LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078311.D
Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(11-12)

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-BF040115.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	1.092	16	18	21	rBV	1105908	1343894	95.96%	11.273%
2	1.207	24	28	31	rVB	97483	160975	11.49%	1.350%
3	1.355	38	41	44	rBV	87133	94329	6.74%	0.791%
4	1.561	57	59	66	rVB	18026	30370	2.17%	0.255%
5	1.664	66	68	80	rBV	116658	200441	14.31%	1.681%
6	4.624	325	327	333	rBV	79488	111913	7.99%	0.939%
7	5.207	375	378	387	rVB	615159	930410	66.44%	7.805%
8	6.533	491	494	496	rBV	806350	980330	70.00%	8.223%
9	6.647	502	504	506	rBV	1030091	1009954	72.12%	8.472%
10	6.933	527	529	531	rBV	186948	187612	13.40%	1.574%
11	7.116	542	545	547	rBV	853463	772323	55.15%	6.478%
12	7.630	588	590	592	rBV	682425	597768	42.68%	5.014%
13	8.510	664	667	669	rBV	261163	258195	18.44%	2.166%
14	9.230	728	730	732	rBV	41996	41862	2.99%	0.351%
15	9.859	783	785	787	rBV	1439682	1258586	89.87%	10.557%
16	10.373	828	830	832	rVB	65301	67660	4.83%	0.568%
17	10.671	853	856	859	rVB	325844	307545	21.96%	2.580%
18	11.573	933	935	938	rVB	189381	175550	12.54%	1.473%
19	11.642	939	941	944	rBV2	542674	736828	52.61%	6.181%
20	12.499	1014	1016	1018	rBV	348503	320132	22.86%	2.685%
21	13.242	1079	1081	1085	rBV3	20023	28447	2.03%	0.239%
22	14.488	1188	1190	1193	rBV	1082925	1400451	100.00%	11.747%
23	15.677	1291	1294	1299	rBV2	37682	65357	4.67%	0.548%
24	15.768	1299	1302	1304	rVV	266878	355164	25.36%	2.979%
25	15.837	1304	1308	1311	rVB	15569	18915	1.35%	0.159%
26	16.088	1327	1330	1333	rBV	11757	15805	1.13%	0.133%
27	16.488	1363	1365	1369	rBV	12721	15346	1.10%	0.129%
28	16.877	1397	1399	1402	rBV	10686	14028	1.00%	0.118%
29	17.265	1430	1433	1436	rBV2	10609	16942	1.21%	0.142%
30	17.483	1449	1452	1455	rBV	280756	338398	24.16%	2.839%
31	17.654	1464	1467	1473	rBV3	13714	25645	1.83%	0.215%
32	18.488	1537	1540	1547	rVB6	7767	22400	1.60%	0.188%
33	19.300	1609	1611	1617	rVB5	7483	17822	1.27%	0.149%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078311.D
Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(11-12)

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

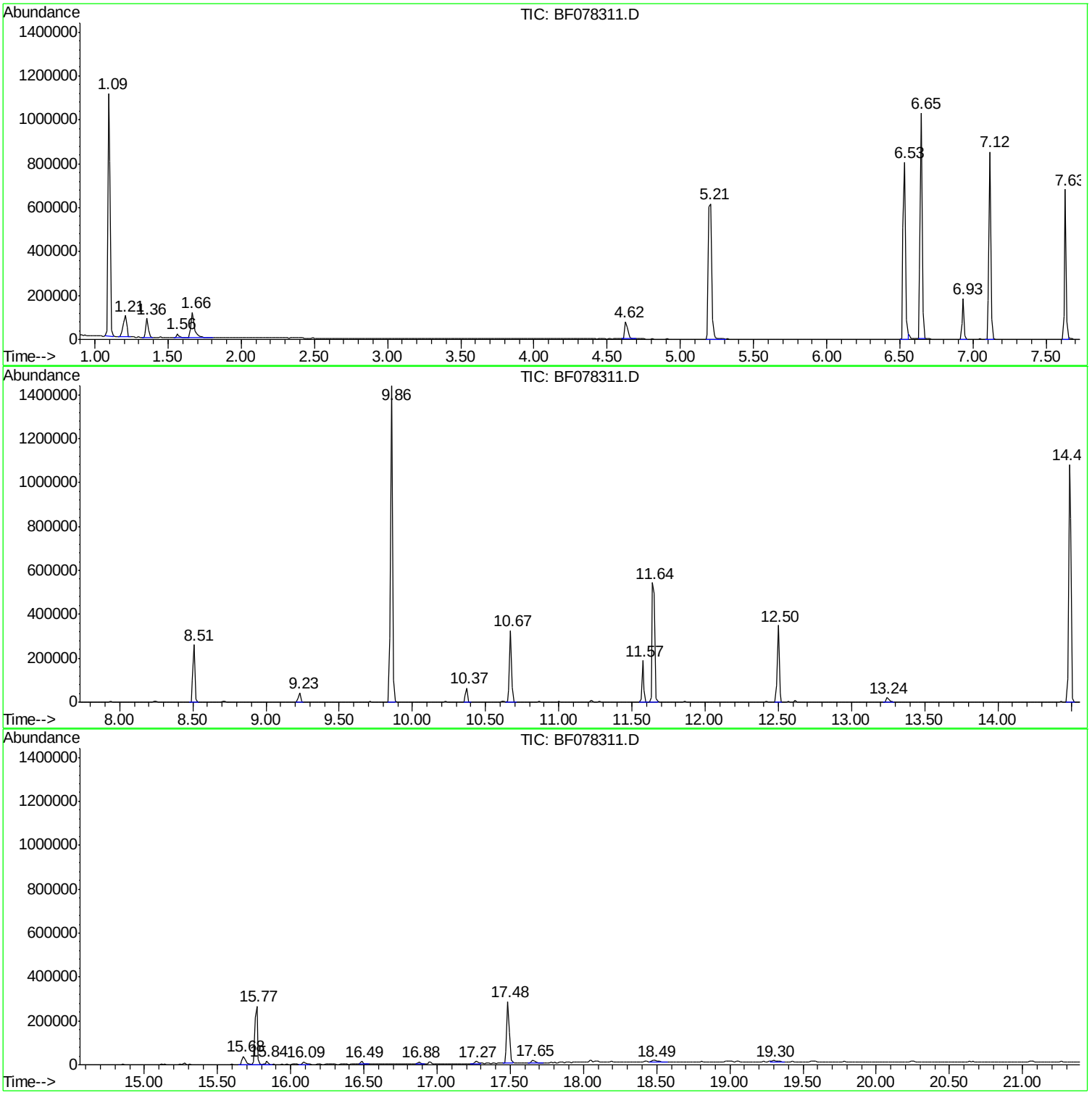
Sum of corrected areas: 11921397

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078311.D
Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(11-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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\BF040715\
Data File : BF078311.D
Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
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Instrument : BNA_F
ClientSampleId : SB-15(11-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

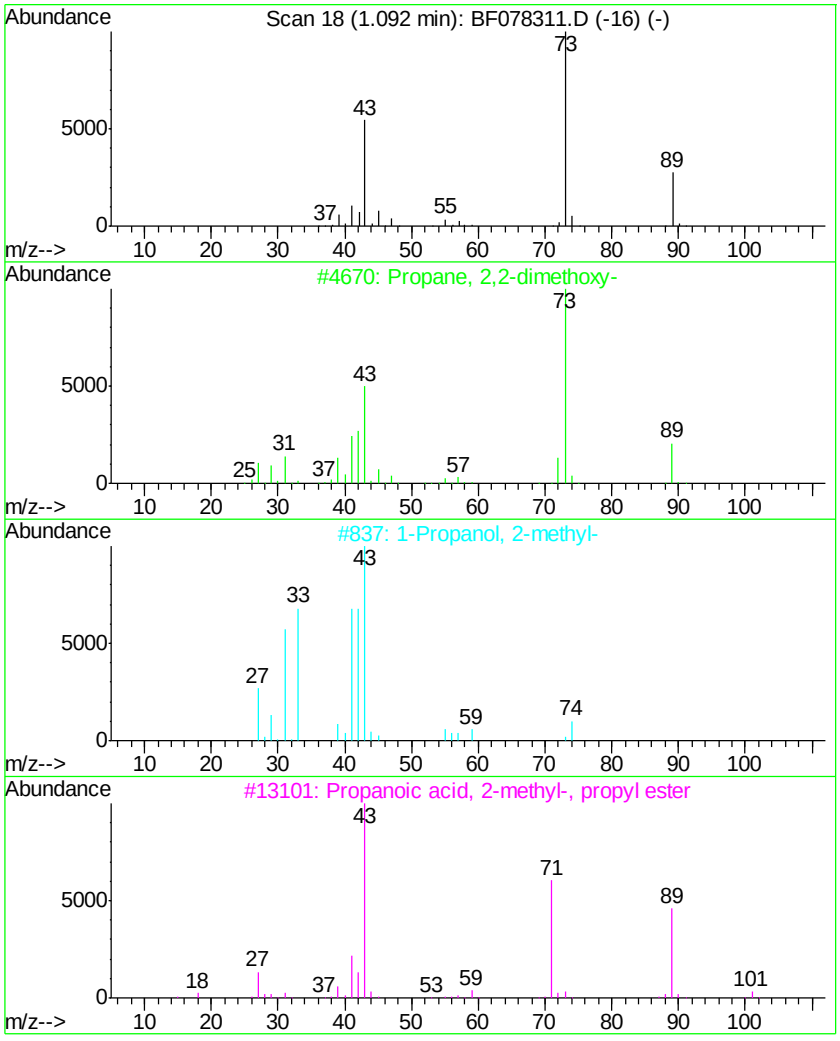
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

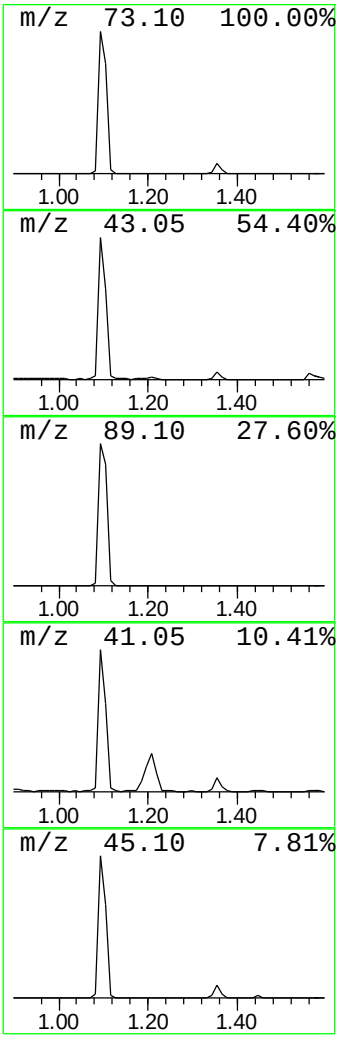
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.09	143.26 ng	1343890	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078311.D
Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(11-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

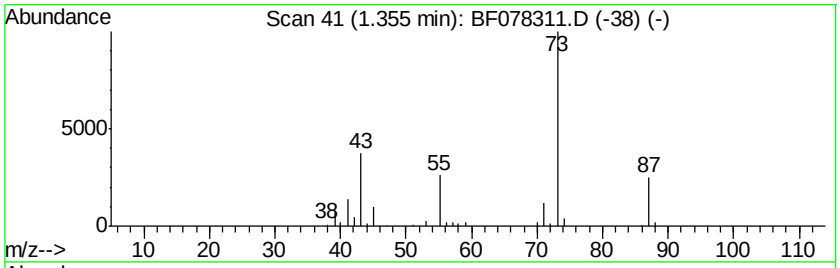
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

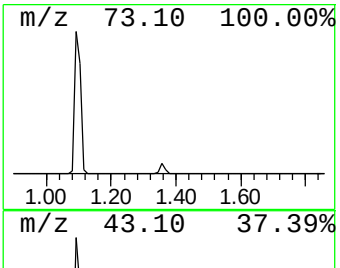
****

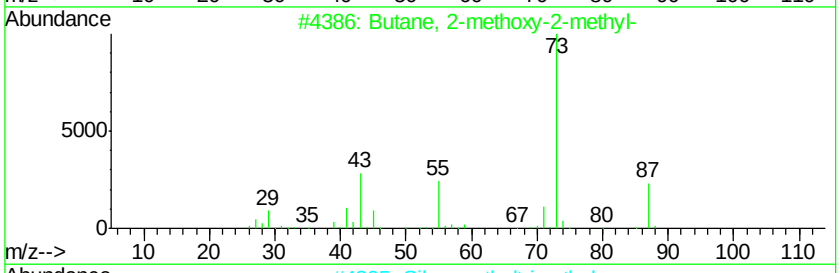
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 8

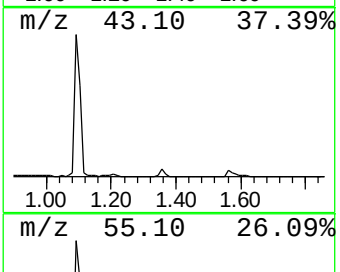
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	10.06 ng	94329	1,4-Dichlorobenzene-d4	6.93

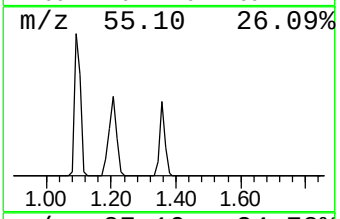
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17

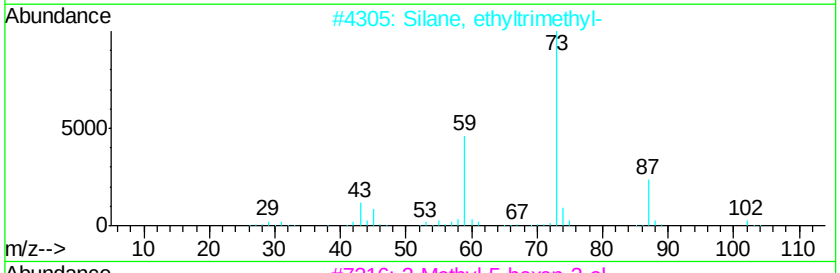


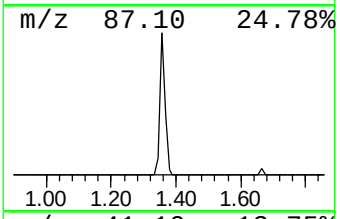


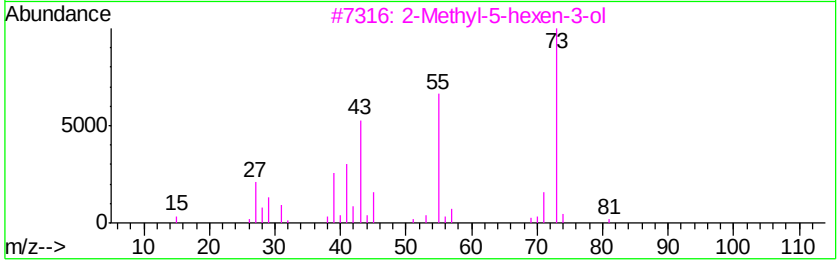


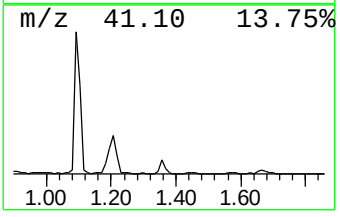












Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078311.D
Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(11-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

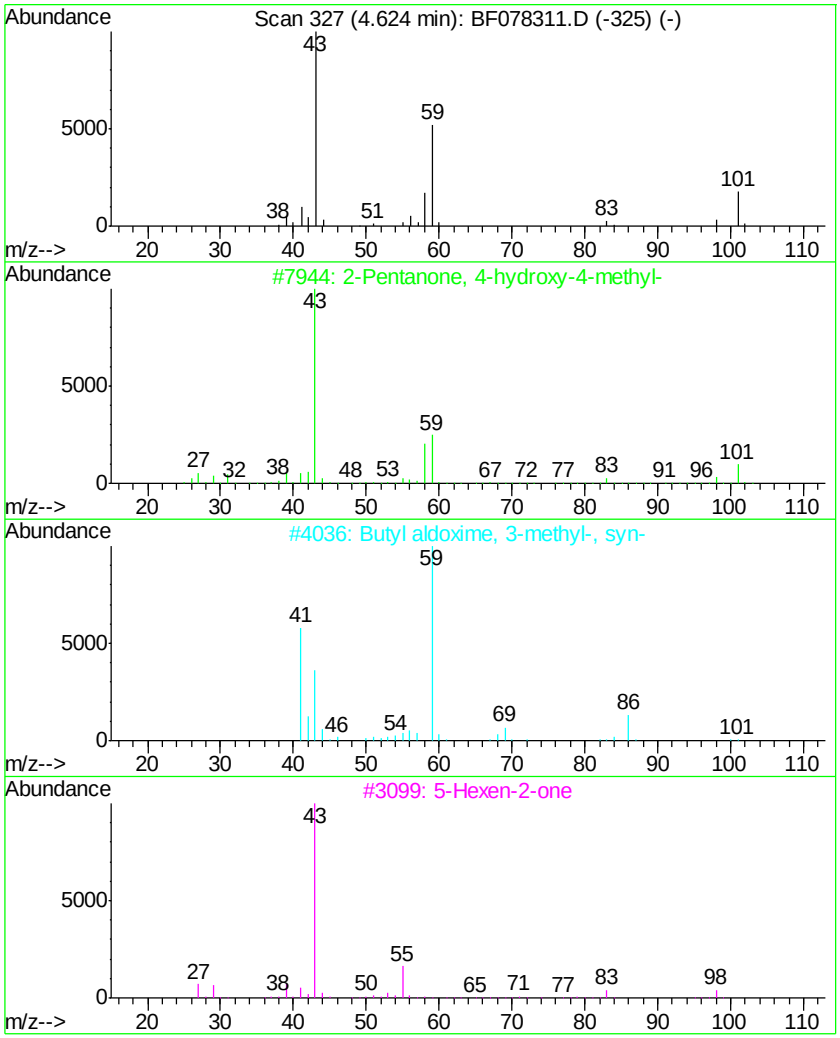
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

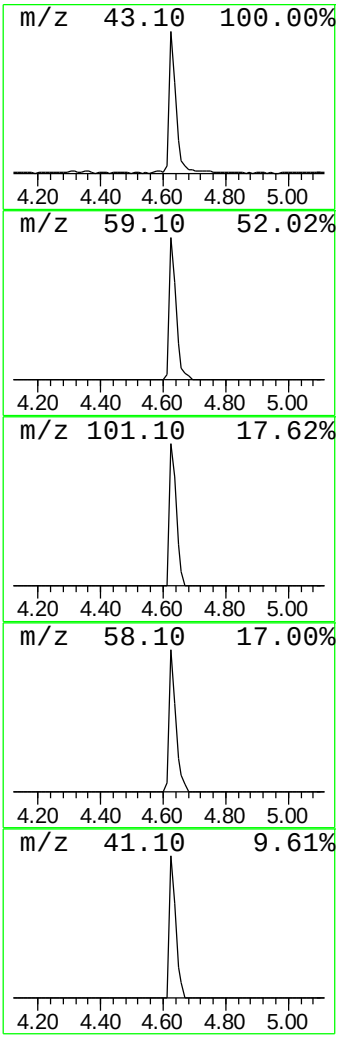
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	11.93 ng	111913	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078311.D
Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(11-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

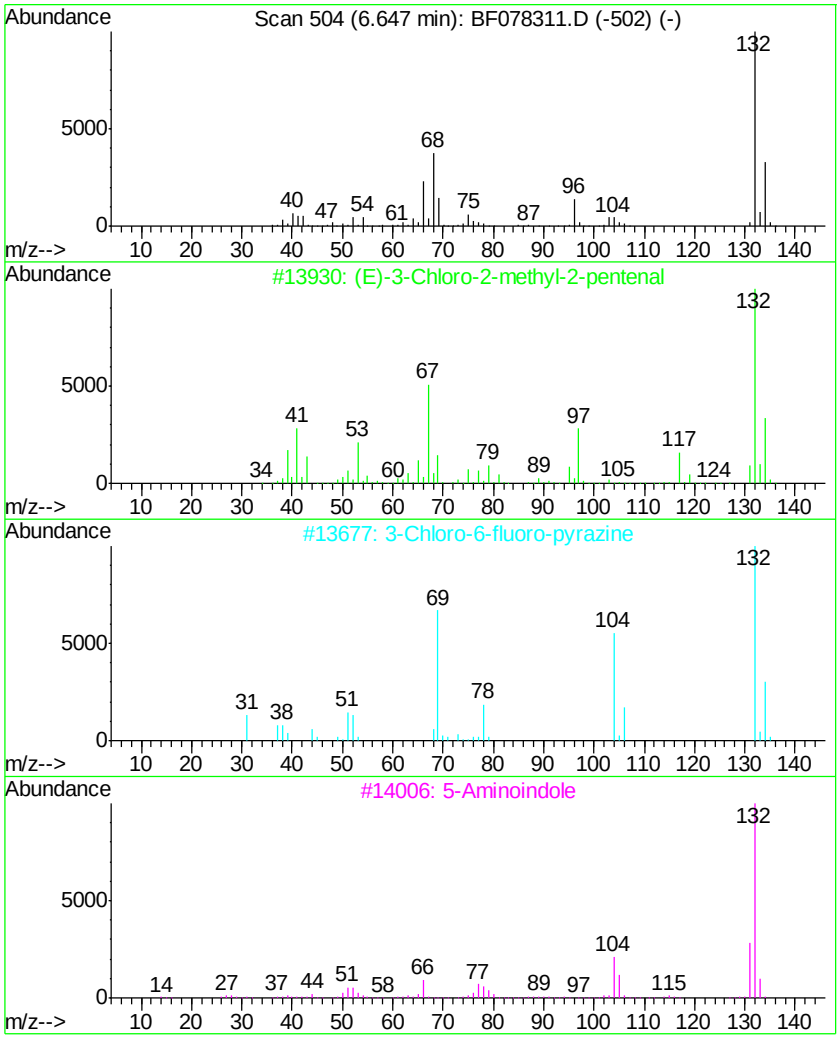
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

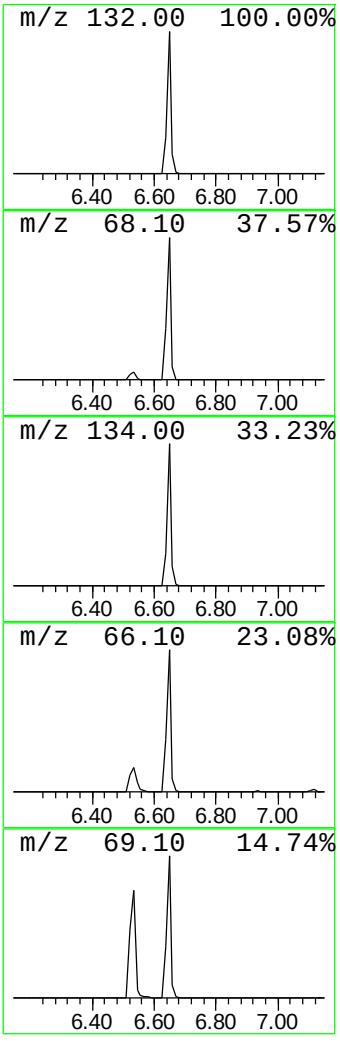
****

Peak Number 7 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	107.66 ng	1009950	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078311.D
Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(11-12)

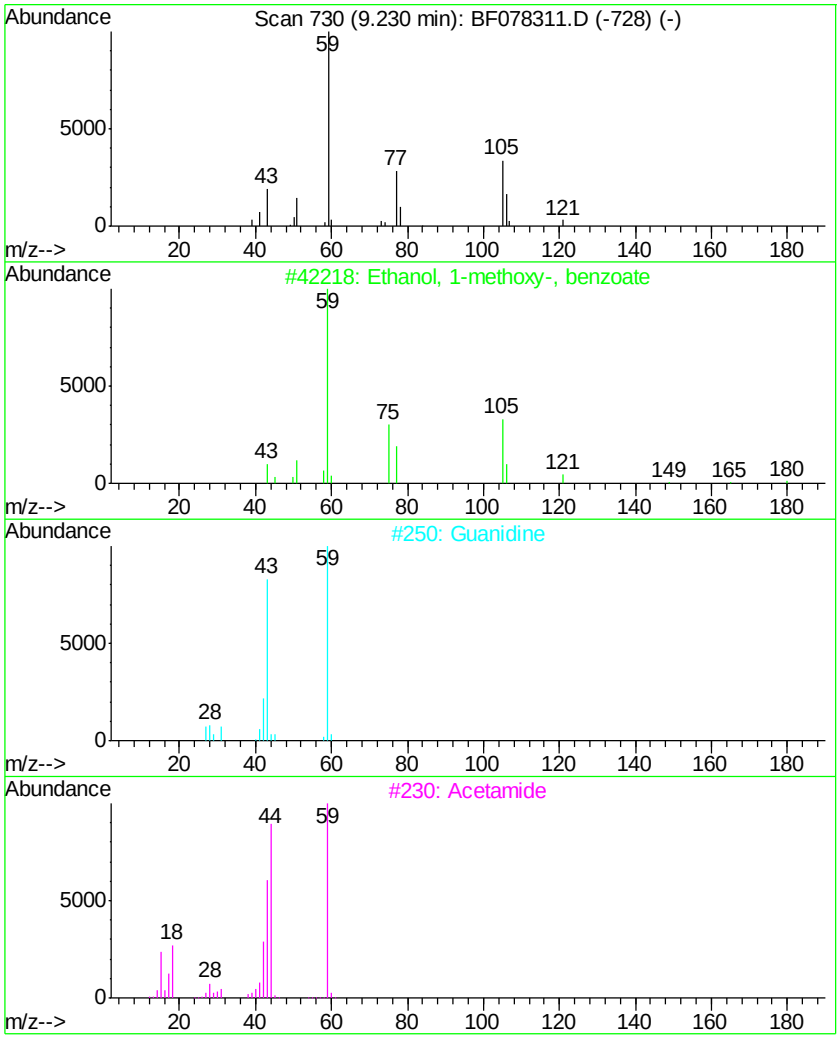
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

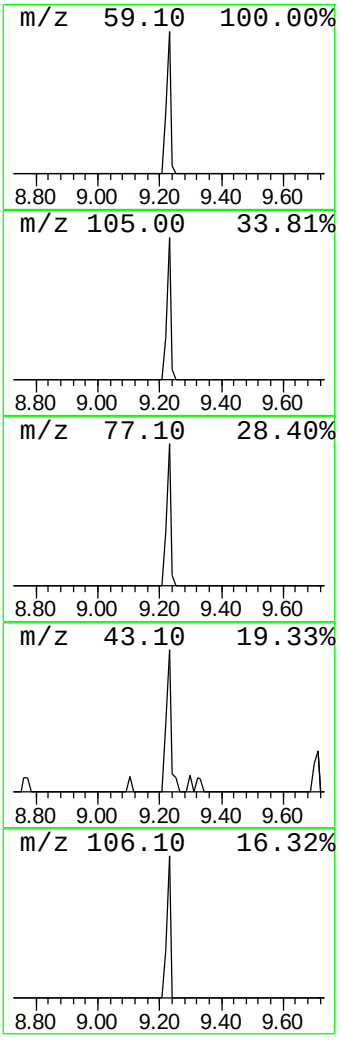
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Ethanol, 1-methoxy-, benzoate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	3.24 ng	41862	Naphthalene-d8	8.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	64
2	Guanidine	59	CH5N3	000113-00-8	7
3	Acetamide	59	C2H5NO	000060-35-5	5
4	2-Butanone, 1-chloro-	106	C4H7ClO	000616-27-3	5
5	.alpha.-(Methylthio)acetamide	105	C3H7NOS	022551-24-2	4





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Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(11-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

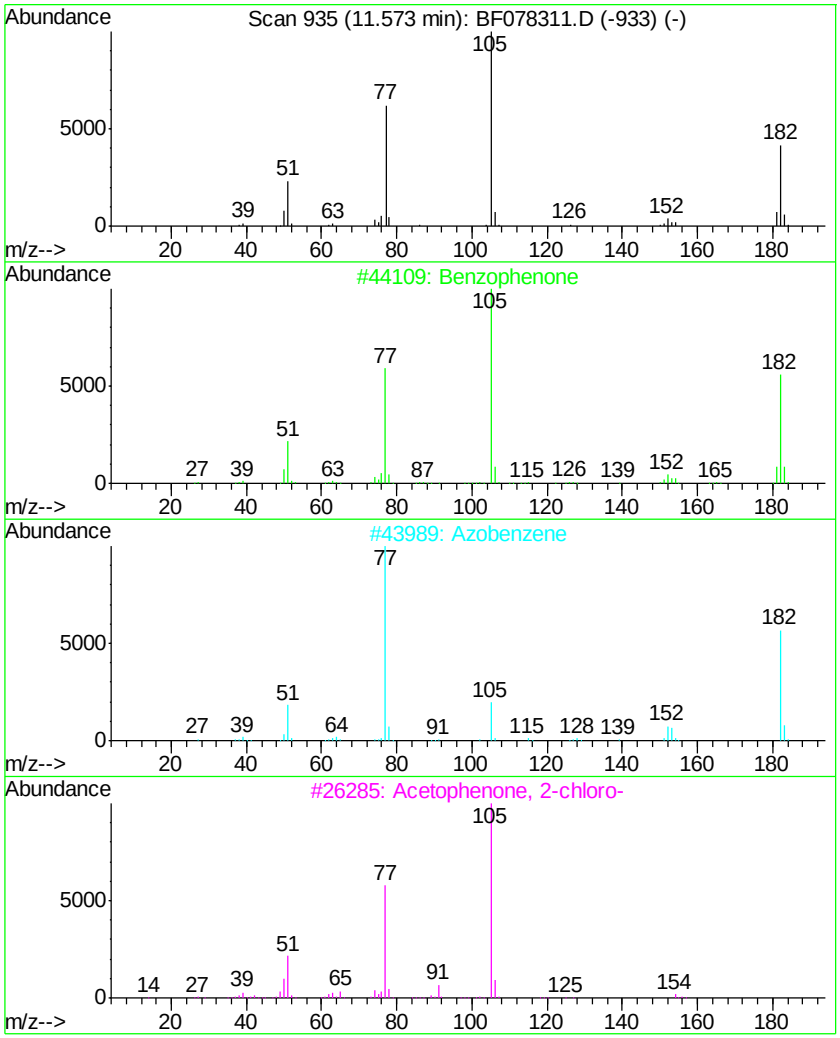
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

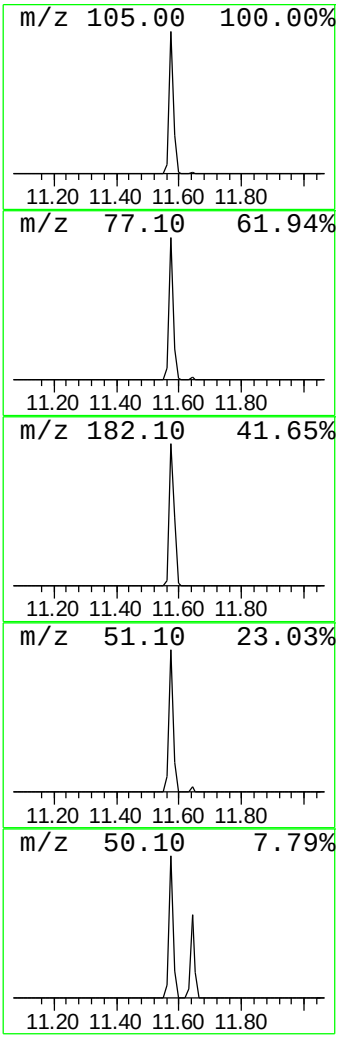
****

Peak Number 10 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	11.42 ng	175550	Acenaphthene-d10	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47





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Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(11-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

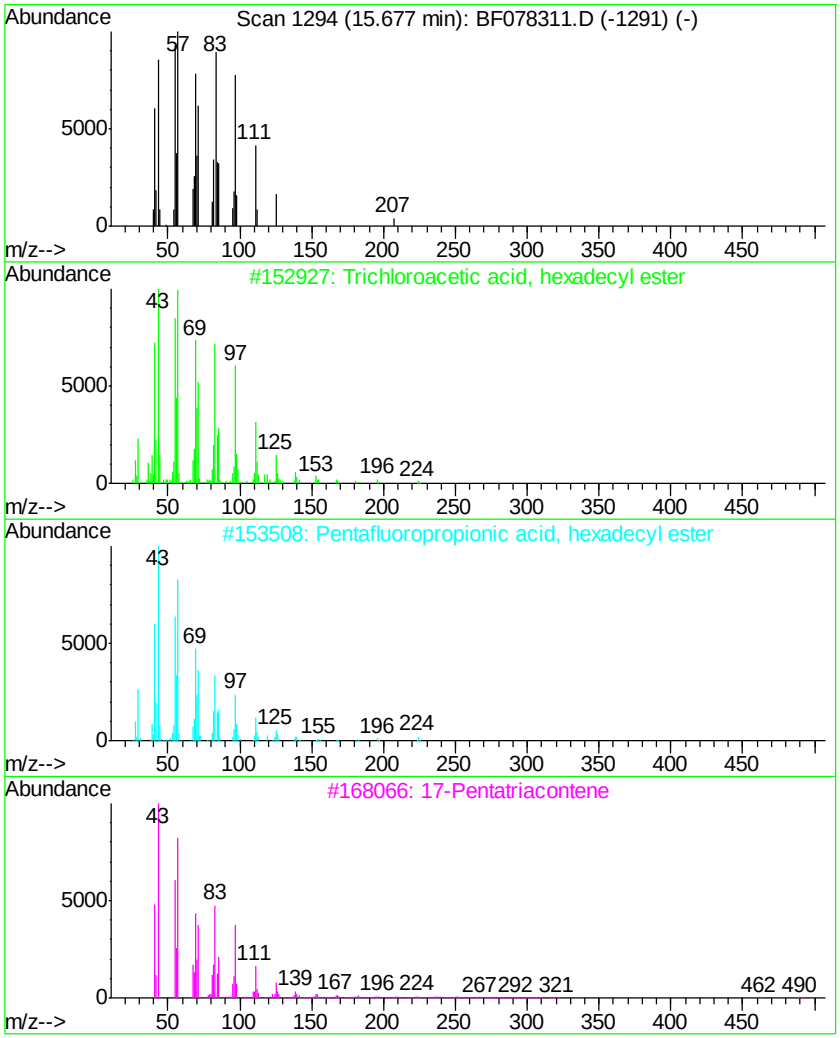
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

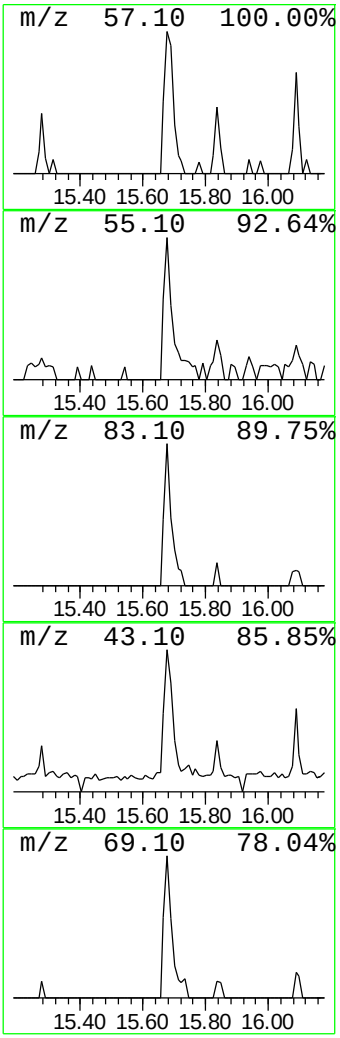
****

Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.68 ng	65357	Chrysene-d12	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	80
5	1-Heptadecanol	256	C17H36O	001454-85-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
Data File : BF078311.D
Acq On : 7 Apr 2015 21:27
Operator : TP/IZ
Sample : G1783-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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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
Propane, 2,2-dime...	1.09	143.3	ng	1343890	1	6.93	187612	20.0
Butane, 2-methoxy...	1.36	10.1	ng	94329	1	6.93	187612	20.0
2-Pentanone, 4-hy...	4.62	11.9	ng	111913	1	6.93	187612	20.0
unknown6.65	6.65	107.7	ng	1009950	1	6.93	187612	20.0
Ethanol, 1-methox...	9.23	3.2	ng	41862	2	8.51	258195	20.0
Benzophenone	11.57	11.4	ng	175550	3	10.67	307545	20.0
Trichloroacetic a...	15.68	3.7	ng	65357	5	15.77	355164	20.0