LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100444.D
Acq On : 11 Nov 2017 16:50
Operator : SJ/JU
Sample : I6387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWAGE-INJECTION-TANK-WATE

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-BF110817.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	6.080	635	679	681	rBV2	7081432	86077479	100.00%	79.142%
2	6.945	820	826	832	rBV	530519	883235	1.03%	0.812%
3	7.022	832	839	842	rVV	3841407	3621630	4.21%	3.330%
4	7.098	848	852	860	rVB4	813653	997939	1.16%	0.918%
5	7.333	888	892	895	rBV	3192171	2872051	3.34%	2.641%
6	7.527	922	925	928	rVV	2073431	1777269	2.06%	1.634%
7	8.198	1035	1039	1044	rVV	1163046	1073637	1.25%	0.987%
8	8.239	1044	1046	1050	rVB	1100121	877881	1.02%	0.807%
9	10.739	1466	1471	1476	rVB2	1000504	1093061	1.27%	1.005%
10	11.910	1667	1670	1673	rBV	1289628	1169558	1.36%	1.075%
11	12.951	1843	1847	1853	rBV	1643662	1403262	1.63%	1.290%
12	13.880	2001	2005	2015	rBV2	1672055	2095079	2.43%	1.926%
13	14.721	2144	2148	2162	rVB	1171696	1285254	1.49%	1.182%
14	16.268	2405	2411	2421	rBV2	1030732	1752728	2.04%	1.612%
15	16.450	2435	2442	2444	rBV2	525289	894075	1.04%	0.822%
16	16.480	2444	2447	2452	rVB3	574101	889473	1.03%	0.818%

Sum of corrected areas: 108763611

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
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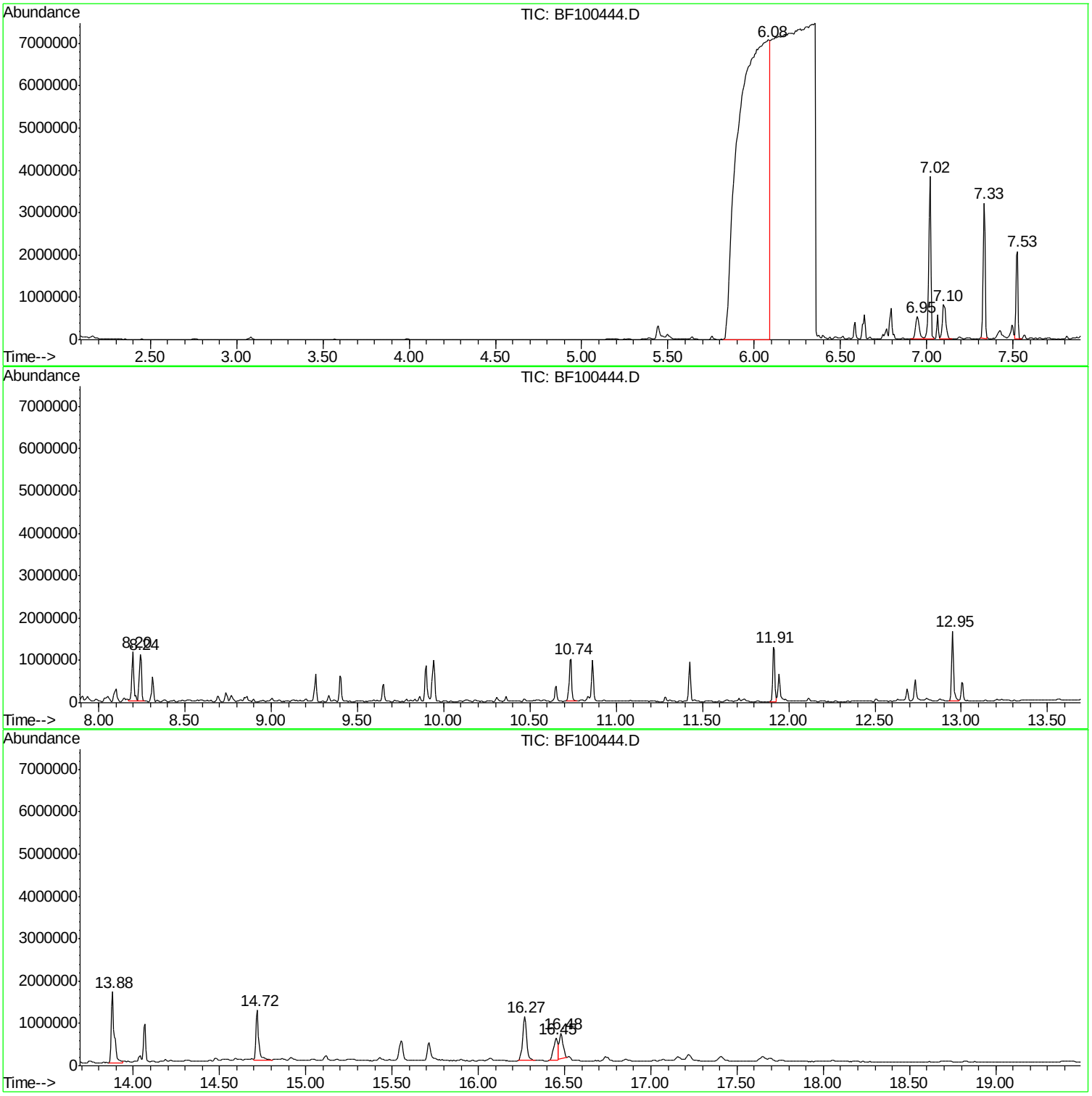
Operator : SJ/JU
Sample : I6387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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Data File : BF100444.D
Acq On : 11 Nov 2017 16:50
Operator : SJ/JU
Sample : I6387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

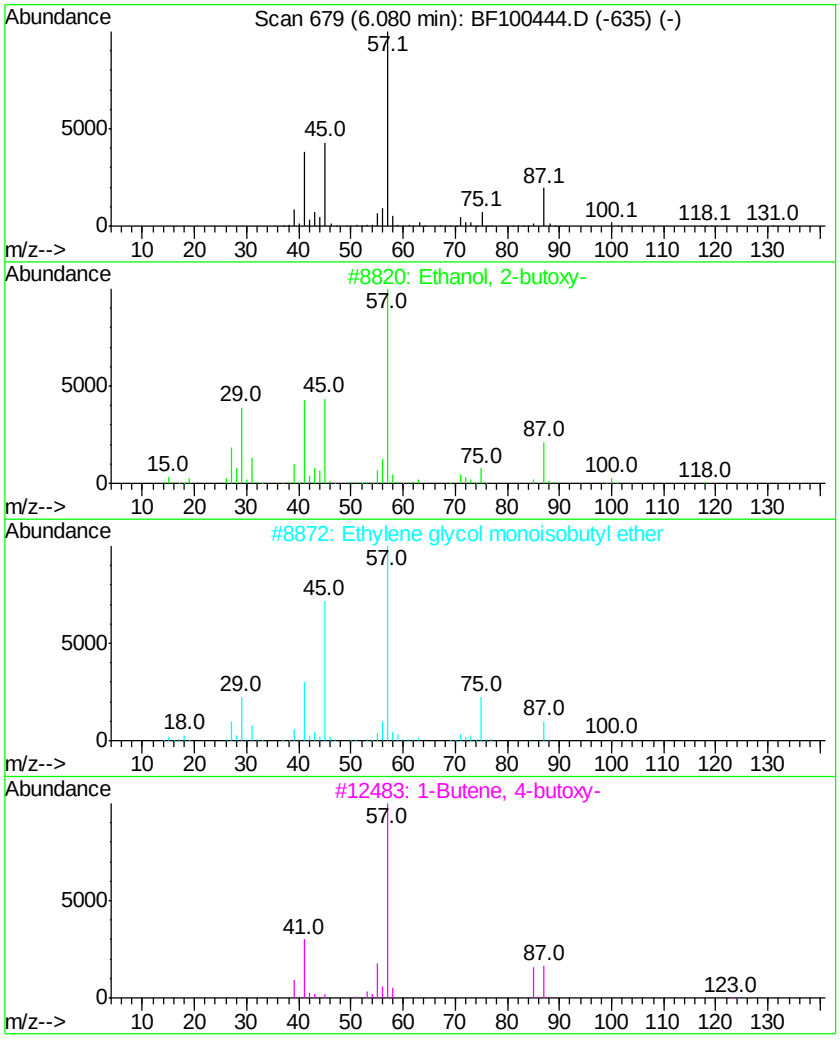
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

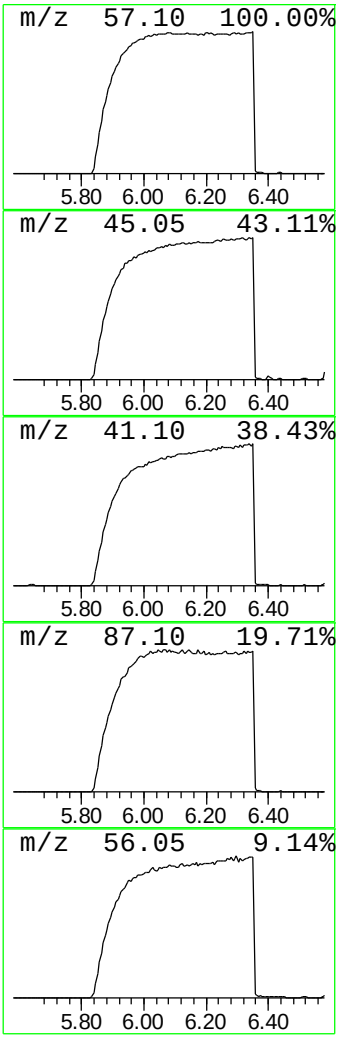
****

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	1949.14 ng	86077500	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
3	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	32
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	28
5	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	23





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Data File : BF100444.D
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Operator : SJ/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWAGE-INJECTION-TANK-WATE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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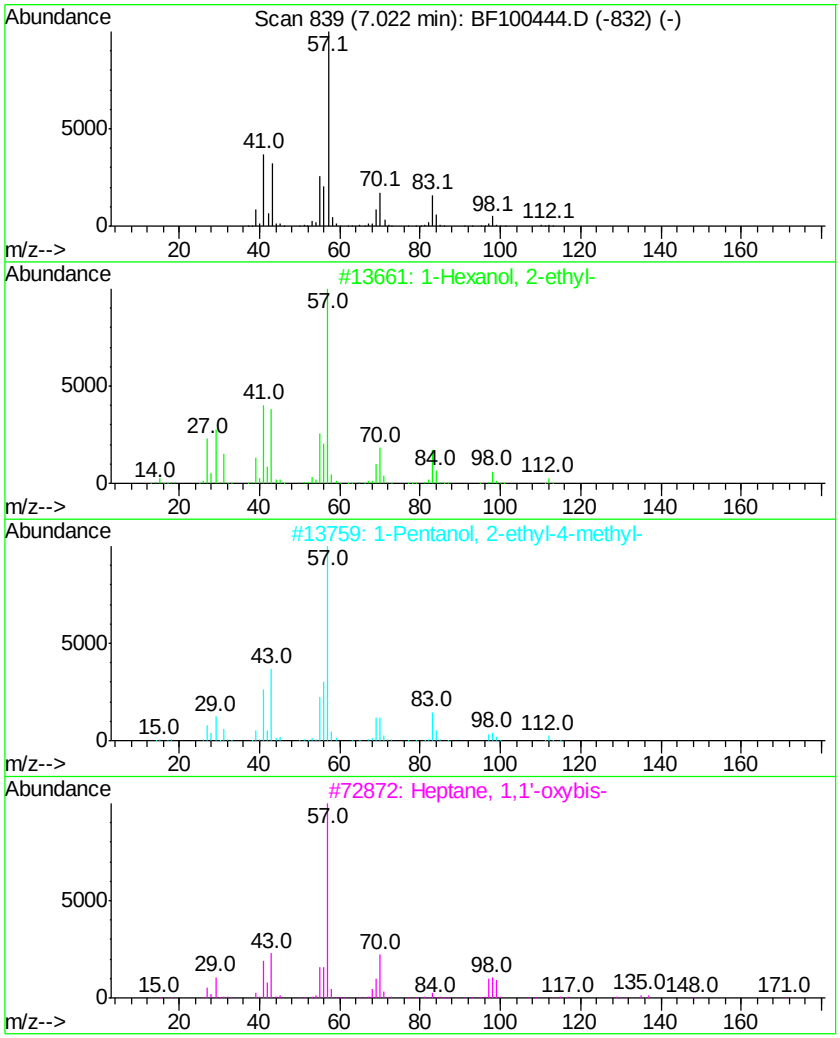
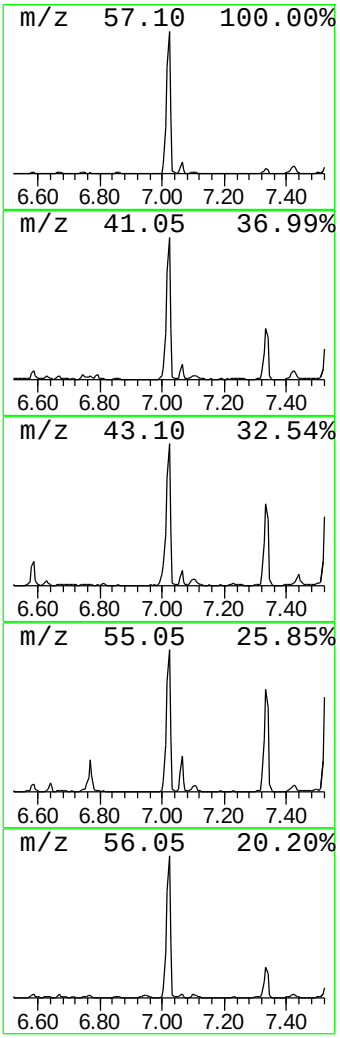
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	82.01 ng	3621630	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	42





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Operator : SJ/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWAGE-INJECTION-TANK-WATE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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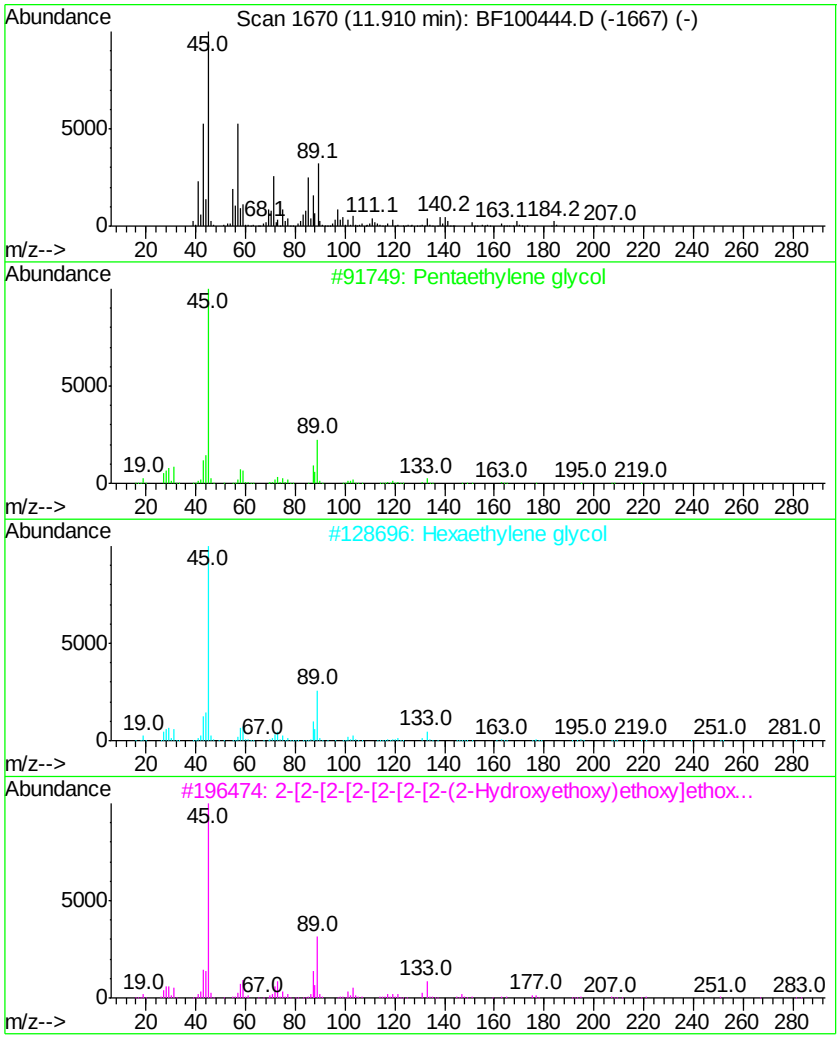
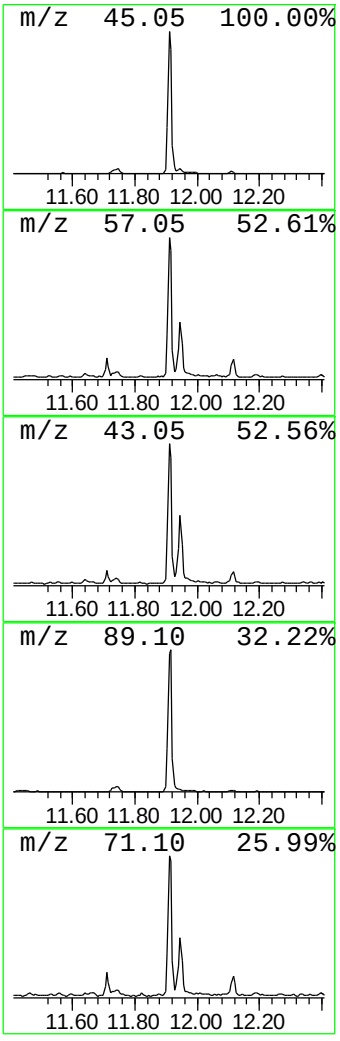
Peak Number 3 Pentaethylene glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	20.00 ng	1169560	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	58
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	53
3	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	52
4	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	50
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	50





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Operator : SJ/JU
Sample : I6387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWAGE-INJECTION-TANK-WATE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

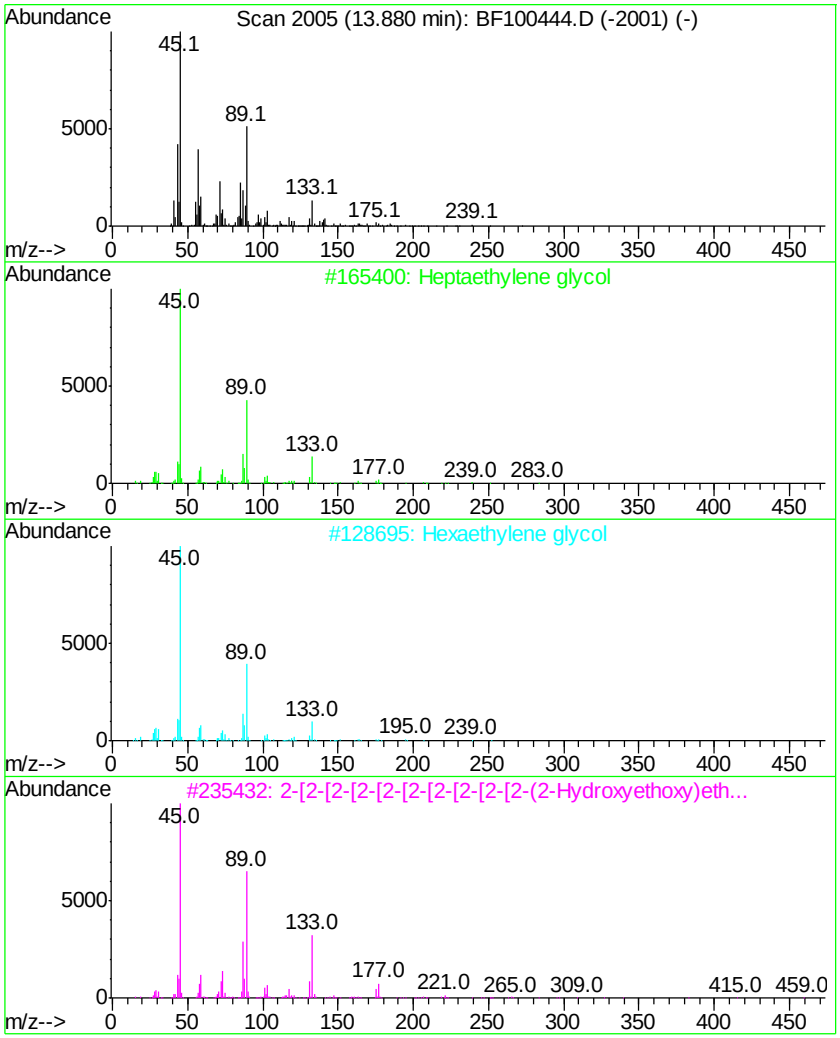
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

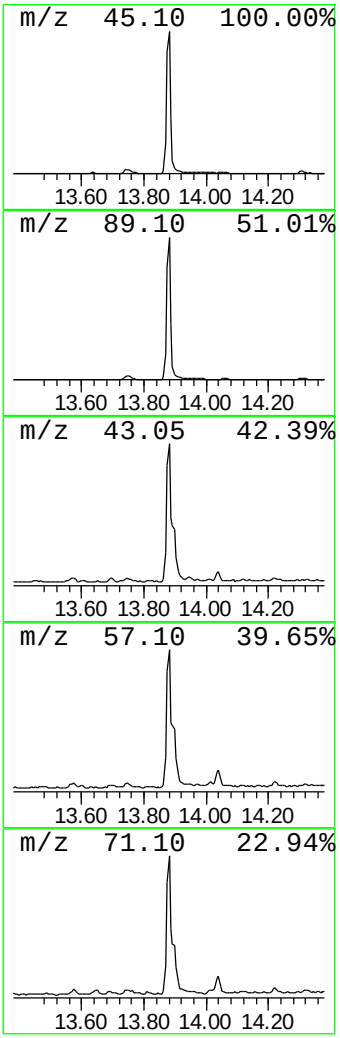
****

Peak Number 5 Heptaethylene glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	20.00 ng	2095080	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	76
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	76
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	68
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	68
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	64





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100444.D
Acq On : 11 Nov 2017 16:50
Operator : SJ/JU
Sample : I6387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWAGE-INJECTION-TANK-WATE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

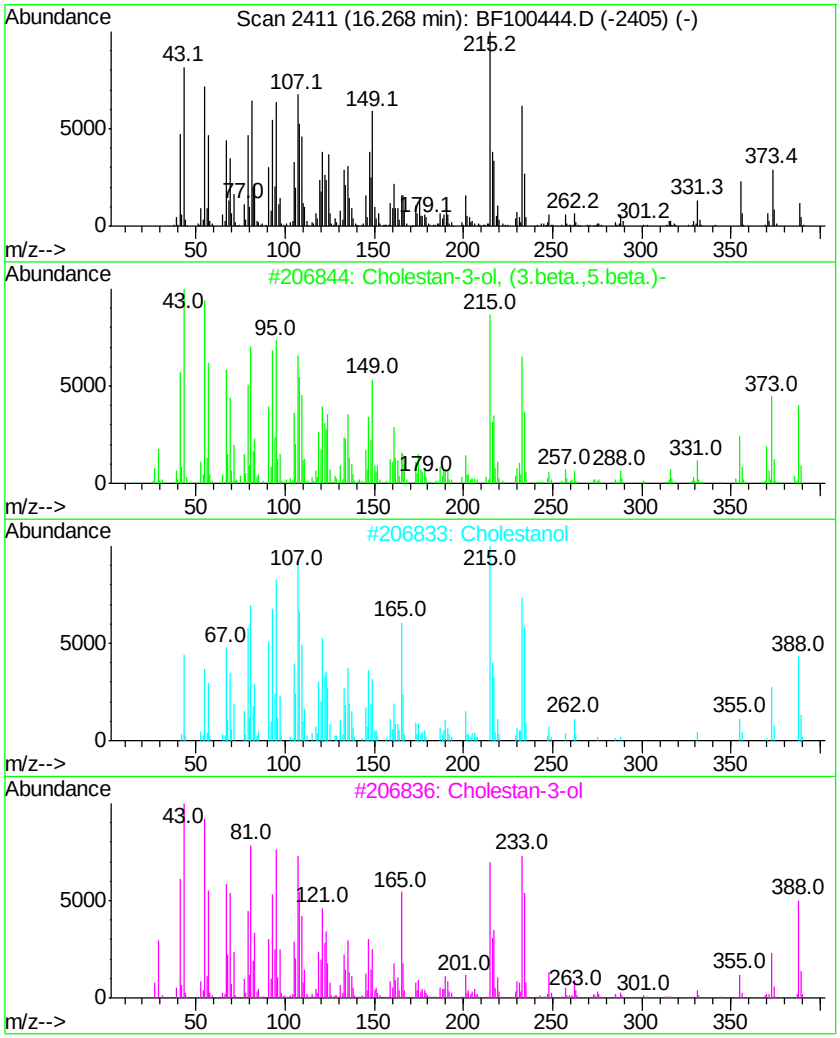
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

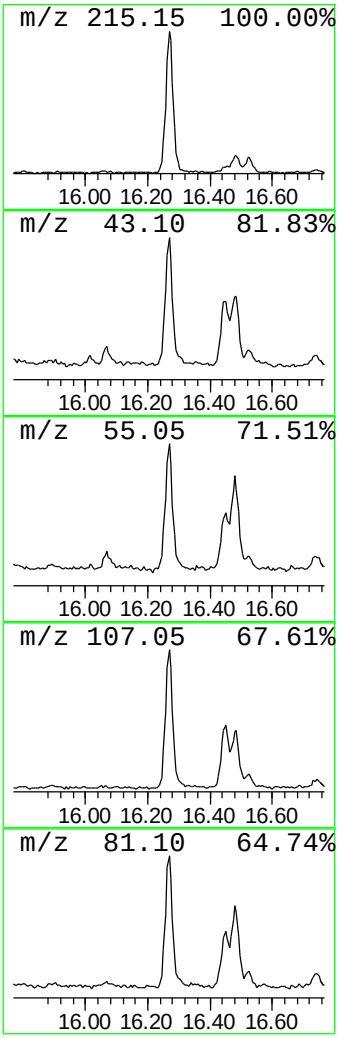
****

Peak Number 7 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	20.00 ng	1752730	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	86
2	Cholestanol	388	C27H48O	000080-97-7	72
3	Cholestan-3-ol	388	C27H48O	027409-41-2	50
4	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	38
5	2-((1S,3S)-3-hydroxycyclohexyl)-...	332	C22H36O2	1000372-26-3	30





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWAGE-INJECTION-TANK-WATE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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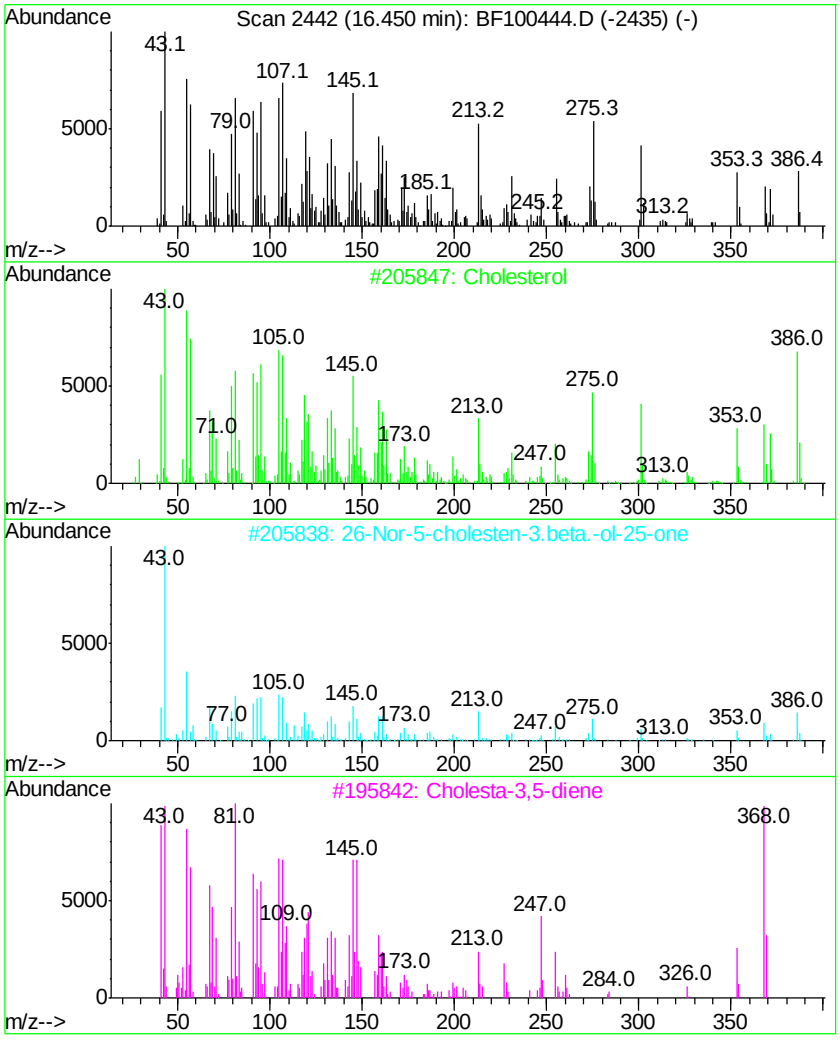
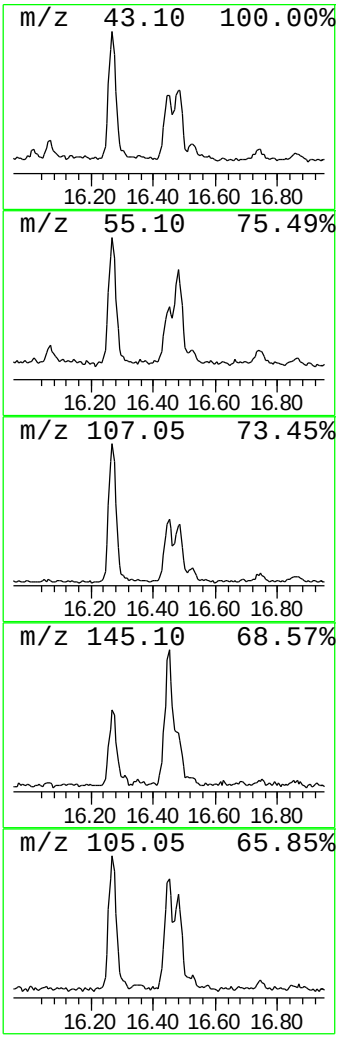
Peak Number 8 Cholesterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	10.20 ng	894075	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3	Cholesta-3,5-diene	368	C27H44	000747-90-0	30
4	Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	30
5	9-Oxa-bicyclo[3.3.1]nona-3,6-die...	136	C8H8O2	075568-53-5	25





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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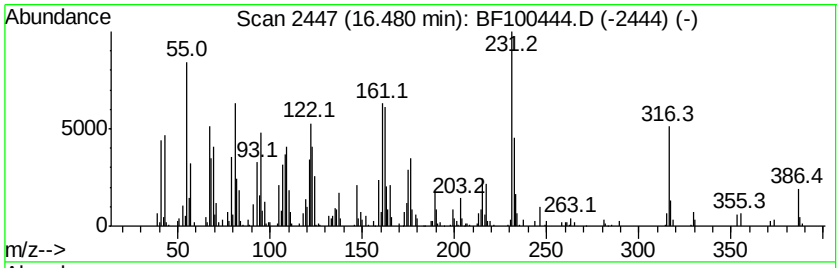
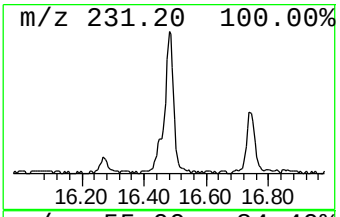
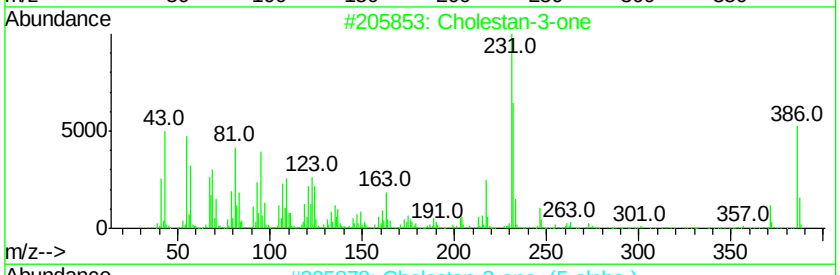
Peak Number 9 Cholestan-3-one Concentration Rank 9

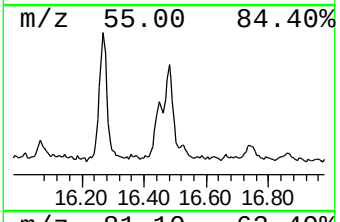
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	10.15 ng	889473	Perylene-d12	15.55

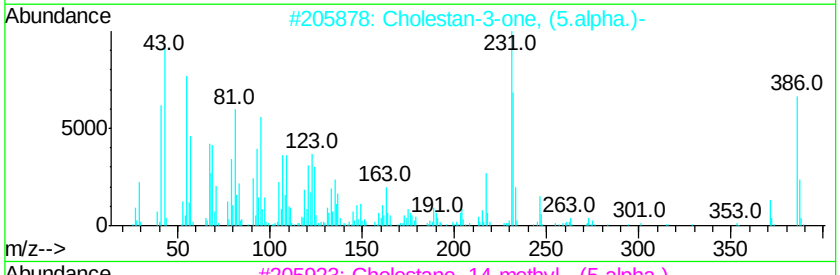
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	91
2	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	55
3	Cholestane, 14-methyl-, (5.alpha.)-	386	C28H50	054482-34-7	49
4	Cholestane, 14-methyl-	386	C28H50	052474-84-7	49
5	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	35

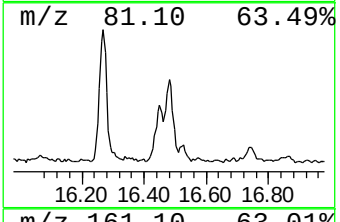


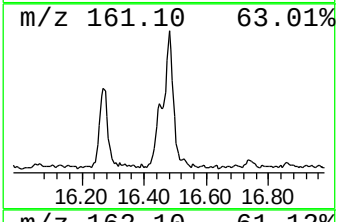


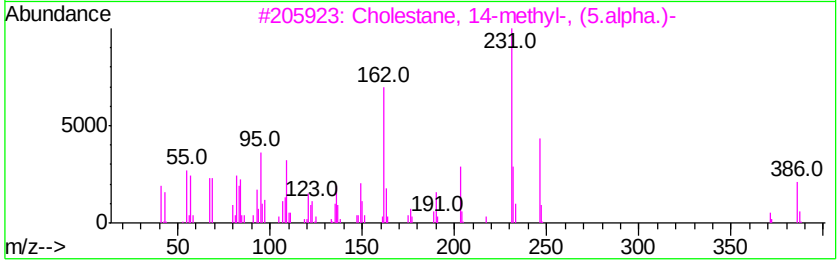


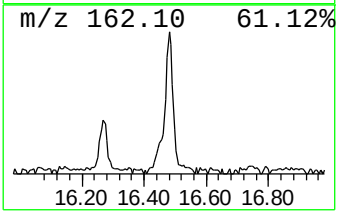












Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-butoxy-	6.08	1949.1	ng	86077500	1	6.95	883235	20.0
1-Hexanol, 2-ethyl-	7.02	82.0	ng	3621630	1	6.95	883235	20.0
Pentaethylene glycol	11.91	20.0	ng	1169560	4	11.43	1169560	20.0
Heptaethylene glycol	13.88	20.0	ng	2095080	5	14.07	2095080	20.0
Cholestan-3-ol, (...	16.27	20.0	ng	1752730	6	15.55	1752730	20.0
Cholesterol	16.45	10.2	ng	894075	6	15.55	1752730	20.0
Cholestan-3-one	16.48	10.2	ng	889473	6	15.55	1752730	20.0