LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103847.D
Acq On : 22 Mar 2018 13:14
Operator : JU/SJ
Sample : J1999-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AM-WWTP-001

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-BF031518.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	2.299	30	36	46	rVB	527457	698693	14.52%	2.202%
2	3.563	249	251	259	rBV3	45466	80510	1.67%	0.254%
3	5.198	524	529	536	rBV	868733	893978	18.58%	2.817%
4	5.469	571	575	578	rBV	95806	80021	1.66%	0.252%
5	5.587	589	595	612	rBV	1661193	1634907	33.98%	5.152%
6	5.828	631	636	638	rBV	167418	144736	3.01%	0.456%
7	5.857	638	641	644	rVV	420842	356409	7.41%	1.123%
8	5.916	648	651	660	rVV	201099	169381	3.52%	0.534%
9	6.581	760	764	767	rBV	1171864	931324	19.36%	2.935%
10	6.739	786	791	794	rBV	2756868	2572480	53.47%	8.106%
11	6.969	826	830	834	rBV	957331	757802	15.75%	2.388%
12	7.128	853	857	860	rBV	3615282	3256197	67.68%	10.260%
13	7.533	917	926	929	rBV	2676566	2761578	57.40%	8.702%
14	7.833	974	977	982	rBV	54653	52020	1.08%	0.164%
15	8.251	1044	1048	1051	rBV	1264159	1046444	21.75%	3.297%
16	9.251	1214	1218	1226	rBV	107159	99313	2.06%	0.313%
17	9.327	1226	1231	1234	rBV	4635333	4811171	100.00%	15.160%
18	9.763	1301	1305	1309	rVB	91556	83218	1.73%	0.262%
19	10.010	1343	1347	1351	rBV2	1371548	1196962	24.88%	3.772%
20	10.804	1477	1482	1485	rBV	2365220	2171251	45.13%	6.842%
21	10.927	1500	1503	1509	rBV	95583	76989	1.60%	0.243%
22	11.504	1597	1601	1604	rBV	1461897	1224151	25.44%	3.857%
23	11.874	1661	1664	1667	rBV	70256	54034	1.12%	0.170%
24	13.098	1867	1872	1875	rBV2	4134125	4640397	96.45%	14.622%
25	14.180	2050	2056	2060	rBV	1056832	1065415	22.14%	3.357%
26	15.756	2319	2324	2334	rVB2	641172	876110	18.21%	2.761%

Sum of corrected areas: 31735491

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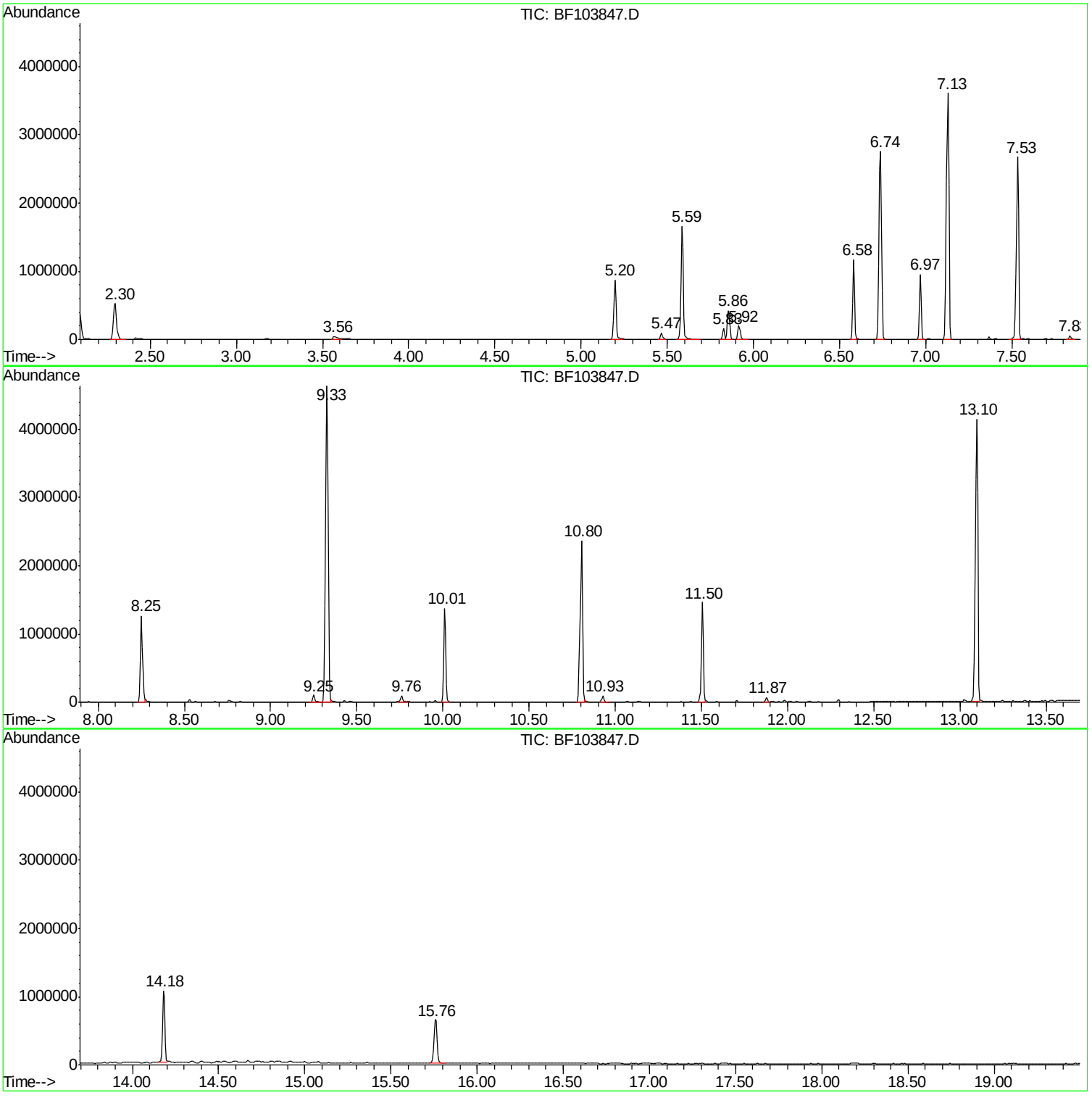
Instrument : BNA_F
ClientSampleId : AM-WWTP-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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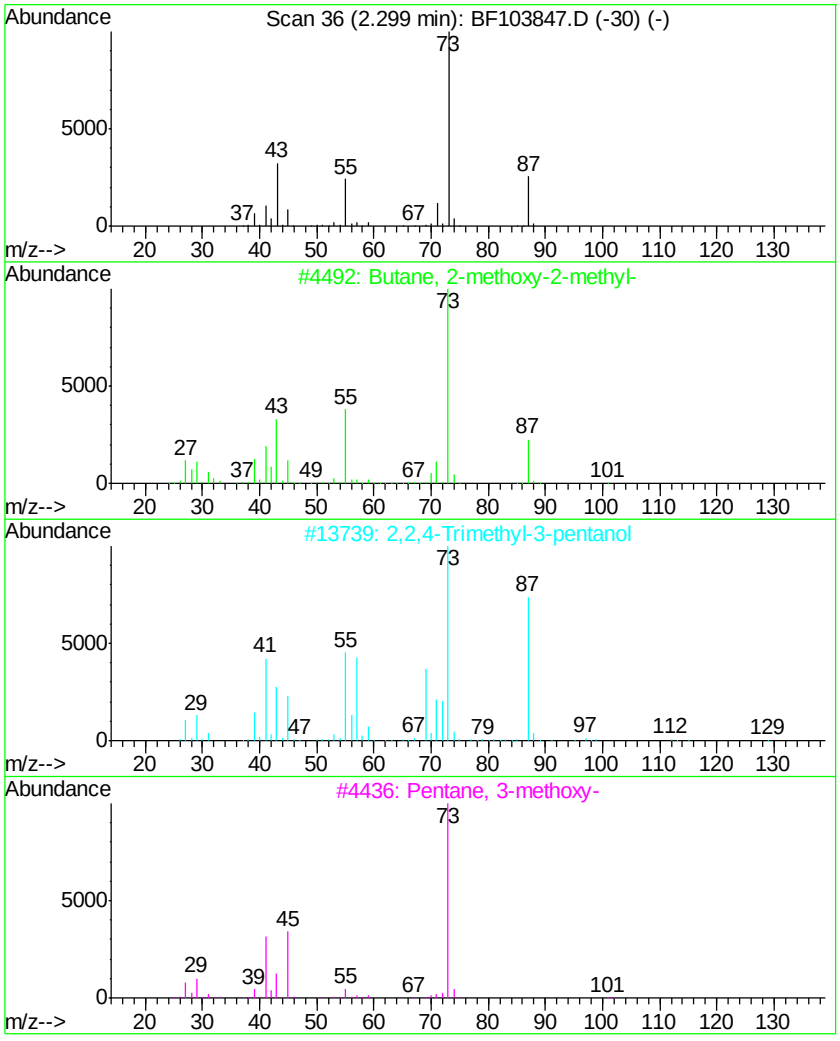
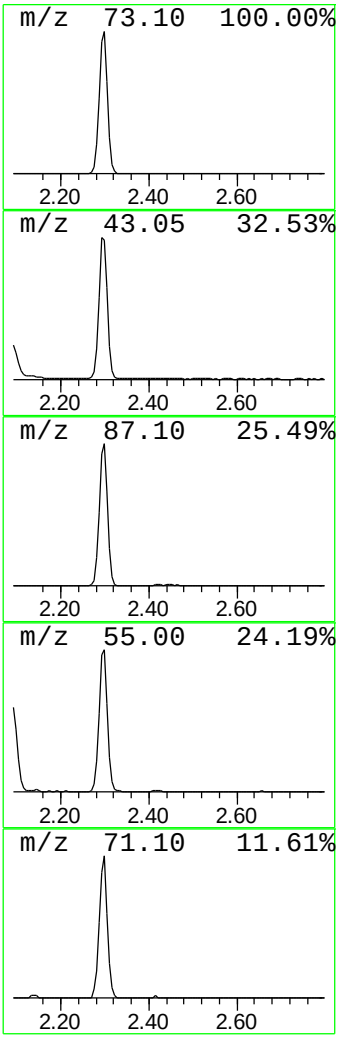
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	18.44 ng	698693	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Operator : JU/SJ
Sample : J1999-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AM-WWTP-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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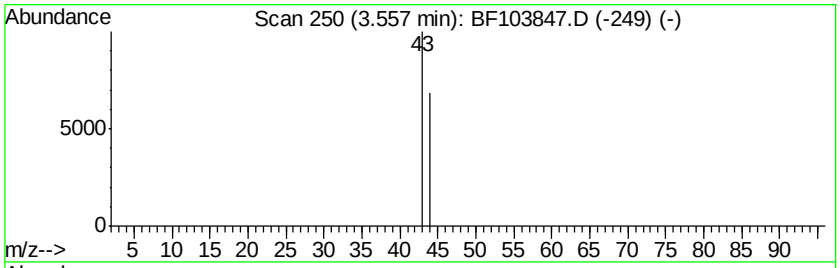
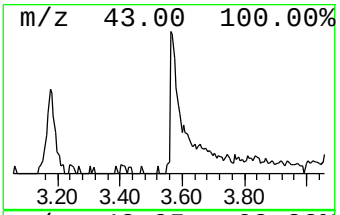
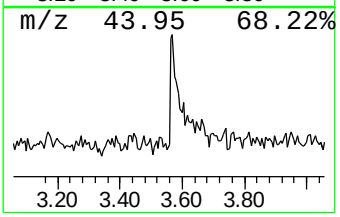
Peak Number 2 R-(-)-1,2-propanediol Concentration Rank 8

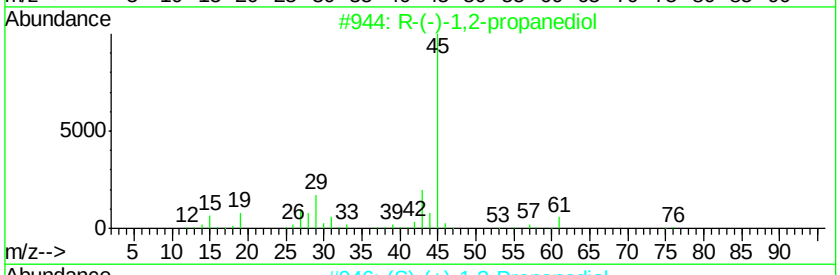
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	2.12 ng	80510	1,4-Dichlorobenzene-d4	6.97

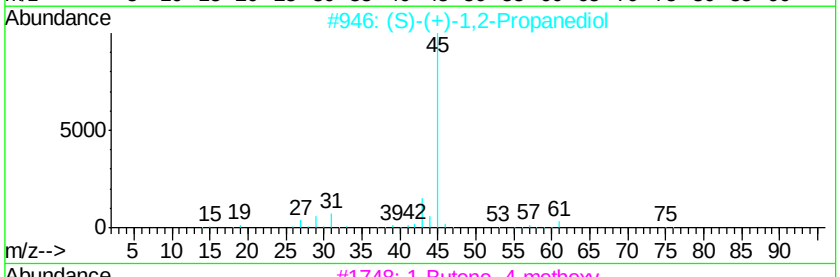
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	64
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	9
4	2-Pentanol	88	C5H12O	006032-29-7	9
5	Propylene Glycol	76	C3H8O2	000057-55-6	9

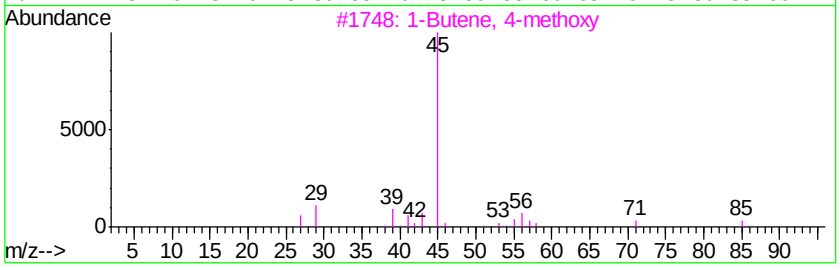












Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : AM-WWTP-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

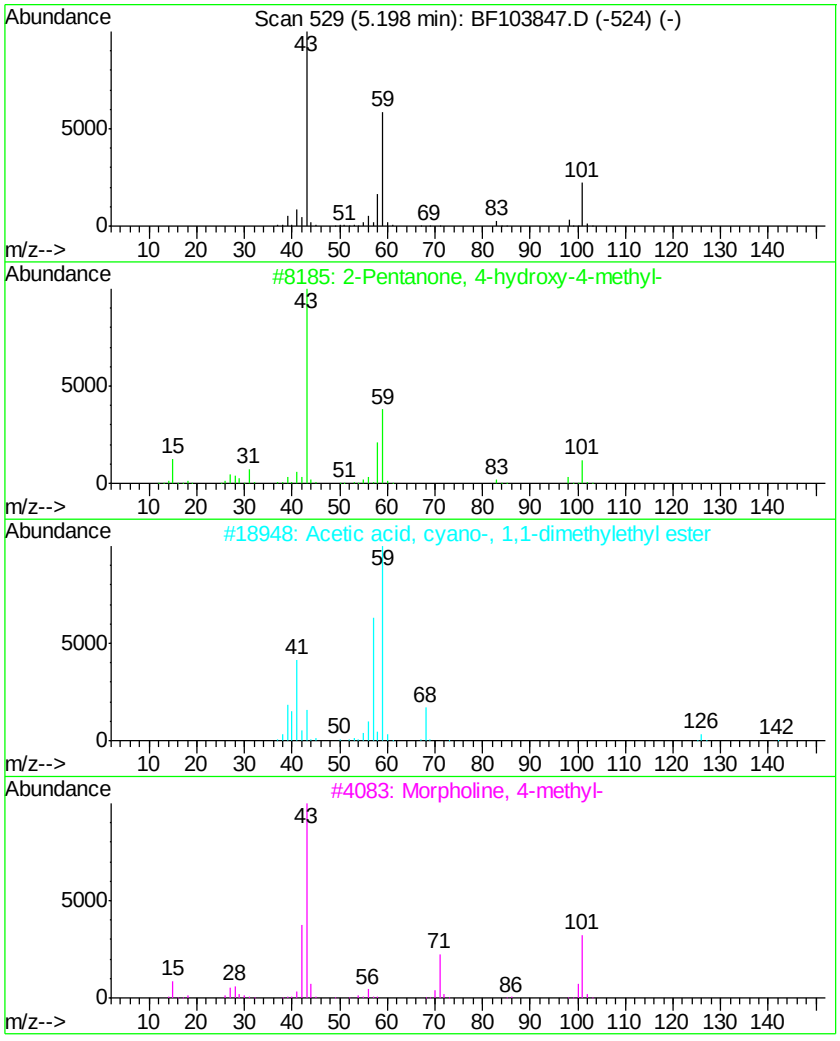
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

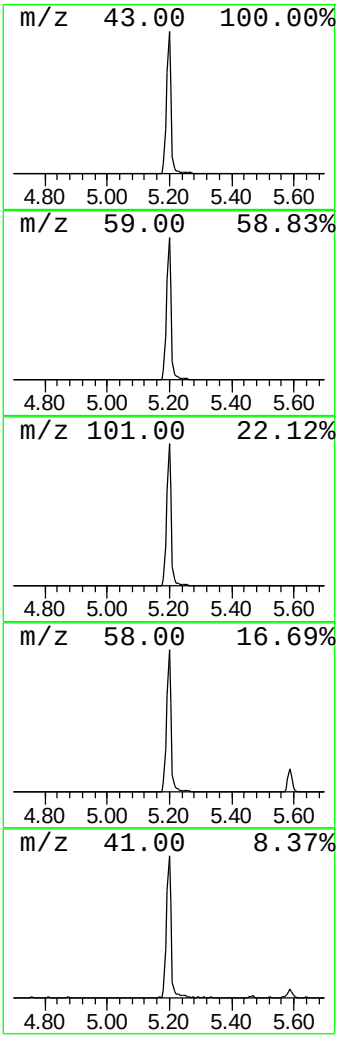
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	23.59 ng	893978	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Sample : J1999-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AM-WWTP-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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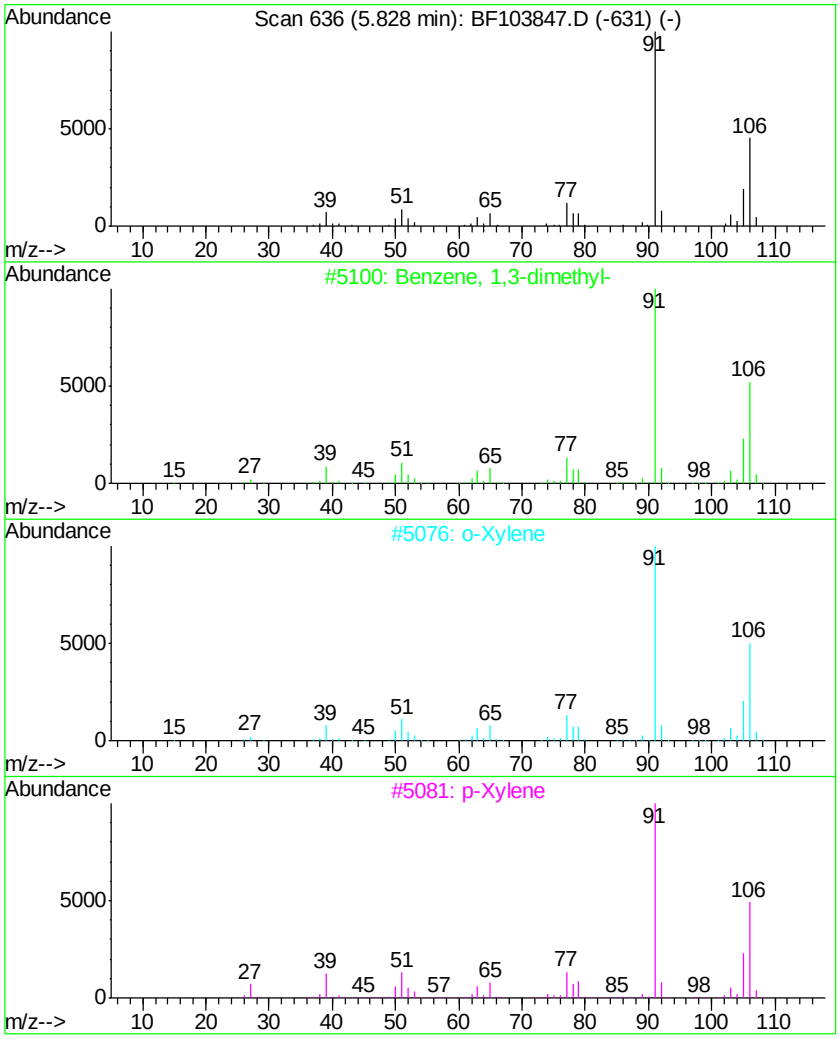
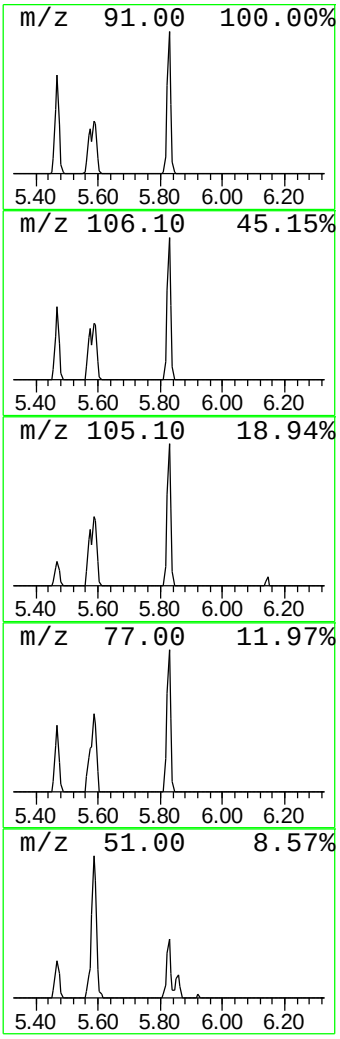
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	3.82 ng	144736	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	80





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Misc :
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Instrument : BNA_F
ClientSampleId : AM-WWTP-001

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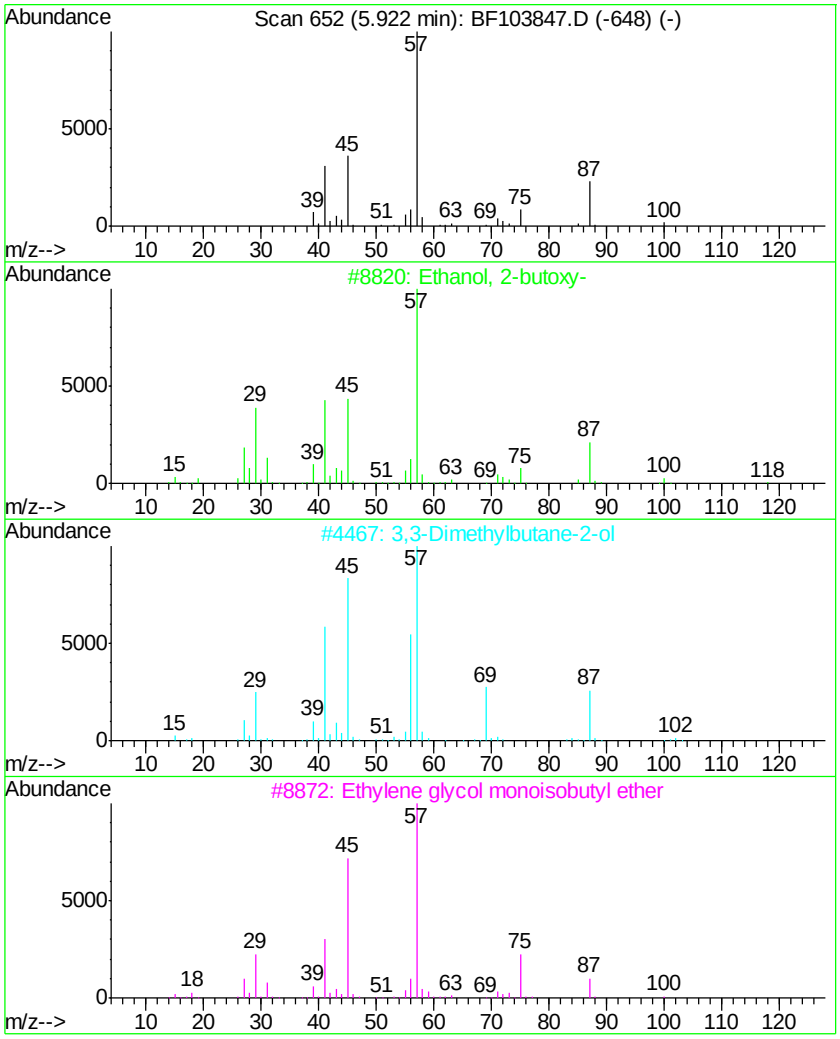
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

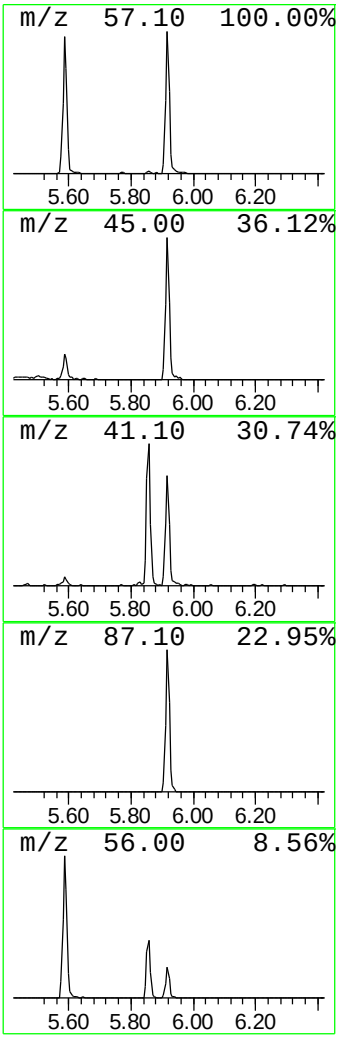
****

Peak Number 7 Ethanol, 2-butoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	4.47 ng	169381	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	64
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	40
4	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	23
5	n-Butyl ether	130	C8H18O	000142-96-1	16





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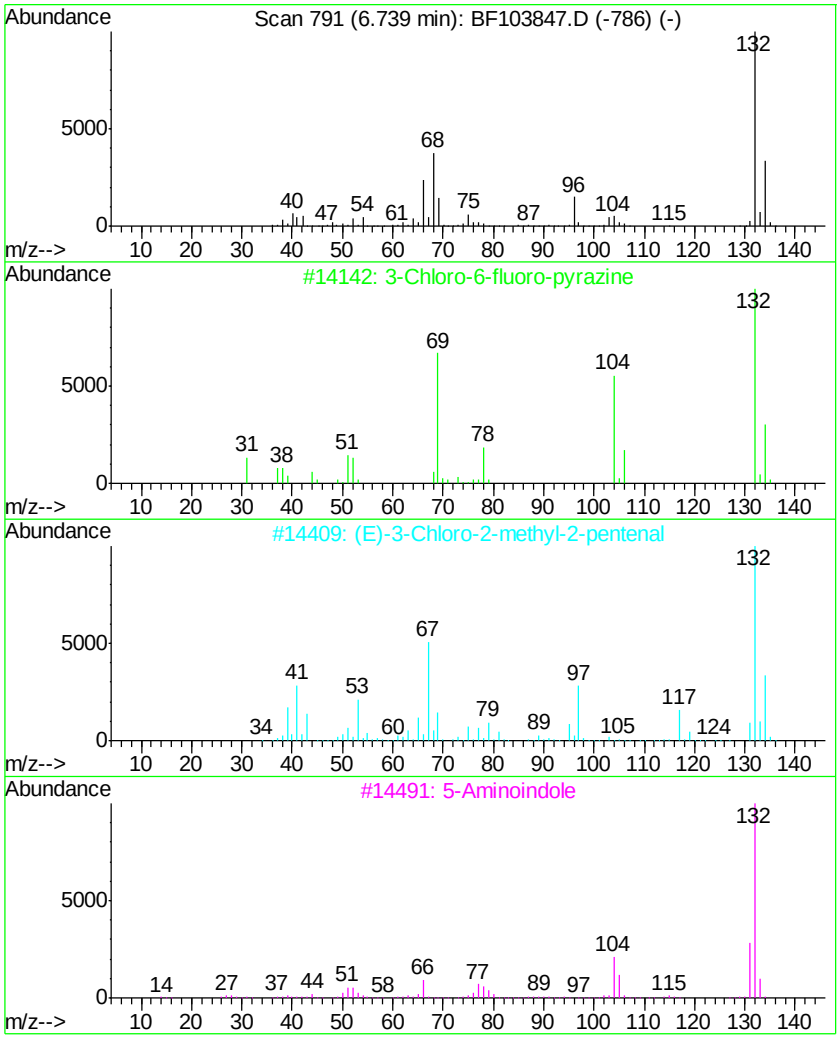
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

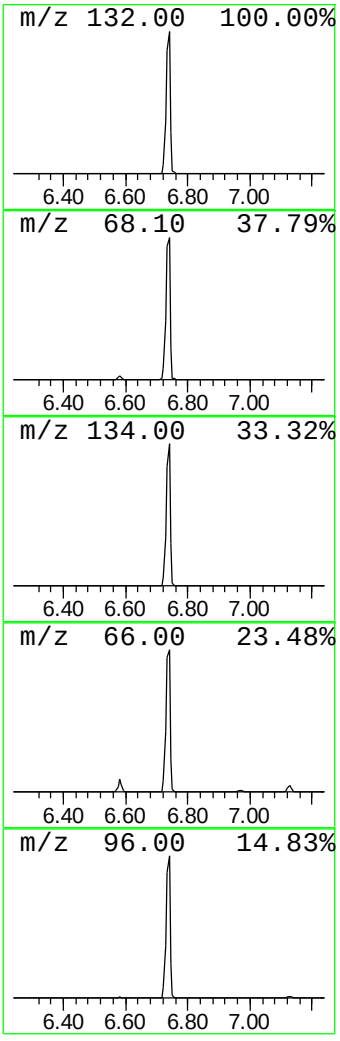
****

Peak Number 8 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	67.89 ng	2572480	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.30	18.4	ng	698693	1	6.97	757802	20.0
R-(-)-1,2-propane...	3.56	2.1	ng	80510	1	6.97	757802	20.0
2-Pentanone, 4-hy...	5.20	23.6	ng	893978	1	6.97	757802	20.0
Benzene, 1,3-dime...	5.83	3.8	ng	144736	1	6.97	757802	20.0
Ethanol, 2-butoxy-	5.92	4.5	ng	169381	1	6.97	757802	20.0
unknown6.74	6.74	67.9	ng	2572480	1	6.97	757802	20.0