LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082201.D
Acq On : 11 Oct 2015 3:41
Operator : UM/IZ
Sample : G3959-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-004

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-BF101015.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	4.480	203	205	209	rBV	62775	76479	2.40%	0.242%
2	5.006	249	251	263	rVB	266957	329768	10.35%	1.042%
3	5.428	286	288	291	rBV	1052945	998445	31.32%	3.154%
4	6.469	376	379	381	rBV	649159	653043	20.49%	2.063%
5	6.606	388	391	393	rBV	2044670	2109896	66.19%	6.665%
6	6.834	409	411	414	rBV	625739	570677	17.90%	1.803%
7	6.994	422	425	427	rBV	2218359	2163037	67.86%	6.833%
8	7.406	457	461	464	rBV	1350878	1592807	49.97%	5.032%
9	8.126	521	524	526	rBV	765529	776018	24.34%	2.452%
10	8.343	541	543	547	rBV2	18949	34499	1.08%	0.109%
11	9.200	615	618	621	rVV	2310123	3187675	100.00%	10.070%
12	9.315	626	628	630	rVV	33841	38721	1.21%	0.122%
13	9.600	650	653	655	rBV	404950	370022	11.61%	1.169%
14	9.692	659	661	665	rBV2	22605	41551	1.30%	0.131%
15	9.875	675	677	680	rBV	695103	885404	27.78%	2.797%
16	10.092	693	696	698	rBV	117711	116705	3.66%	0.369%
17	10.263	709	711	712	rBV	29180	35201	1.10%	0.111%
18	10.309	713	715	716	rVB2	56203	57387	1.80%	0.181%
19	10.526	731	734	737	rBV3	63469	96593	3.03%	0.305%
20	10.675	744	747	749	rVV	1654544	1921640	60.28%	6.071%
21	10.732	750	752	755	rVV	163967	200199	6.28%	0.632%
22	10.778	755	756	759	rVV	93372	116890	3.67%	0.369%
23	10.823	759	760	763	rVB	46051	61756	1.94%	0.195%
24	11.223	793	795	797	rBV	73796	83589	2.62%	0.264%
25	11.361	805	807	810	rBV	767032	864384	27.12%	2.731%
26	11.463	814	816	818	rVV	40312	52896	1.66%	0.167%
27	11.498	818	819	824	rVB3	18853	47640	1.49%	0.151%
28	11.658	830	833	834	rBV	35021	44441	1.39%	0.140%
29	11.749	839	841	843	rVB	38854	33060	1.04%	0.104%
30	11.898	851	854	858	rBV	382398	466151	14.62%	1.473%
31	11.966	858	860	864	rVV	212470	228852	7.18%	0.723%
32	12.526	905	909	911	rBV3	18727	53023	1.66%	0.168%
33	12.606	911	916	920	rVV3	76063	271833	8.53%	0.859%
34	12.686	920	923	929	rVV	237278	360118	11.30%	1.138%

LSC Area Percent Report

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.766	929	930	934	rVV4	52981	111057	3.48%	0.351%
36	12.846	936	937	939	rVB	70292	54567	1.71%	0.172%
37	12.961	944	947	949	rBV	2301532	3003830	94.23%	9.489%
38	13.441	986	989	991	rBV3	78713	112401	3.53%	0.355%
39	13.475	991	992	993	rVV	42222	38037	1.19%	0.120%
40	13.521	993	996	997	rVV2	67498	115182	3.61%	0.364%
41	13.555	997	999	1004	rVB3	91133	186396	5.85%	0.589%
42	13.784	1017	1019	1020	rBV	38519	37784	1.19%	0.119%
43	13.806	1020	1021	1023	rVV	116204	138514	4.35%	0.438%
44	13.852	1023	1025	1031	rVB	193552	245459	7.70%	0.775%
45	14.001	1035	1038	1041	rVV	664136	921302	28.90%	2.911%
46	14.092	1045	1046	1050	rVV	38399	55228	1.73%	0.174%
47	14.161	1050	1052	1057	rVB	62588	89500	2.81%	0.283%
48	14.424	1070	1075	1078	rBV	72911	172754	5.42%	0.546%
49	14.469	1078	1079	1080	rBV	57684	41870	1.31%	0.132%
50	14.629	1091	1093	1096	rBV	25011	34947	1.10%	0.110%
51	14.675	1096	1097	1102	rVB3	24791	34198	1.07%	0.108%
52	14.767	1102	1105	1107	rBV2	58997	78597	2.47%	0.248%
53	14.847	1110	1112	1114	rBV2	26815	45471	1.43%	0.144%
54	15.098	1131	1134	1136	rBV2	41505	86791	2.72%	0.274%
55	15.212	1142	1144	1146	rVB	27276	37013	1.16%	0.117%
56	15.292	1149	1151	1154	rVV	65504	127912	4.01%	0.404%
57	15.338	1154	1155	1158	rVV	73660	91896	2.88%	0.290%
58	15.441	1161	1164	1170	rVB	473547	649672	20.38%	2.052%
59	15.635	1178	1181	1182	rBV	28608	42147	1.32%	0.133%
60	15.670	1182	1184	1188	rVV4	21227	43439	1.36%	0.137%
61	15.738	1188	1190	1192	rVV	40688	54985	1.72%	0.174%
62	15.784	1192	1194	1196	rVV	78364	117415	3.68%	0.371%
63	15.830	1196	1198	1201	rVV2	168085	418840	13.14%	1.323%
64	15.932	1204	1207	1210	rVV2	160335	426640	13.38%	1.348%
65	15.990	1210	1212	1217	rVV	138217	300590	9.43%	0.950%
66	16.115	1219	1223	1229	rVV	1138565	2134786	66.97%	6.744%
67	16.195	1229	1230	1232	rVV2	50530	84877	2.66%	0.268%
68	16.241	1232	1234	1236	rVV	45192	97383	3.05%	0.308%
69	16.298	1236	1239	1242	rVV	124844	422320	13.25%	1.334%
70	16.424	1246	1250	1253	rVV3	106366	368069	11.55%	1.163%
71	16.492	1253	1256	1264	rVV	102359	305740	9.59%	0.966%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : PO-004

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.630	1264	1268	1282	rVB	516267	1229803	38.58%	3.885%
73	17.395	1330	1335	1340	rBV6	20878	59785	1.88%	0.189%
74	18.253	1404	1410	1412	rBV5	8932	32489	1.02%	0.103%
75	20.664	1615	1621	1627	rBV5	18002	64194	2.01%	0.203%

Sum of corrected areas: 31654280

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BNA_F
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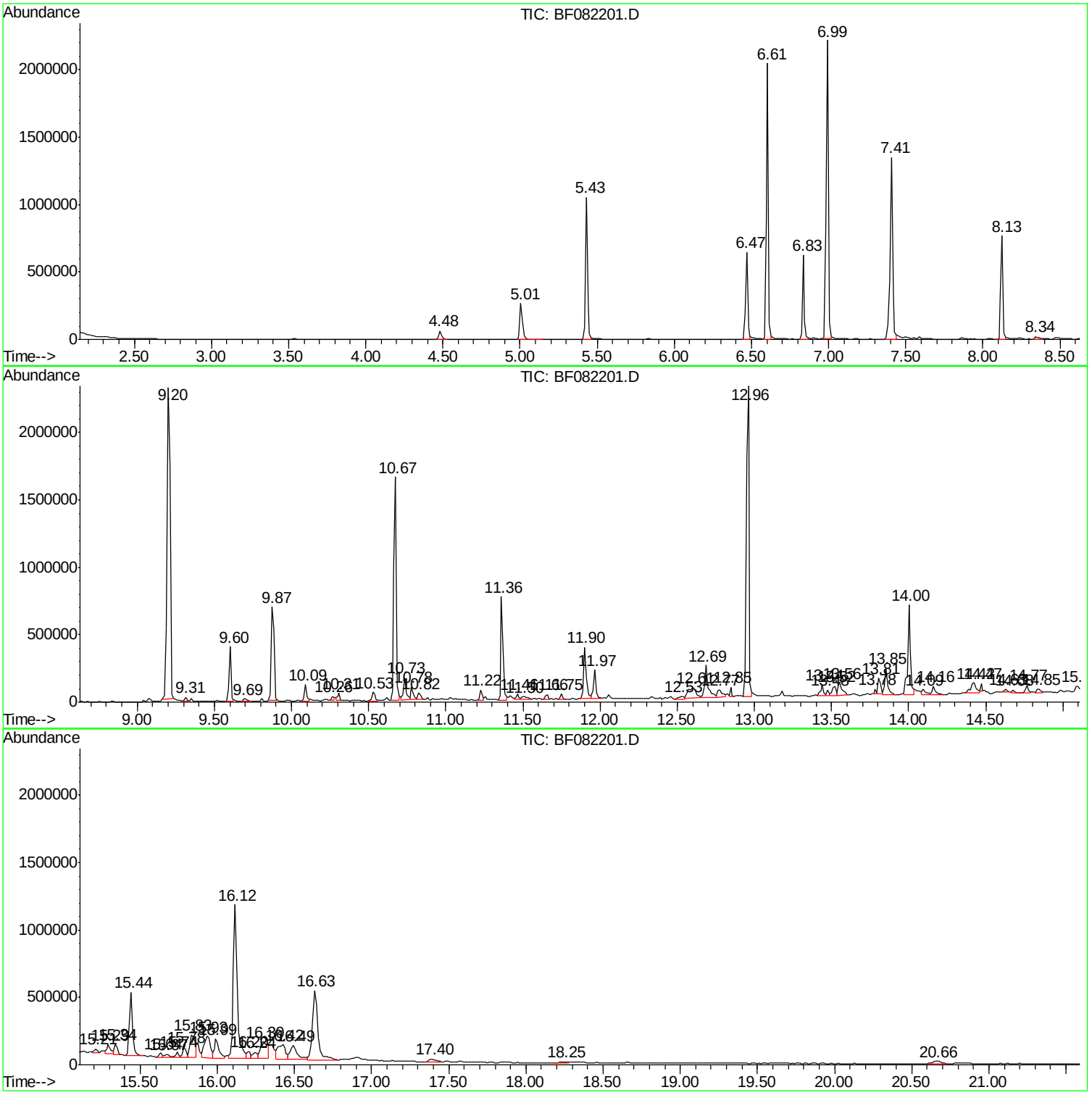
PO-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101015\
Data File : BF082201.D
Acq On : 11 Oct 2015 3:41
Operator : UM/IZ
Sample : G3959-03
Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

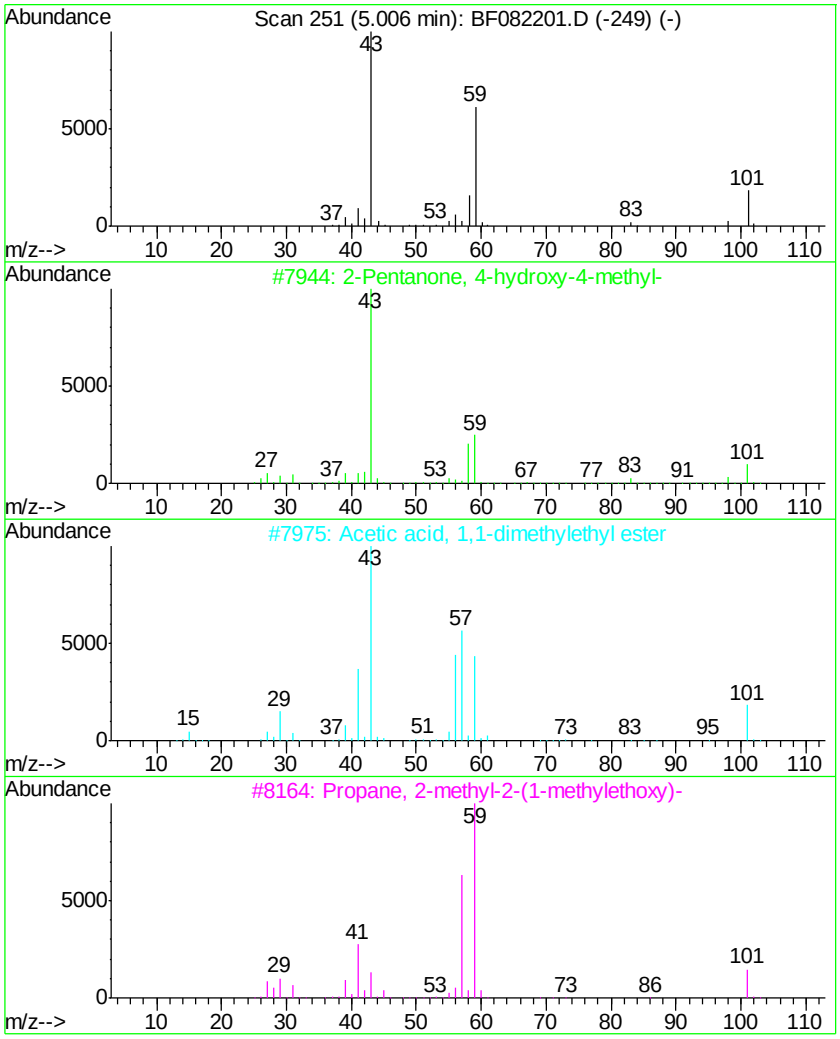
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

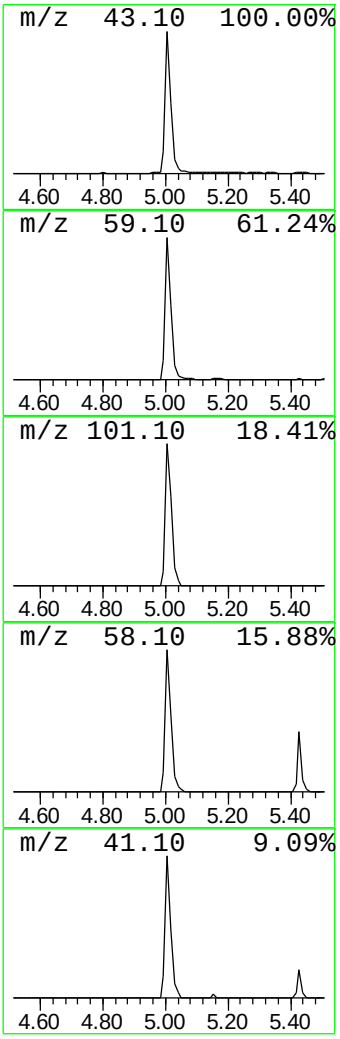
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	11.56 ng	329768	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Acq On : 11 Oct 2015 3:41
Operator : UM/IZ
Sample : G3959-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PO-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

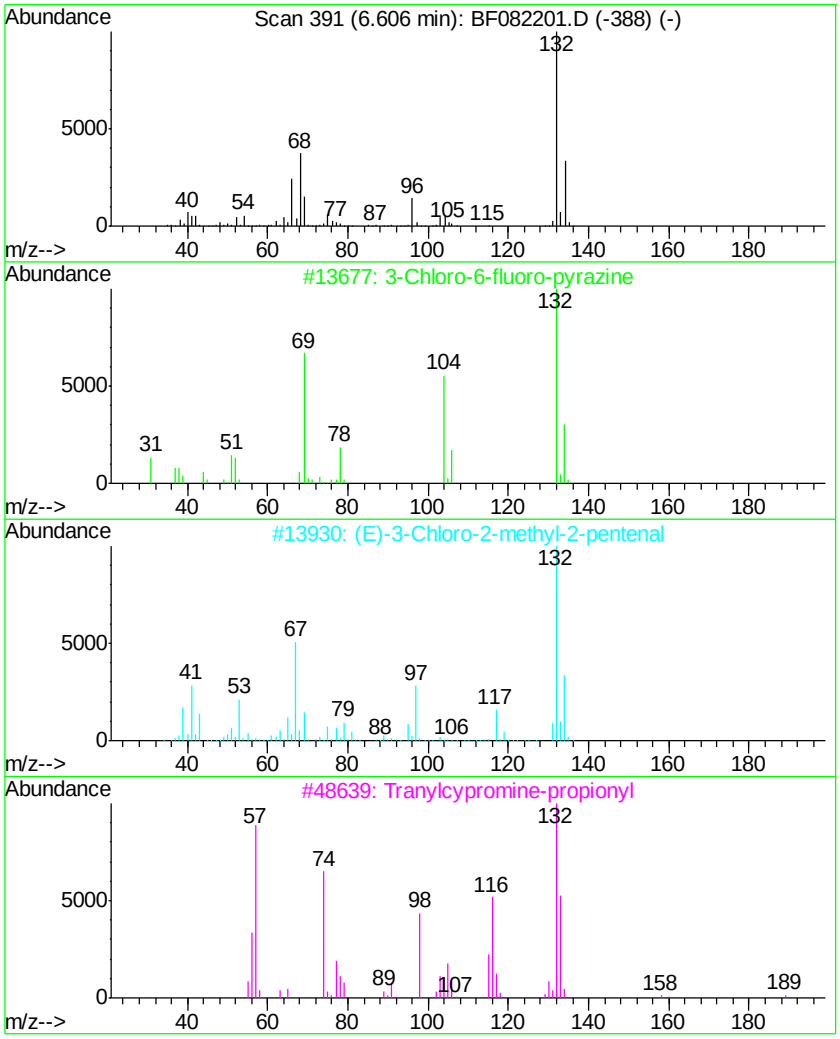
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

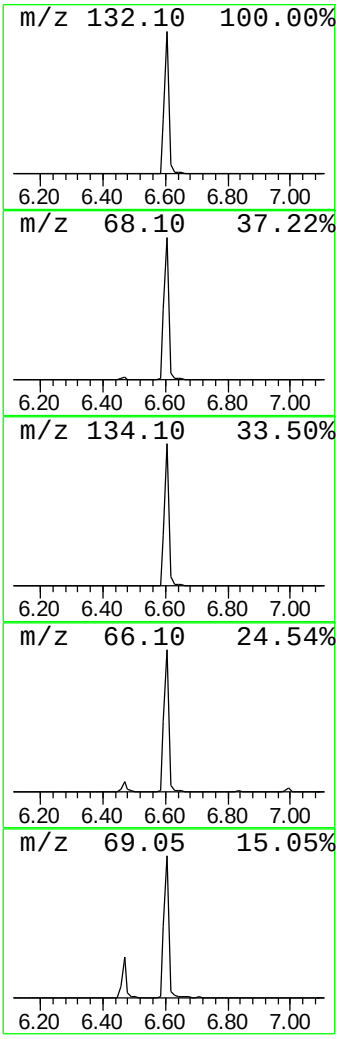
****

Peak Number 2 unknown6.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	73.94 ng	2109900	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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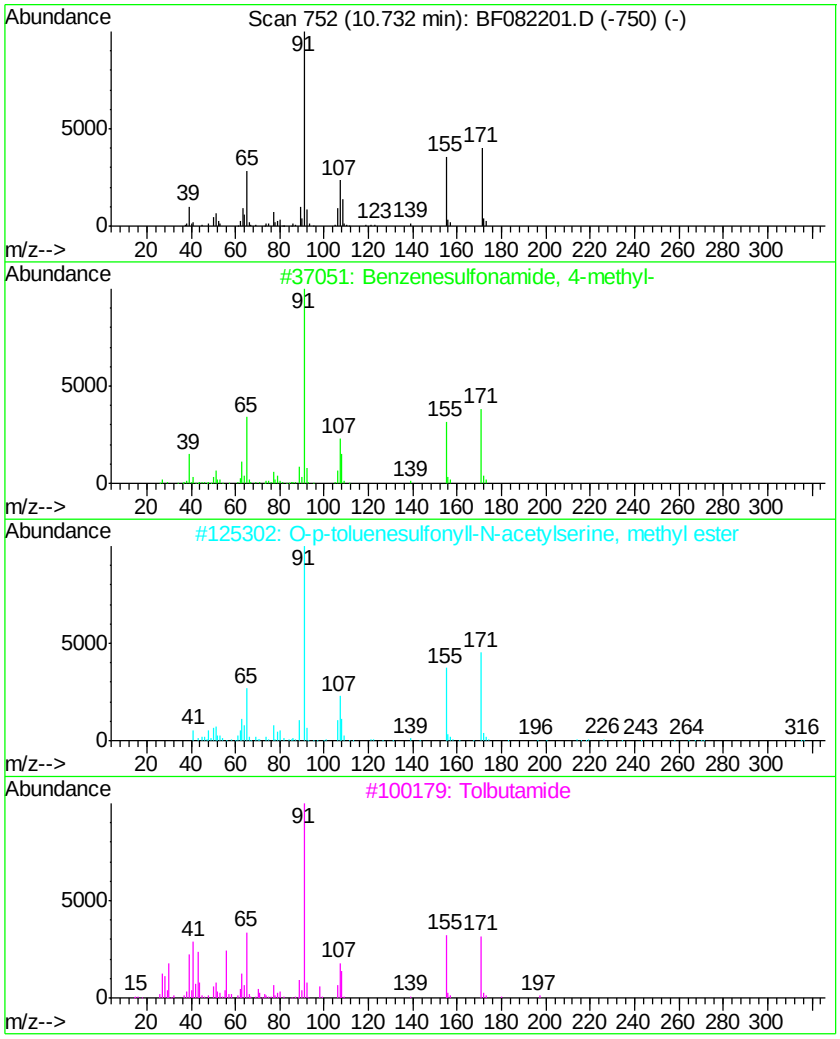
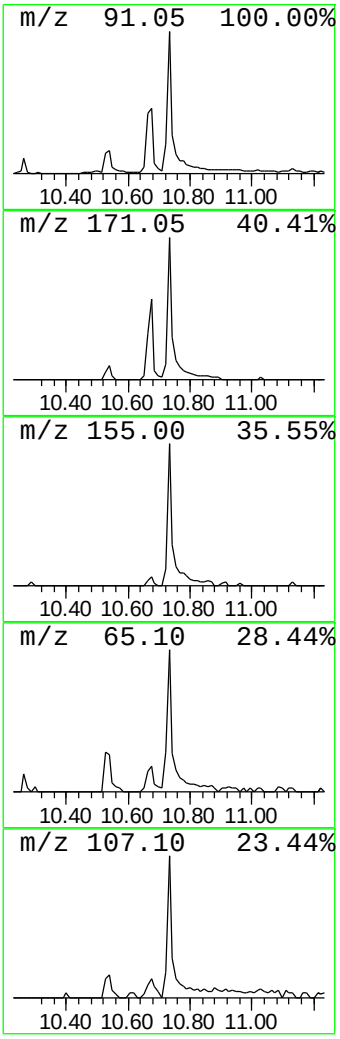
Peak Number 4 Benzenesulfonamide, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	4.63 ng	200199	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	91
3	Tolbutamide	270	C12H18N2O3S	000064-77-7	83
4	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	72
5	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	35





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Sample : G3959-03
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ClientSampleId : PO-004

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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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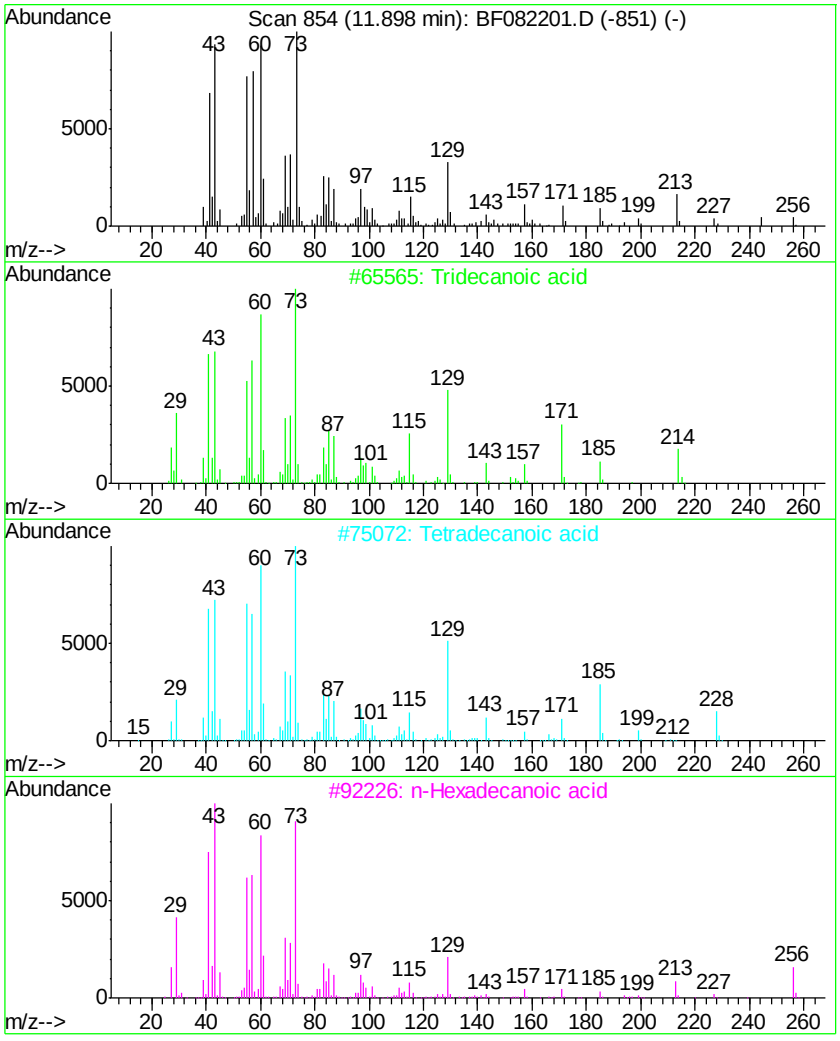
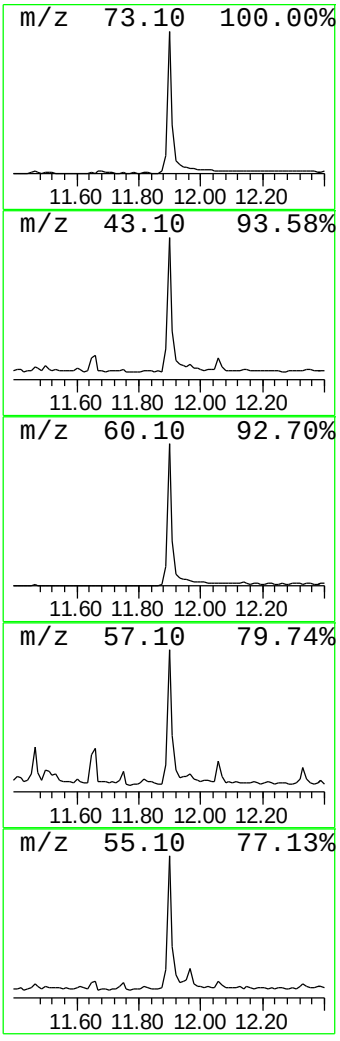
Peak Number 5 Tridecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	10.79 ng	466151	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	74





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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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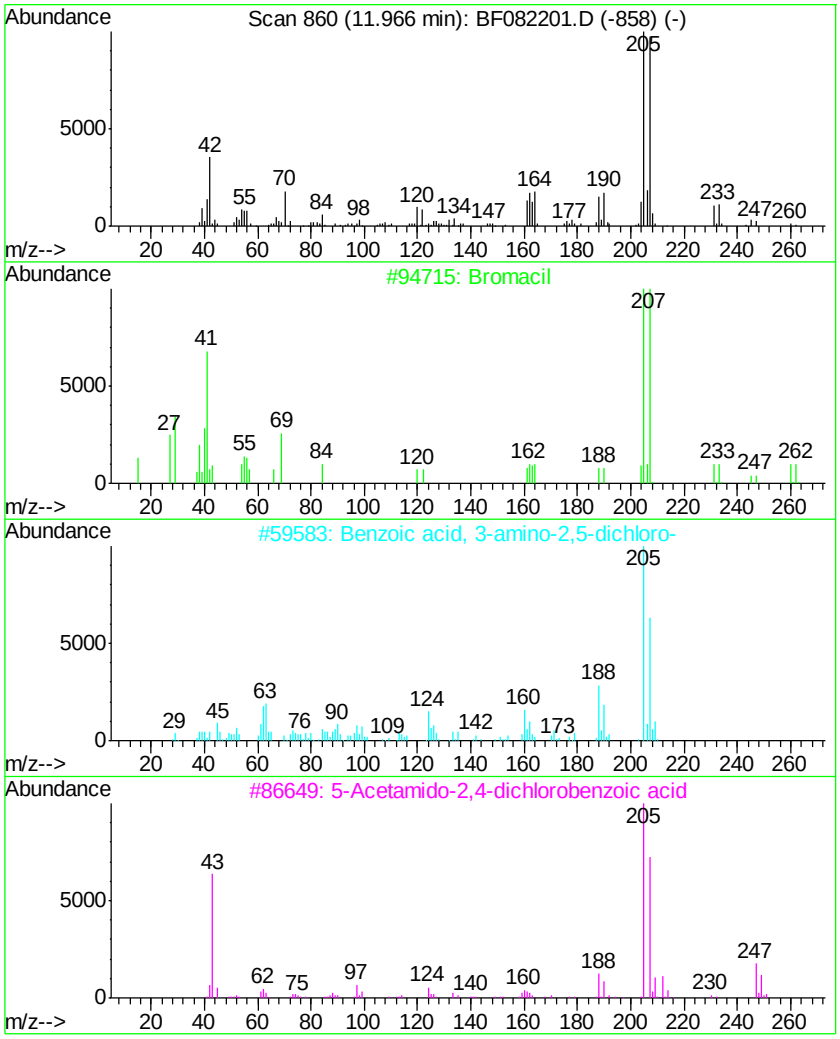
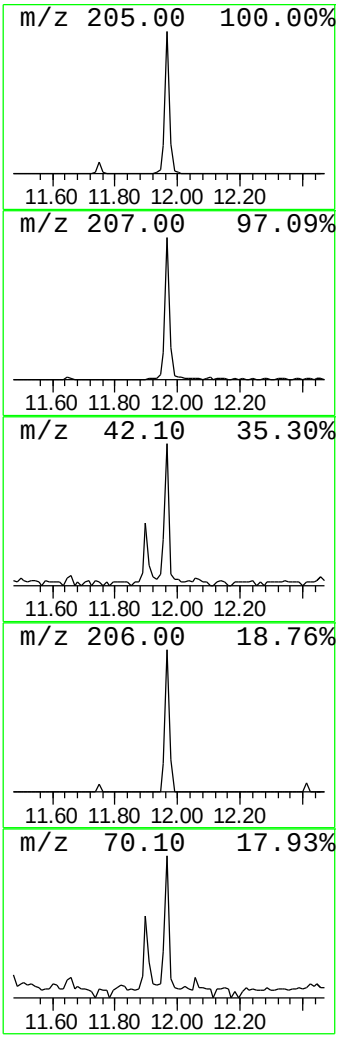
Peak Number 6 Bromacil Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.30 ng	228852	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil	260	C9H13BrN2O2	000314-40-9	91
2	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	59
3	5-Acetamido-2,4-dichlorobenzoic ...	247	C9H7Cl2NO3	050602-49-8	59
4	2,4,6-Trichlorobenzonitrile	205	C7H2Cl3N	006575-05-9	58
5	4[1H]-Pyridone, 3,5-dichloro-1,2...	205	C8H9Cl2NO	051050-41-0	38





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Data File : BF082201.D
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Operator : UM/IZ
Sample : G3959-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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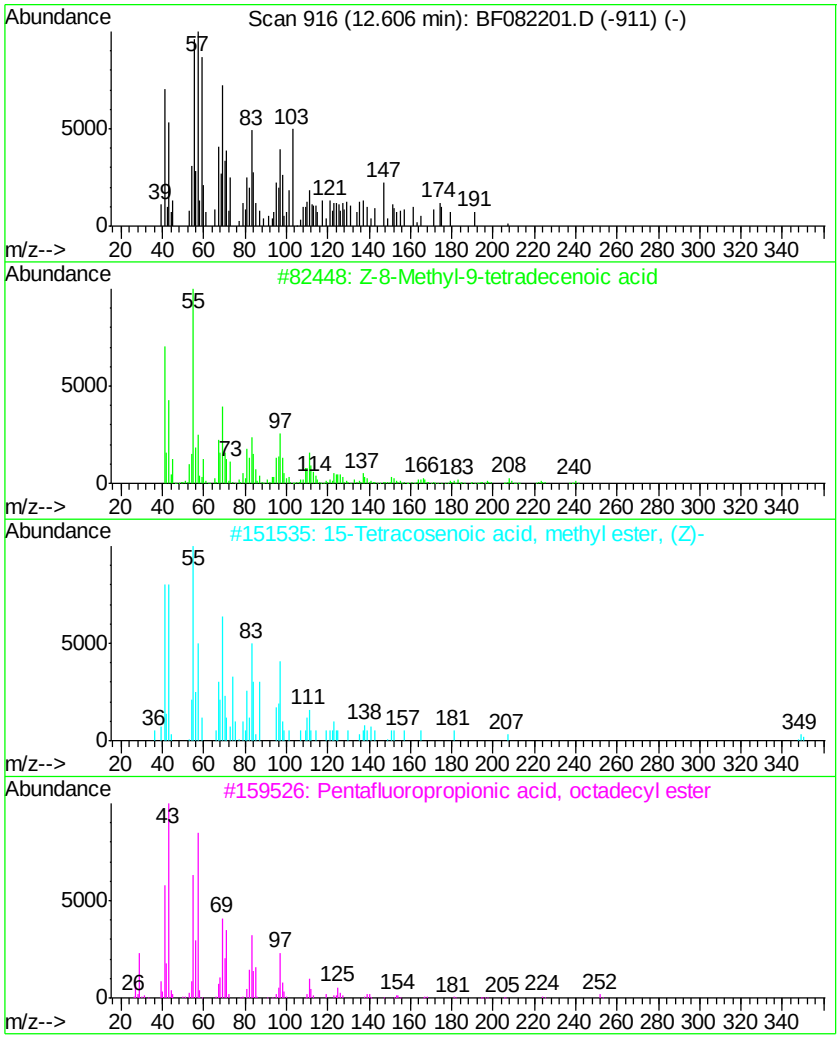
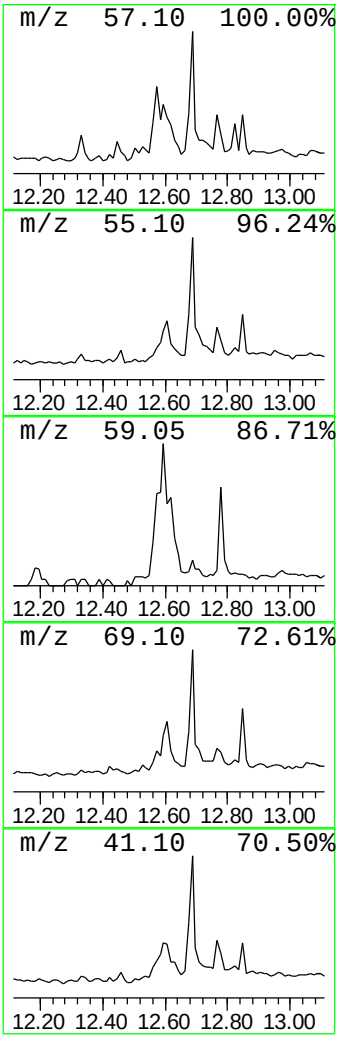
Peak Number 7 unknown12.61 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	6.29 ng	271833	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	46
2	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	45
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	30
4	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	25
5	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082201.D
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Sample : G3959-03
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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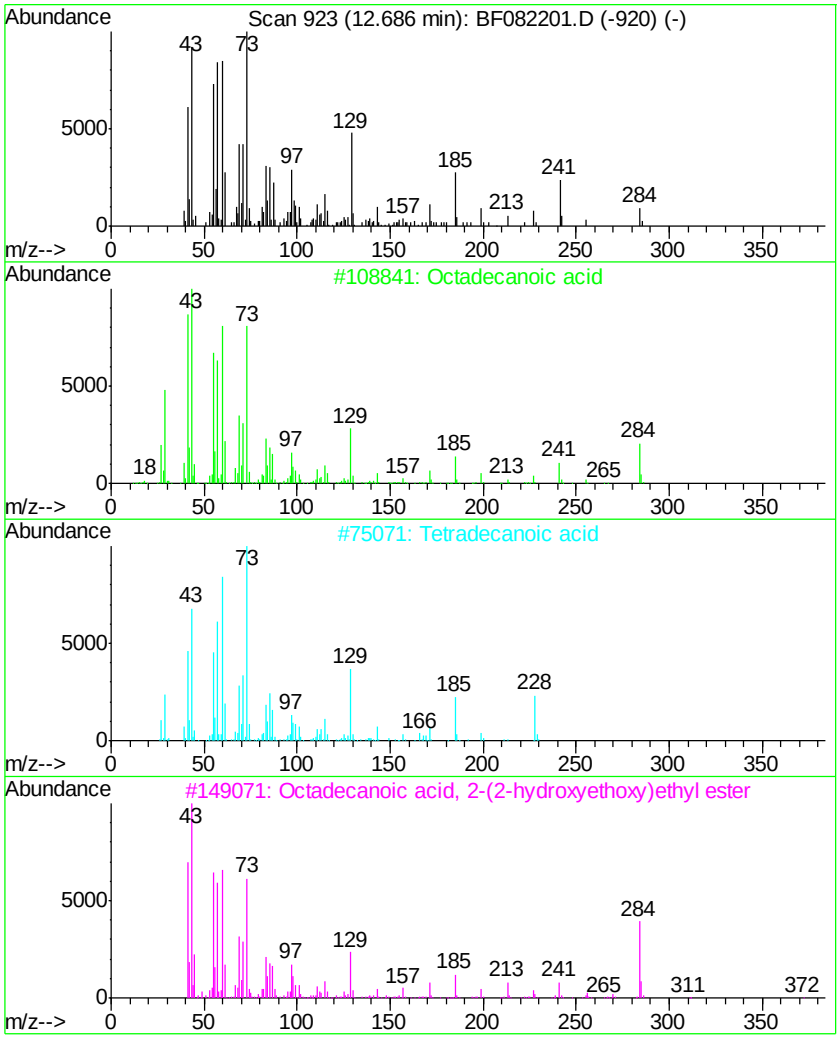
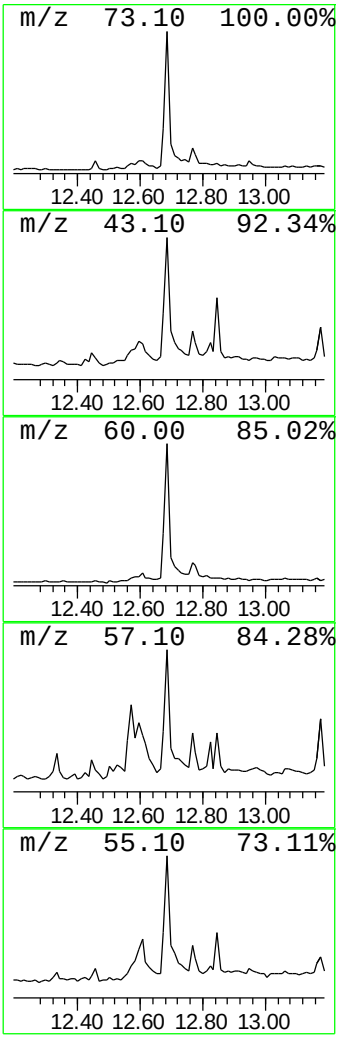
Peak Number 8 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	7.82 ng	360118	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





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Operator : UM/IZ
Sample : G3959-03
Misc :
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ClientSampleId : PO-004

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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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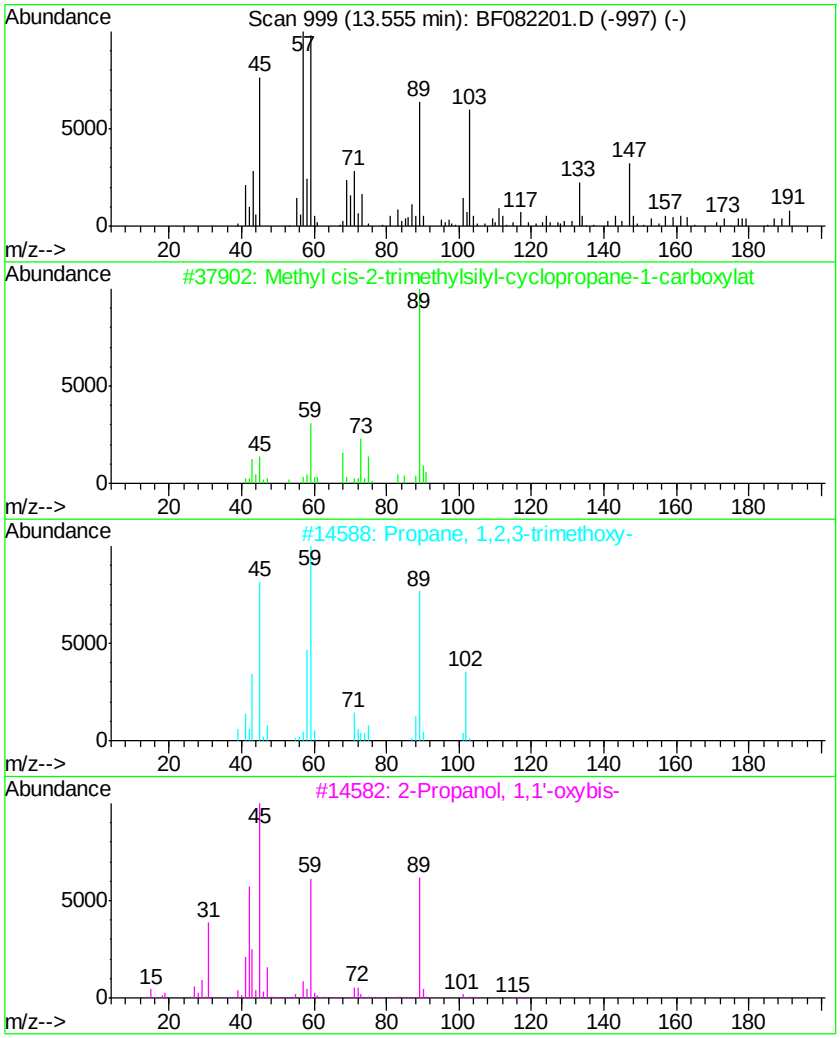
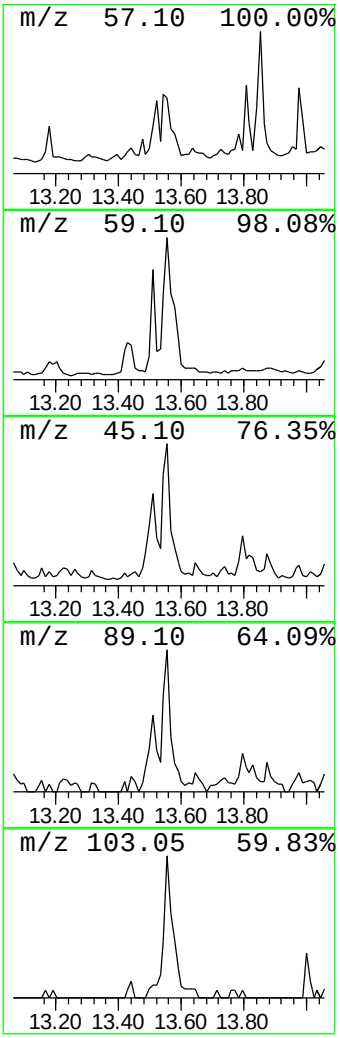
Peak Number 9 Methyl cis-2-trimethylsilyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	4.05 ng	186396	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl cis-2-trimethylsilyl-cycl...	172	C8H16O2Si	1000144-79-0	50
2	Propane, 1,2,3-trimethoxy-	134	C6H14O3	020637-49-4	40
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	38
4	15-Crown-5	220	C10H20O5	033100-27-5	35
5	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	35





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Misc :
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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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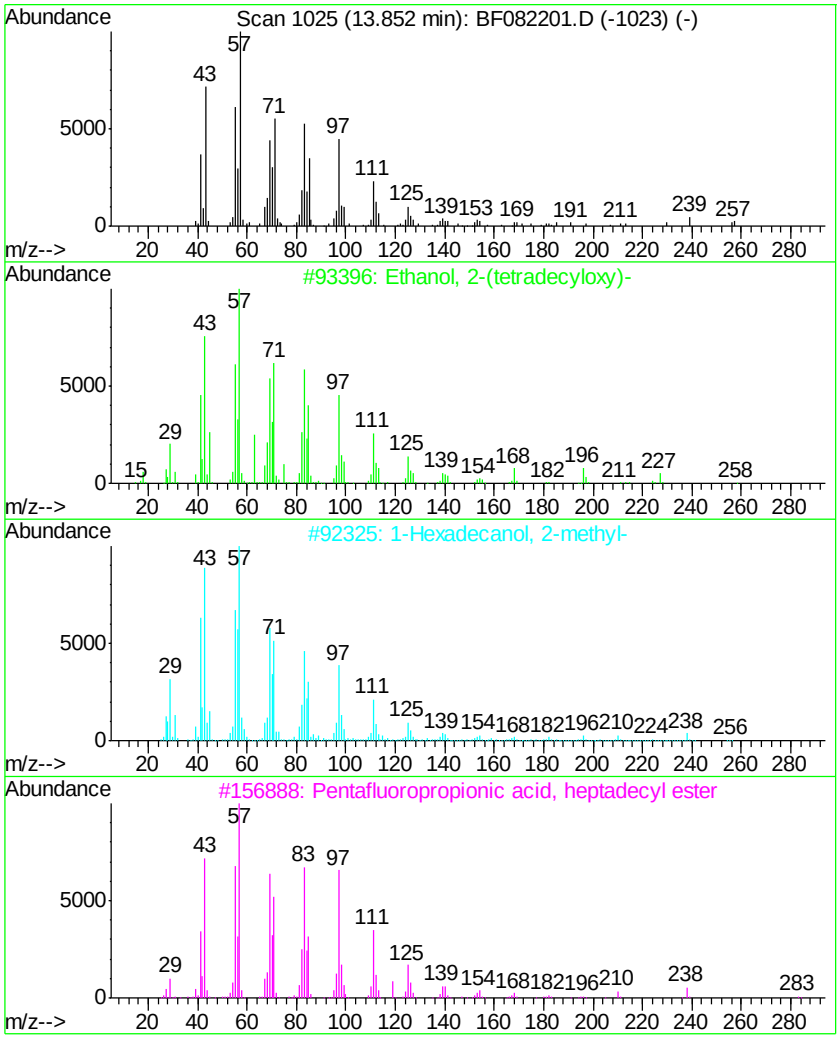
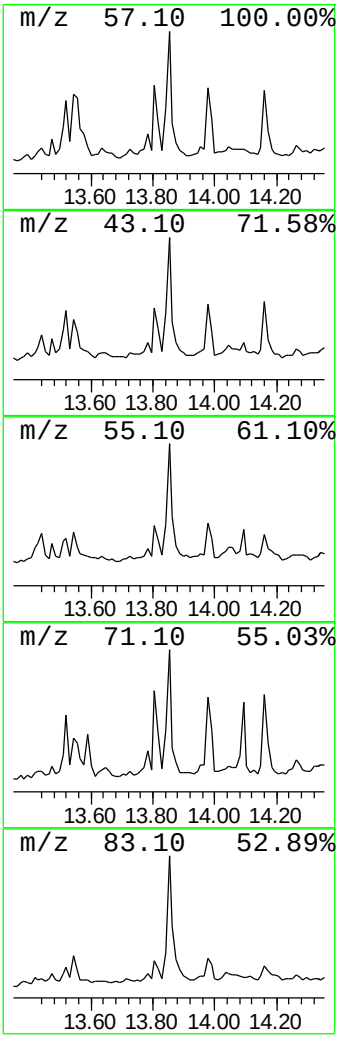
Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.33 ng	245459	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	87
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	81





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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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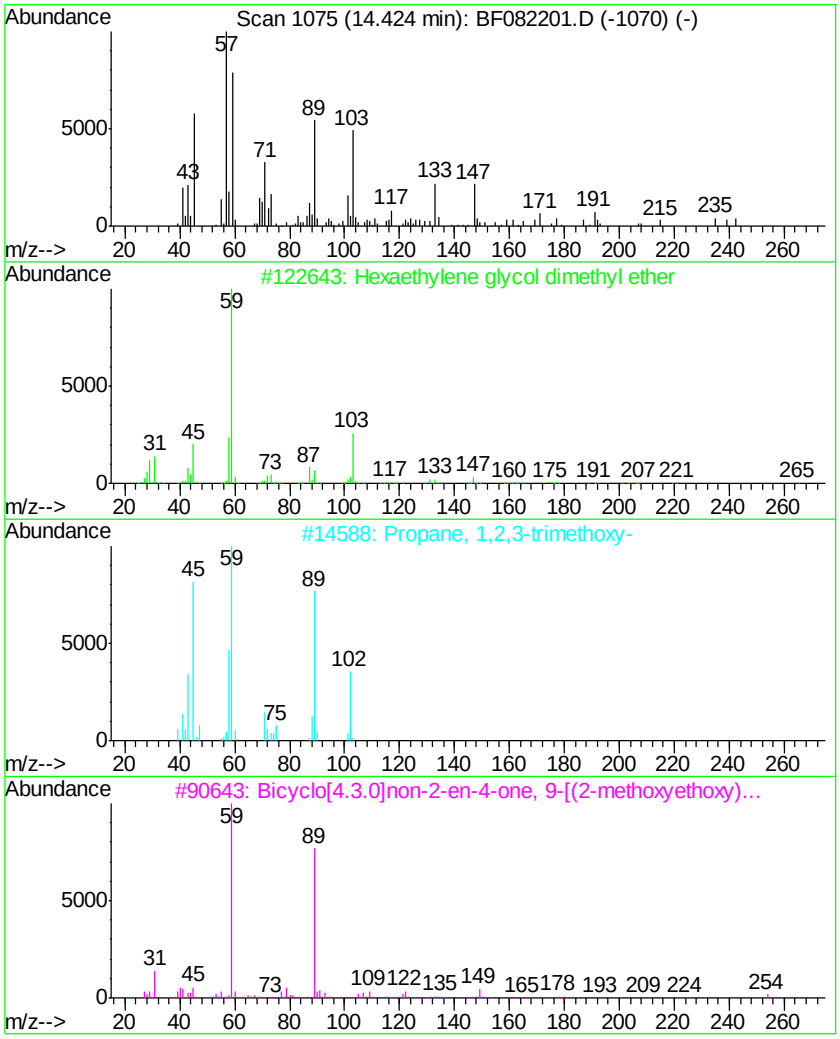
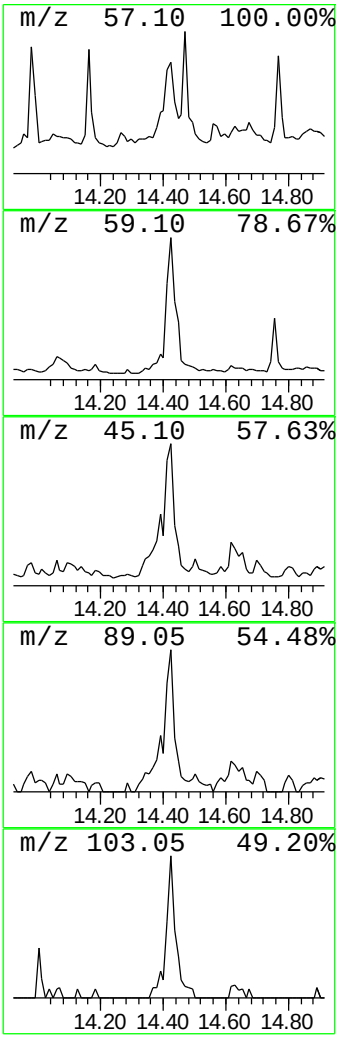
Peak Number 11 unknown14.42 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.75 ng	172754	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	40
2	Propane, 1,2,3-trimethoxy-	134	C6H14O3	020637-49-4	38
3	Bicyclo[4.3.0]non-2-en-4-one, 9-...	254	C14H22O4	1000154-00-1	35
4	3-Hepten-1-yne, 6-(2-methoxyetho...	270	C14H26O3Si	1000156-71-0	35
5	Propanoic acid, 3-(butylthio)-	162	C7H14O2S	022002-73-9	27





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ClientSampleId : PO-004

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

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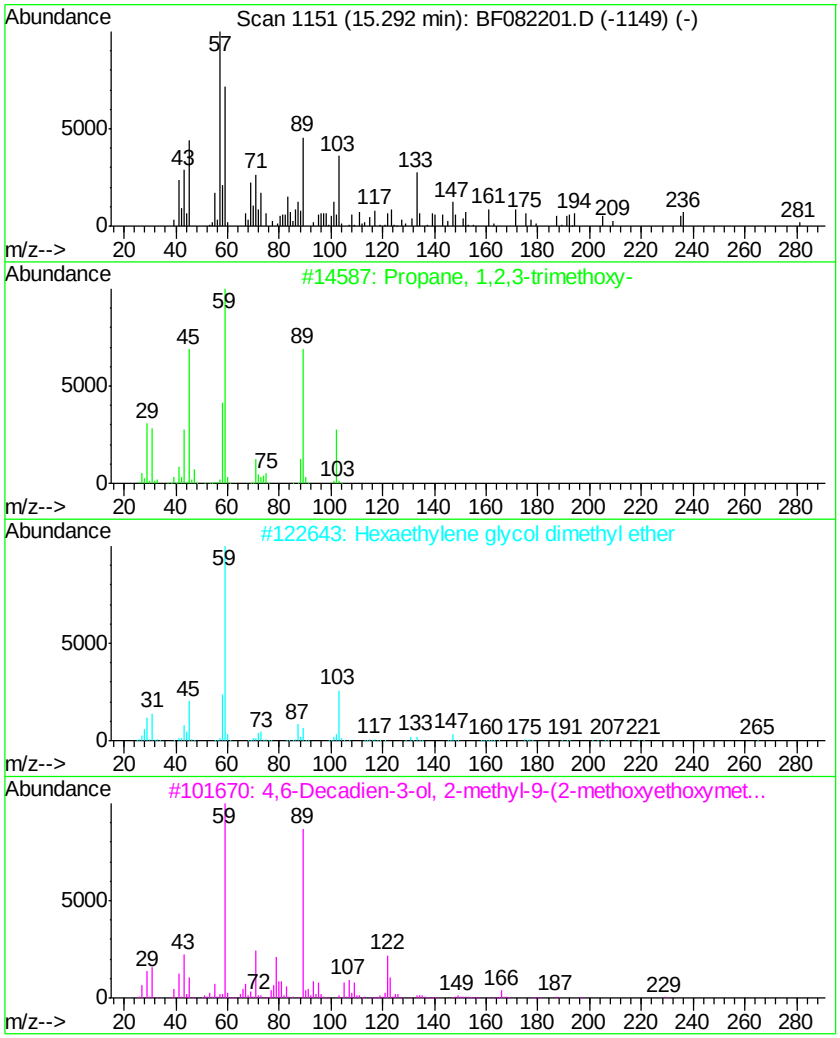
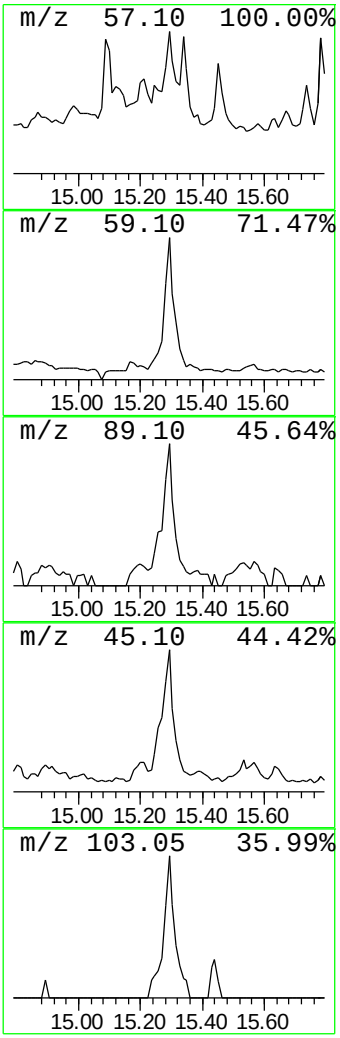
Peak Number 12 unknown15.29 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.94 ng	127912	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,2,3-trimethoxy-	134	C6H14O3	020637-49-4	38
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	25
3	4,6-Decadien-3-ol, 2-methyl-9-(2...	272	C15H28O4	1000156-73-4	17
4	Adenosine, 2-methyl-	281	C11H15N5O4	016526-56-0	12
5	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	11





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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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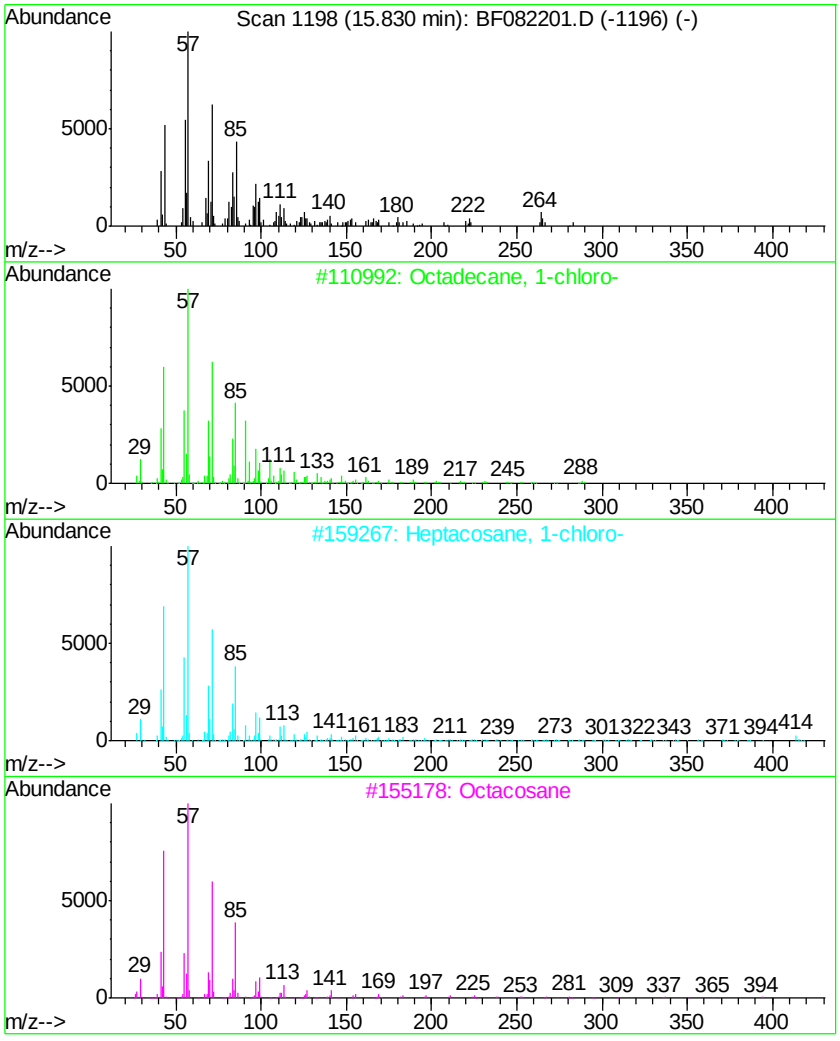
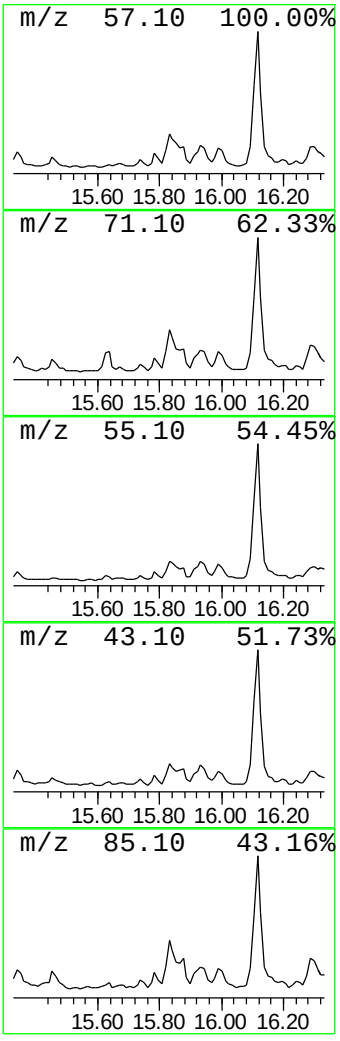
Peak Number 13 Octadecane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	12.89 ng	418840	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
3	Octacosane	394	C28H58	000630-02-4	58
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	46





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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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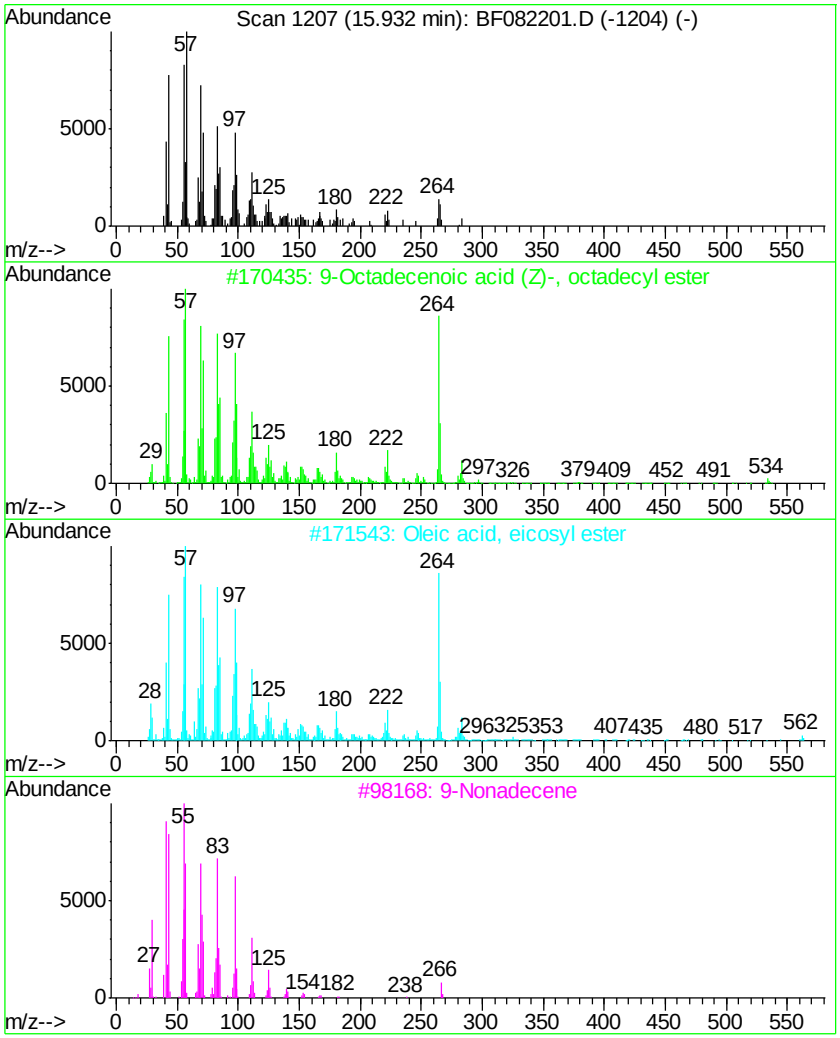
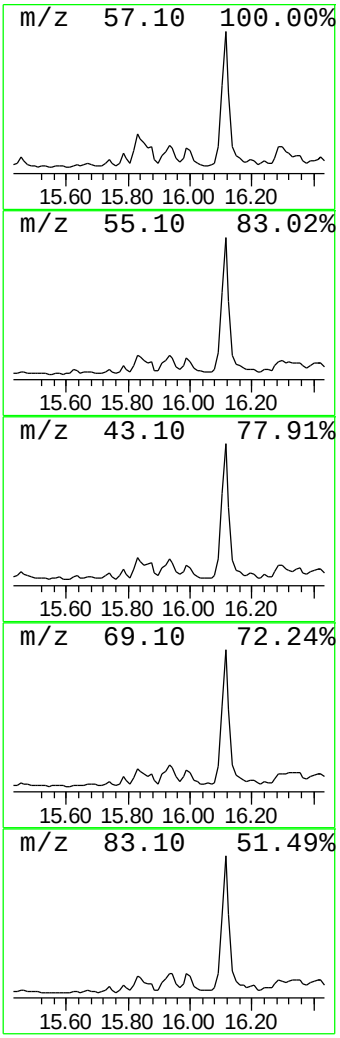
Peak Number 14 9-Octadecenoic acid (Z)-, o... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	13.13 ng	426640	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	91
2	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	87
3	9-Nonadecene	266	C19H38	031035-07-1	86
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	74





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ClientSampleId : PO-004

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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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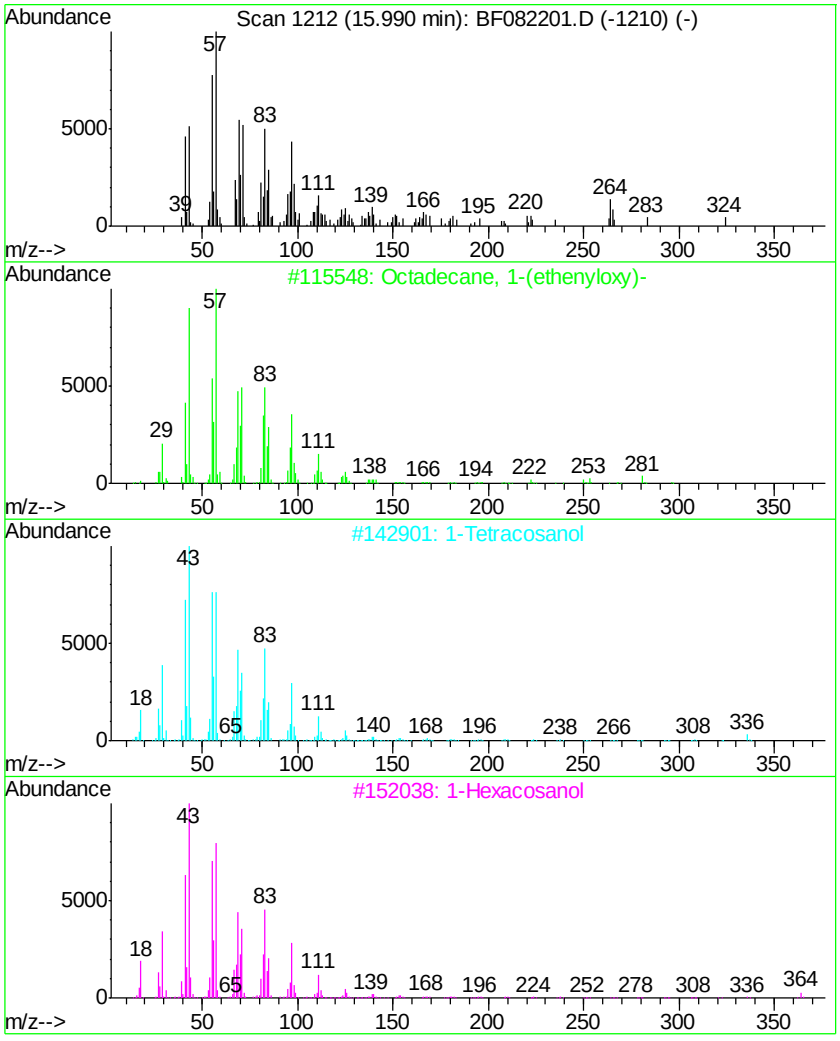
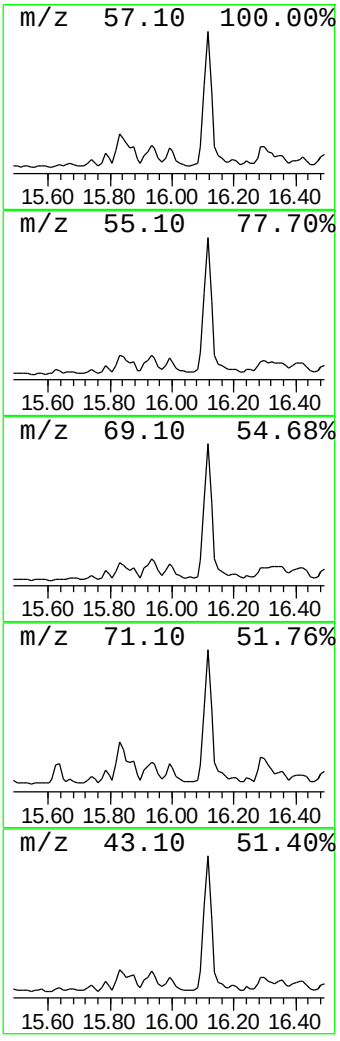
Peak Number 15 Octadecane, 1-(ethenyloxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	9.25 ng	300590	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	74
2	1-Tetracosanol	354	C24H50O	000506-51-4	68
3	1-Hexacosanol	382	C26H54O	000506-52-5	68
4	Heneicosane, 11-cyclopentyl-	364	C26H52	006703-81-7	64
5	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	64





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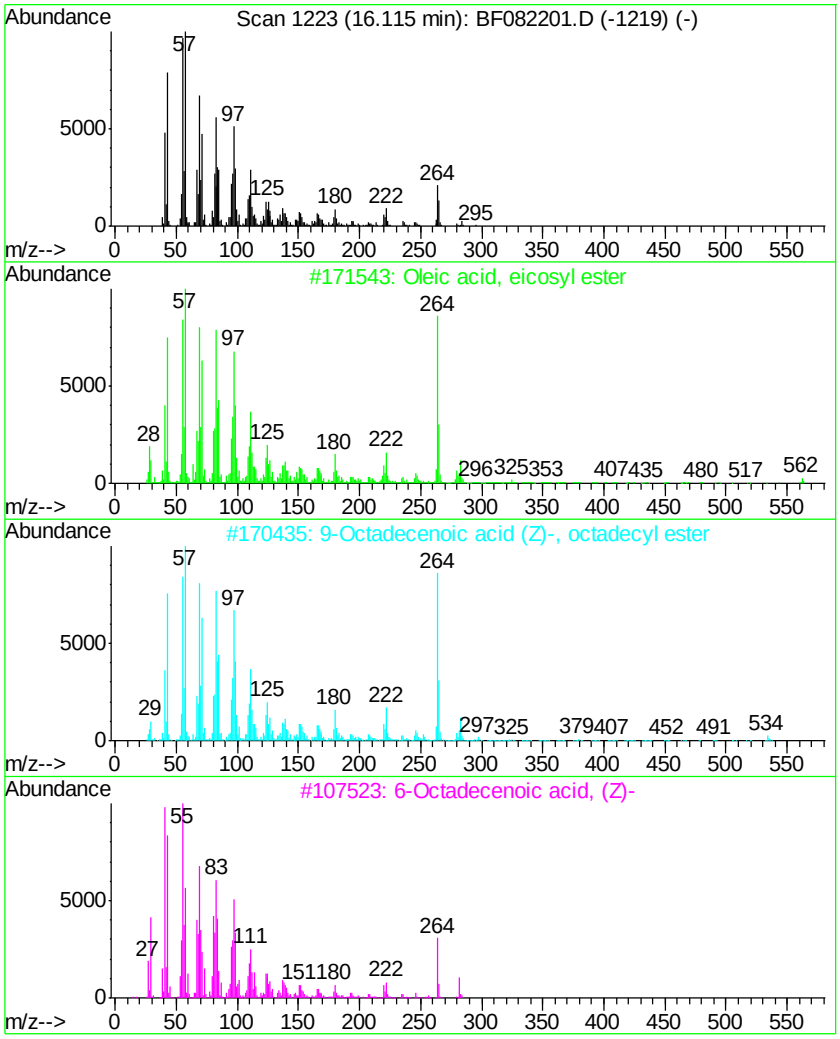
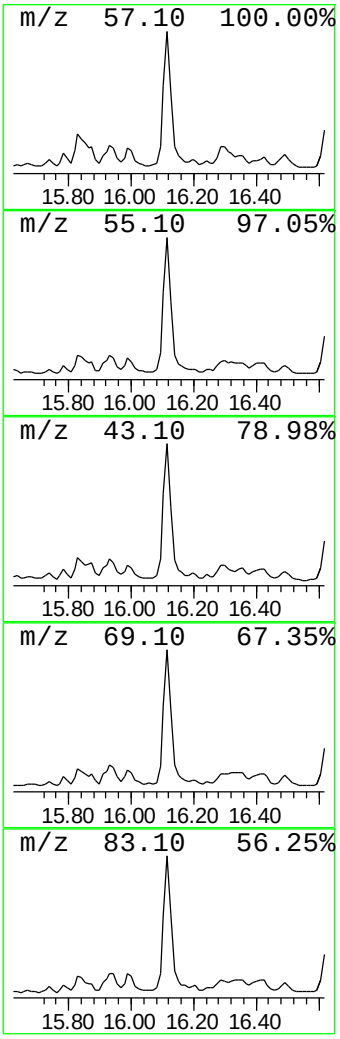
Peak Number 16 Oleic acid, eicosyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	65.72 ng	2134790	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	91
2	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	91
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	87
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	76
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	60





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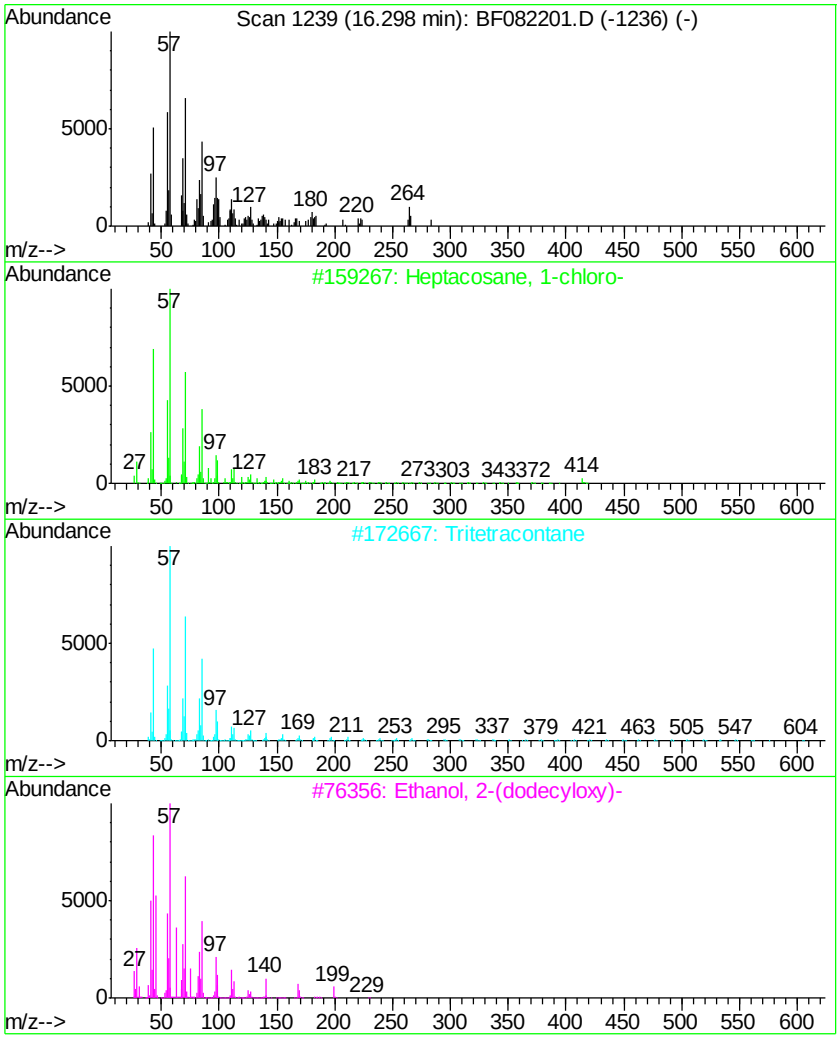
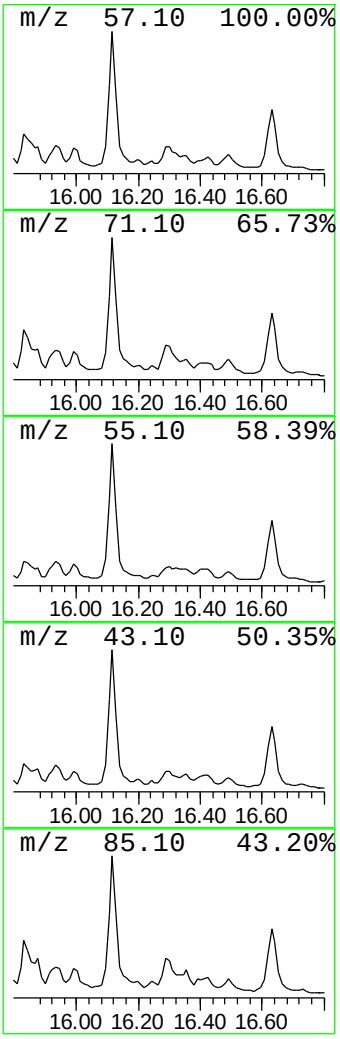
Peak Number 17 Heptacosane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	13.00 ng	422320	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58
2	Tritetracontane	605	C43H88	007098-21-7	58
3	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	52
4	Heptadecane	240	C17H36	000629-78-7	49
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49





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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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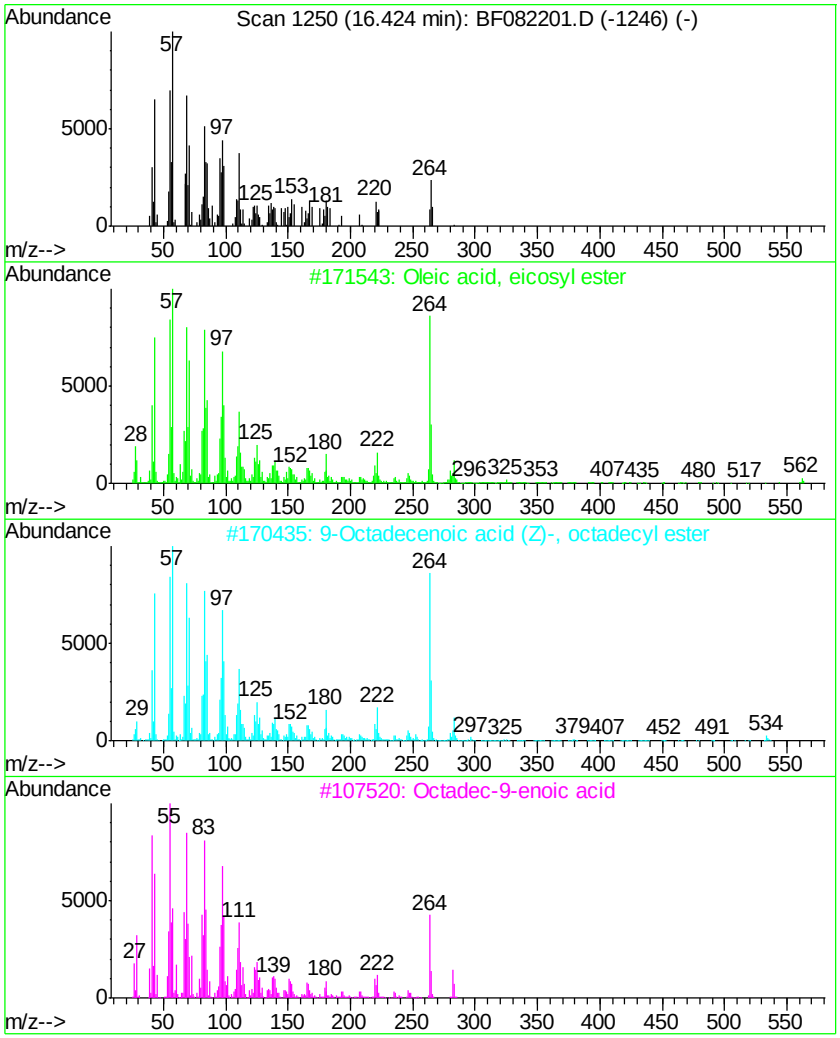
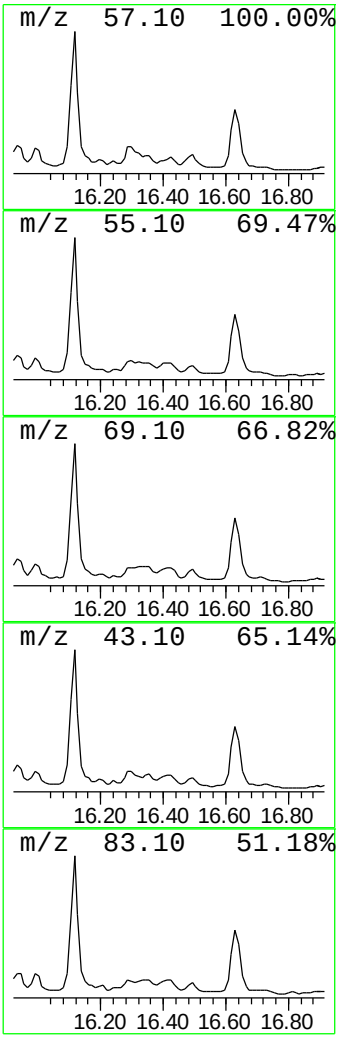
Peak Number 18 Octadec-9-enoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	11.33 ng	368069	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	86
2	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	86
3	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	81
4	Decyl oleate	422	C28H54O2	003687-46-5	72
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	70





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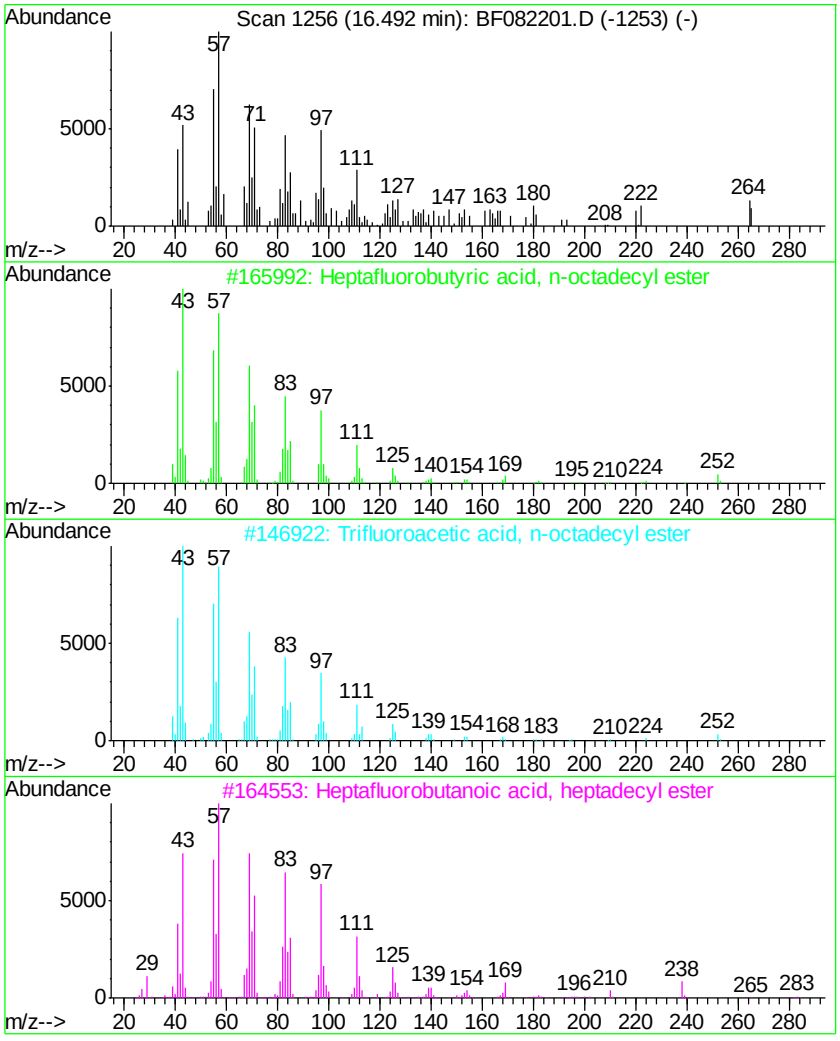
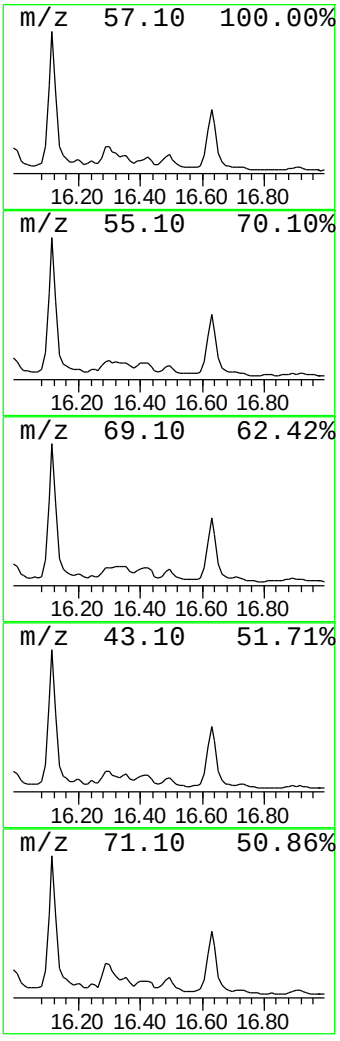
Peak Number 19 Heptafluorobutyric acid, n-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	9.41 ng	305740	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	72
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	72
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	64
4	17-Pentatriacontene	491	C35H70	006971-40-0	62
5	1-Eicosanol	298	C20H42O	000629-96-9	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082201.D
Acq On : 11 Oct 2015 3:41
Operator : UM/IZ
Sample : G3959-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

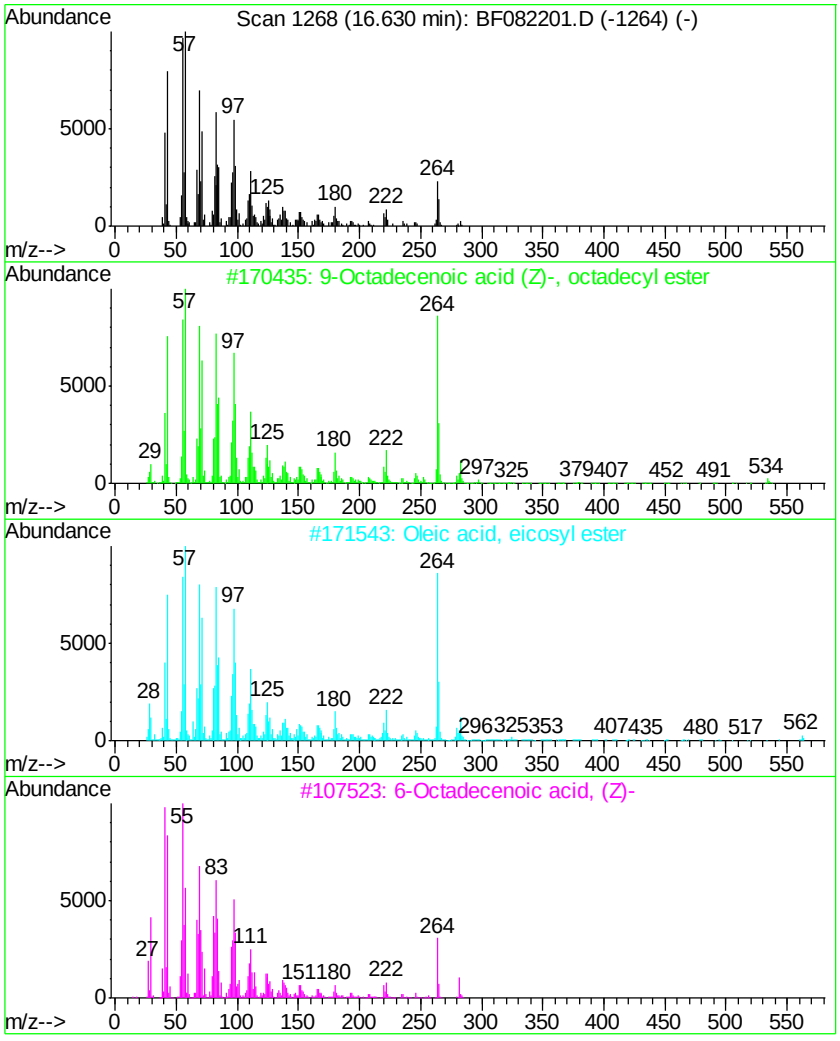
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

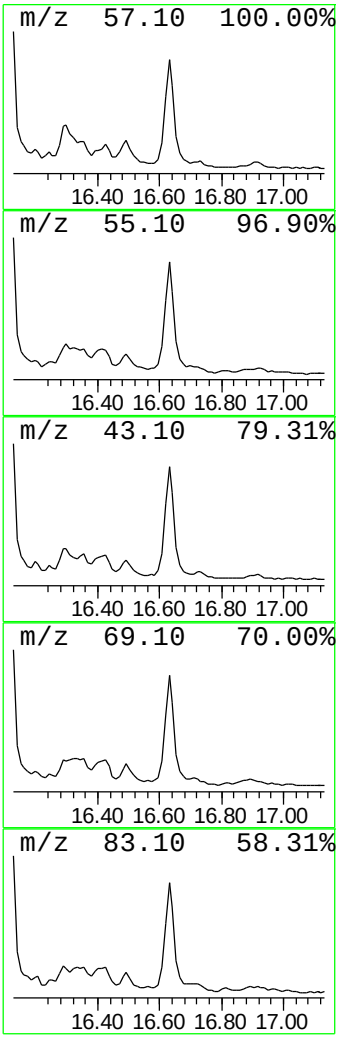
****

Peak Number 20 6-Octadecenoic acid, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	37.86 ng	1229800	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	94
2	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	91
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	86
5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082201.D
Acq On : 11 Oct 2015 3:41
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	5.01	11.6	ng	329768	1	6.83	570677	20.0
unknown6.61	6.61	73.9	ng	2109900	1	6.83	570677	20.0
Benzenesulfonamid...	10.73	4.6	ng	200199	4	11.36	864384	20.0
Tridecanoic acid	11.90	10.8	ng	466151	4	11.36	864384	20.0
Bromacil	11.97	5.3	ng	228852	4	11.36	864384	20.0
unknown12.61	12.61	6.3	ng	271833	4	11.36	864384	20.0
Octadecanoic acid	12.69	7.8	ng	360118	5	14.00	921302	20.0
Methyl cis-2-trim...	13.56	4.0	ng	186396	5	14.00	921302	20.0
Ethanol, 2-(tetra...	13.85	5.3	ng	245459	5	14.00	921302	20.0
unknown14.42	14.42	3.8	ng	172754	5	14.00	921302	20.0
unknown15.29	15.29	3.9	ng	127912	6	15.44	649672	20.0
Octadecane, 1-chl...	15.83	12.9	ng	418840	6	15.44	649672	20.0
9-Octadecenoic ac...	15.93	13.1	ng	426640	6	15.44	649672	20.0
Octadecane, 1-(et...	15.99	9.3	ng	300590	6	15.44	649672	20.0
Oleic acid, eicos...	16.12	65.7	ng	2134790	6	15.44	649672	20.0
Heptacosane, 1-ch...	16.30	13.0	ng	422320	6	15.44	649672	20.0
Octadec-9-enoic acid	16.42	11.3	ng	368069	6	15.44	649672	20.0
Heptafluorobutyri...	16.49	9.4	ng	305740	6	15.44	649672	20.0
6-Octadecenoic ac...	16.63	37.9	ng	1229800	6	15.44	649672	20.0