LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

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-BF031115.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	1.333	36	39	41	rVB	1884730	2622149	100.00%	21.363%
2	1.458	47	50	53	rVB	355231	446049	17.01%	3.634%
3	1.618	62	64	68	rVB	221497	269431	10.28%	2.195%
4	1.676	68	69	71	rBV	29846	38020	1.45%	0.310%
5	1.790	78	79	93	rVB	447227	763890	29.13%	6.223%
6	4.316	297	300	306	rVB	24615	40594	1.55%	0.331%
7	4.944	353	355	359	rVB	20085	32318	1.23%	0.263%
8	5.459	398	400	403	rVB	146273	150716	5.75%	1.228%
9	6.739	509	512	515	rBV	104241	124643	4.75%	1.015%
10	6.876	522	524	527	rBV	250477	323726	12.35%	2.637%
11	7.173	548	550	552	rBV	375374	350876	13.38%	2.859%
12	7.356	564	566	568	rBV	621091	574487	21.91%	4.680%
13	7.390	568	569	571	rVB	98035	72055	2.75%	0.587%
14	7.493	575	578	579	rBV2	22795	27669	1.06%	0.225%
15	7.836	606	608	609	rBV	66324	82145	3.13%	0.669%
16	7.859	609	610	613	rVB2	361347	488901	18.65%	3.983%
17	8.133	632	634	635	rBV	52535	56664	2.16%	0.462%
18	8.350	649	653	658	rVB3	17888	29604	1.13%	0.241%
19	8.430	658	660	662	rBV	35787	40609	1.55%	0.331%
20	8.750	685	688	690	rBV	497171	504377	19.24%	4.109%
21	9.459	747	750	751	rBV	48023	52314	2.00%	0.426%
22	10.088	803	805	808	rBV	976586	916330	34.95%	7.465%
23	10.602	847	850	852	rBV	51102	71004	2.71%	0.578%
24	10.911	875	877	880	rBV	560249	571834	21.81%	4.659%
25	11.814	953	956	959	rBV	156629	139865	5.33%	1.139%
26	11.894	960	963	965	rBV	220552	265656	10.13%	2.164%
27	12.751	1035	1038	1040	rBV	632729	618945	23.60%	5.043%
28	14.740	1210	1212	1215	rBV	972918	982945	37.49%	8.008%
29	15.917	1312	1315	1322	rBV	169420	294585	11.23%	2.400%
30	16.020	1322	1324	1327	rBV	473414	644685	24.59%	5.252%
31	17.711	1469	1472	1475	rBV	519264	648561	24.73%	5.284%
32	18.306	1522	1524	1529	rBV4	14755	28662	1.09%	0.234%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-08A

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-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

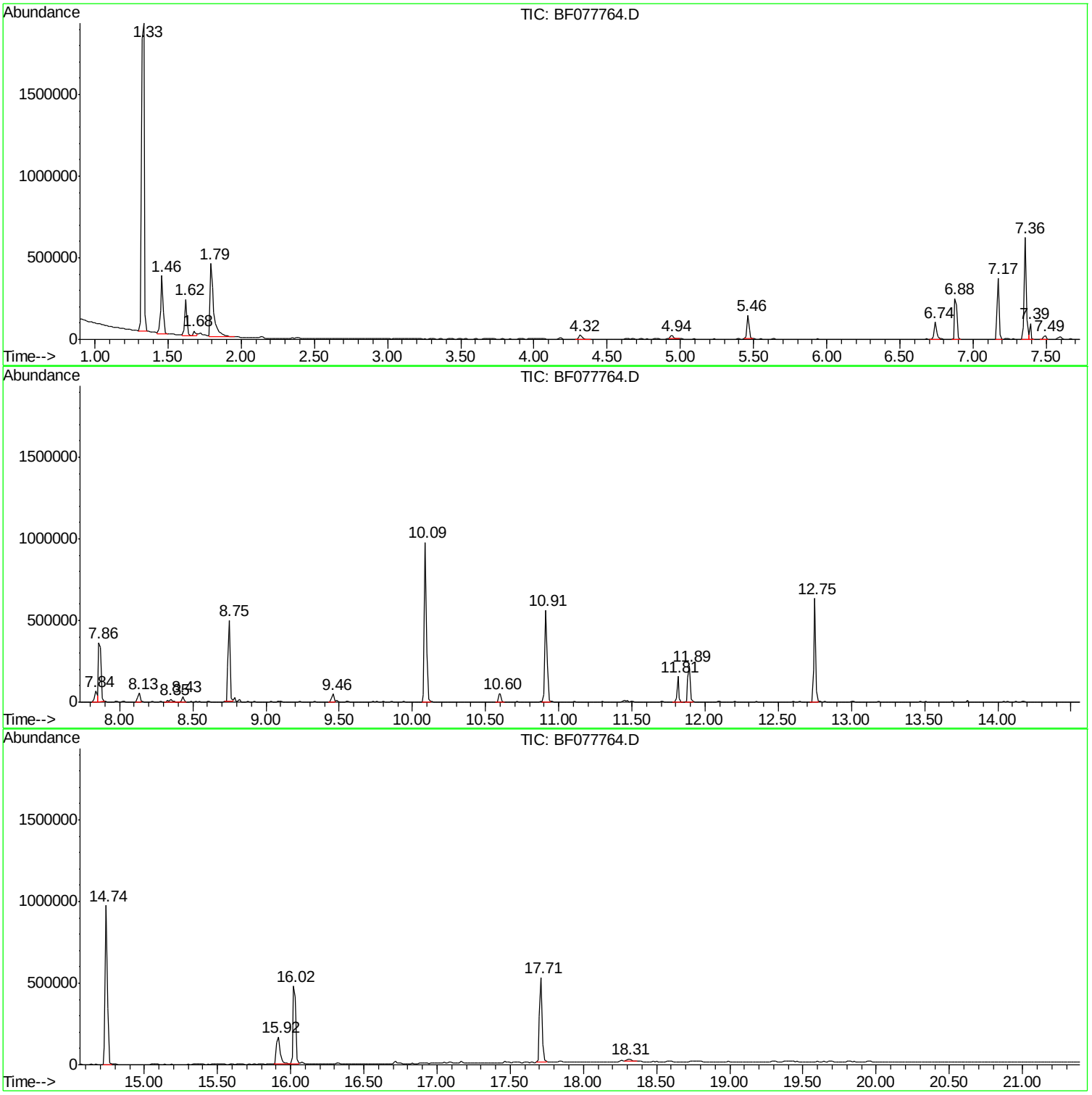
Sum of corrected areas: 12274309

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

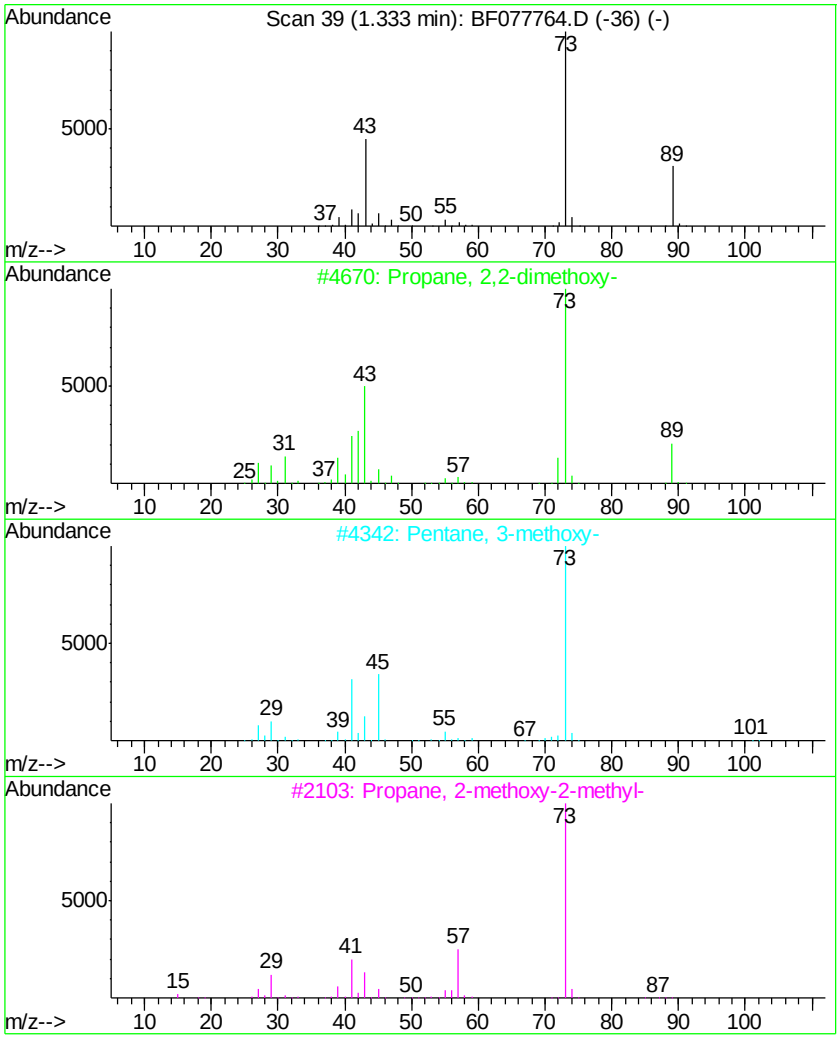
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

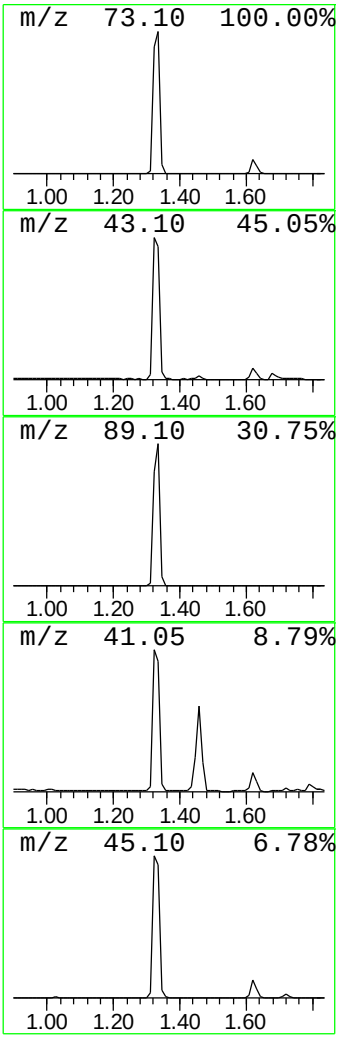
****

Peak Number 1 unknown1.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.33	149.46 ng	2622150	1,4-Dichlorobenzene-d4	7.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

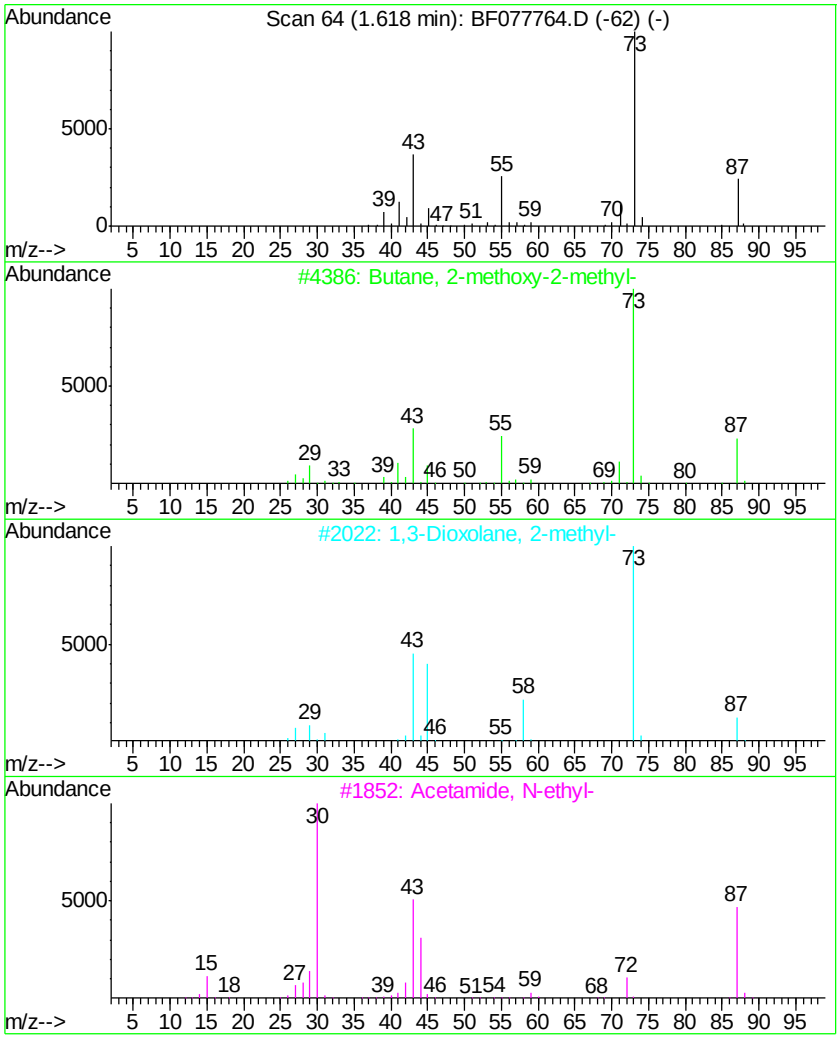
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

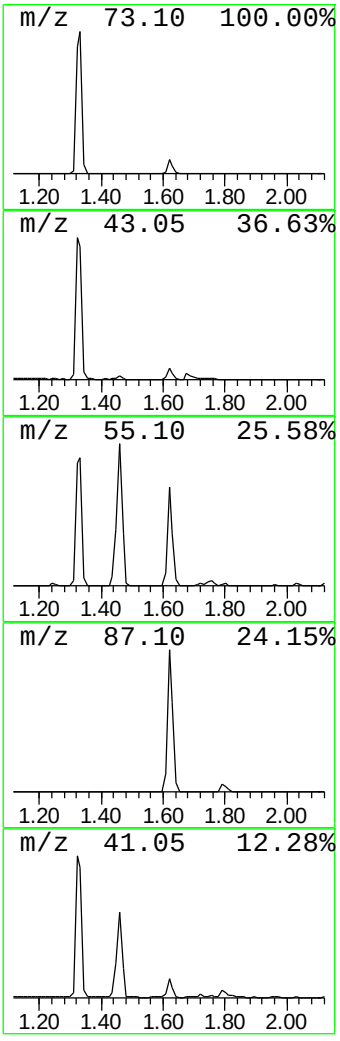
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	15.36 ng	269431	1,4-Dichlorobenzene-d4	7.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	47
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

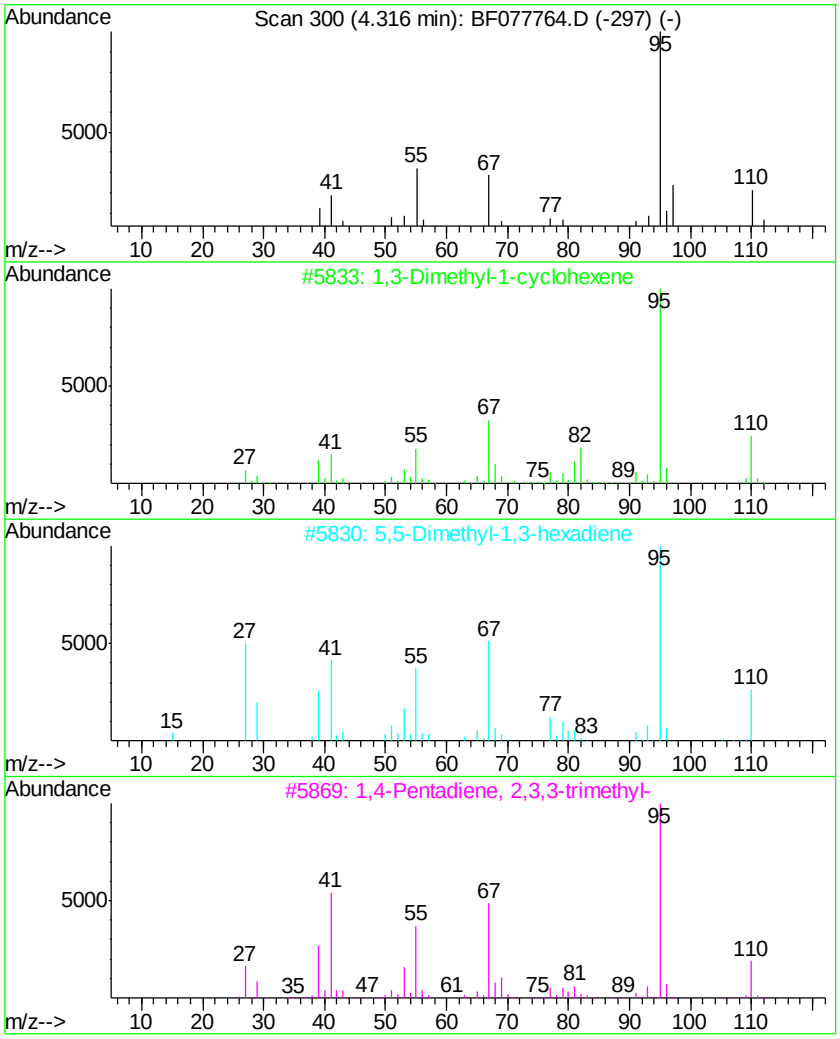
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

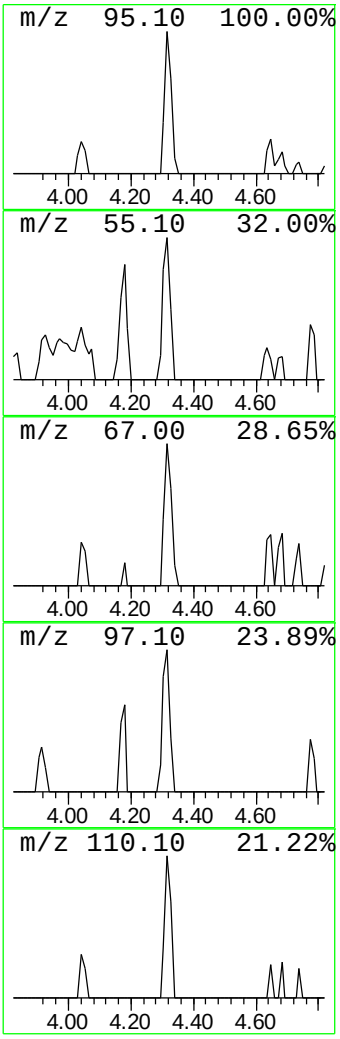
****

Peak Number 6 1,3-Dimethyl-1-cyclohexene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	2.31 ng	40594	1,4-Dichlorobenzene-d4	7.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	64
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	64
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

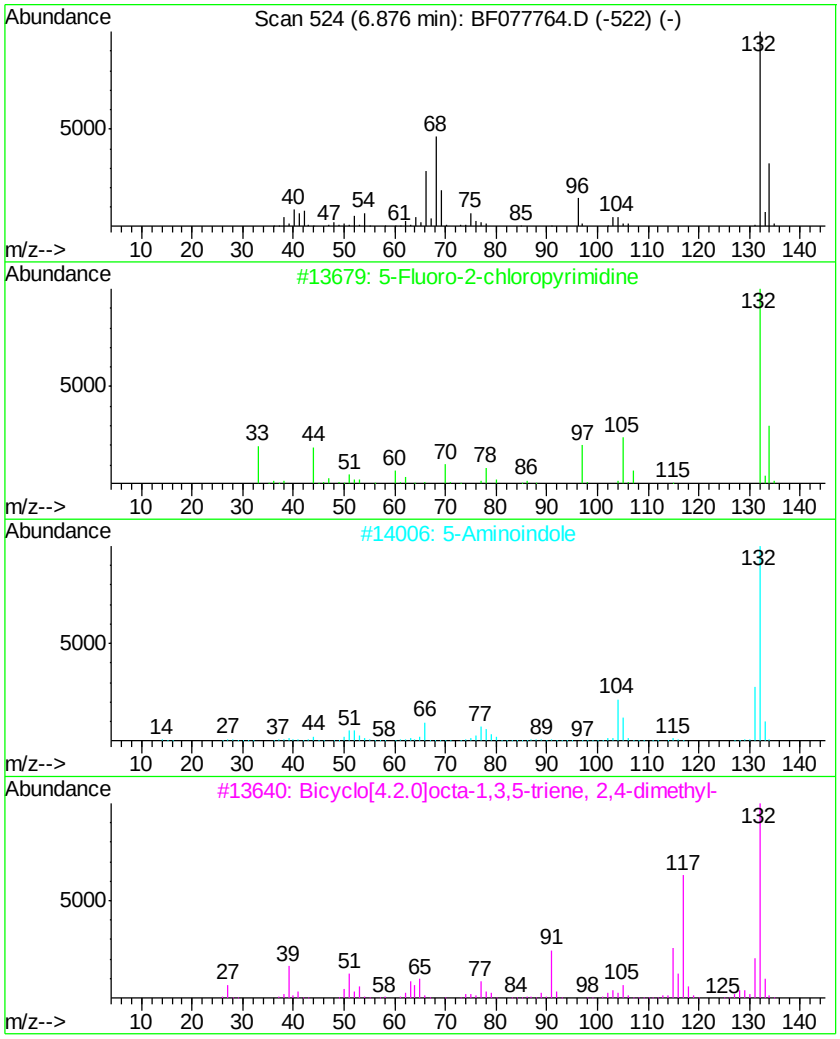
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

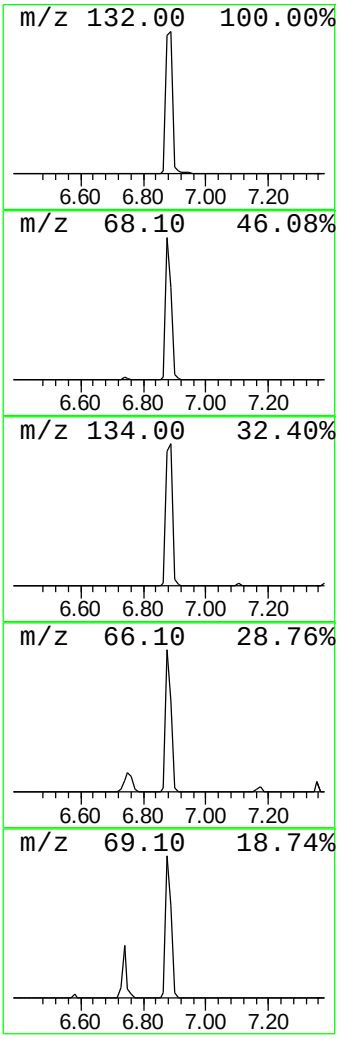
****

Peak Number 7 unknown6.88 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	18.45 ng	323726	1,4-Dichlorobenzene-d4	7.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

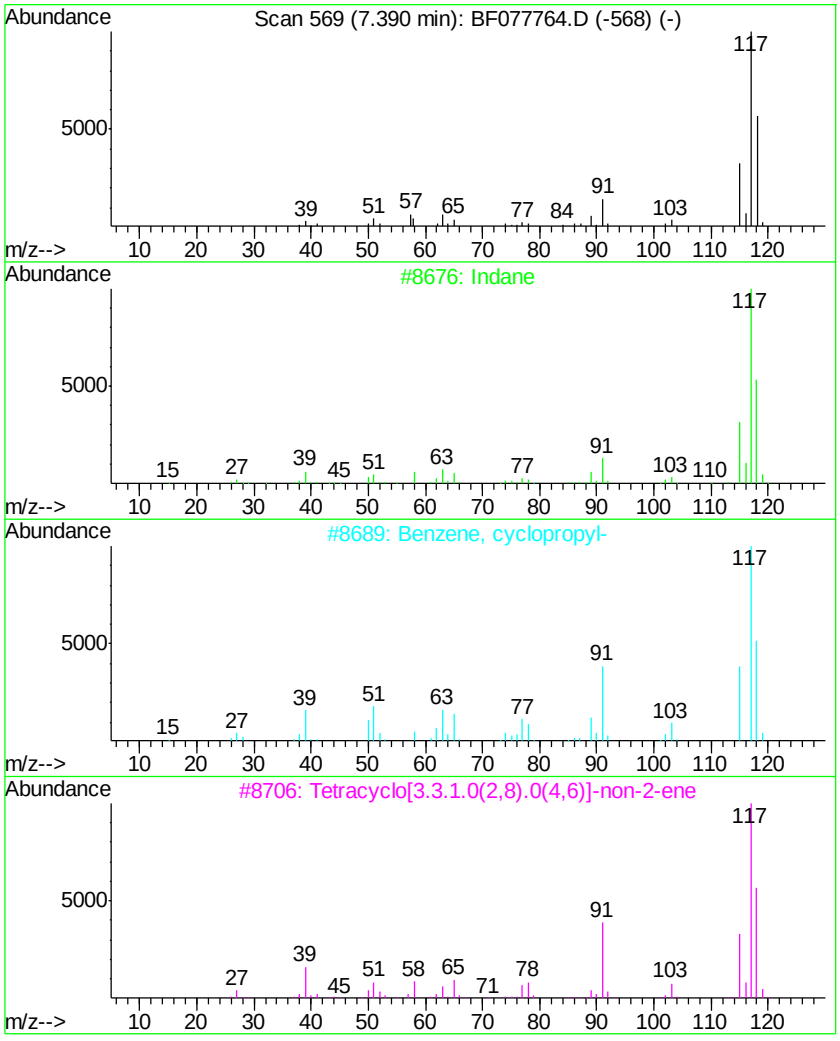
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

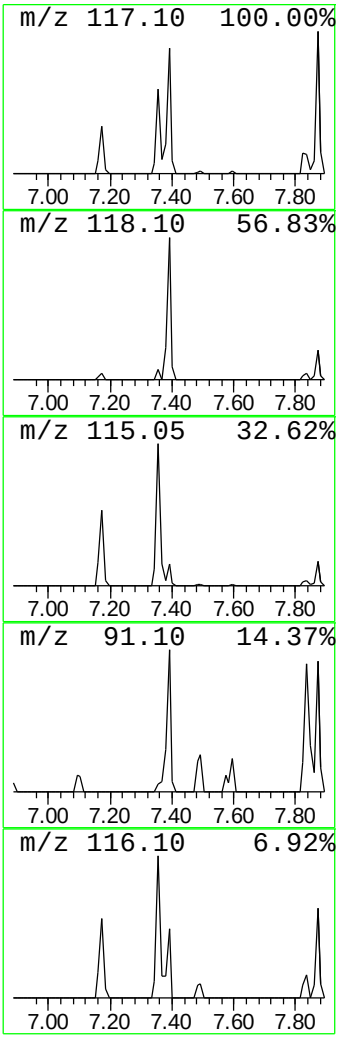
****

Peak Number 9 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	4.11 ng	72055	1,4-Dichlorobenzene-d4	7.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

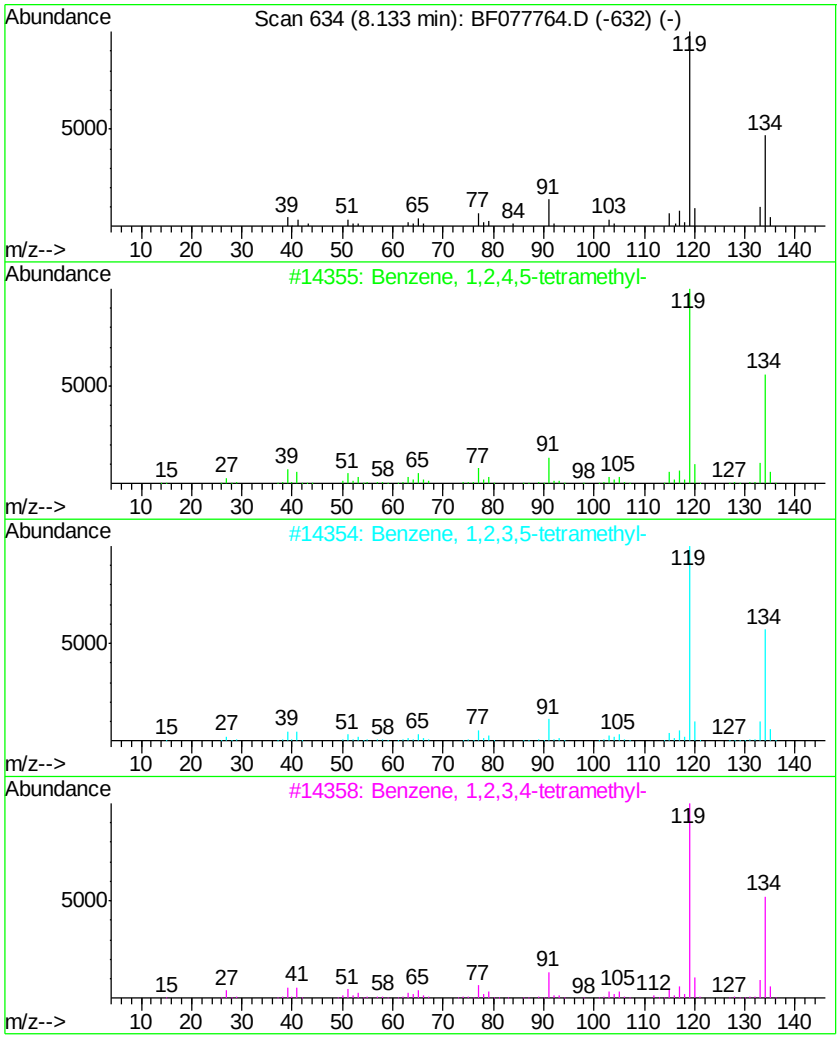
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

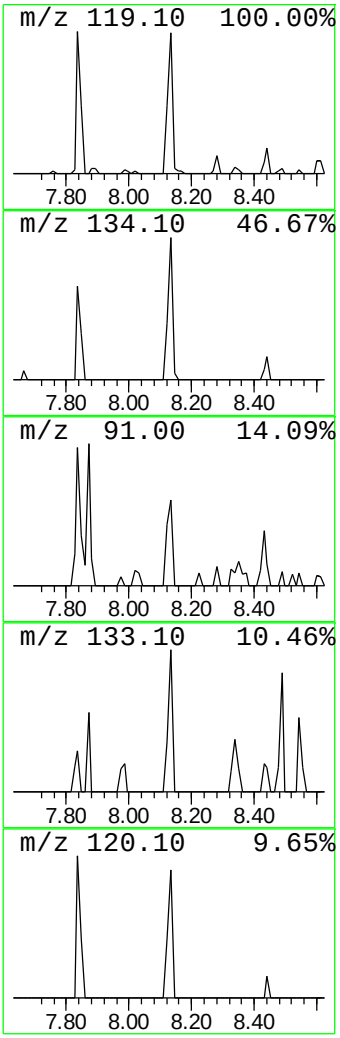
****

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	2.25 ng	56664	Naphthalene-d8	8.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

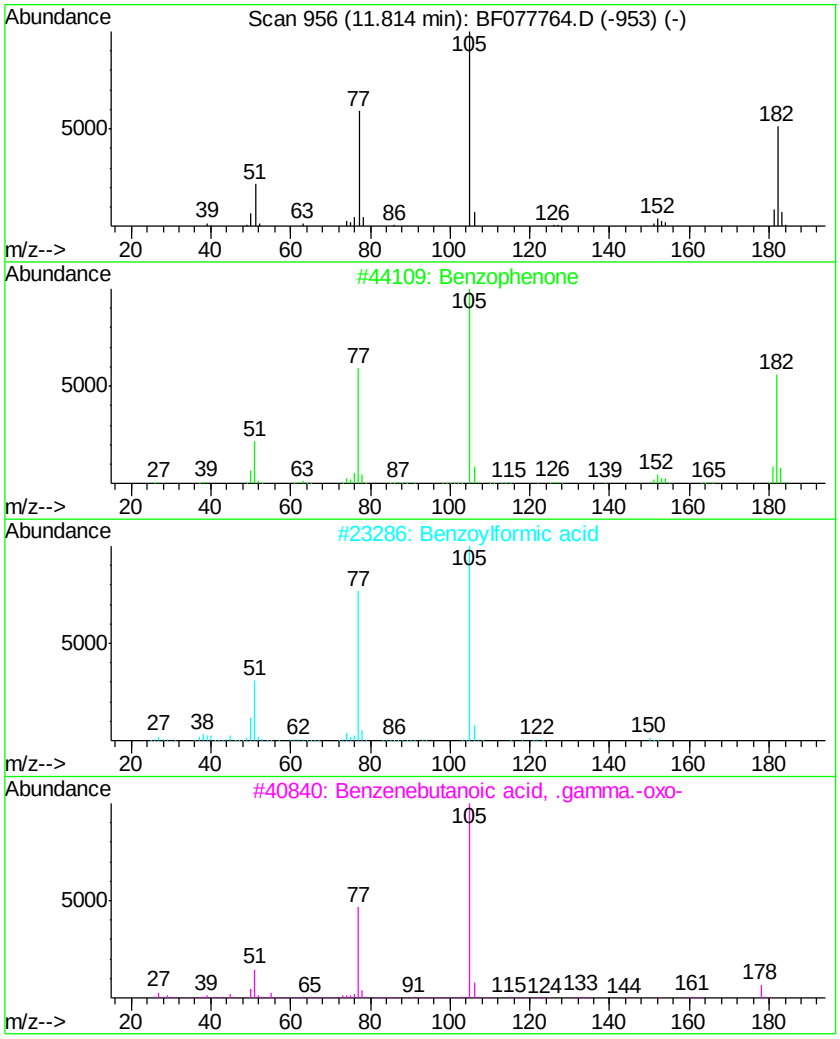
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

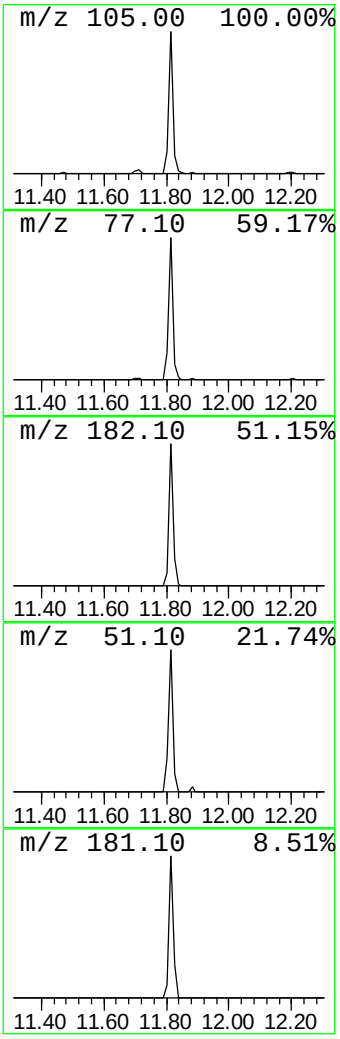
****

Peak Number 12 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	4.89 ng	139865	Acenaphthene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoylformic acid	150	C8H6O3	000611-73-4	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

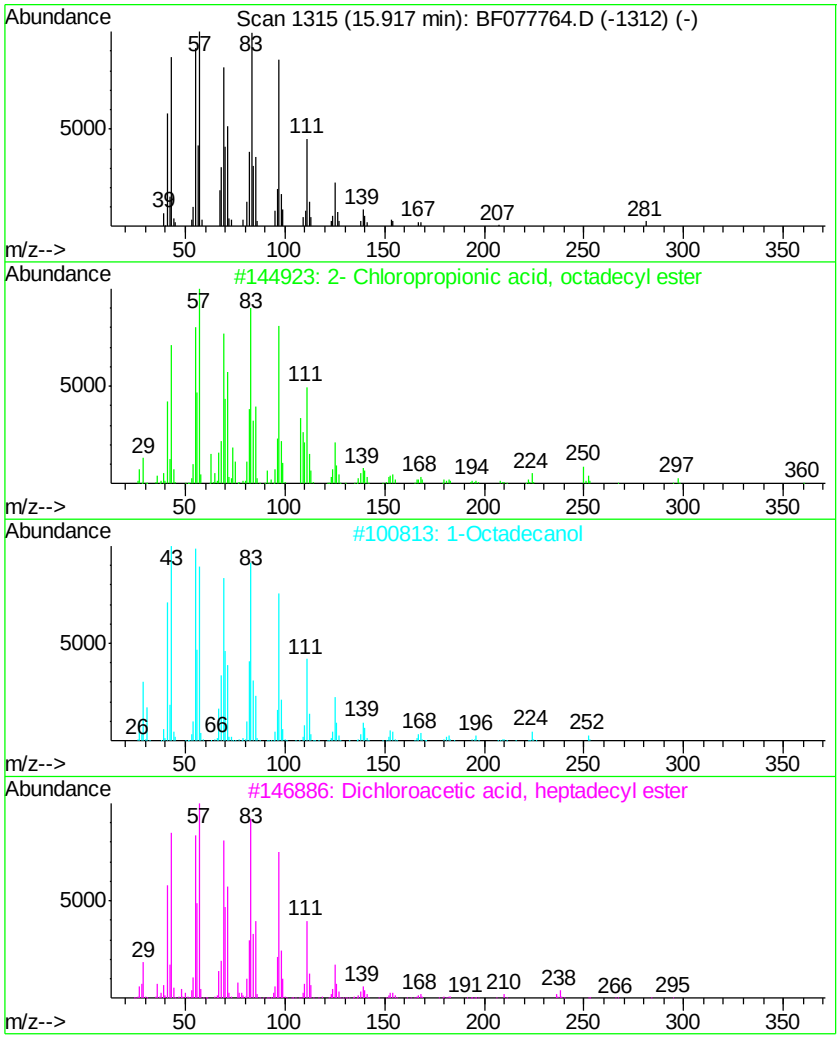
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

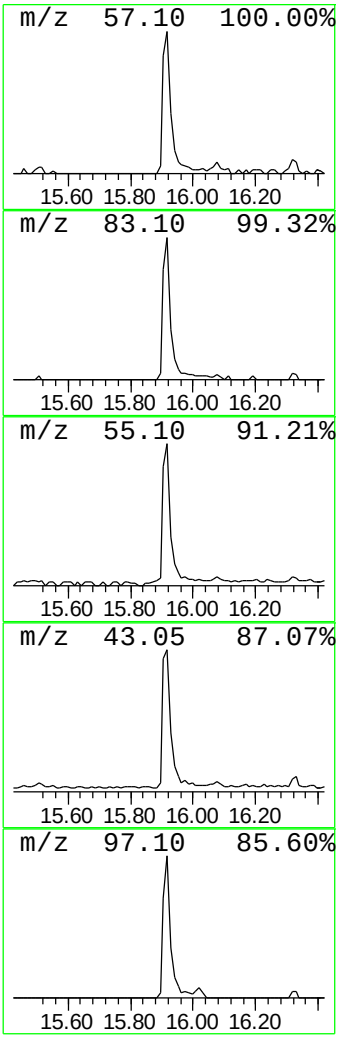
****

Peak Number 13 2- Chloropropionic acid, oc... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	9.14 ng	294585	Chrysene-d12	16.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
2	1-Octadecanol	270	C18H38O	000112-92-5	90
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	1-Nonadecene	266	C19H38	018435-45-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077764.D
Acq On : 16 Mar 2015 20:38
Operator : TP/IZ
Sample : G1533-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.33	1.33	149.5	ng	2622150	1	7.17	350876	20.0
Butane, 2-methoxy...	1.62	15.4	ng	269431	1	7.17	350876	20.0
1,3-Dimethyl-1-cy...	4.32	2.3	ng	40594	1	7.17	350876	20.0
unknown6.88	6.88	18.4	ng	323726	1	7.17	350876	20.0
Indane	7.39	4.1	ng	72055	1	7.17	350876	20.0
Benzene, 1,2,4,5-...	8.13	2.3	ng	56664	2	8.75	504377	20.0
Benzophenone	11.81	4.9	ng	139865	3	10.91	571834	20.0
2- Chloropropioni...	15.92	9.1	ng	294585	5	16.03	644685	20.0