LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081761.D
Acq On : 23 Sep 2015 8:17
Operator : UM/IZ
Sample : G3748-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP205-24-25

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-BF090115.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	1.258	10	15	18	rVB	861870	936145	24.02%	4.560%
2	1.430	28	30	36	rBV	257796	665625	17.08%	3.243%
3	1.521	36	38	79	rVB	1045810	3896627	100.00%	18.982%
4	4.436	289	293	318	rBV	270439	915973	23.51%	4.462%
5	5.316	366	370	387	rBV	830982	1617717	41.52%	7.881%
6	7.579	564	568	571	rBV	763458	1575756	40.44%	7.676%
7	7.659	571	575	586	rVB	982390	1803276	46.28%	8.785%
8	8.127	613	616	622	rBV	160223	276834	7.10%	1.349%
9	8.459	641	645	648	rBV	711869	1210210	31.06%	5.895%
10	9.442	726	731	734	rBV	547371	1050155	26.95%	5.116%
11	11.031	866	870	881	rBV	200857	346537	8.89%	1.688%
12	13.682	1096	1102	1105	rBV	925664	1746792	44.83%	8.509%
13	14.734	1190	1194	1204	rBB	163581	267080	6.85%	1.301%
14	15.157	1227	1231	1236	rBB2	220544	375997	9.65%	1.832%
15	17.065	1394	1398	1411	rBB	538599	1107134	28.41%	5.393%
16	18.666	1534	1538	1545	rBV	233314	385430	9.89%	1.878%
17	20.437	1689	1693	1703	rBV	31739	80352	2.06%	0.391%
18	22.049	1831	1834	1837	rBV	1088124	1499353	38.48%	7.304%
19	23.295	1940	1943	1944	rBV	144539	155199	3.98%	0.756%
20	23.329	1944	1946	1953	rVV	278707	308853	7.93%	1.505%
21	24.255	2025	2027	2030	rBV	52725	63088	1.62%	0.307%
22	24.769	2069	2072	2075	rBV	183773	202848	5.21%	0.988%
23	25.192	2104	2109	2116	rBV3	18964	40721	1.05%	0.198%

Sum of corrected areas: 20527702

LSC Report - Integrated Chromatogram

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Misc :
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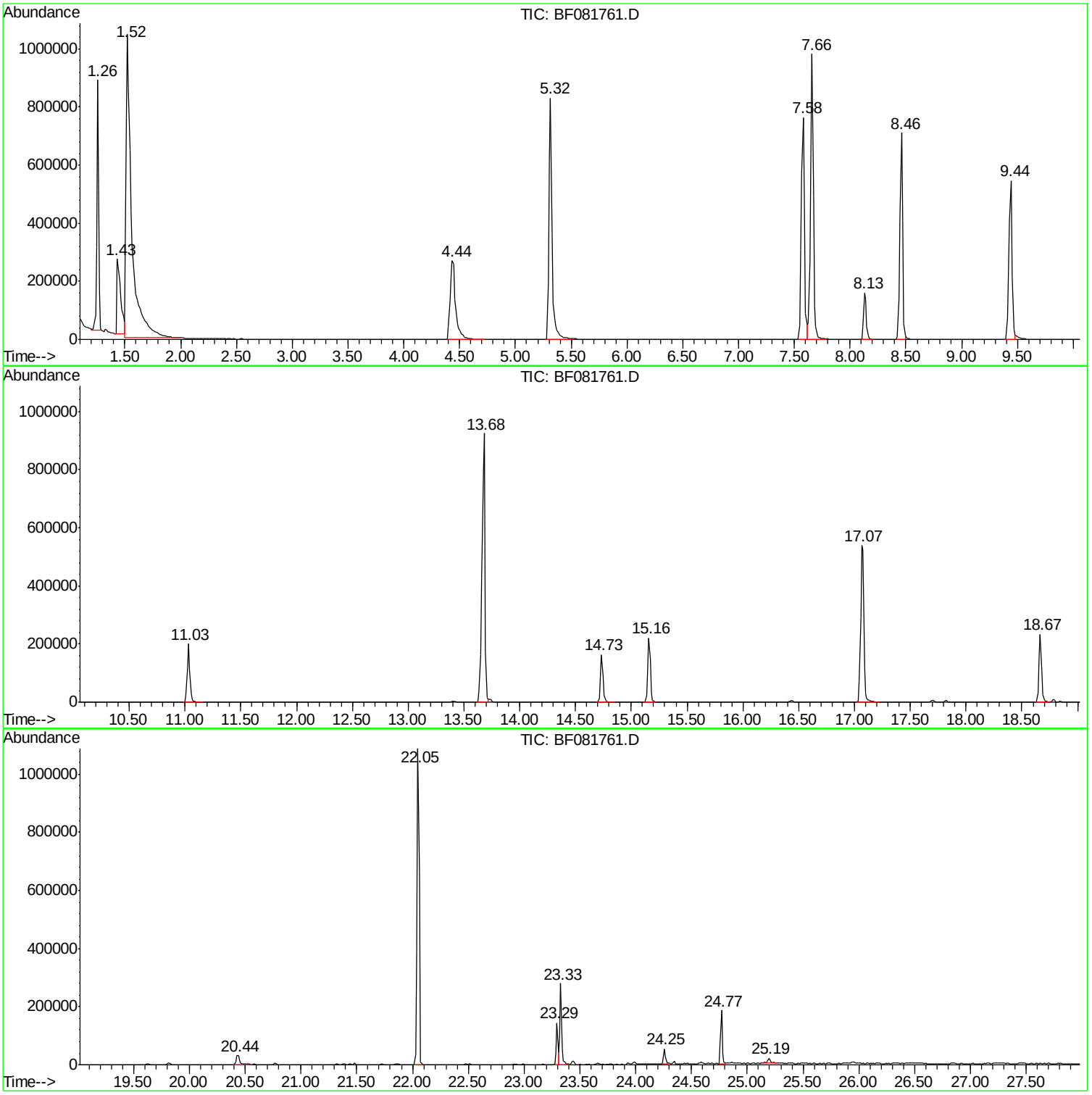
Instrument : BNA_F
ClientSampleId : MGP205-24-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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Acq On : 23 Sep 2015 8:17
Operator : UM/IZ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

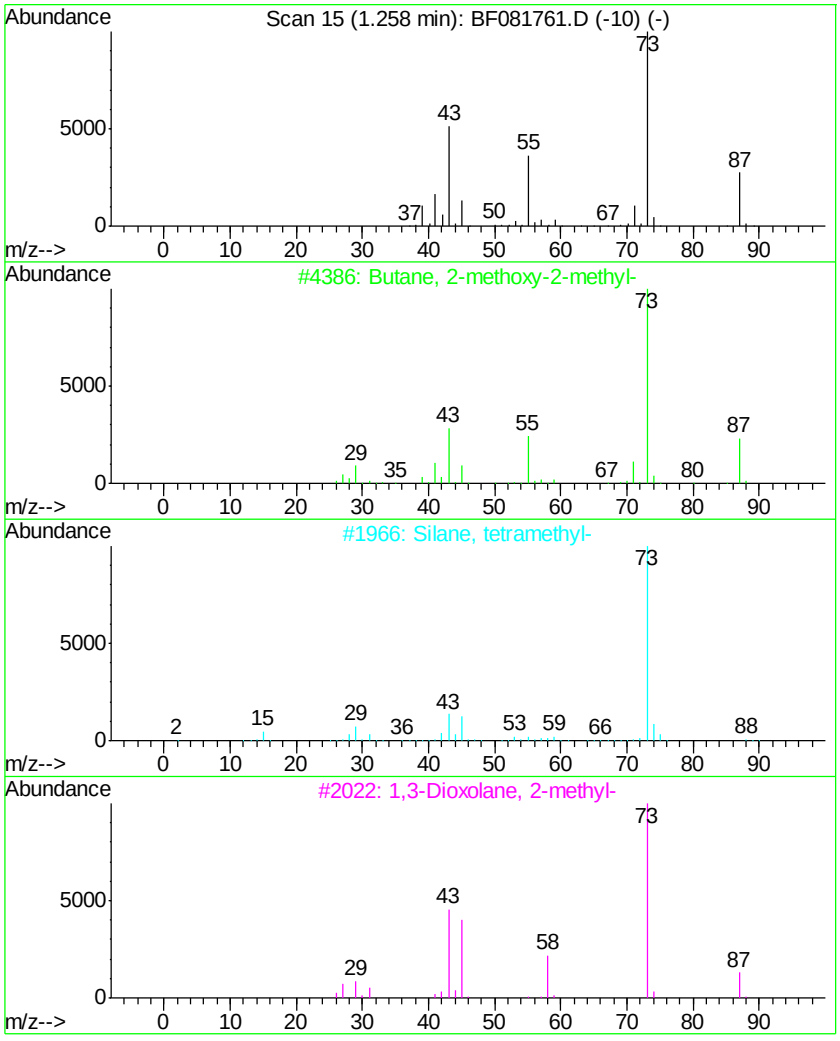
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

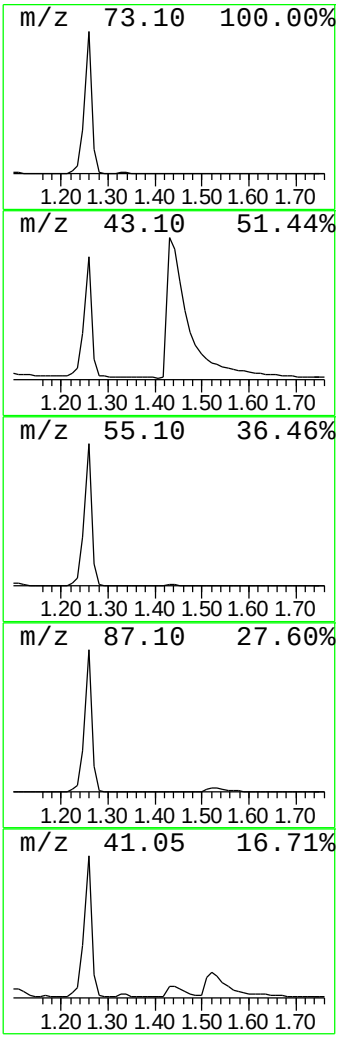
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.26	67.63 ng	936145	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081761.D
Acq On : 23 Sep 2015 8:17
Operator : UM/IZ
Sample : G3748-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP205-24-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

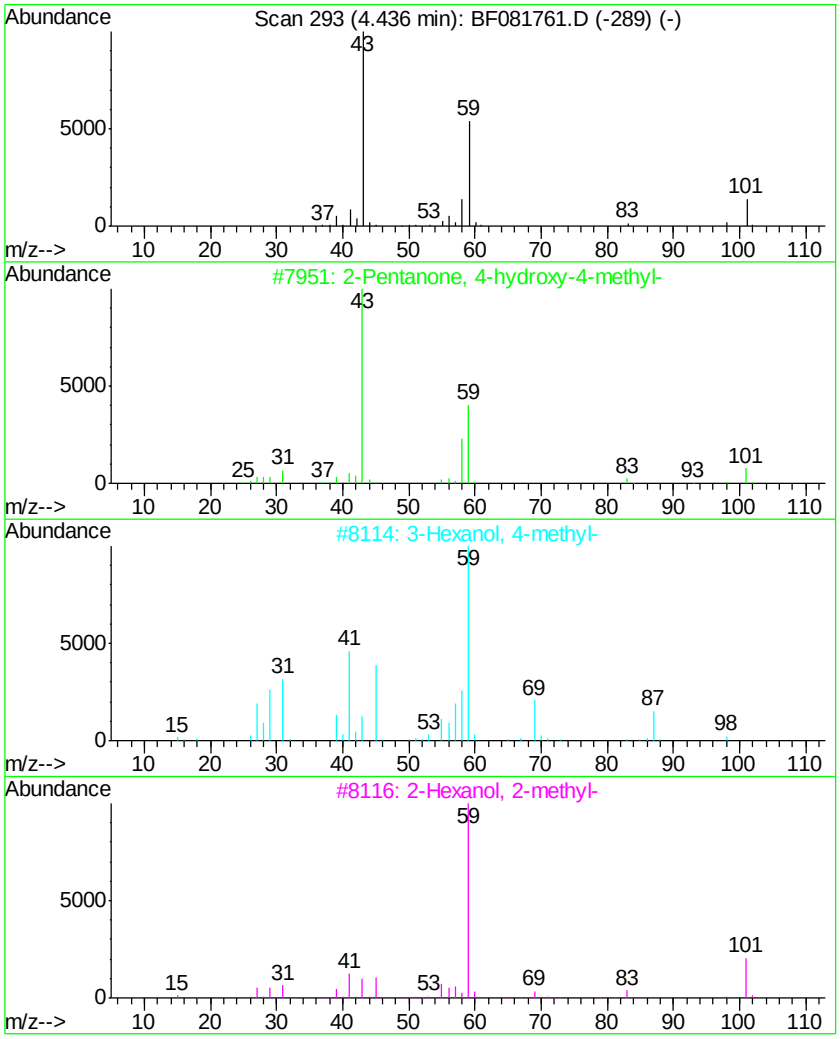
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

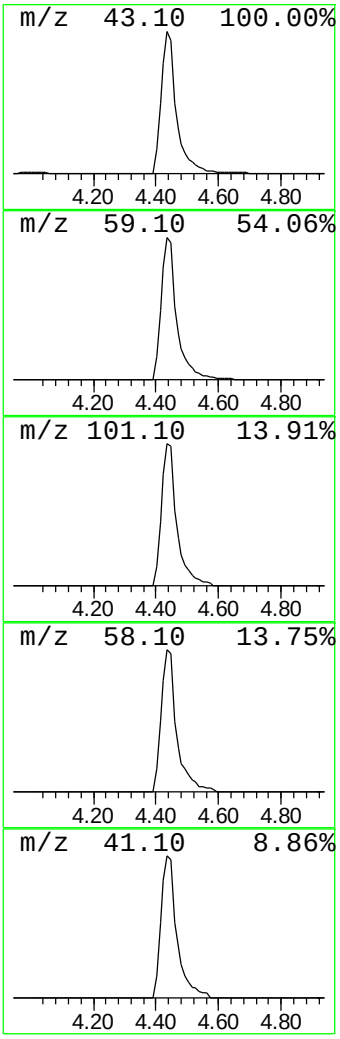
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	66.17 ng	915973	1,4-Dichlorobenzene-d4	8.13

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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





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Data File : BF081761.D
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Sample : G3748-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP205-24-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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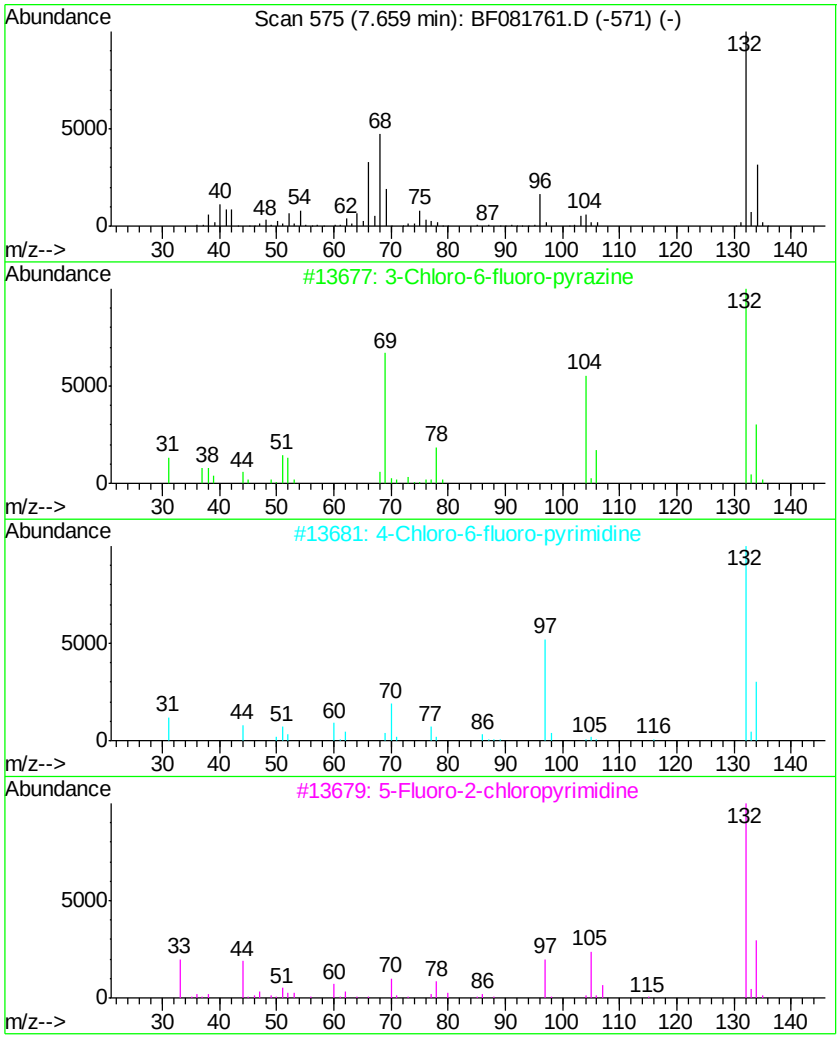
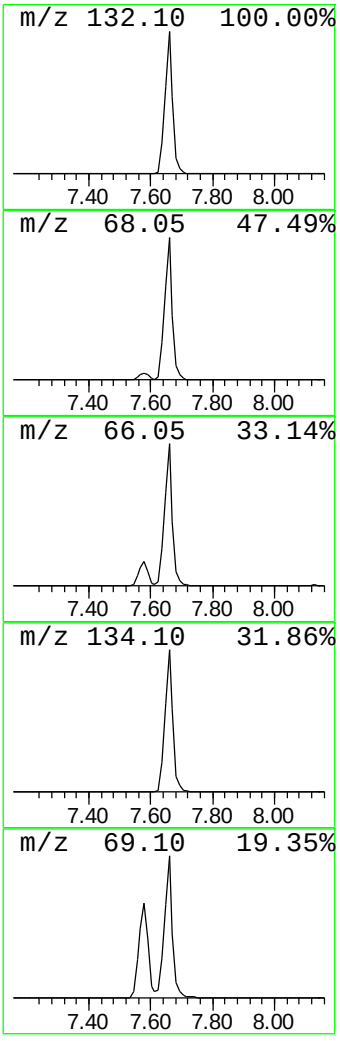
Peak Number 5 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	130.28 ng	1803280	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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Sample : G3748-06
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP205-24-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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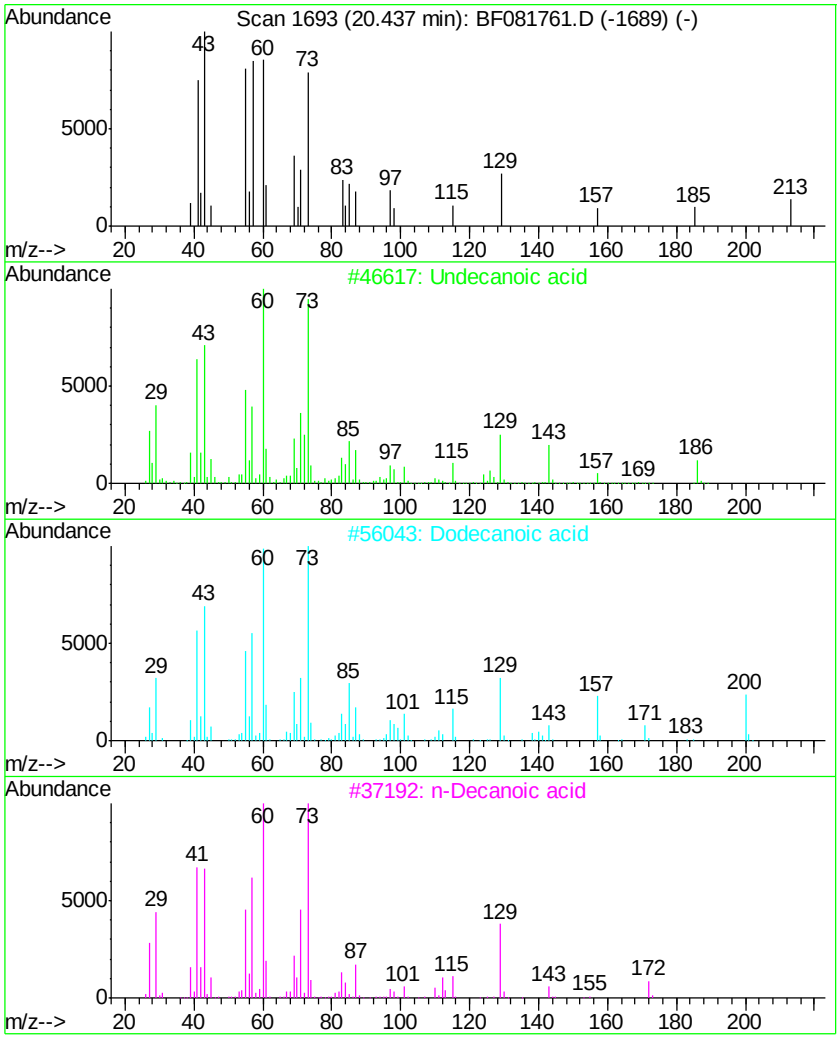
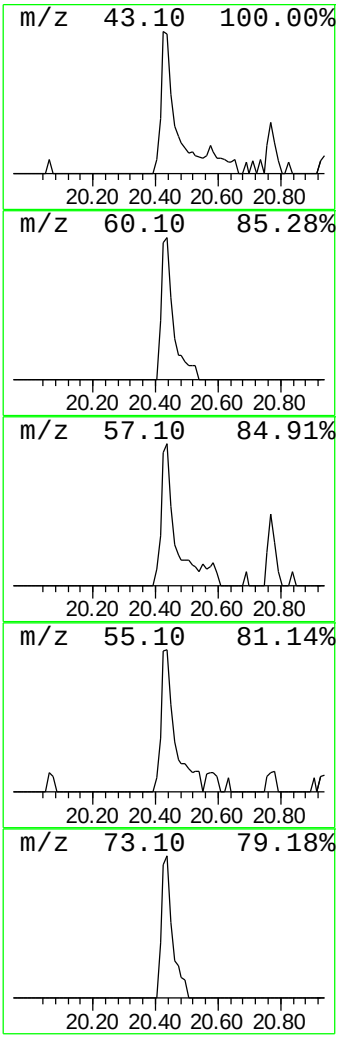
Peak Number 7 Undecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	4.17 ng	80352	Phenanthrene-d10	18.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	64
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	43
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	27





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Sample : G3748-06
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Instrument : BNA_F
ClientSampleId : MGP205-24-25

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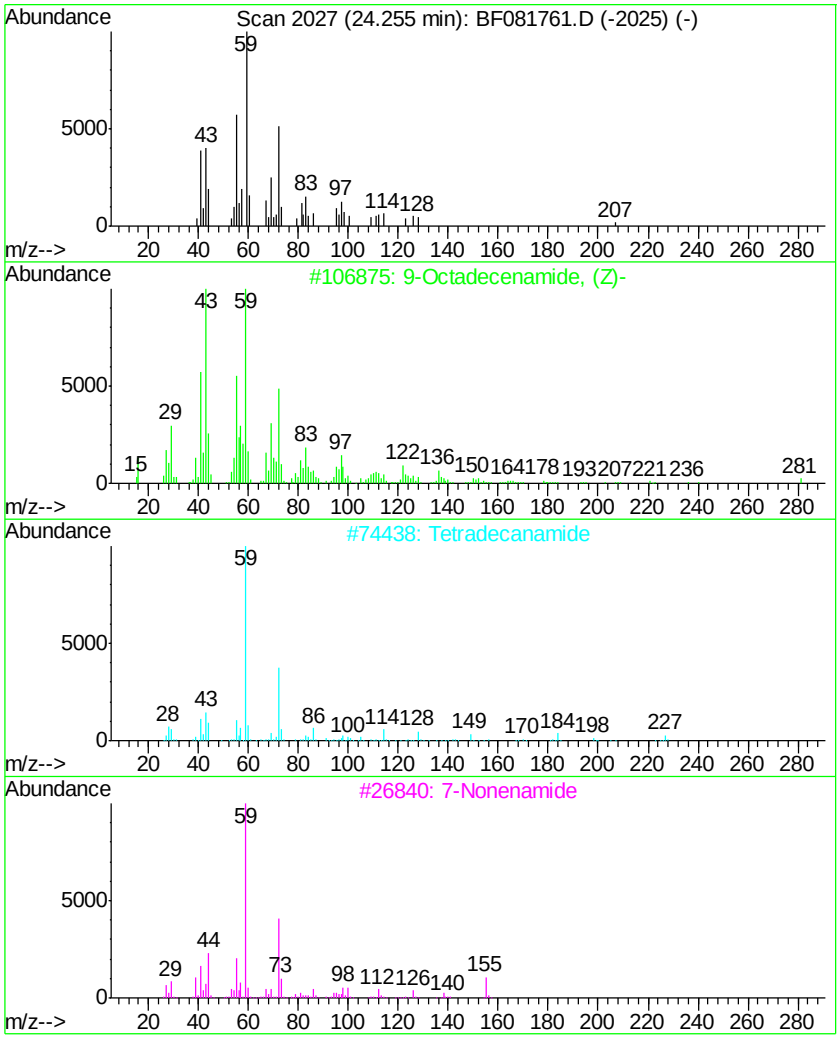
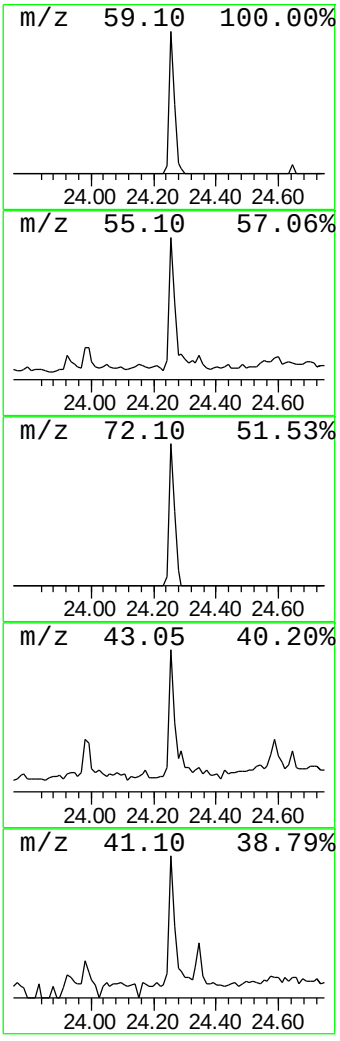
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.25	6.22 ng	63088	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	Tetradecanamide	227	C14H29NO	000638-58-4	72
3	7-Nonenamide	155	C9H17NO	090949-53-4	59
4	Hexadecanamide	255	C16H33NO	000629-54-9	59
5	Dodecanamide	199	C12H25NO	001120-16-7	53





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Instrument : BNA_F
ClientSampleId : MGP205-24-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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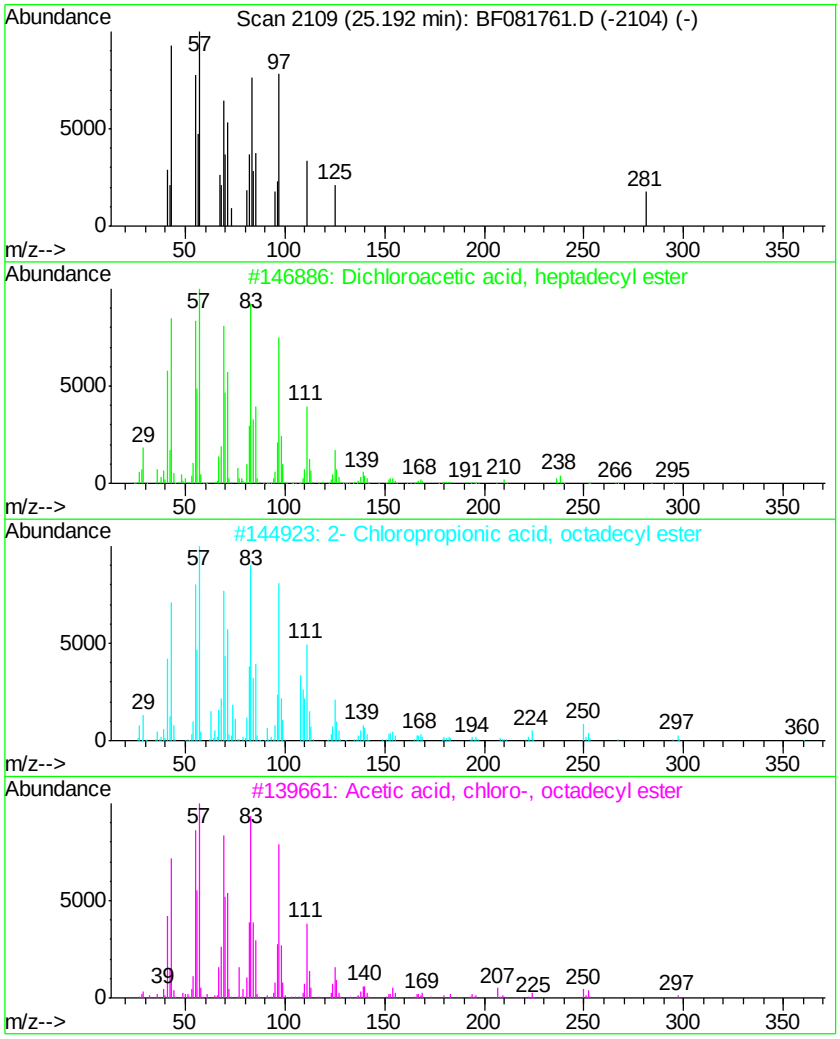
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

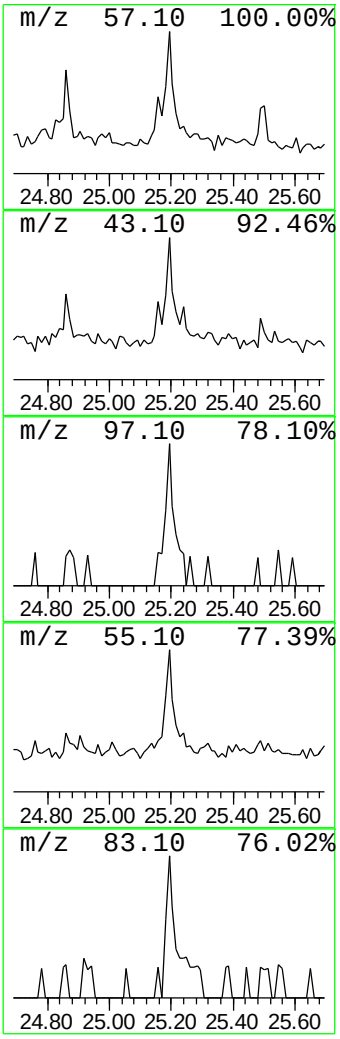
****

Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.19	4.01 ng	40721	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	87





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
Butane, 2-methoxy...	1.26	67.6	ng	936145	1	8.13	276834	20.0
2-Pentanone, 4-hy...	4.44	66.2	ng	915973	1	8.13	276834	20.0
unknown7.66	7.66	130.3	ng	1803280	1	8.13	276834	20.0
Undecanoic acid	20.44	4.2	ng	80352	4	18.67	385430	20.0
9-Octadecenamide,...	24.25	6.2	ng	63088	6	24.77	202848	20.0
Dichloroacetic ac...	25.19	4.0	ng	40721	6	24.77	202848	20.0