LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092277.D
Acq On : 14 Jan 2017 11:30
Operator : UM/SJ
Sample : I1162-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-47-COMP

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-BF122116.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	4.701	252	255	267	rBV	1582031	2574451	46.72%	5.474%
2	5.170	294	296	308	rBV	4846037	5358778	97.25%	11.394%
3	6.244	387	390	397	rBV	4782088	5510161	100.00%	11.716%
4	6.347	397	399	402	rVB	5188682	4959506	90.01%	10.545%
5	6.576	417	419	421	rBV	1285553	1287265	23.36%	2.737%
6	6.724	430	432	435	rBV	2918067	3957039	71.81%	8.414%
7	7.147	466	469	471	rBV	3254518	3253301	59.04%	6.917%
8	7.856	529	531	534	rBV	1327904	1663188	30.18%	3.536%
9	8.942	623	626	629	rBV	5073513	4955367	89.93%	10.536%
10	9.342	659	661	663	rBV	466028	387212	7.03%	0.823%
11	9.559	678	680	682	rBV	66305	62265	1.13%	0.132%
12	9.605	682	684	687	rBV	1420468	1707541	30.99%	3.631%
13	10.062	720	724	726	rBV	140862	145534	2.64%	0.309%
14	10.279	739	743	746	rBV	47460	68243	1.24%	0.145%
15	10.393	751	753	756	rBV2	1734583	2355873	42.76%	5.009%
16	10.531	763	765	769	rVB	164525	190076	3.45%	0.404%
17	10.976	802	804	805	rBV	99135	86072	1.56%	0.183%
18	11.091	811	814	816	rBV	1066698	1344045	24.39%	2.858%
19	12.508	936	938	941	rBV	118809	108701	1.97%	0.231%
20	12.668	950	952	955	rBV	3224501	3496181	63.45%	7.434%
21	13.217	997	1000	1001	rBV	77518	84275	1.53%	0.179%
22	13.605	1030	1034	1041	rBV2	81762	228355	4.14%	0.486%
23	13.708	1041	1043	1046	rBV	1246493	1338361	24.29%	2.846%
24	14.497	1108	1112	1115	rBV2	46685	73609	1.34%	0.157%
25	14.565	1115	1118	1120	rVB	40942	60192	1.09%	0.128%
26	14.782	1135	1137	1139	rBV	46090	56306	1.02%	0.120%
27	15.068	1159	1162	1164	rBV	974919	1142301	20.73%	2.429%
28	15.102	1164	1165	1168	rVB	72530	86313	1.57%	0.184%
29	15.468	1194	1197	1200	rBV	69069	98595	1.79%	0.210%
30	15.880	1230	1233	1240	rVB2	72039	142362	2.58%	0.303%
31	16.360	1272	1275	1282	rVB	48132	95374	1.73%	0.203%
32	16.931	1322	1325	1330	rVB	38711	92154	1.67%	0.196%
33	17.594	1380	1383	1390	rVB3	22766	62483	1.13%	0.133%

LSC Area Percent Report

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 47031479

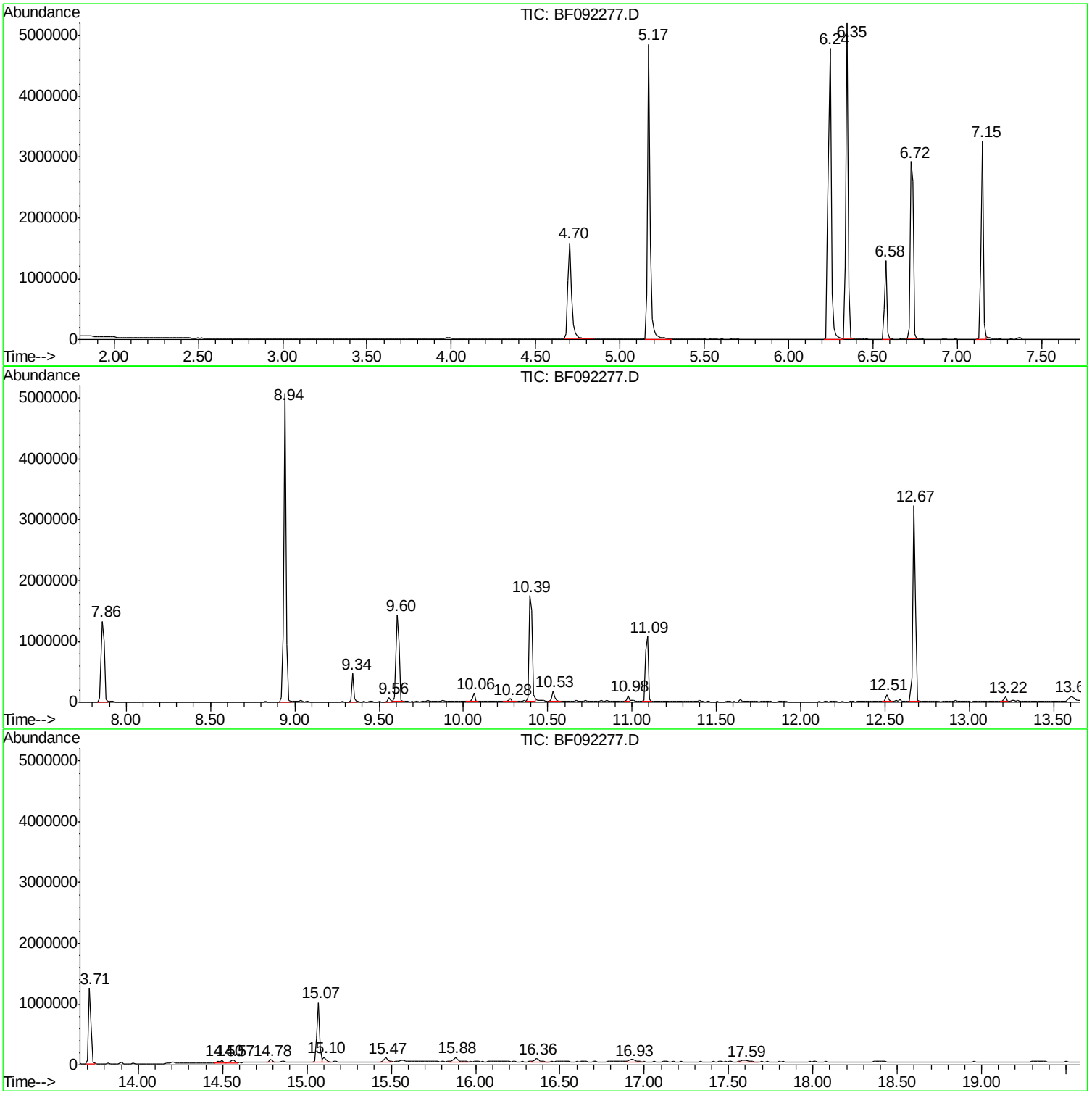
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092277.D
Acq On : 14 Jan 2017 11:30
Operator : UM/SJ
Sample : I1162-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-47-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092277.D
Acq On : 14 Jan 2017 11:30
Operator : UM/SJ
Sample : I1162-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-47-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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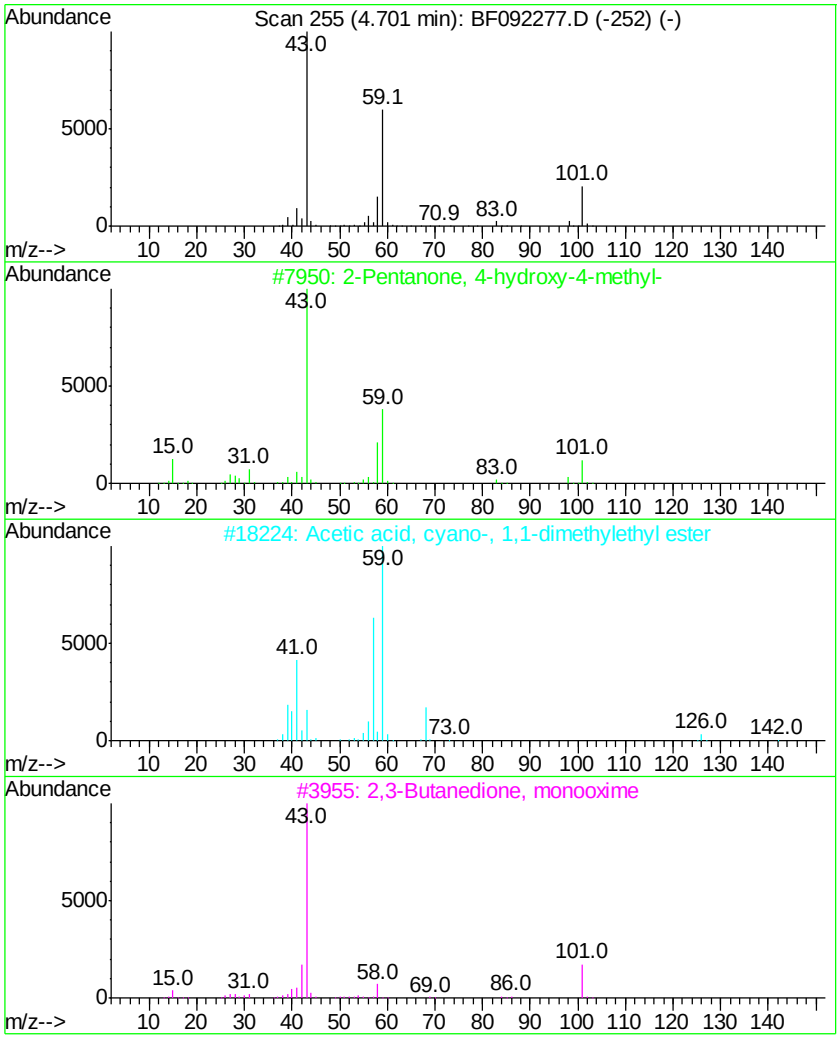
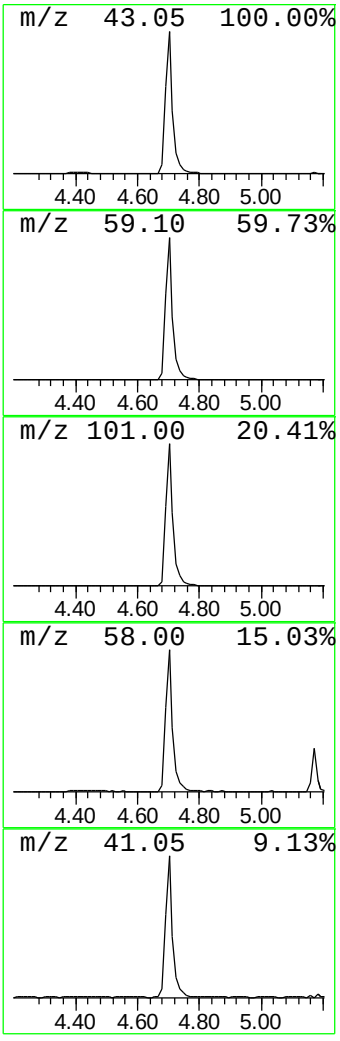
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	40.00 ng	2574450	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	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
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Operator : UM/SJ
Sample : I1162-08
Misc :
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Instrument : BNA_F
ClientSampleId : SB-47-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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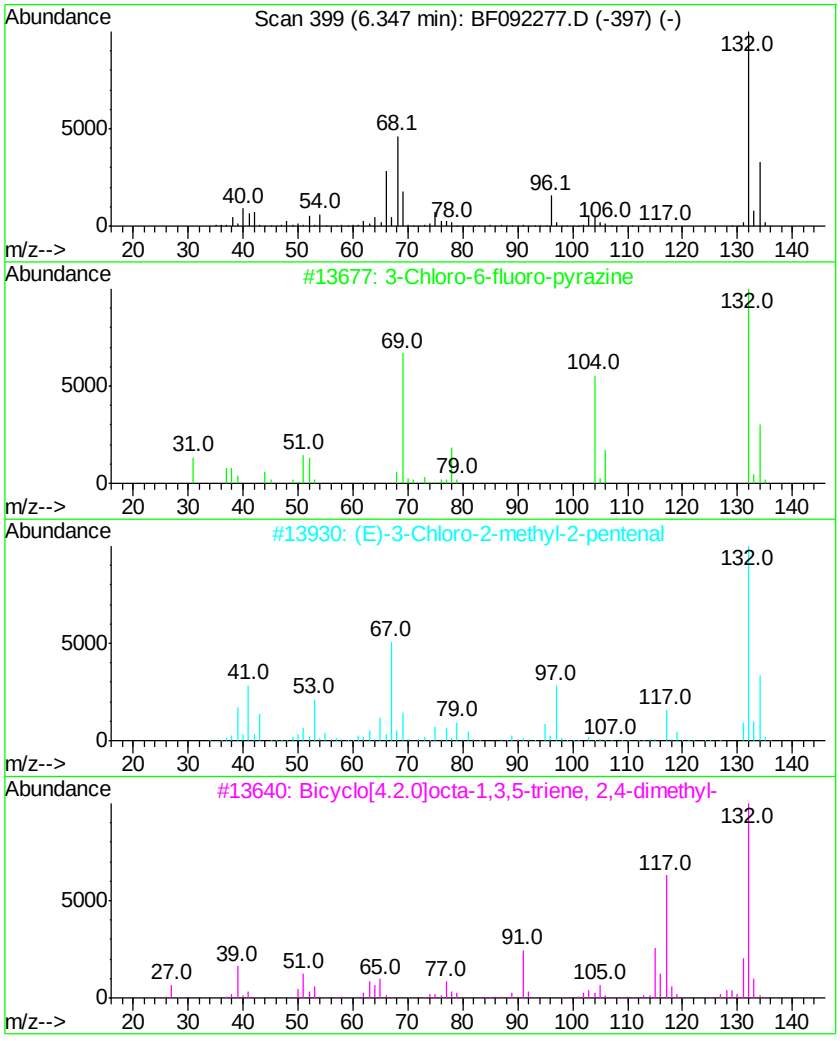
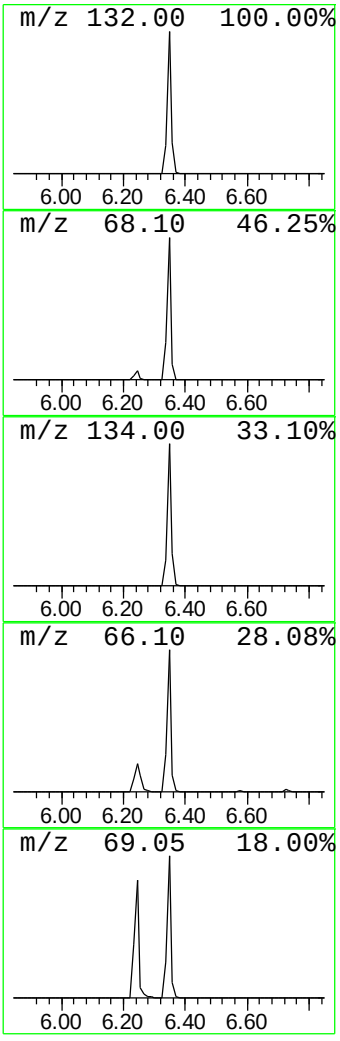
Peak Number 2 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	77.05 ng	4959510	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	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : I1162-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-47-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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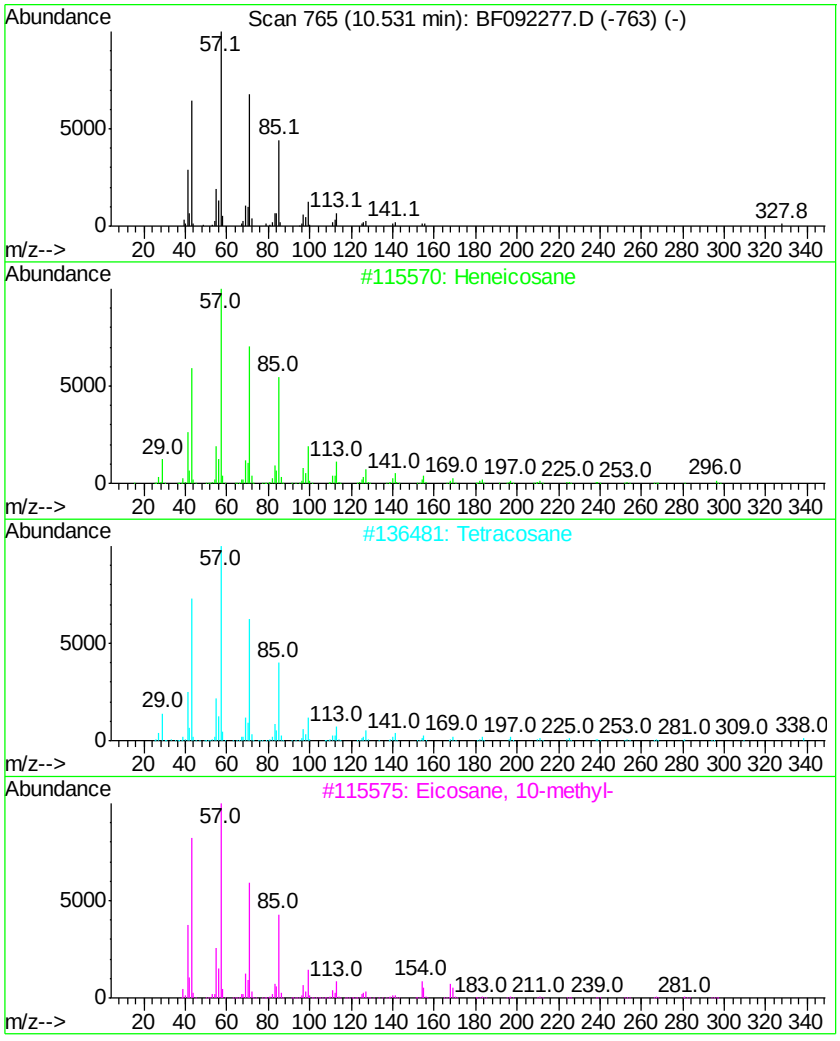
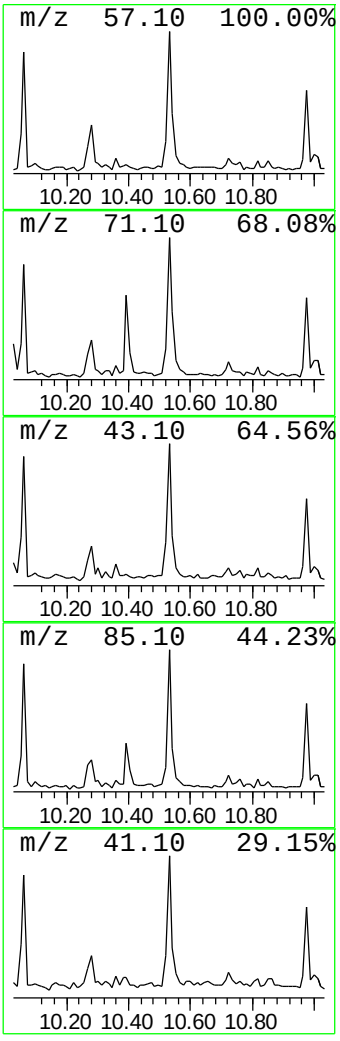
Peak Number 4 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.83 ng	190076	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90





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Sample : I1162-08
Misc :
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Instrument : BNA_F
ClientSampleId : SB-47-COMP

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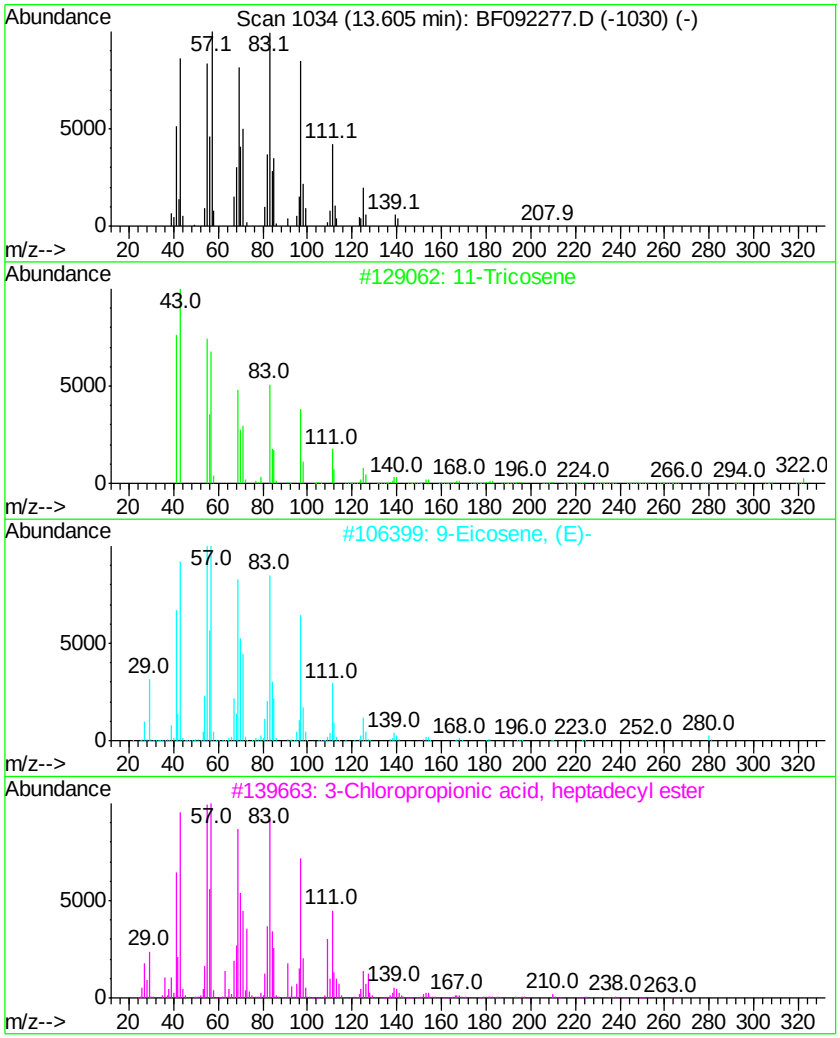
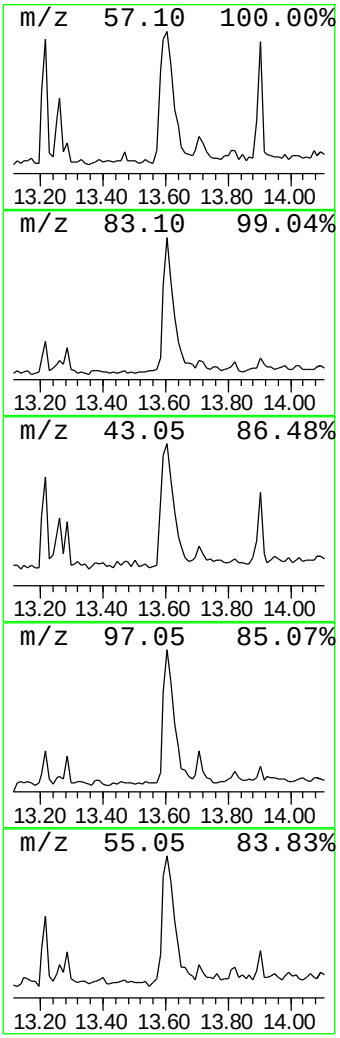
Peak Number 5 11-Tricosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.41 ng	228355	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	91
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	81





Tentatively Identified Compound (LSC) summary

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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...	4.70	40.0	ng	2574450	1	6.58	1287270	20.0
unknown6.35	6.35	77.0	ng	4959510	1	6.58	1287270	20.0
Heneicosane	10.53	2.8	ng	190076	4	11.09	1344050	20.0
11-Tricosene	13.61	3.4	ng	228355	5	13.71	1338360	20.0