LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084651.D
Acq On : 29 Jan 2016 22:42
Operator : SJ/IZ
Sample : H1273-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(45-48)

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-BF012916.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	4.190	182	184	189	rBV	234335	301996	5.04%	0.579%
2	4.887	241	245	248	rBV	2227382	4057486	67.77%	7.776%
3	5.322	281	283	286	rBV	4024557	4799770	80.17%	9.198%
4	5.722	316	318	321	rBV	220578	229441	3.83%	0.440%
5	6.373	372	375	377	rBV	4834901	5099703	85.18%	9.773%
6	6.487	383	385	388	rBV	3555677	5047293	84.31%	9.673%
7	6.727	403	406	408	rBV	776003	1058589	17.68%	2.029%
8	6.876	417	419	422	rVB	3677484	3569990	59.63%	6.841%
9	7.287	452	455	458	rBV	2751345	2982849	49.82%	5.716%
10	7.402	461	465	472	rBV	75264	132120	2.21%	0.253%
11	8.008	515	518	520	rBV	1730057	1464235	24.46%	2.806%
12	9.093	610	613	615	rBV	5235838	5986935	100.00%	11.473%
13	9.482	645	647	649	rBV	994387	1021267	17.06%	1.957%
14	9.699	664	666	669	rBV	71105	84088	1.40%	0.161%
15	9.756	669	671	674	rVB	1581063	1576581	26.33%	3.021%
16	10.179	701	708	709	rBV	40035	60686	1.01%	0.116%
17	10.202	709	710	712	rVB	147053	109904	1.84%	0.211%
18	10.419	727	729	732	rBV	41306	66195	1.11%	0.127%
19	10.545	738	740	743	rBV	3404107	3626863	60.58%	6.950%
20	10.671	750	751	756	rBV	125120	171614	2.87%	0.329%
21	11.116	789	790	792	rBV	81523	97530	1.63%	0.187%
22	11.242	798	801	803	rVB	1664232	1647182	27.51%	3.157%
23	12.831	937	940	942	rBV	5884102	5873835	98.11%	11.256%
24	13.768	1018	1022	1028	rBV2	51276	195712	3.27%	0.375%
25	13.871	1028	1031	1033	rVV	1733711	1643703	27.45%	3.150%
26	15.254	1149	1152	1155	rBV	1116018	1276278	21.32%	2.446%

Sum of corrected areas: 52181845

LSC Report - Integrated Chromatogram

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Misc :
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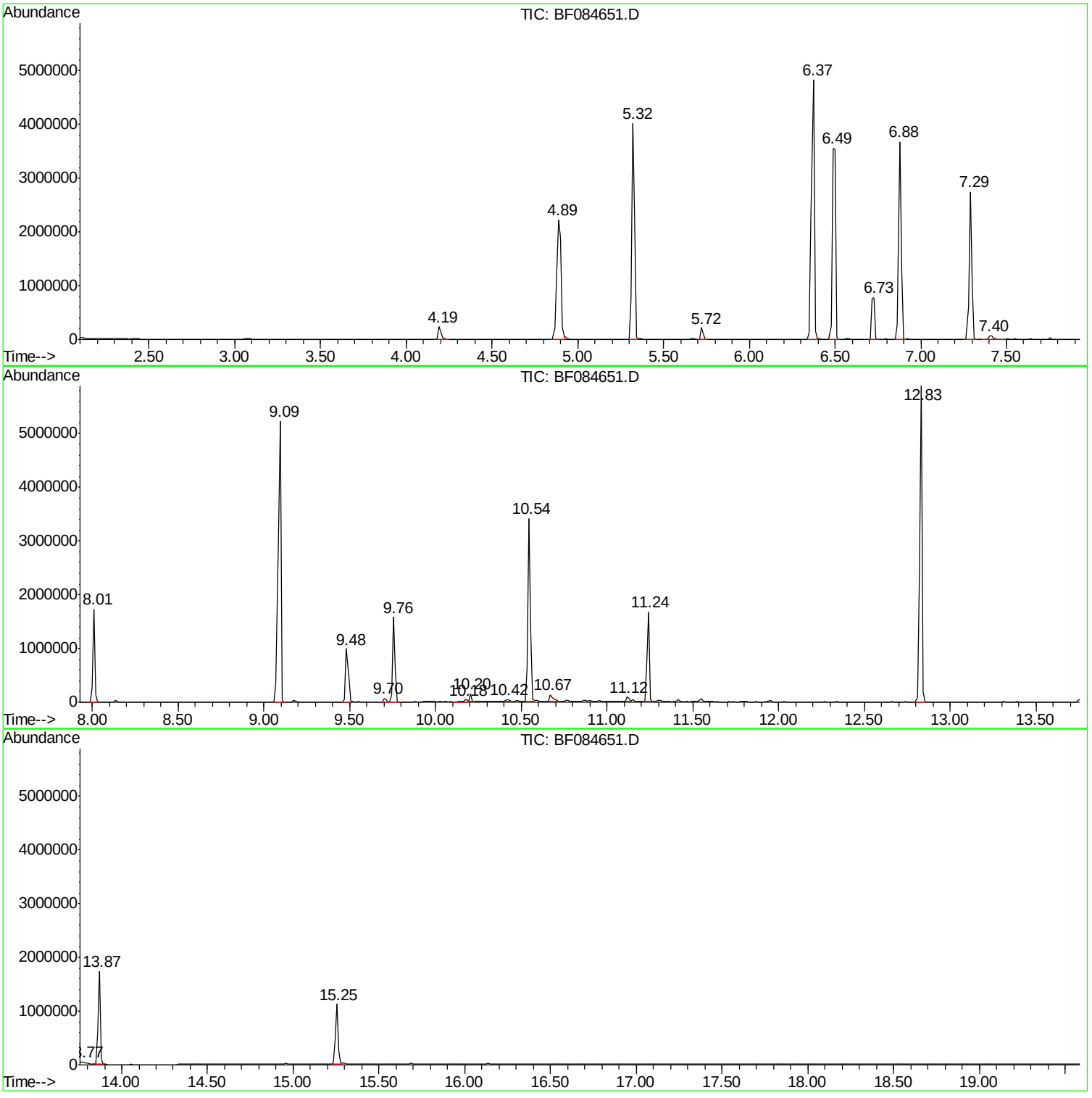
Instrument :
BNA_F
ClientSampleId :
SUP-B010(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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\BF012916\
Data File : BF084651.D
Acq On : 29 Jan 2016 22:42
Operator : SJ/IZ
Sample : H1273-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

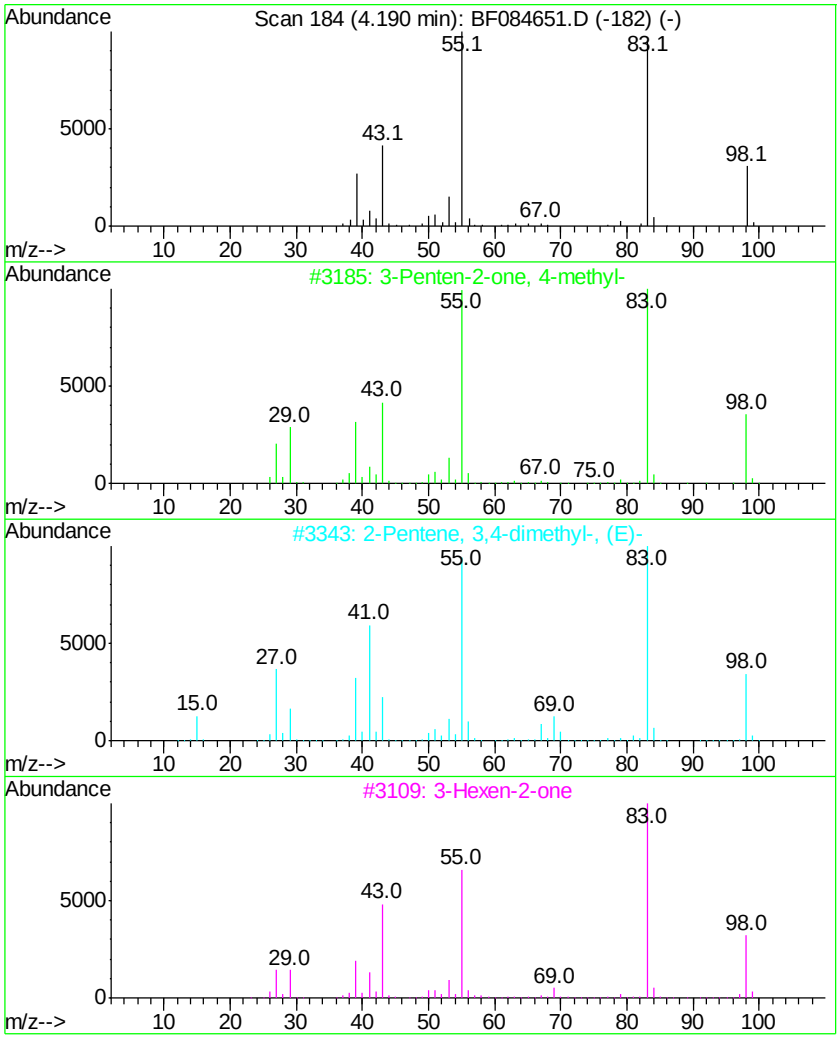
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

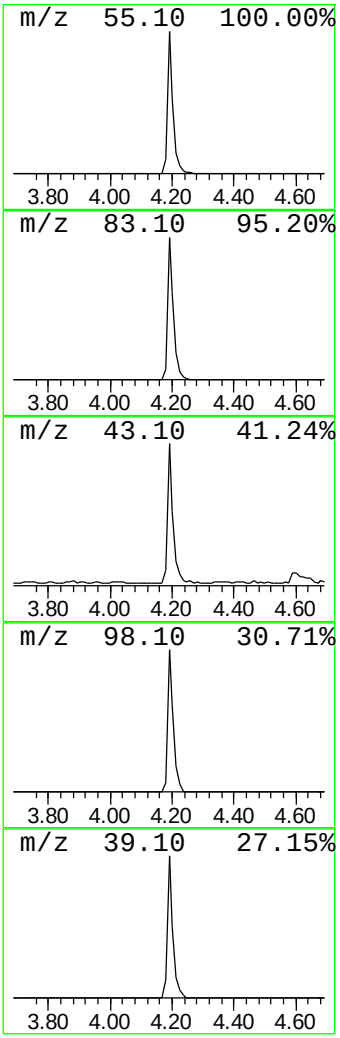
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	5.71 ng	301996	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
3	3-Hexen-2-one	98	C6H10O	000763-93-9	78
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72





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Data File : BF084651.D
Acq On : 29 Jan 2016 22:42
Operator : SJ/IZ
Sample : H1273-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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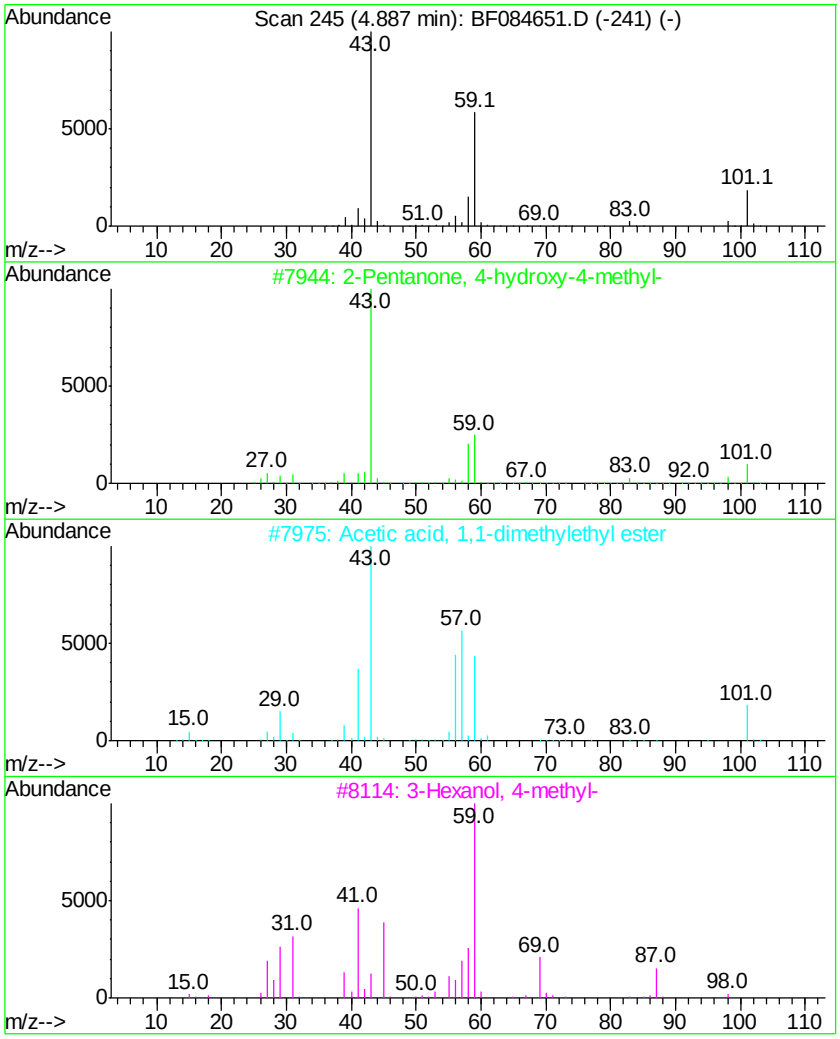
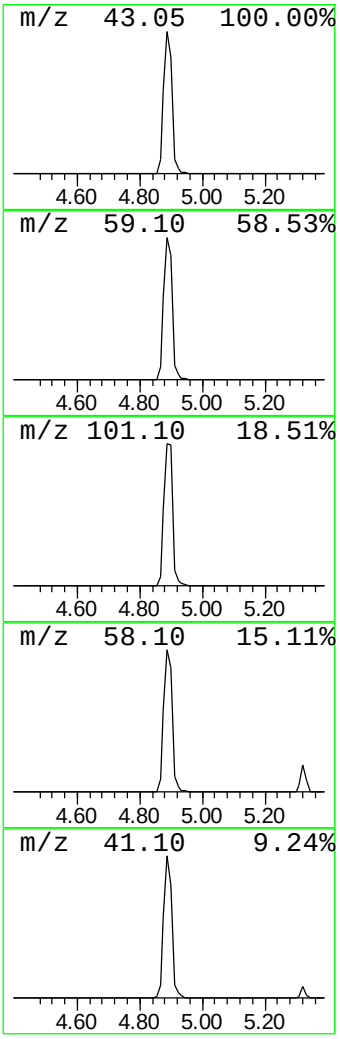
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	76.66 ng	4057490	1,4-Dichlorobenzene-d4	6.73

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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084651.D
Acq On : 29 Jan 2016 22:42
Operator : SJ/IZ
Sample : H1273-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

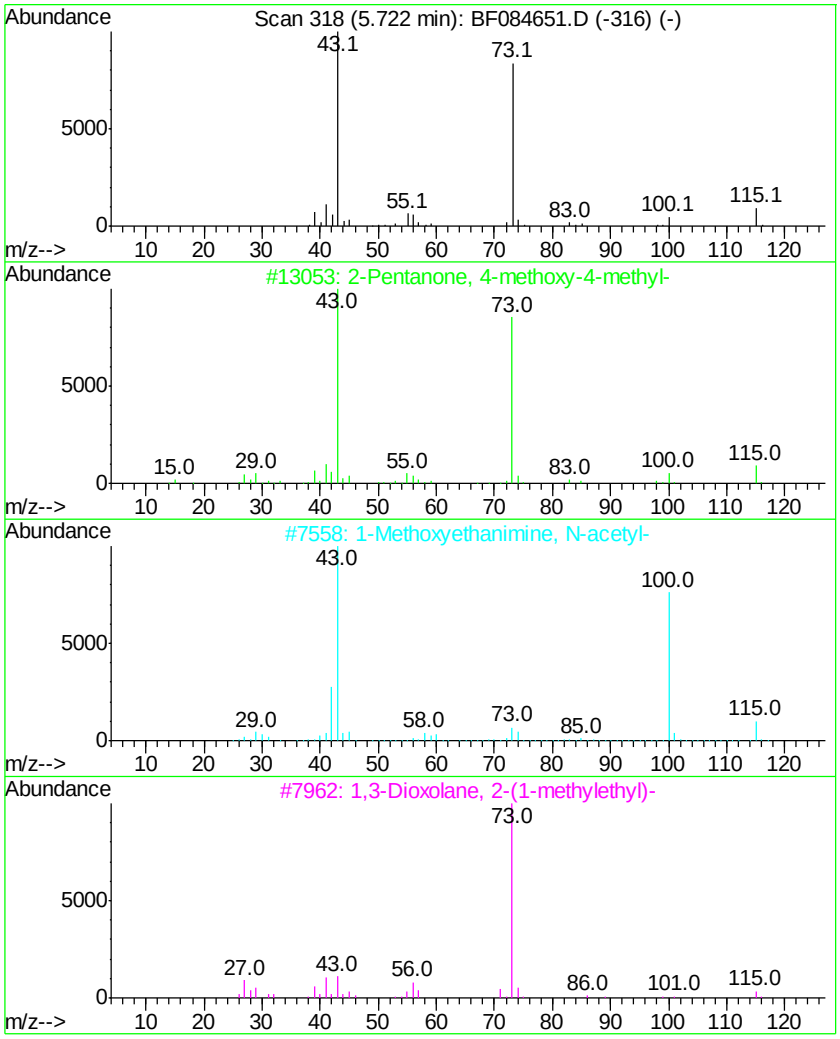
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

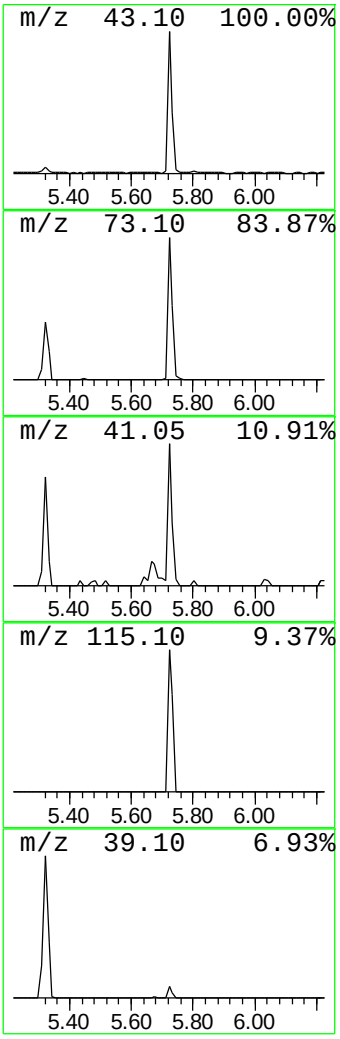
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	4.33 ng	229441	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	90
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	37
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	25
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	10
5	Ethanone, 1-(3-ethyloxiranyl)-	114	C6H10O2	017257-81-7	10





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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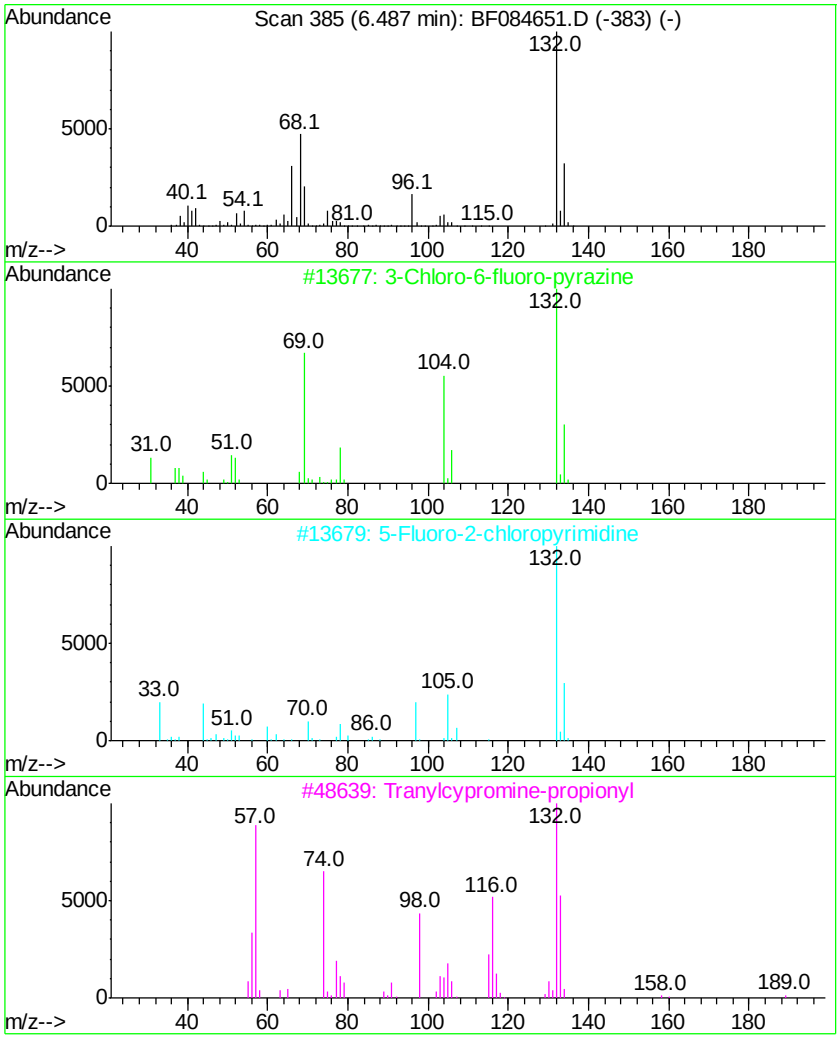
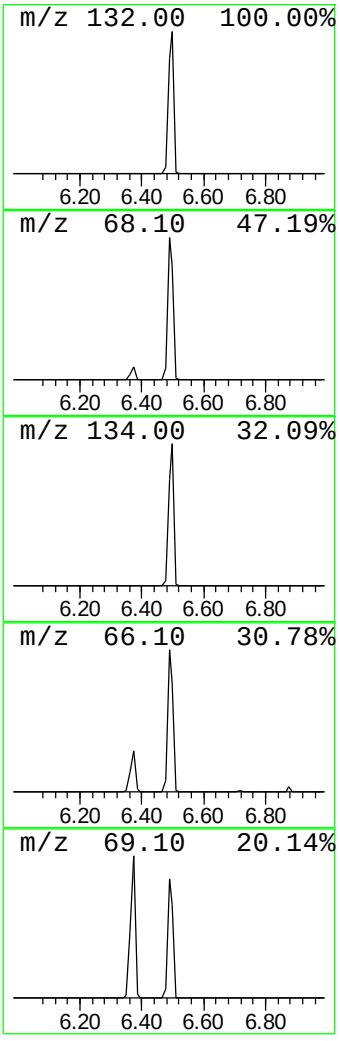
Peak Number 4 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	95.36 ng	5047290	1,4-Dichlorobenzene-d4	6.73

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : SJ/IZ
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Instrument : BNA_F
ClientSampleId : SUP-B010(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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TIC Library : C:\DATABASE\NIST02.L
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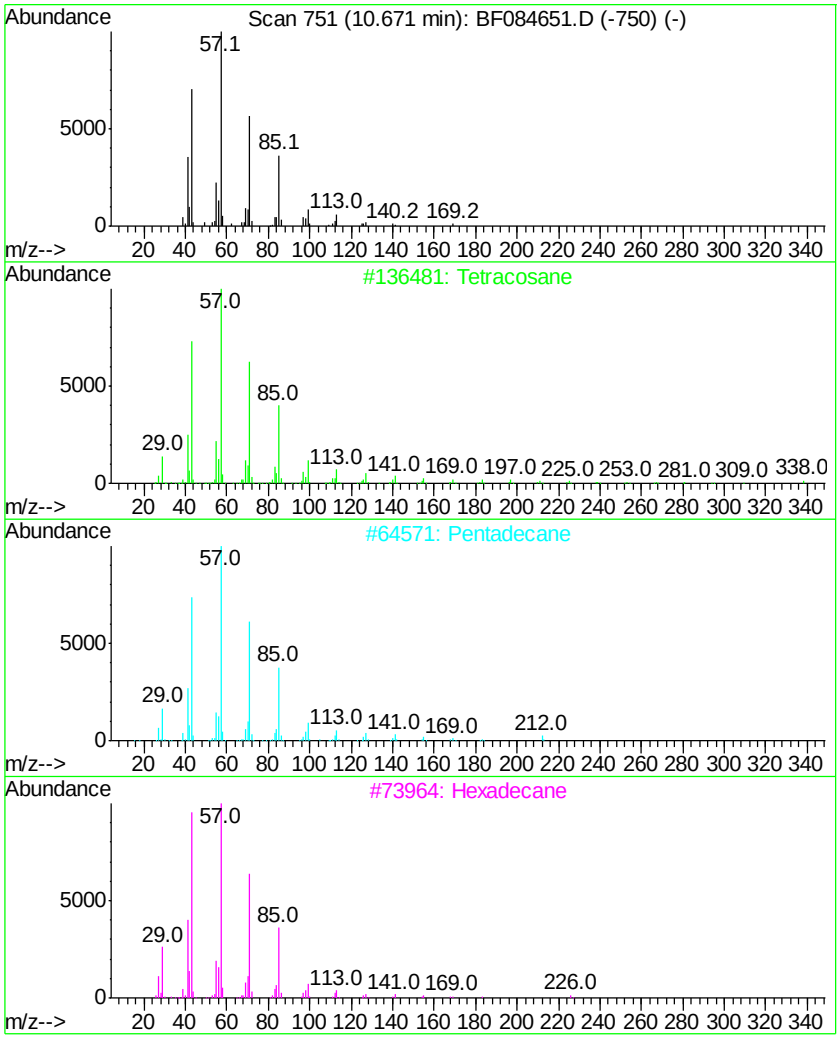
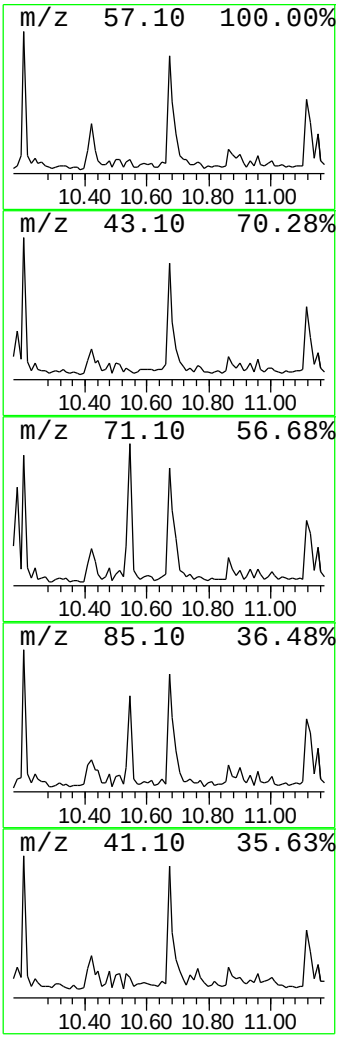
Peak Number 6 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.08 ng	171614	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Heptadecane	240	C17H36	000629-78-7	83





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

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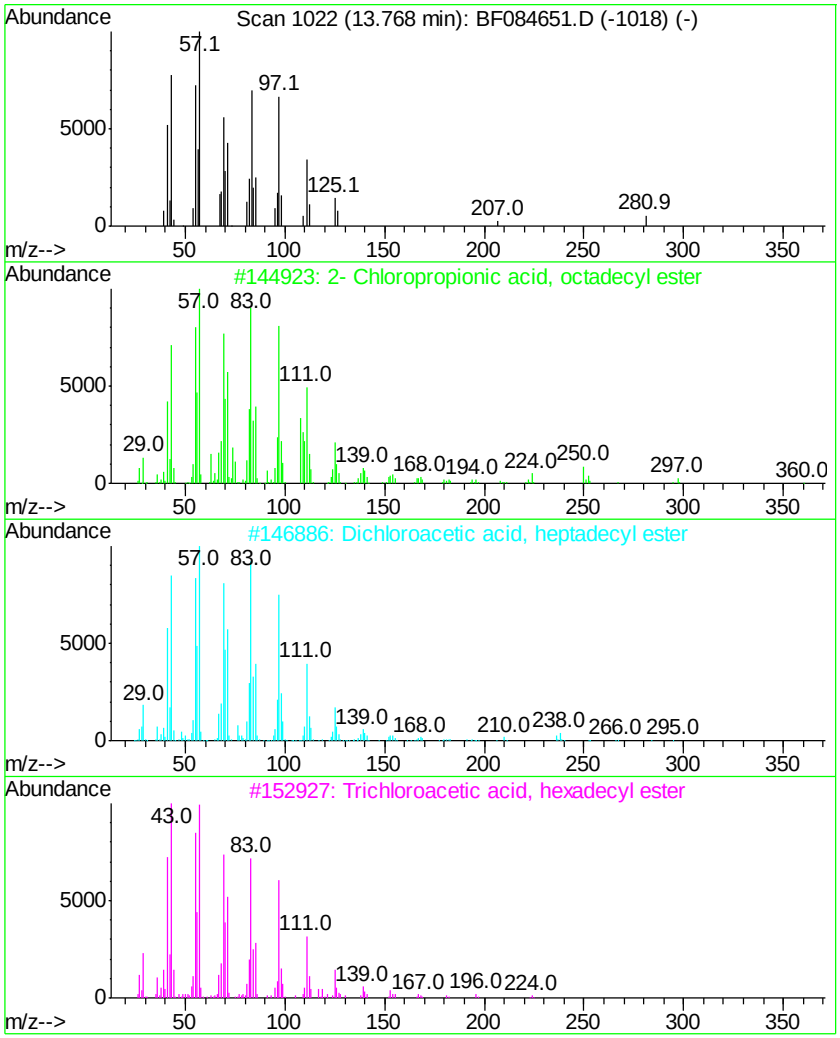
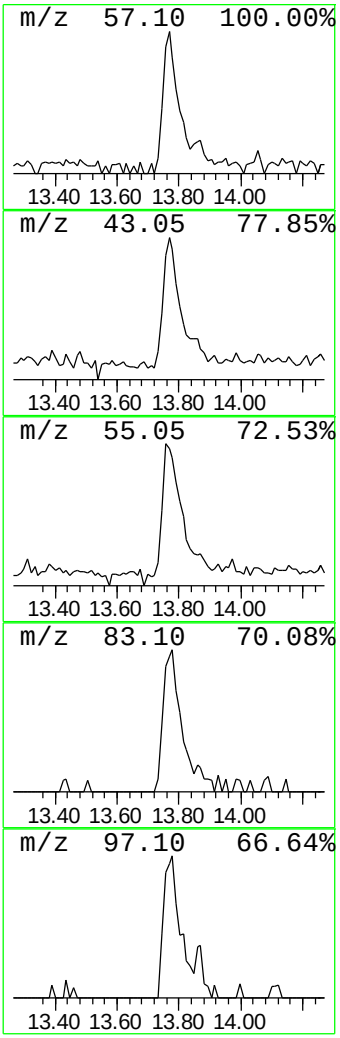
Peak Number 7 2- Chloropropionic acid, oc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.38 ng	195712	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





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...	4.19	5.7	ng	301996	1	6.73	1058590	20.0
2-Pentanone, 4-hy...	4.89	76.7	ng	4057490	1	6.73	1058590	20.0
2-Pentanone, 4-me...	5.72	4.3	ng	229441	1	6.73	1058590	20.0
unknown6.49	6.49	95.4	ng	5047290	1	6.73	1058590	20.0
Tetracosane	10.67	2.1	ng	171614	4	11.24	1647180	20.0
2- Chloropropioni...	13.77	2.4	ng	195712	5	13.87	1643700	20.0