LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084293.D
Acq On : 6 Jan 2016 16:57
Operator : SJ/UM
Sample : H1010-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEP-MW-43

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-BF123115.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	3.813	148	151	155	rVB	179048	268821	2.97%	0.396%
2	5.047	256	259	267	rVB	602227	782514	8.65%	1.154%
3	5.470	293	296	298	rBV	4198350	3768529	41.66%	5.558%
4	6.499	384	386	389	rBV	2591732	2243015	24.79%	3.308%
5	6.636	395	398	400	rBV	7039277	6597672	72.93%	9.731%
6	6.864	416	418	420	rBV	2267862	1835309	20.29%	2.707%
7	7.024	429	432	434	rBV	7119445	6508183	71.94%	9.599%
8	7.436	464	468	470	rBV	5726621	6113449	67.58%	9.017%
9	8.156	528	531	533	rVB	2422240	2471684	27.32%	3.645%
10	9.185	619	621	623	rBV	170564	270271	2.99%	0.399%
11	9.230	623	625	628	rVB	8346238	9046777	100.00%	13.343%
12	9.539	650	652	653	rBV	109620	106934	1.18%	0.158%
13	9.619	657	659	661	rBV	129508	136256	1.51%	0.201%
14	9.905	682	684	687	rVB	3008197	2643644	29.22%	3.899%
15	10.339	719	722	724	rBV2	121263	170094	1.88%	0.251%
16	10.545	737	740	745	rBV3	46655	104193	1.15%	0.154%
17	10.648	747	749	750	rBV	100749	92446	1.02%	0.136%
18	10.693	750	753	756	rBV2	5029670	5967618	65.96%	8.802%
19	10.808	762	763	765	rBV	83192	135523	1.50%	0.200%
20	10.842	765	766	768	rVB	104004	95701	1.06%	0.141%
21	11.265	801	803	804	rBV	106947	124272	1.37%	0.183%
22	11.391	811	814	816	rBV	2920982	2637489	29.15%	3.890%
23	11.974	862	865	867	rBV3	123709	156666	1.73%	0.231%
24	12.979	950	953	955	rBV	7450605	7595950	83.96%	11.203%
25	13.471	993	996	998	rVB3	74619	96463	1.07%	0.142%
26	13.562	1000	1004	1007	rBV4	56022	153127	1.69%	0.226%
27	13.848	1027	1029	1030	rVB	162099	208027	2.30%	0.307%
28	13.882	1030	1032	1035	rVB	96463	104827	1.16%	0.155%
29	14.019	1042	1044	1047	rBV	2113511	2254670	24.92%	3.325%
30	14.797	1109	1112	1116	rBV2	45391	96237	1.06%	0.142%
31	15.448	1166	1169	1172	rBV	1225435	1696953	18.76%	2.503%
32	15.871	1204	1206	1208	rVV2	113854	238429	2.64%	0.352%
33	15.974	1211	1215	1218	rVV3	99827	260181	2.88%	0.384%
34	16.031	1218	1220	1224	rVB	83452	135019	1.49%	0.199%

LSC Area Percent Report

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Acq On : 6 Jan 2016 16:57
Operator : SJ/UM
Sample : H1010-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEP-MW-43

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.157	1227	1231	1237	rBV	716036	1416941	15.66%	2.090%
36	16.328	1244	1246	1249	rBV3	54154	141893	1.57%	0.209%
37	16.465	1254	1258	1261	rVB6	53463	163314	1.81%	0.241%
38	16.534	1261	1264	1268	rVB3	55501	118489	1.31%	0.175%
39	16.671	1272	1276	1288	rVB	357507	844698	9.34%	1.246%

Sum of corrected areas: 67802278

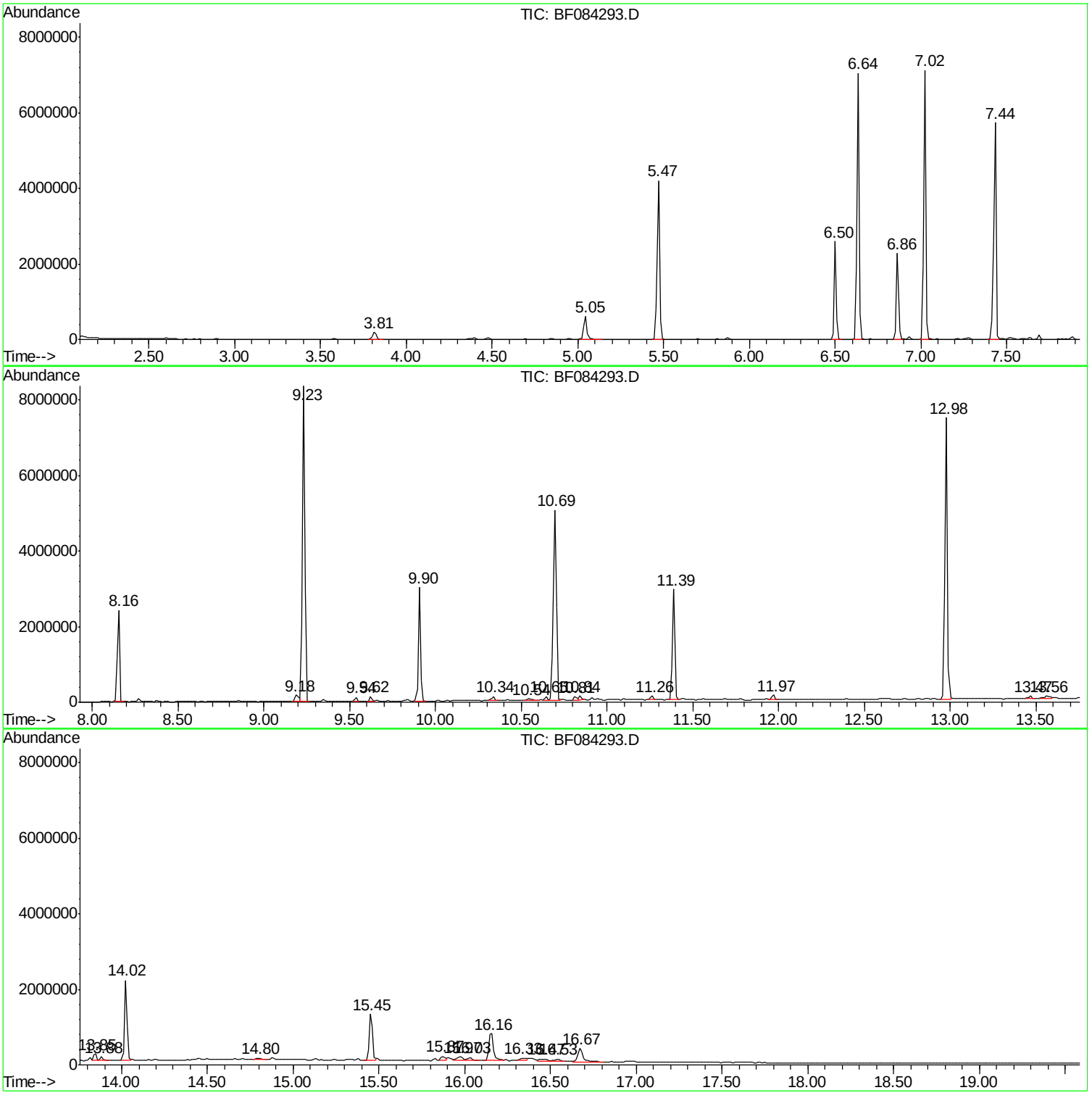
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084293.D
Acq On : 6 Jan 2016 16:57
Operator : SJ/UM
Sample : H1010-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEP-MW-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF010616\
Data File : BF084293.D
Acq On : 6 Jan 2016 16:57
Operator : SJ/UM
Sample : H1010-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEP-MW-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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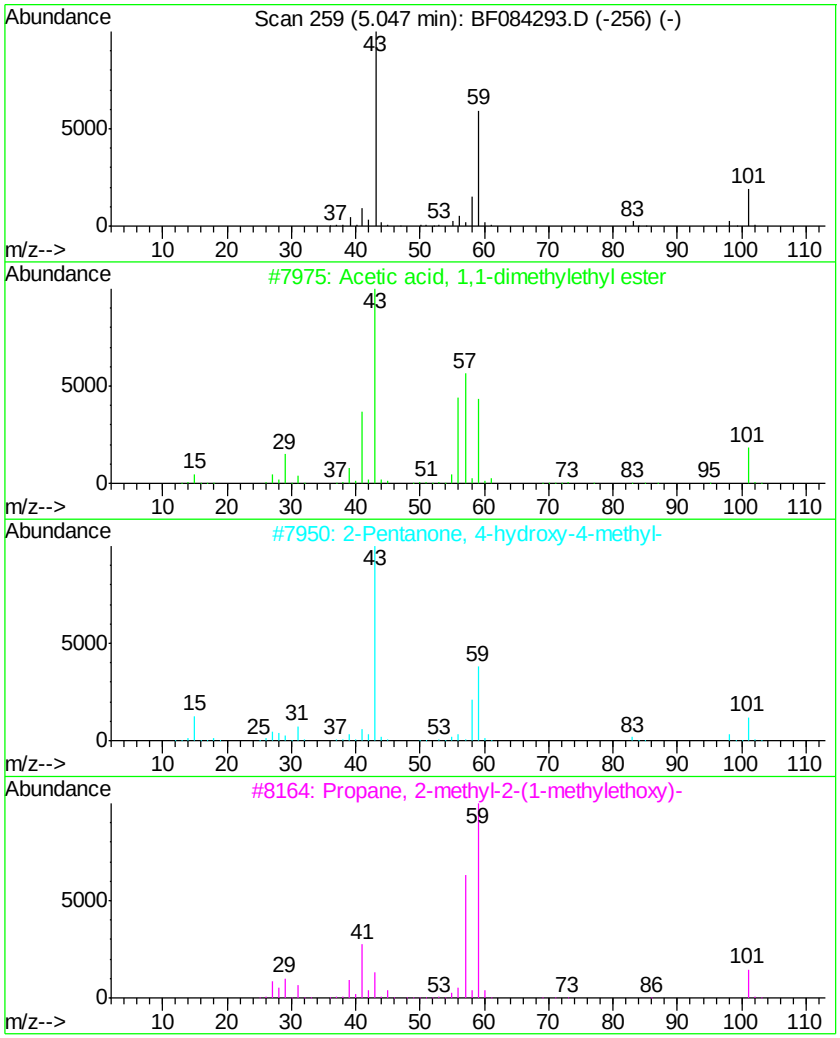
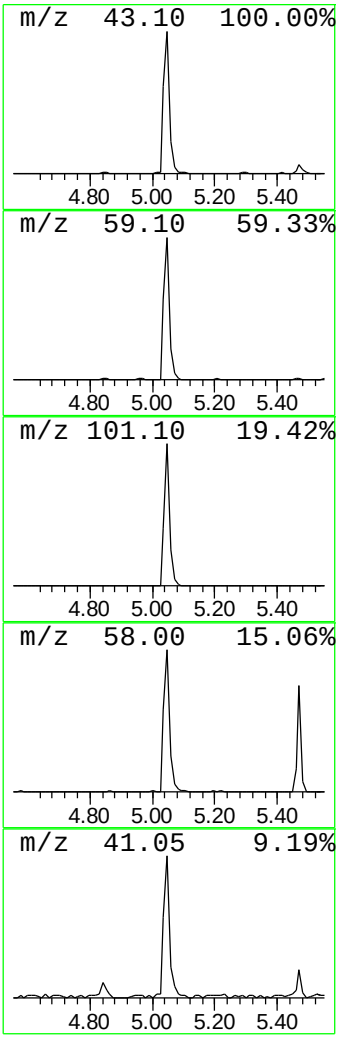
Peak Number 2 unknown5.05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	8.53 ng	782514	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084293.D
Acq On : 6 Jan 2016 16:57
Operator : SJ/UM
Sample : H1010-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEP-MW-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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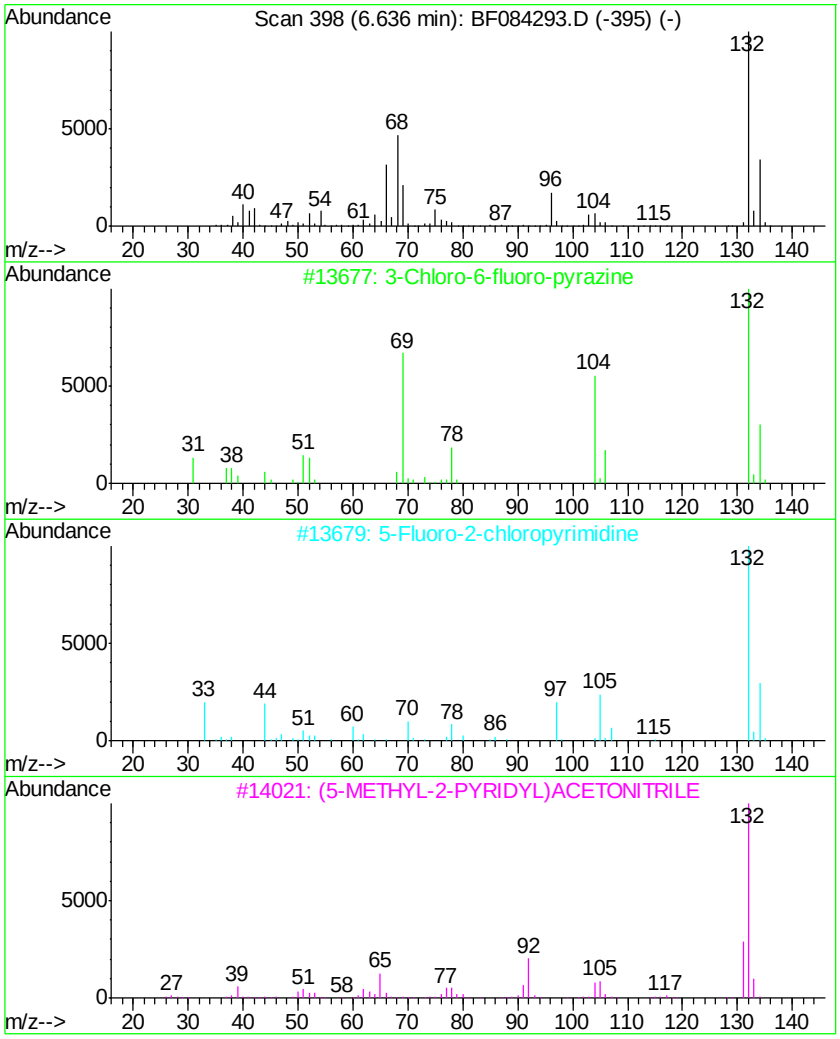
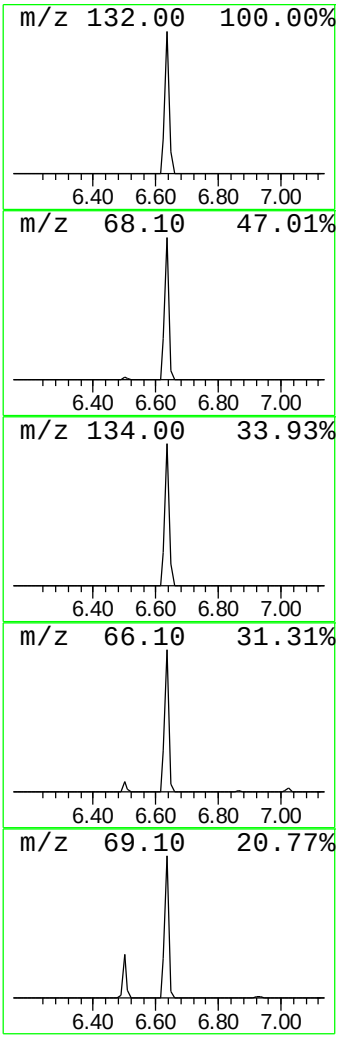
Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	71.90 ng	6597670	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084293.D
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Operator : SJ/UM
Sample : H1010-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEP-MW-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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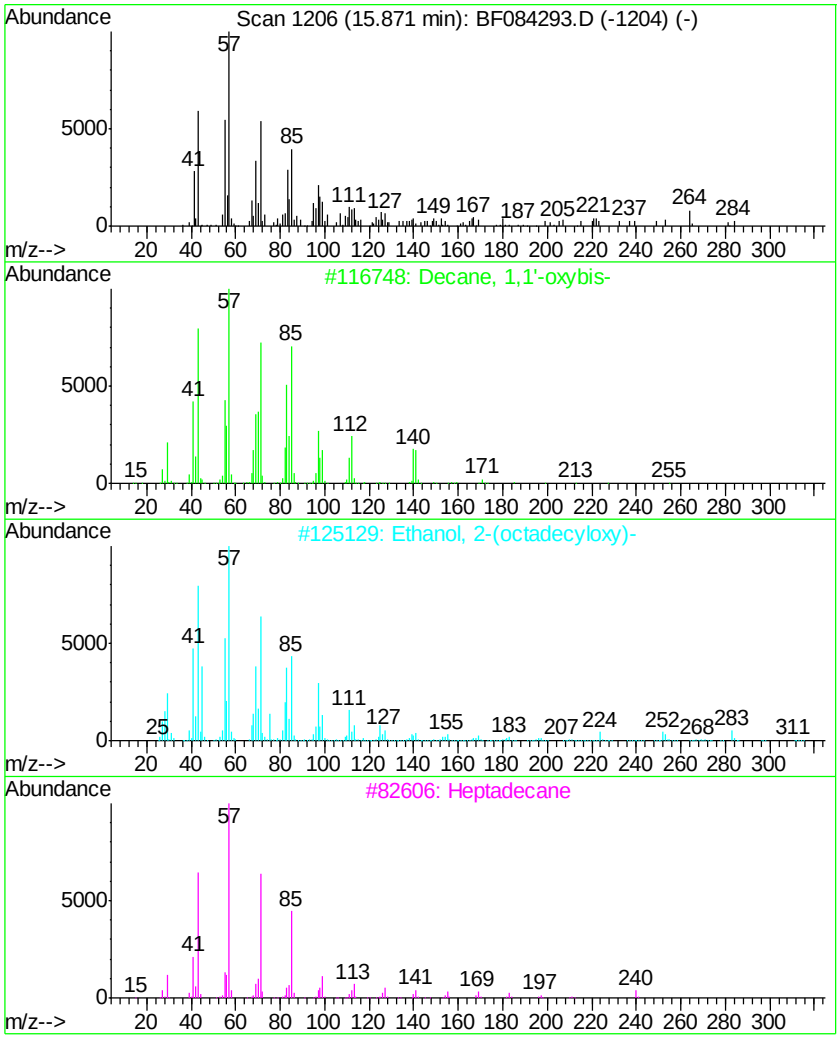
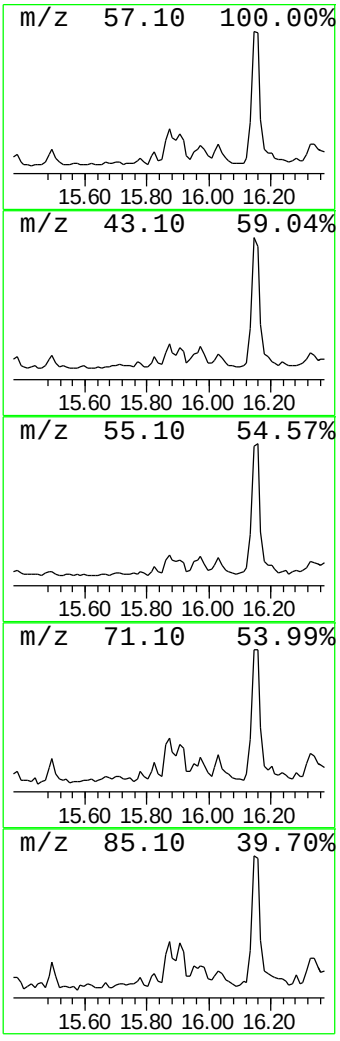
Peak Number 5 Decane, 1,1'-oxybis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.81 ng	238429	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	72
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	72
3	Heptadecane	240	C17H36	000629-78-7	50
4	Nonadecane	268	C19H40	000629-92-5	50
5	Pentadecane	212	C15H32	000629-62-9	50





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Data File : BF084293.D
Acq On : 6 Jan 2016 16:57
Operator : SJ/UM
Sample : H1010-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEP-MW-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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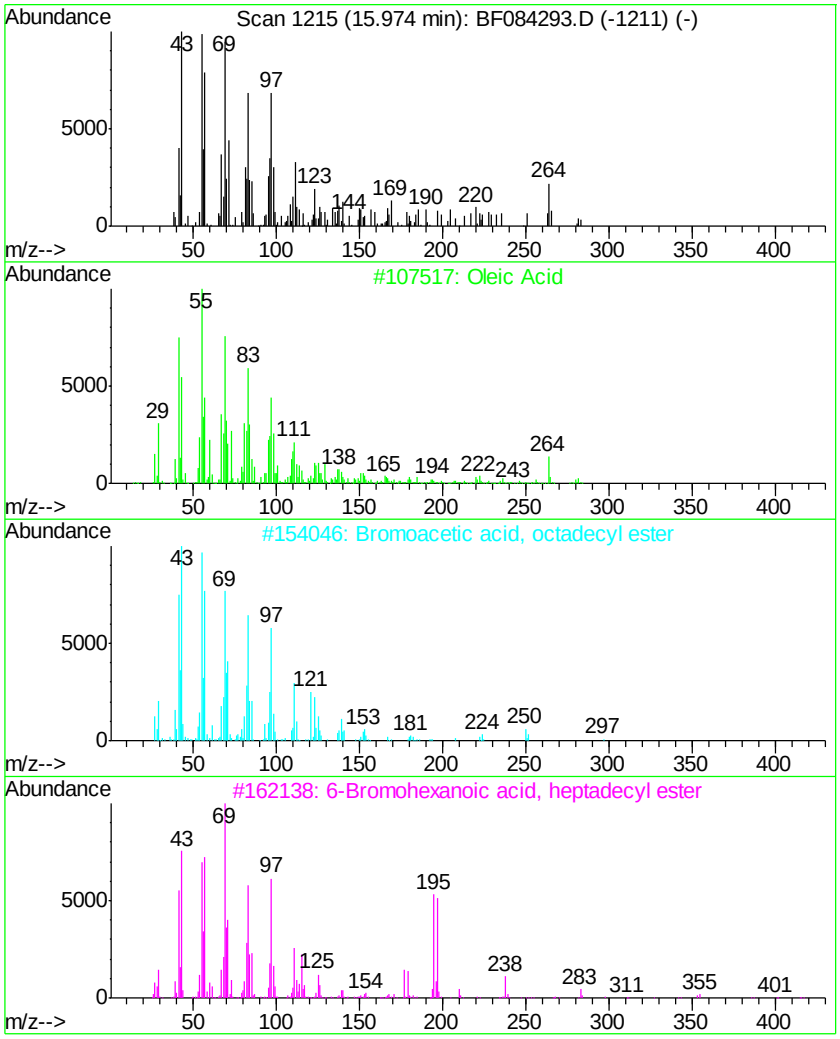
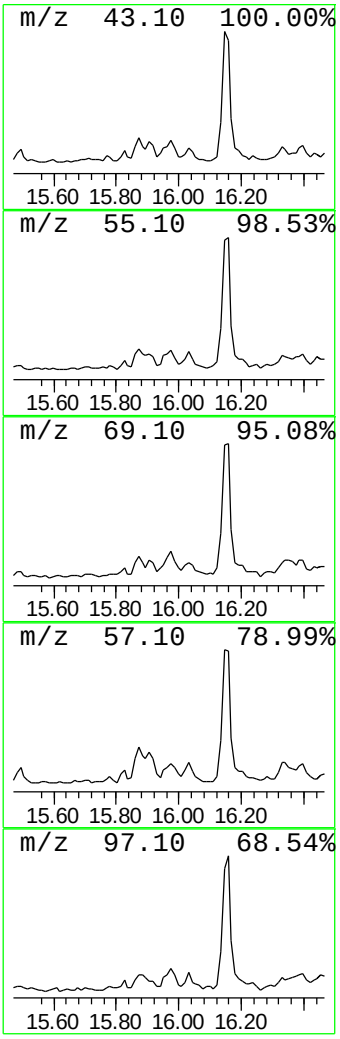
Peak Number 6 Oleic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.07 ng	260181	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	90
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	74
3	6-Bromohexanoic acid, heptadecyl...	432	C23H45BrO2	1000282-90-7	52
4	Cyclododecanemethanol	198	C13H26O	001892-12-2	52
5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	49





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Sample : H1010-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEP-MW-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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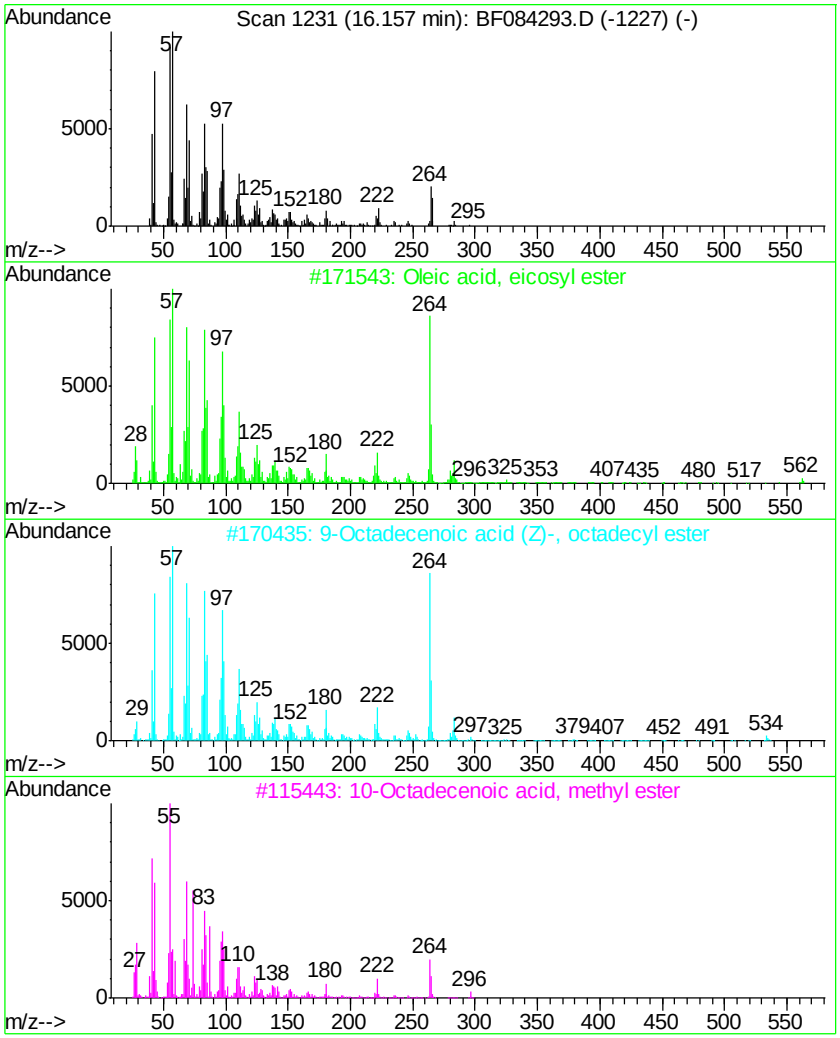
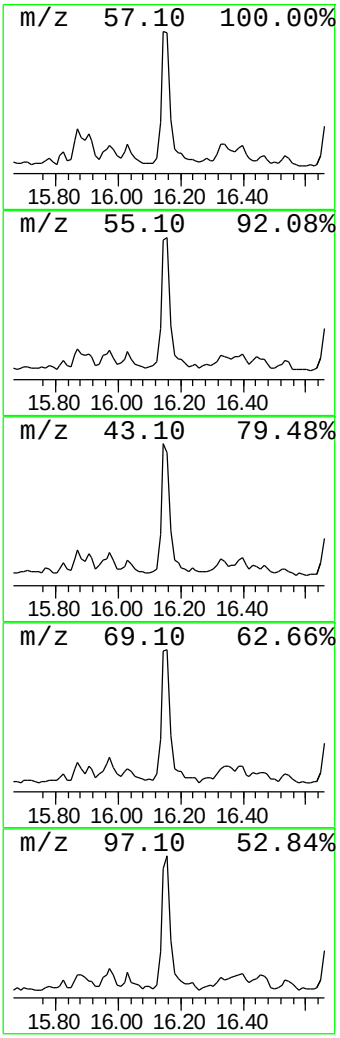
Peak Number 7 Oleic acid, eicosyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	16.70 ng	1416940	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	94
2	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	94
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	76
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	62
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	62





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.05	5.05	8.5	ng	782514	1	6.86	1835310	20.0
unknown6.64	6.64	71.9	ng	6597670	1	6.86	1835310	20.0
Decane, 1,1'-oxybis-	15.87	2.8	ng	238429	6	15.45	1696950	20.0
Oleic Acid	15.97	3.1	ng	260181	6	15.45	1696950	20.0
Oleic acid, eicos...	16.16	16.7	ng	1416940	6	15.45	1696950	20.0