LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093201.D
Acq On : 27 Feb 2017 11:42
Operator : SJ/MA
Sample : I1957-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SRI-SB-X(8-10)20170222

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-BF013017.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	4.316	192	195	198	rBV	2411906	3204109	30.60%	7.496%
2	5.024	251	257	260	rBV	4199198	10472285	100.00%	24.501%
3	5.424	290	292	295	rBV	1899222	1755317	16.76%	4.107%
4	6.476	381	384	386	rBV	2929152	3229188	30.84%	7.555%
5	6.590	392	394	397	rBV	1813063	1888588	18.03%	4.419%
6	6.819	412	414	417	rBV	795878	1045960	9.99%	2.447%
7	6.979	426	428	431	rBV	2337811	2474679	23.63%	5.790%
8	7.402	462	465	467	rBV	2053962	2375098	22.68%	5.557%
9	8.122	525	528	530	rBV	1443517	1475405	14.09%	3.452%
10	9.208	619	623	625	rBV	3484065	3888630	37.13%	9.098%
11	9.608	655	658	660	rVB	150729	201179	1.92%	0.471%
12	9.882	679	682	685	rVV	1696938	1541279	14.72%	3.606%
13	10.316	718	720	722	rVB	219342	169851	1.62%	0.397%
14	10.671	749	751	754	rBV2	639734	776646	7.42%	1.817%
15	10.796	760	762	765	rBV	210947	341204	3.26%	0.798%
16	11.242	798	801	802	rBV	182034	179521	1.71%	0.420%
17	11.368	810	812	815	rBV	1072258	1504404	14.37%	3.520%
18	11.665	836	838	840	rBV	163480	128279	1.22%	0.300%
19	12.957	948	951	953	rBV	3476962	3269316	31.22%	7.649%
20	13.425	987	992	995	rBV	72765	125426	1.20%	0.293%
21	13.848	1026	1029	1035	rBV3	156032	263624	2.52%	0.617%
22	14.008	1040	1043	1045	rVB	1223786	1374183	13.12%	3.215%
23	15.437	1165	1168	1171	rBV	797209	1058502	10.11%	2.476%

Sum of corrected areas: 42742673

LSC Report - Integrated Chromatogram

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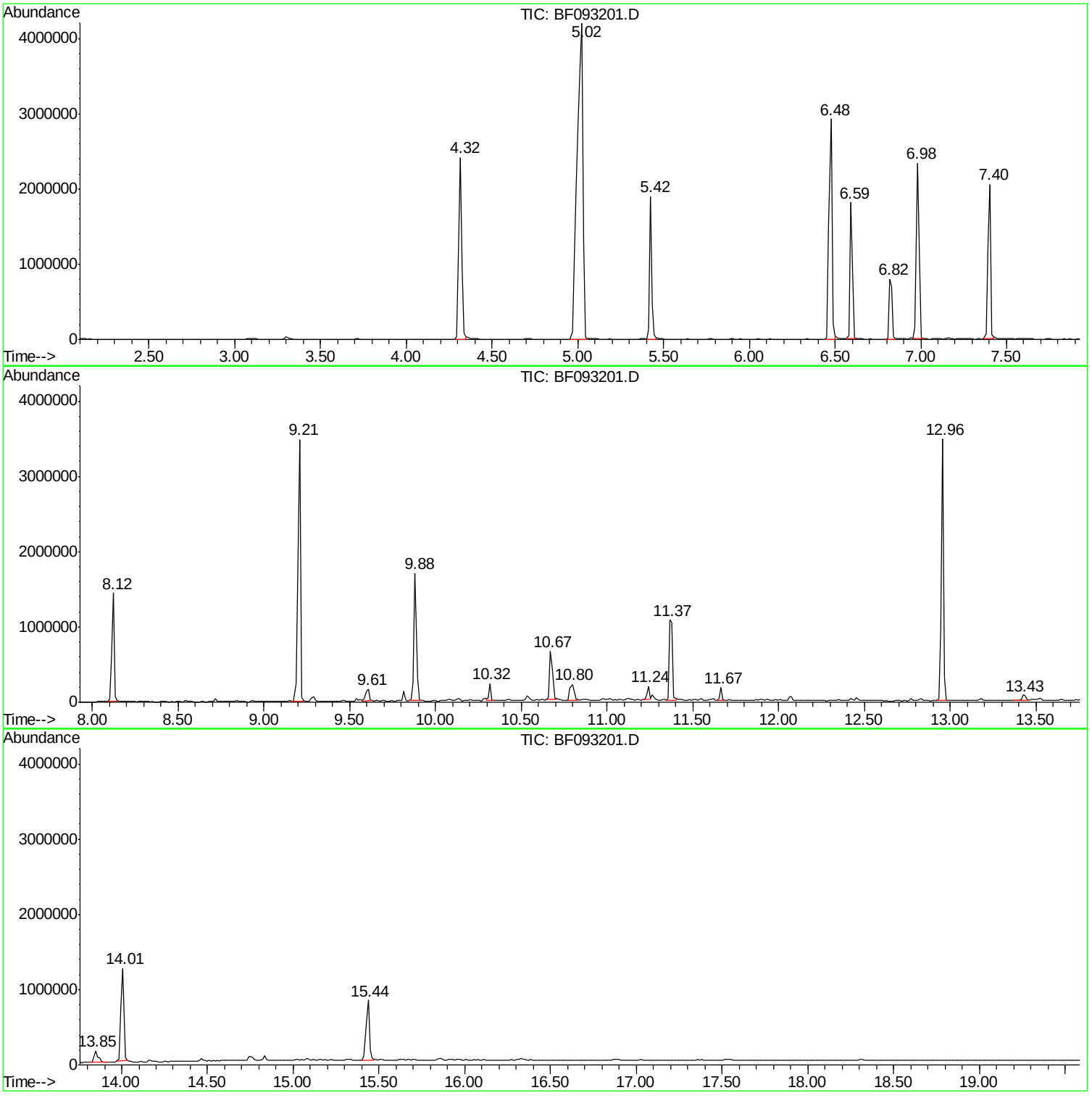
Instrument :
BNA_F
ClientSampleId :
SRI-SB-X(8-10)20170222

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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Operator : SJ/MA
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

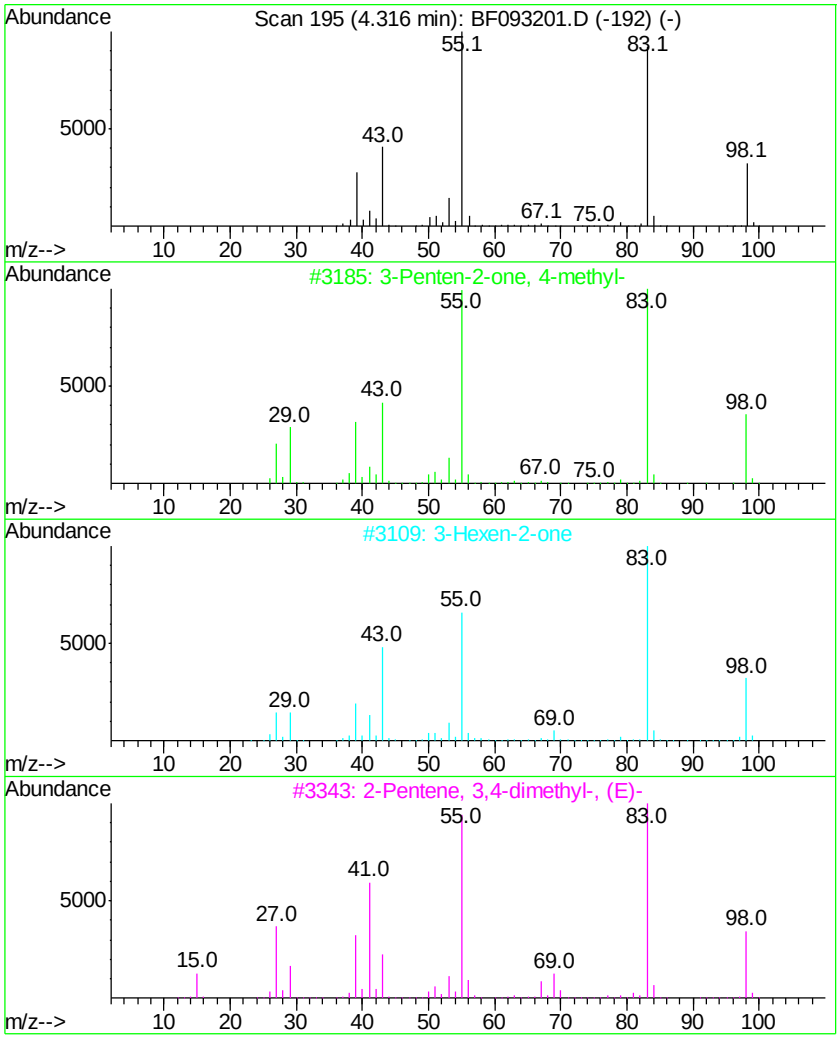
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

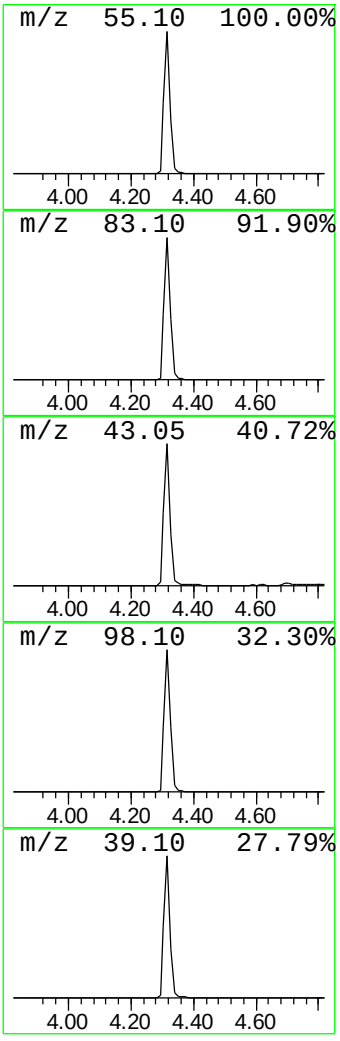
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	61.27 ng	3204110	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Instrument : BNA_F
ClientSampleId : SRI-SB-X(8-10)20170222

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

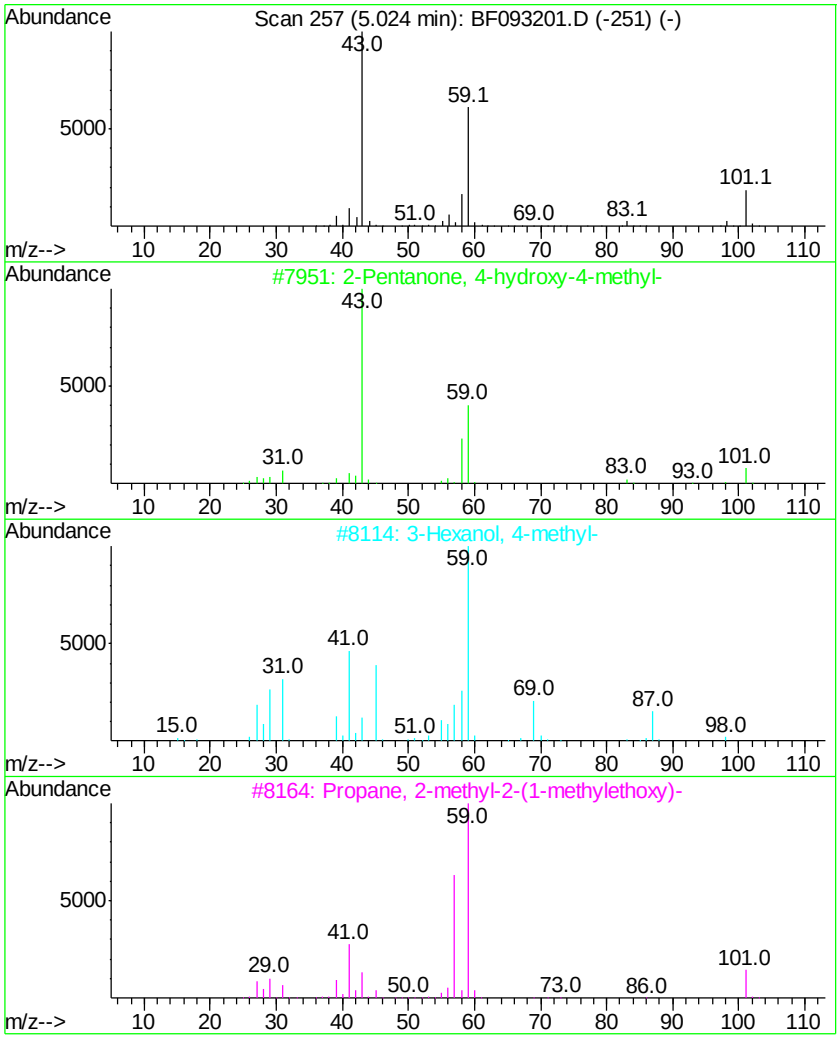
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

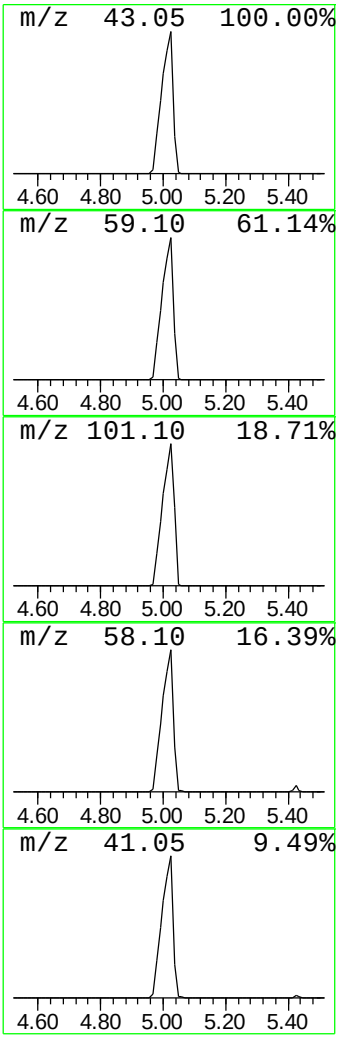
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	200.24 ng	10472300	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	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Data File : BF093201.D
Acq On : 27 Feb 2017 11:42
Operator : SJ/MA
Sample : I1957-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SRI-SB-X(8-10)20170222

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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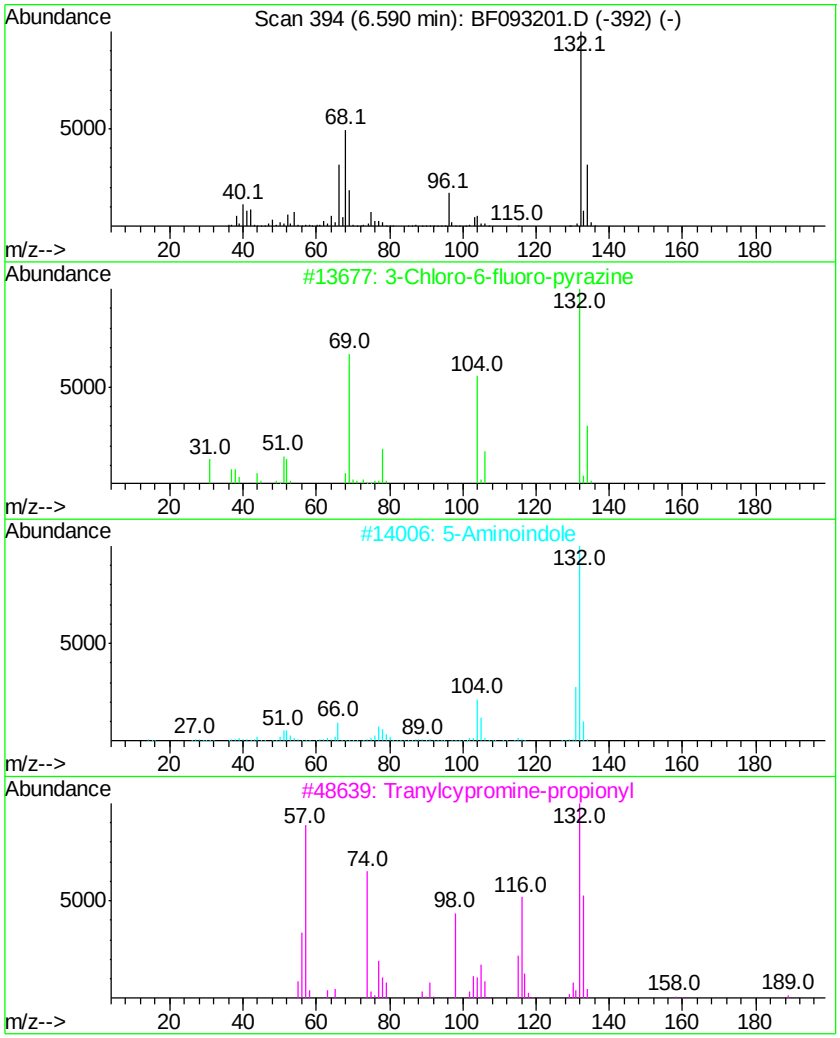
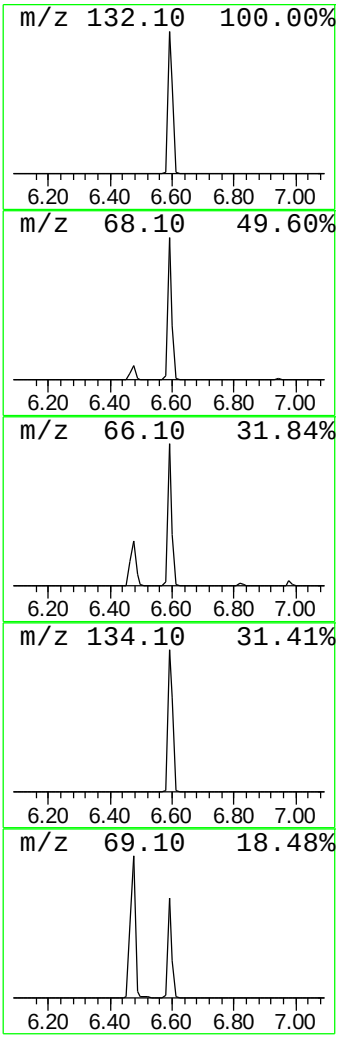
Peak Number 3 unknown6.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	36.11 ng	1888590	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	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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





Library Search Compound Report

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Sample : I1957-14
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-X(8-10)20170222

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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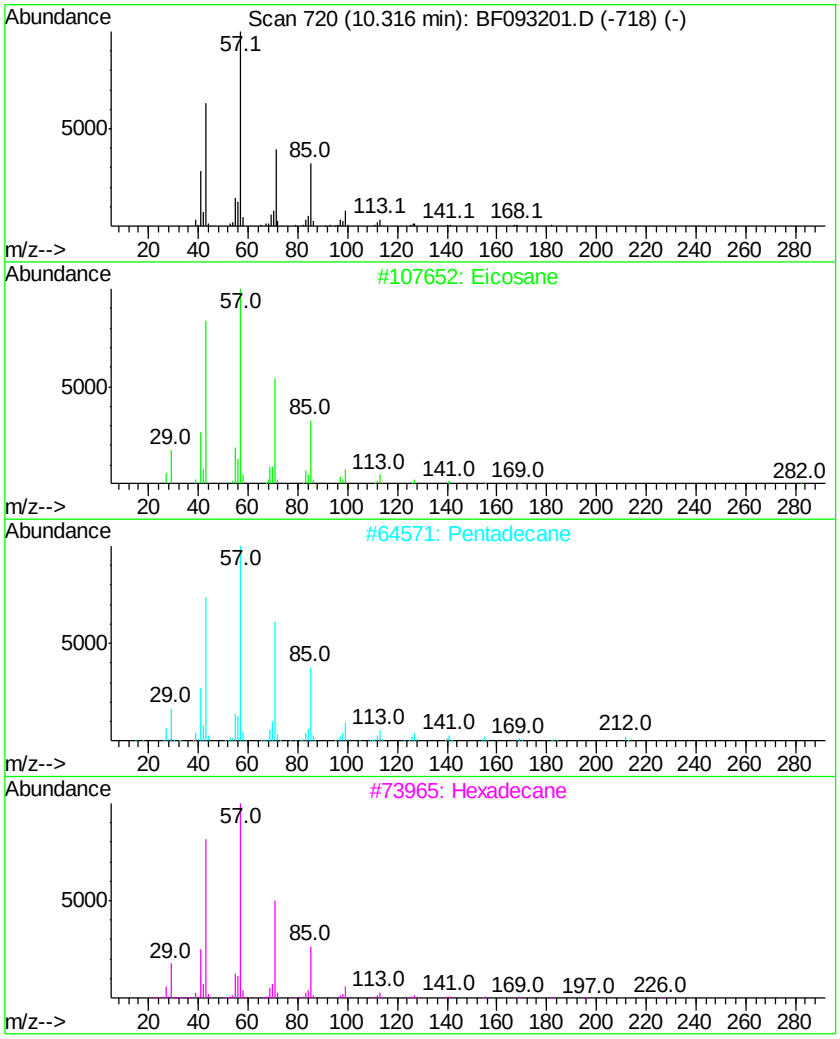
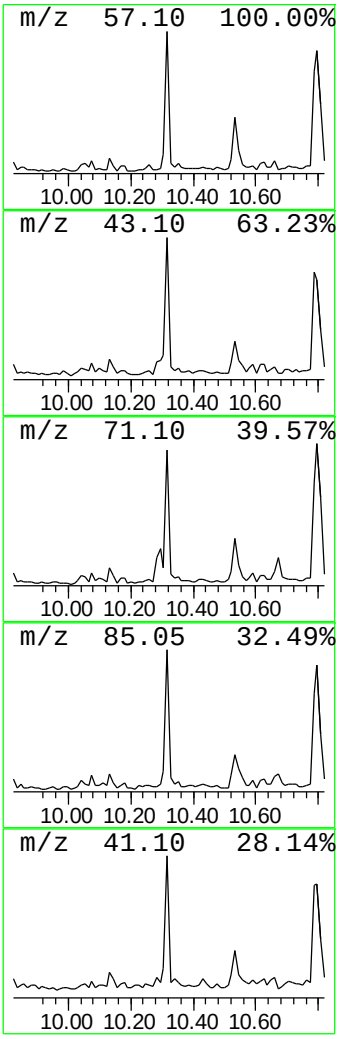
Peak Number 5 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.20 ng	169851	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

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Operator : SJ/MA
Sample : I1957-14
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Instrument : BNA_F
ClientSampleId : SRI-SB-X(8-10)20170222

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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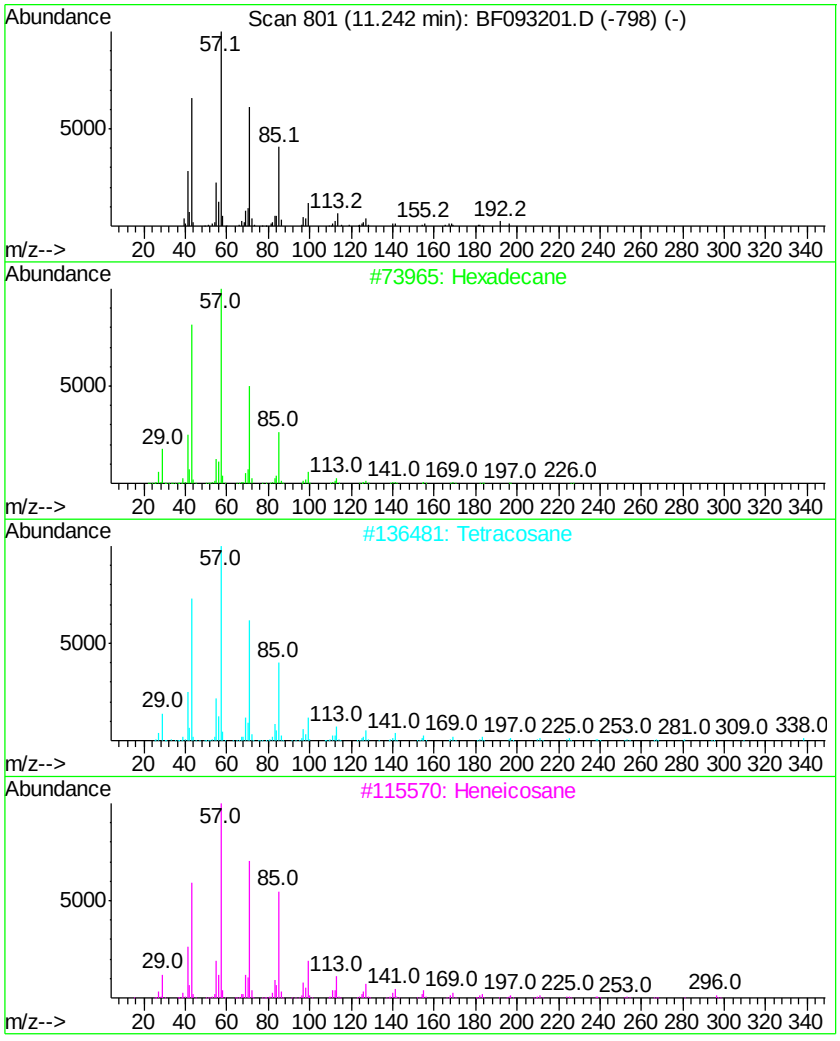
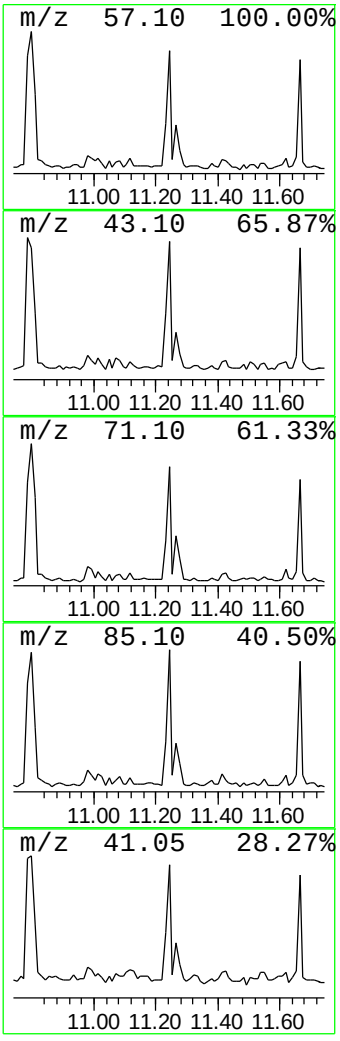
Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.39 ng	179521	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5	Heptadecane	240	C17H36	000629-78-7	90





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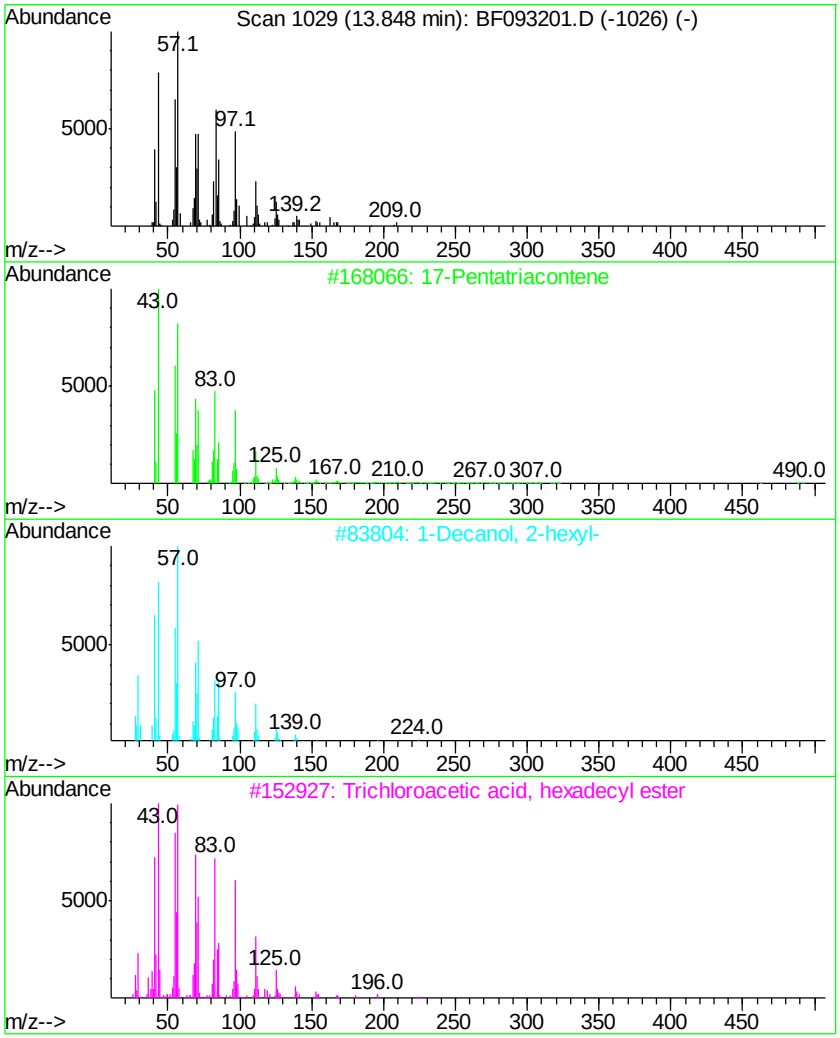
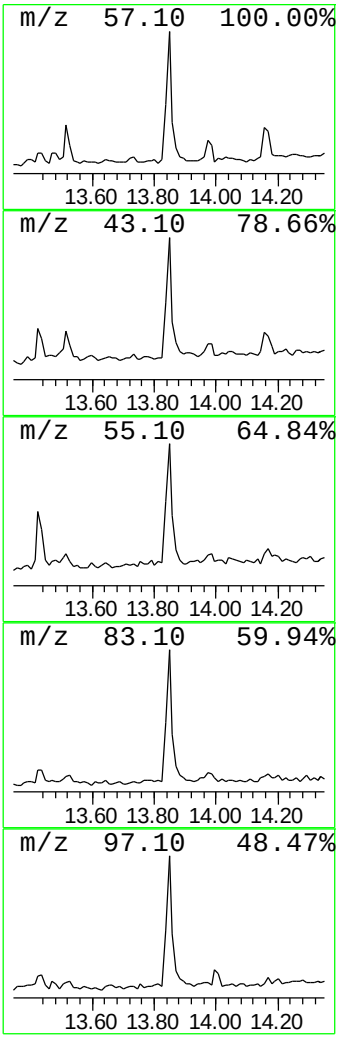
Peak Number 8 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.84 ng	263624	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	74





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.32	61.3	ng	3204110	1	6.83	1045960	20.0
2-Pentanone, 4-hy...	5.02	200.2	ng	10472300	1	6.83	1045960	20.0
unknown6.59	6.59	36.1	ng	1888590	1	6.83	1045960	20.0
Eicosane	10.32	2.2	ng	169851	3	9.88	1541280	20.0
Hexadecane	11.24	2.4	ng	179521	4	11.38	1504400	20.0
17-Pentatriacontene	13.85	3.8	ng	263624	5	14.01	1374180	20.0