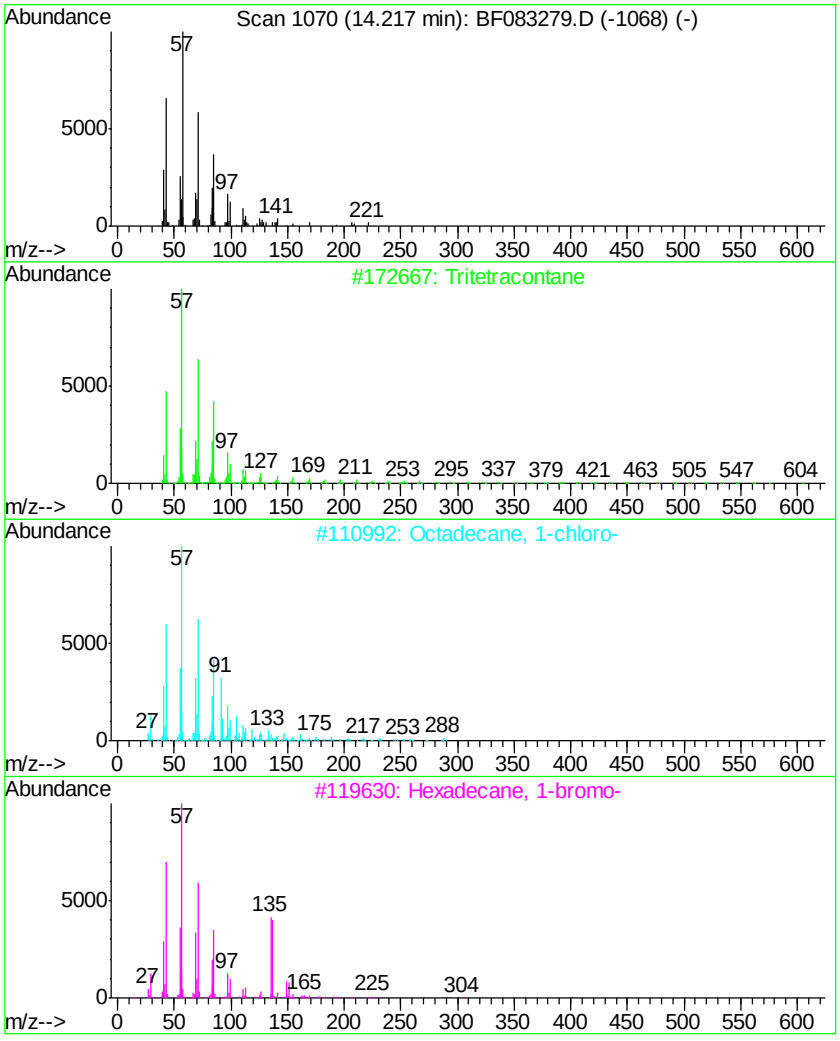
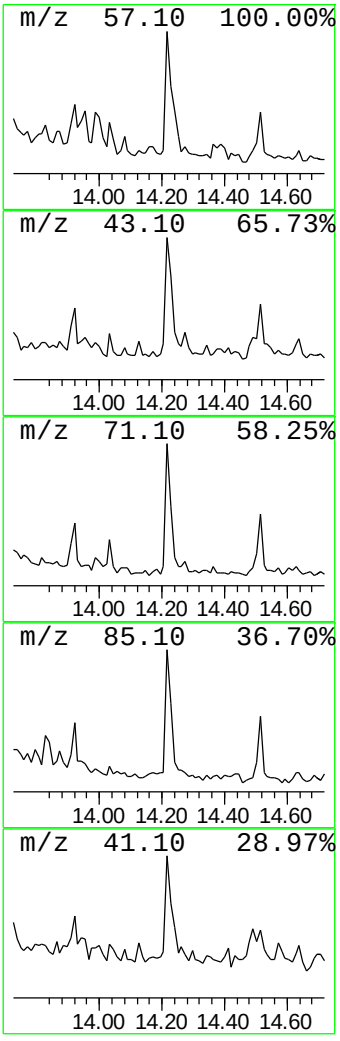
Peak Number 16 Tritetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.16 ng	191847	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
3	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	80
4	Heptacosane	380	C27H56	000593-49-7	64
5	Tetradecane	198	C14H30	000629-59-4	58





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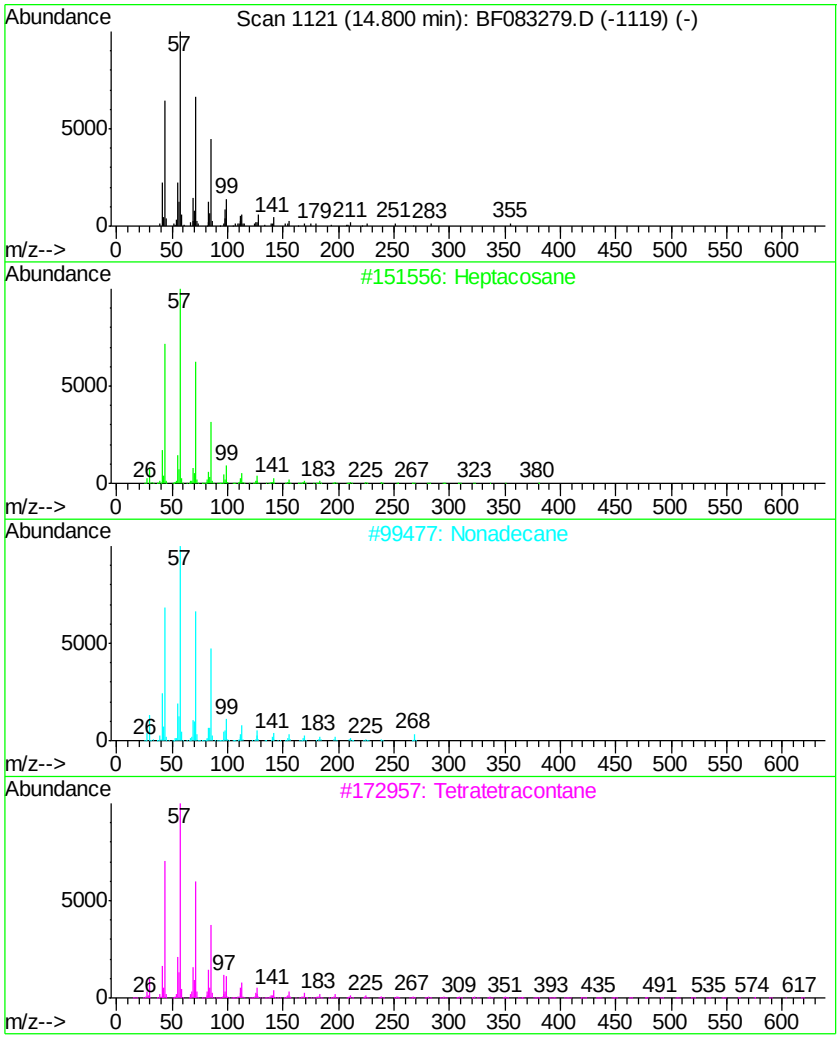
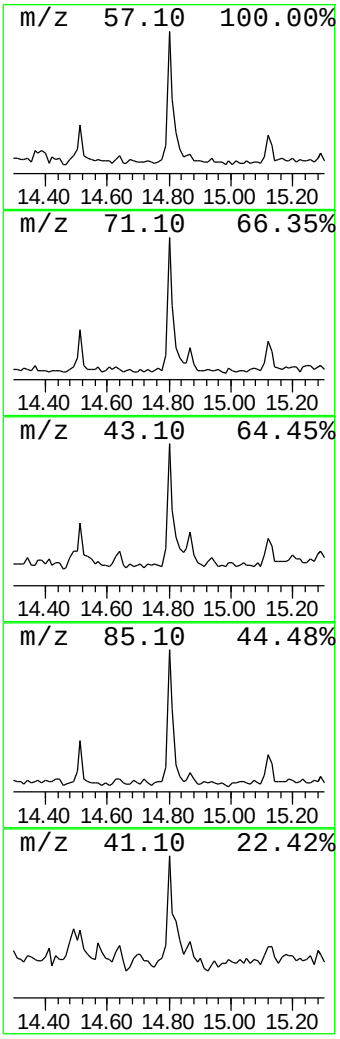
Peak Number 17 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.09 ng	200450	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Docosane	310	C22H46	000629-97-0	90





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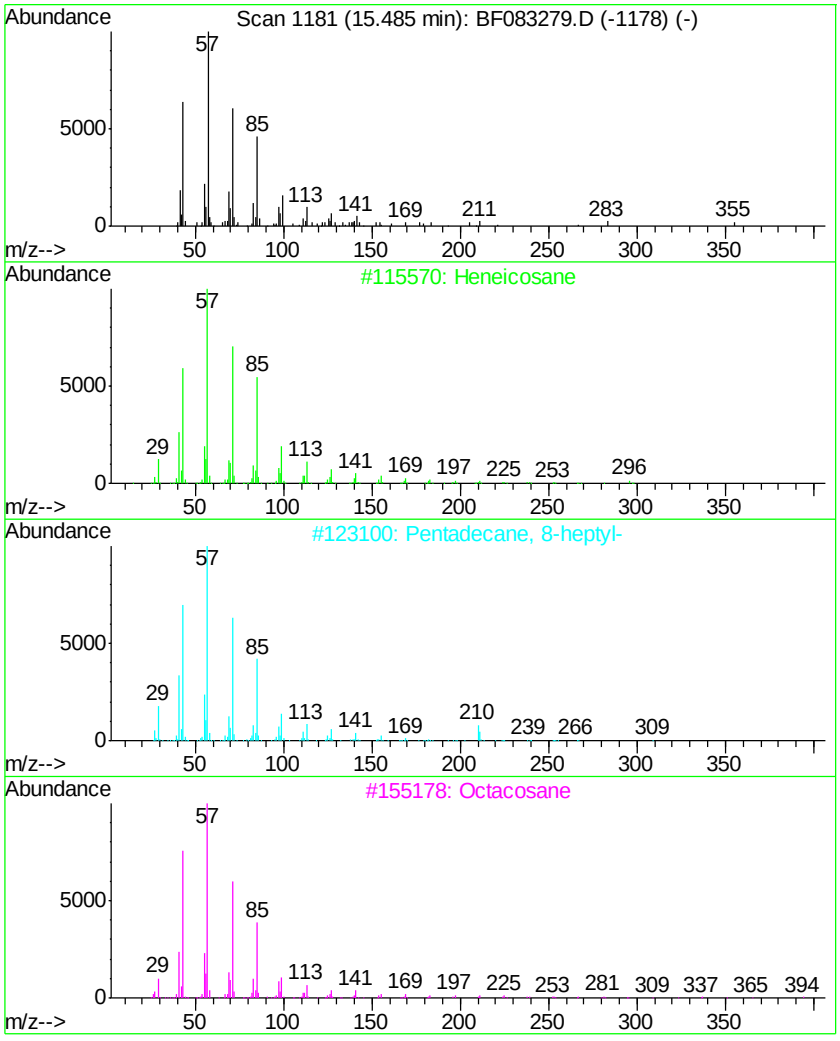
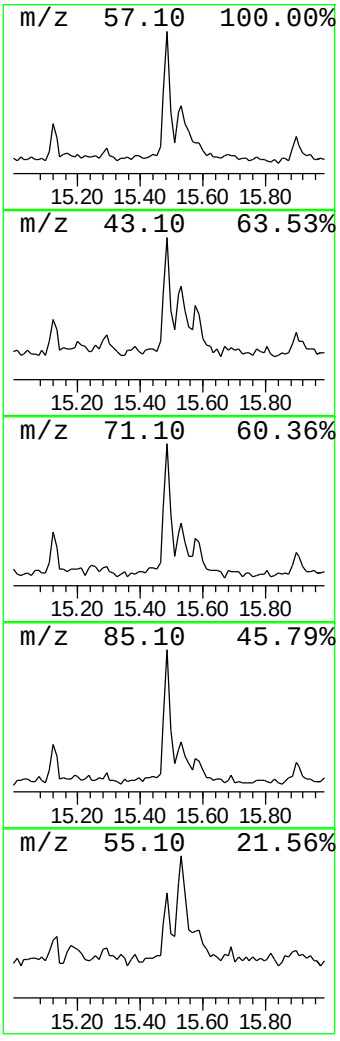
Peak Number 18 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.82 ng	138300	Perylene-d12	15.06

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





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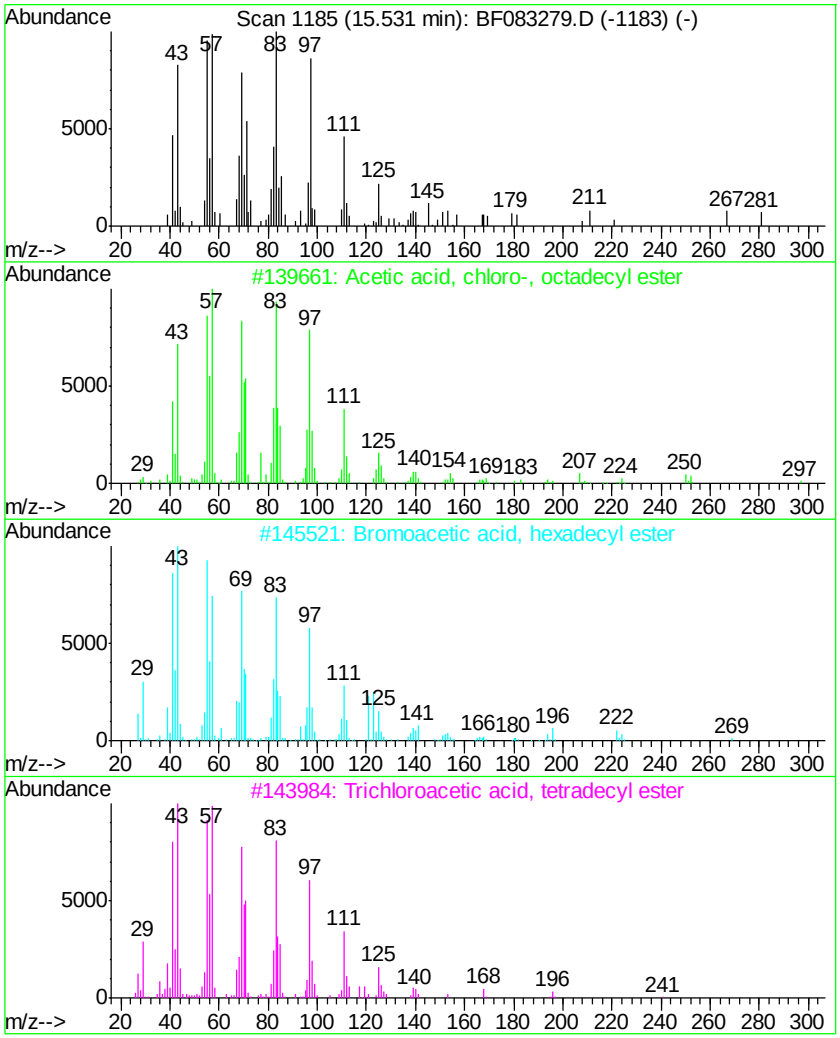
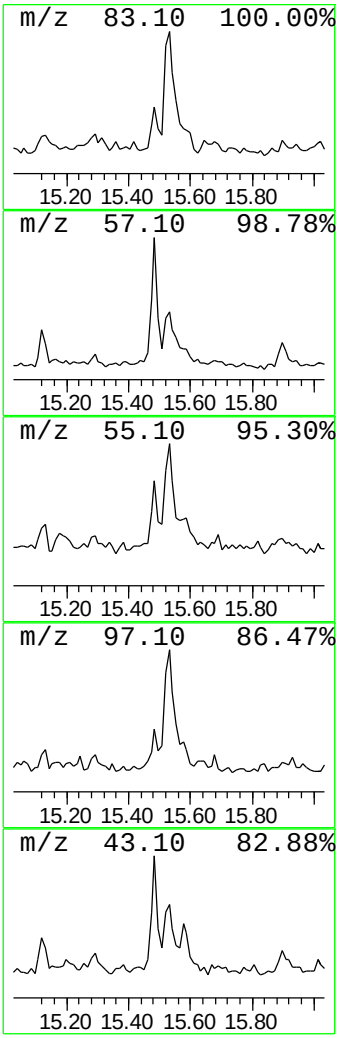
Peak Number 19 Acetic acid, chloro-, octad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	3.55 ng	174254	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	86
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	80
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	80
4	Cycloeicosane	280	C20H40	000296-56-0	64
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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

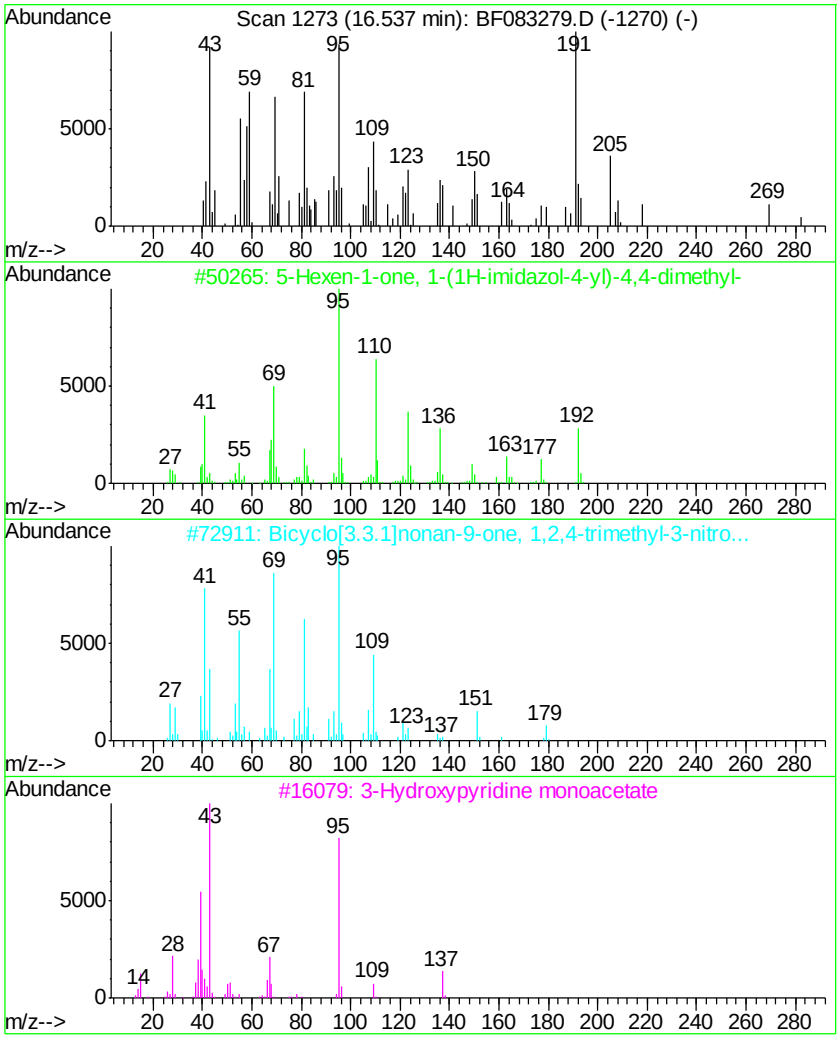
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

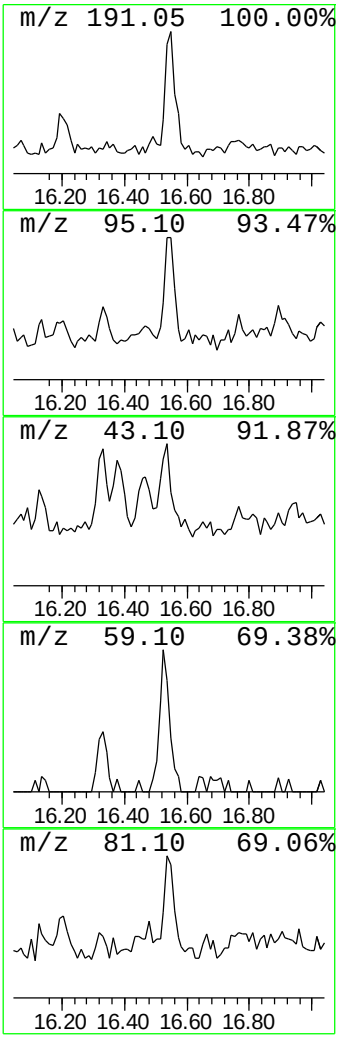
****

Peak Number 20 unknown16.54 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.28 ng	160674	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	25
2	Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	22
3	3-Hydroxypyridine monoacetate	137	C7H7NO2	017747-43-2	18
4	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	15
5	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083279.D
Acq On : 25 Nov 2015 17:54
Operator : UM/IZ
Sample : G4559-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF003-02

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	33.9	ng	1682250	1	6.58	991870	20.0
unknown6.36	6.36	89.7	ng	4449440	1	6.58	991870	20.0
Hexanoic acid, 2-...	7.30	3.3	ng	210672	2	7.87	1274410	20.0
Heptadecane	10.55	3.7	ng	280651	4	11.10	1516620	20.0
n-Hexadecanoic acid	11.66	11.5	ng	869017	4	11.10	1516620	20.0
unknown12.33	12.33	2.9	ng	217900	4	11.10	1516620	20.0
Octadecanoic acid	12.43	8.3	ng	505959	5	13.71	1214740	20.0
unknown12.48	12.48	2.5	ng	153306	5	13.71	1214740	20.0
Isoxazole, 3,5-di...	12.83	2.8	ng	172073	5	13.71	1214740	20.0
1H-Pyrazole, 4,5-...	13.15	5.3	ng	324974	5	13.71	1214740	20.0
unknown13.30	13.30	2.5	ng	148672	5	13.71	1214740	20.0
unknown13.34	13.34	4.9	ng	298122	5	13.71	1214740	20.0
5-Eicosene, (E)-	13.59	9.8	ng	593487	5	13.71	1214740	20.0
unknown13.65	13.65	3.3	ng	198809	5	13.71	1214740	20.0
Tritetracontane	14.22	3.2	ng	191847	5	13.71	1214740	20.0
Heptacosane	14.80	4.1	ng	200450	6	15.06	980806	20.0
Heneicosane	15.49	2.8	ng	138300	6	15.06	980806	20.0
Acetic acid, chlo...	15.53	3.5	ng	174254	6	15.06	980806	20.0
unknown16.54	16.54	3.3	ng	160674	6	15.06	980806	20.0