LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086899.D
Acq On : 11 May 2016 20:36
Operator : UM/SJ
Sample : H2917-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

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-BF050916.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	1.644	3	5	13	rVB	296199	604479	6.69%	1.355%
2	1.747	13	14	67	rVB	3736342	9030945	100.00%	20.244%
3	4.033	210	214	226	rBV	2408150	3600675	39.87%	8.071%
4	4.764	274	278	281	rBV	2351566	3573938	39.57%	8.011%
5	5.222	316	318	334	rBV	656505	961176	10.64%	2.155%
6	5.622	351	353	355	rBV	724645	690037	7.64%	1.547%
7	6.284	409	411	419	rBV	444933	653493	7.24%	1.465%
8	6.399	419	421	427	rBV	2068454	1988279	22.02%	4.457%
9	6.627	439	441	447	rBV	1056287	1001504	11.09%	2.245%
10	6.787	452	455	457	rBV	2585852	2758279	30.54%	6.183%
11	7.199	488	491	494	rBV	2050060	2252450	24.94%	5.049%
12	7.919	551	554	556	rBV	1307450	1271433	14.08%	2.850%
13	8.993	645	648	651	rBV	3052210	4131270	45.75%	9.261%
14	9.668	704	707	709	rBV	1553088	1449252	16.05%	3.249%
15	10.113	743	746	747	rBV	103899	106050	1.17%	0.238%
16	10.456	773	776	778	rBV	1623146	1861718	20.61%	4.173%
17	10.582	784	787	794	rVB	147617	184955	2.05%	0.415%
18	11.142	834	836	838	rBV	1637128	1417194	15.69%	3.177%
19	11.691	882	884	895	rBV2	227255	388042	4.30%	0.870%
20	12.731	972	975	977	rBV	4379091	4344702	48.11%	9.739%
21	13.771	1063	1066	1068	rBV	1183235	1271876	14.08%	2.851%
22	14.571	1130	1136	1138	rBV4	41968	92923	1.03%	0.208%
23	15.131	1182	1185	1192	rBV	788125	976840	10.82%	2.190%

Sum of corrected areas: 44611510

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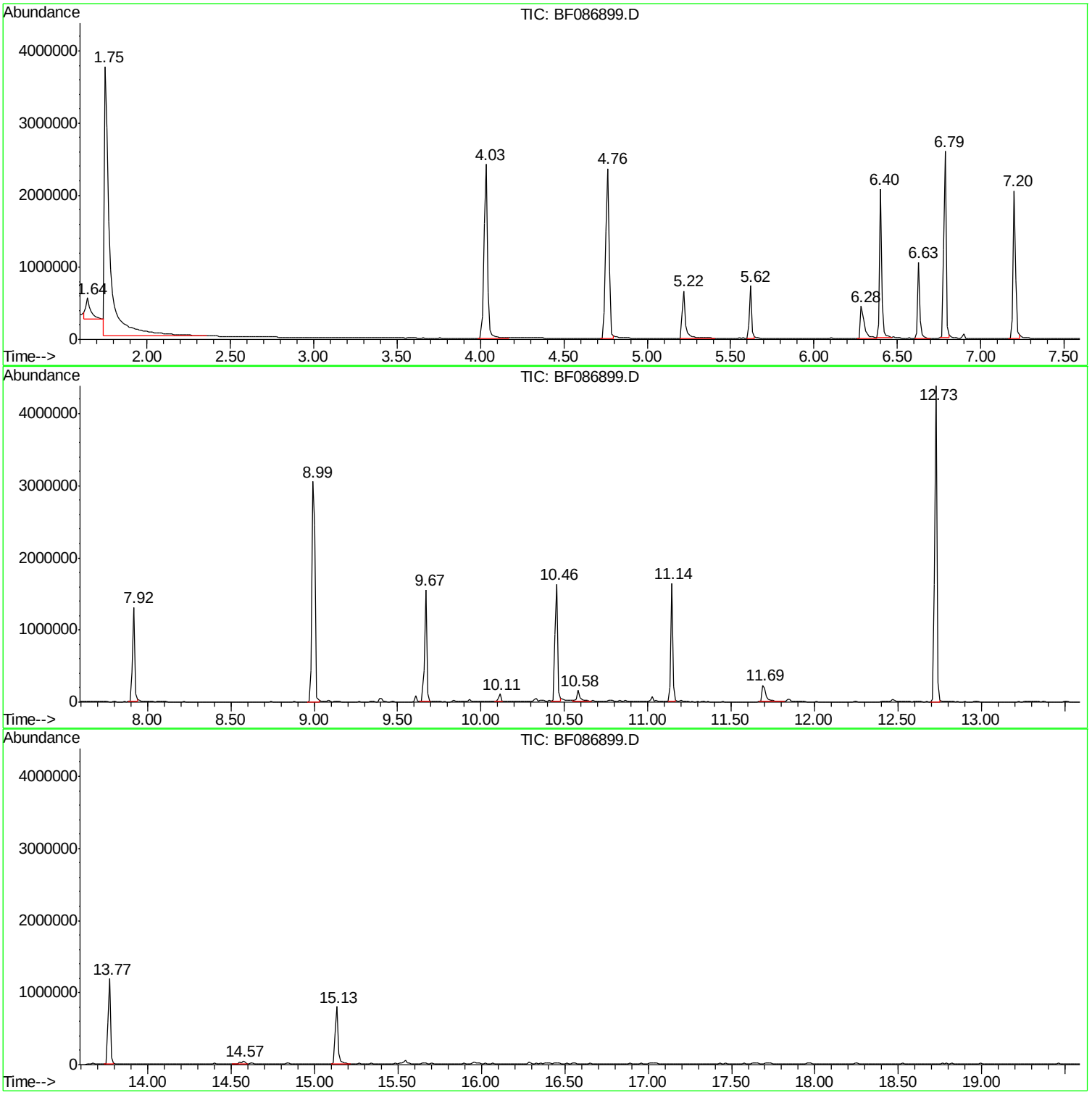
ClientSampleId :
SES-CS-EF-Q2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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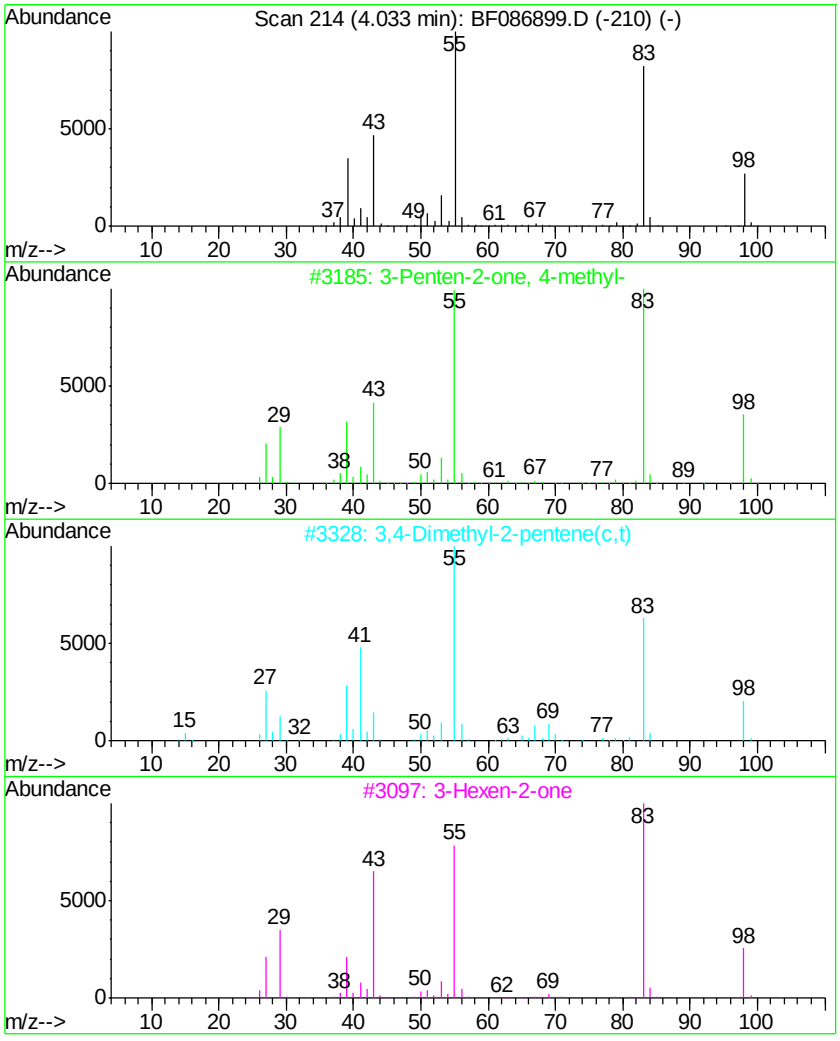
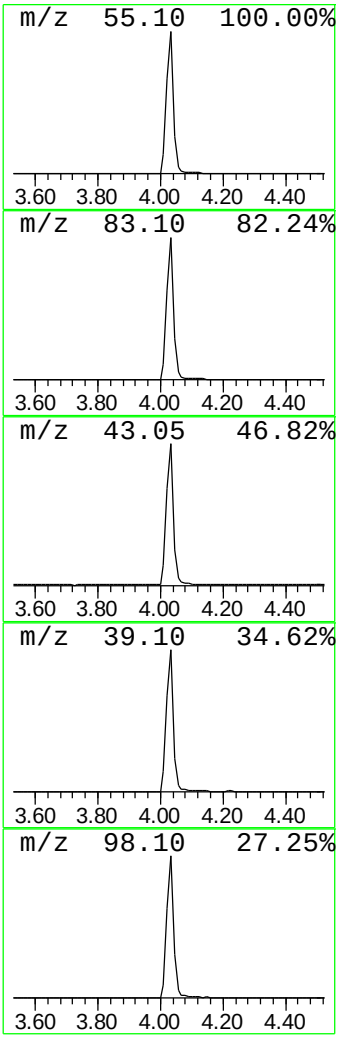
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	71.91 ng	3600680	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
3	3-Hexen-2-one	98	C6H10O	000763-93-9	80
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72





Library Search Compound Report

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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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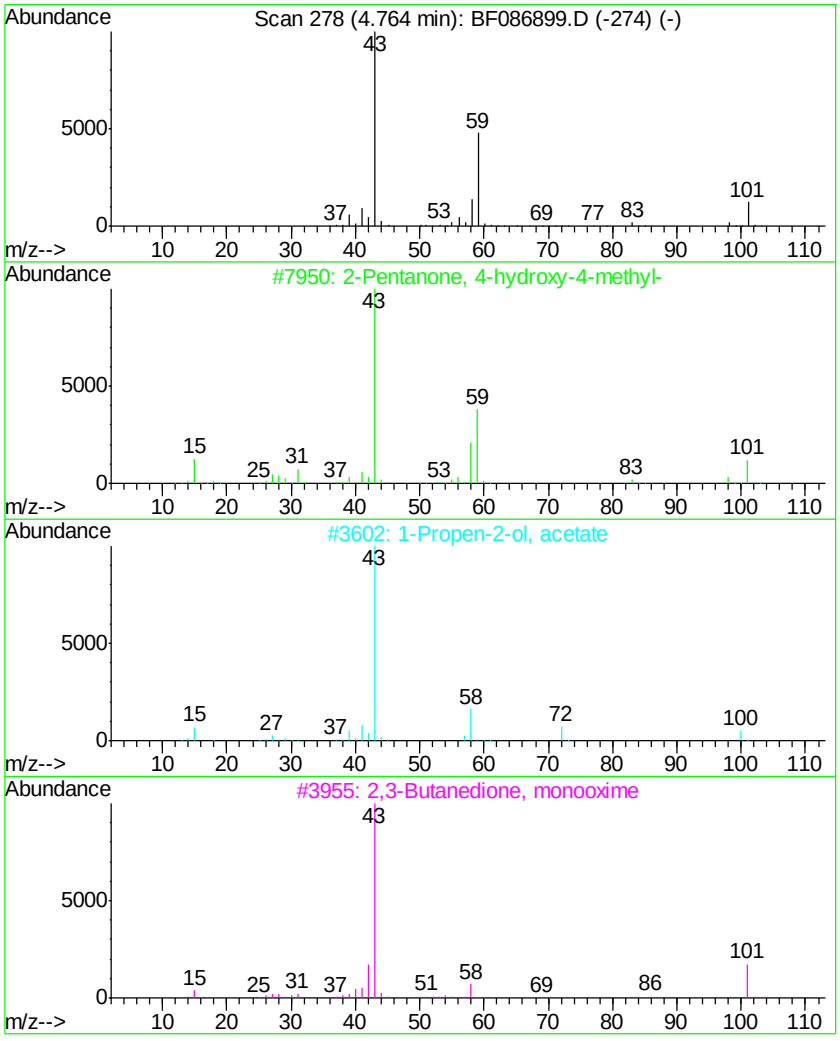
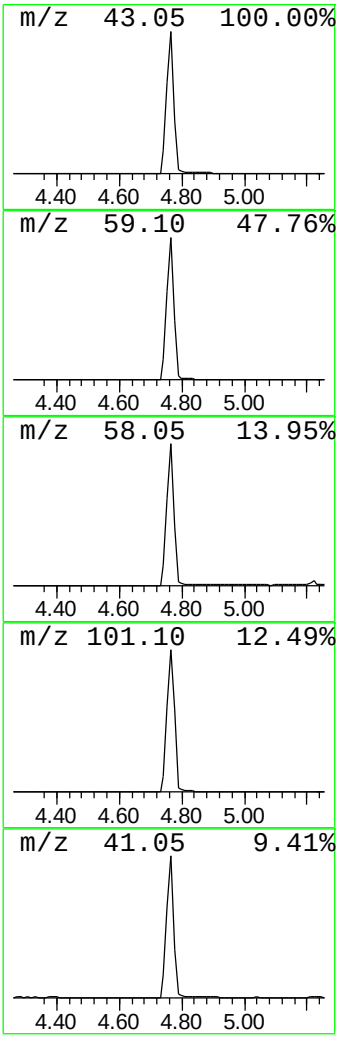
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	71.37 ng	3573940	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Library Search Compound Report

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Operator : UM/SJ
Sample : H2917-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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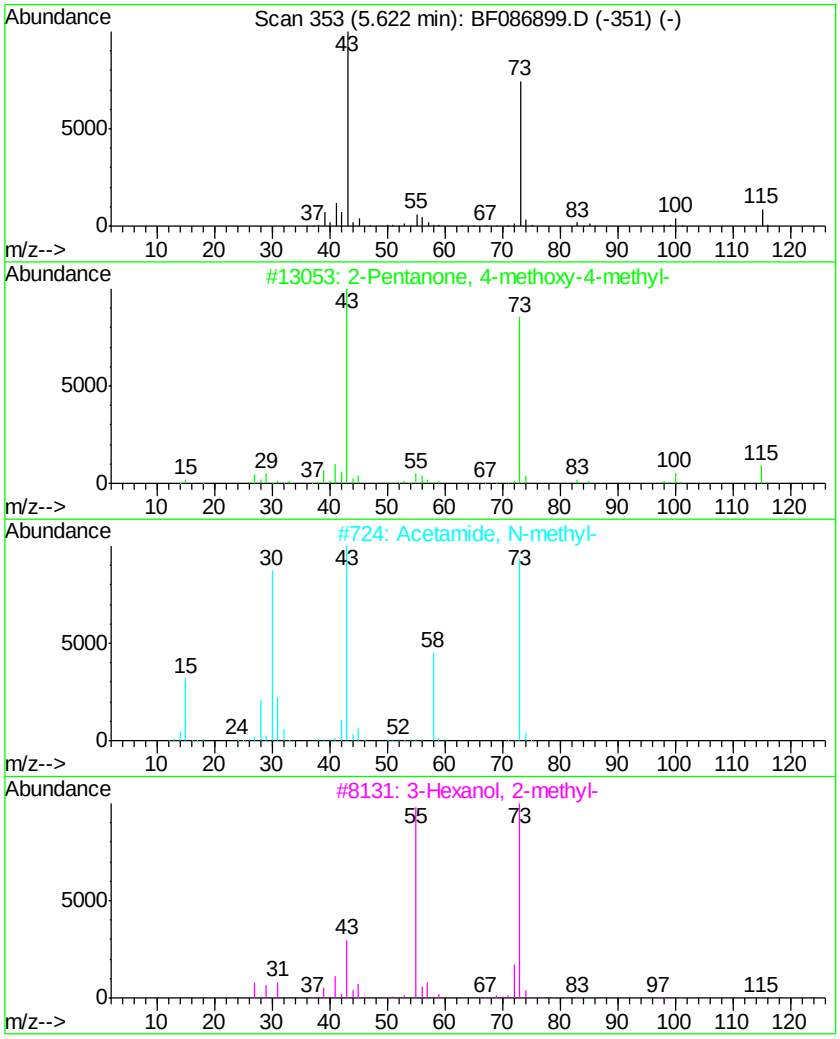
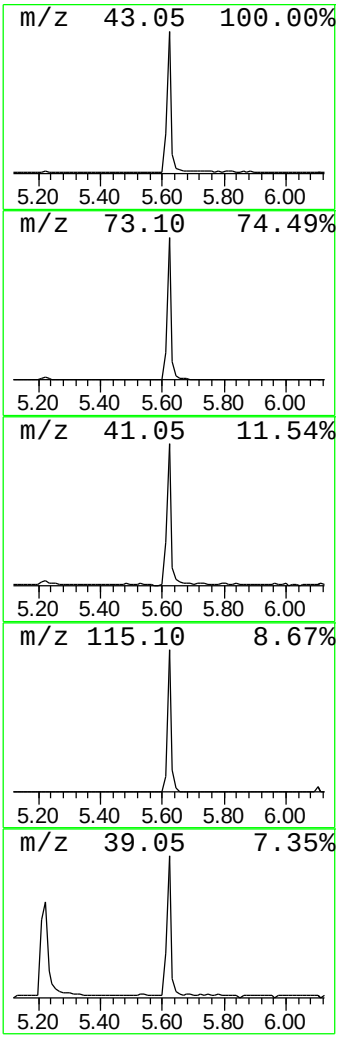
****

Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	13.78 ng	690037	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	12
4	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	12
5	Heptane	100	C7H16	000142-82-5	9





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Sample : H2917-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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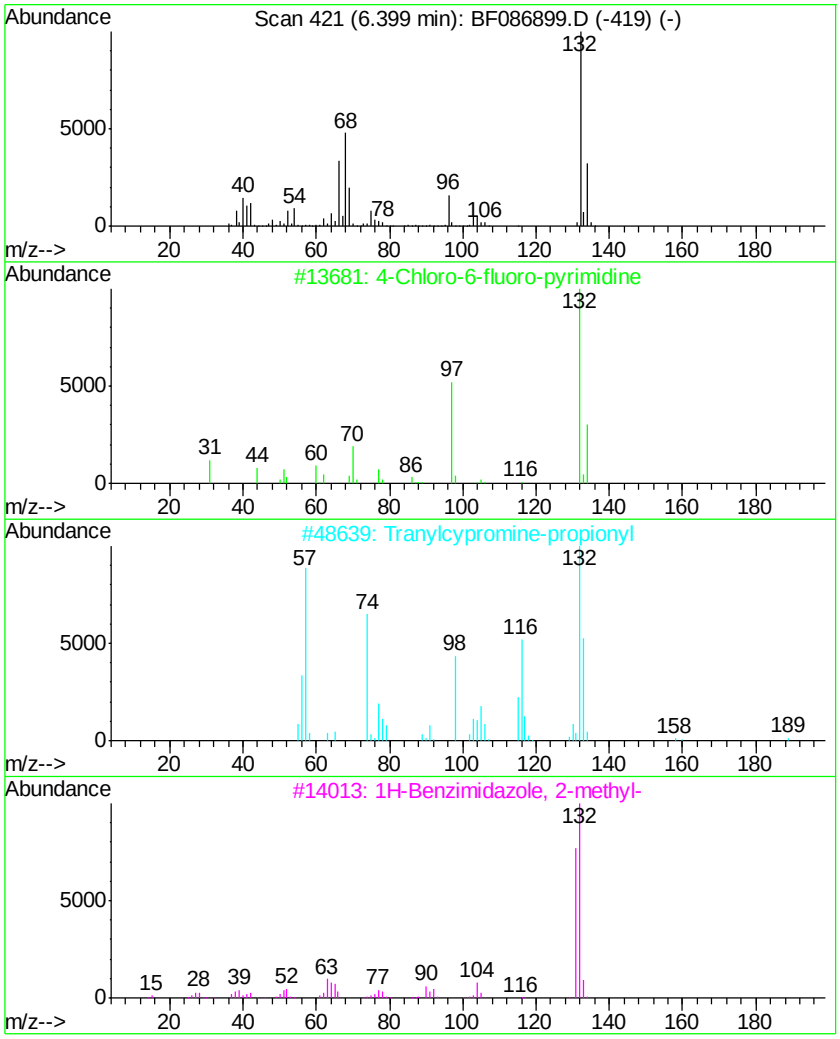
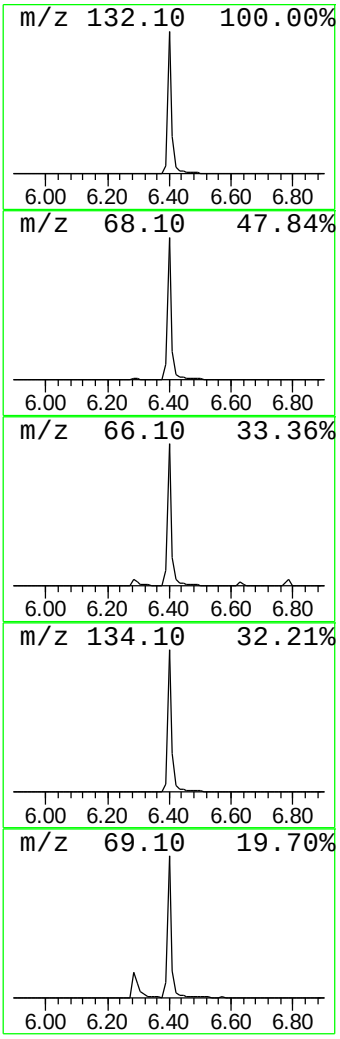
Peak Number 6 unknown6.40 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	39.71 ng	1988280	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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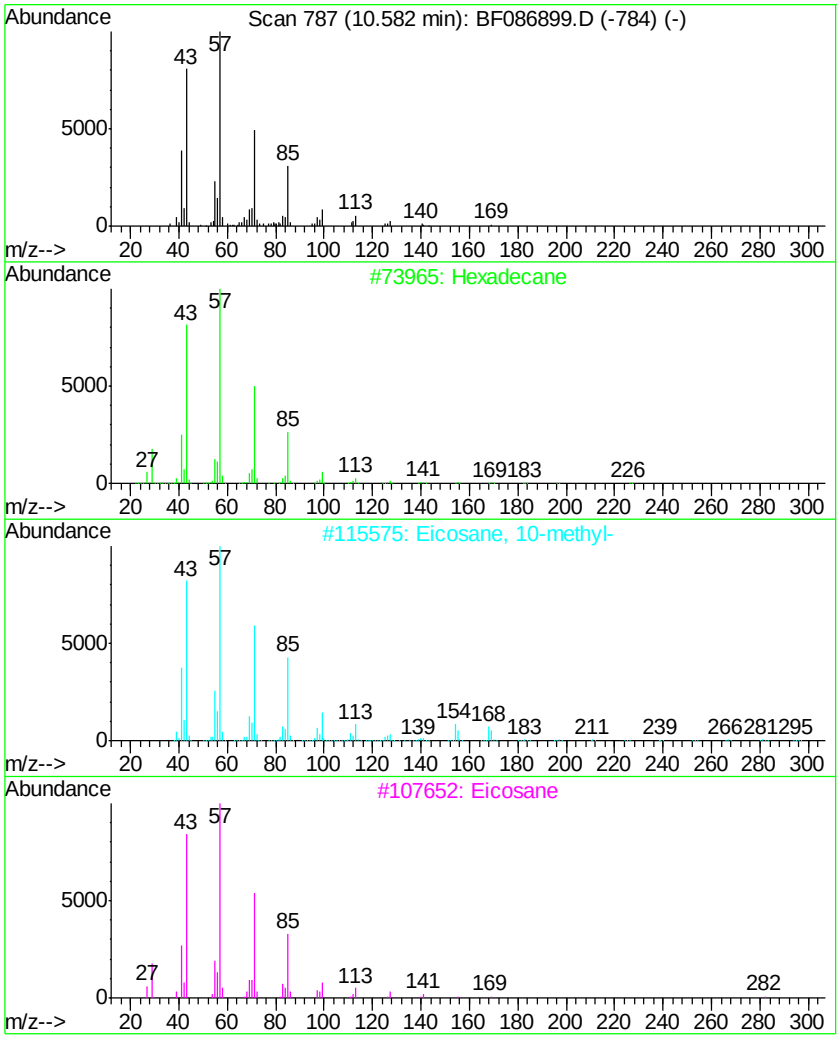
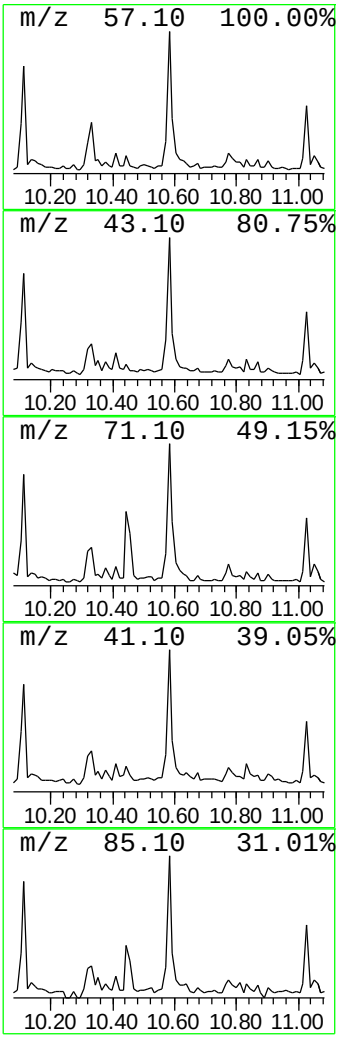
****

Peak Number 8 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.61 ng	184955	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane	184	C13H28	000629-50-5	86





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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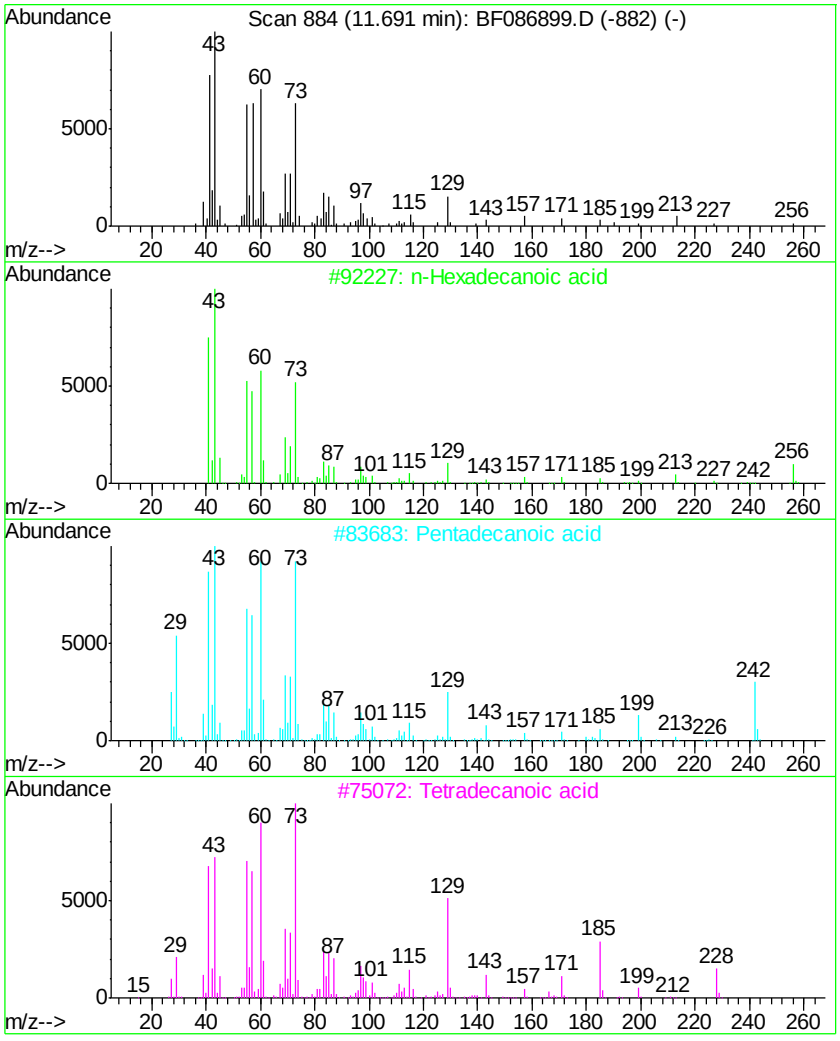
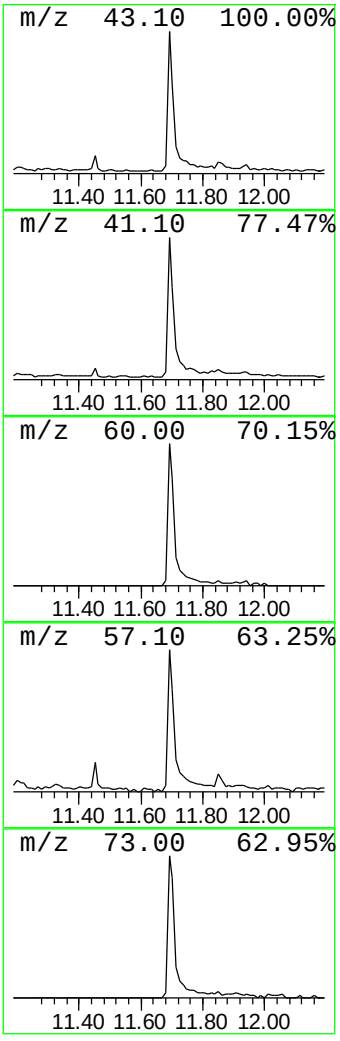
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.48 ng	388042	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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
3-Penten-2-one, 4...	4.03	71.9	ng	3600680	1	6.63	1001500	20.0
2-Pentanone, 4-hy...	4.76	71.4	ng	3573940	1	6.63	1001500	20.0
2-Pentanone, 4-me...	5.62	13.8	ng	690037	1	6.63	1001500	20.0
unknown6.40	6.40	39.7	ng	1988280	1	6.63	1001500	20.0
Hexadecane	10.58	2.6	ng	184955	4	11.14	1417190	20.0
n-Hexadecanoic acid	11.69	5.5	ng	388042	4	11.14	1417190	20.0