LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058855.D
Acq On : 25 Aug 2023 18:43
Operator : MA/JU
Sample : 04093-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-20230818

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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058855.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.382	384	390	402	rBV	144110	236985	15.60%	3.803%
2	6.980	656	662	671	rBV	71870	129355	8.51%	2.076%
3	7.803	796	802	809	rBV	70871	119181	7.84%	1.912%
4	8.972	992	1001	1022	rBV	218367	419117	27.58%	6.725%
5	10.605	1270	1279	1289	rVB	84857	157420	10.36%	2.526%
6	11.128	1361	1368	1374	rBV	74355	123168	8.11%	1.976%
7	11.193	1374	1379	1391	rVB	90160	160002	10.53%	2.567%
8	12.485	1592	1599	1606	rBV2	12790	21732	1.43%	0.349%
9	13.073	1692	1699	1715	rBV	533185	856835	56.39%	13.748%
10	13.343	1738	1745	1756	rBV	208236	337090	22.18%	5.409%
11	14.454	1926	1934	1947	rBV	130747	214160	14.09%	3.436%
12	15.946	2182	2188	2211	rBV	487318	799121	52.59%	12.822%
13	17.197	2395	2401	2413	rBV	182233	292196	19.23%	4.688%
14	17.485	2433	2450	2451	rBV5	8967	31130	2.05%	0.499%
15	19.818	2841	2847	2855	rBV	1205179	1519577	100.00%	24.382%
16	21.116	3064	3068	3072	rVB	13105	17756	1.17%	0.285%
17	21.181	3075	3079	3088	rVV	29668	46643	3.07%	0.748%
18	21.440	3117	3123	3131	rBV2	230040	362953	23.89%	5.824%
19	24.507	3633	3645	3662	rBV3	134890	387864	25.52%	6.223%

Sum of corrected areas: 6232285

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ClientSampleId :
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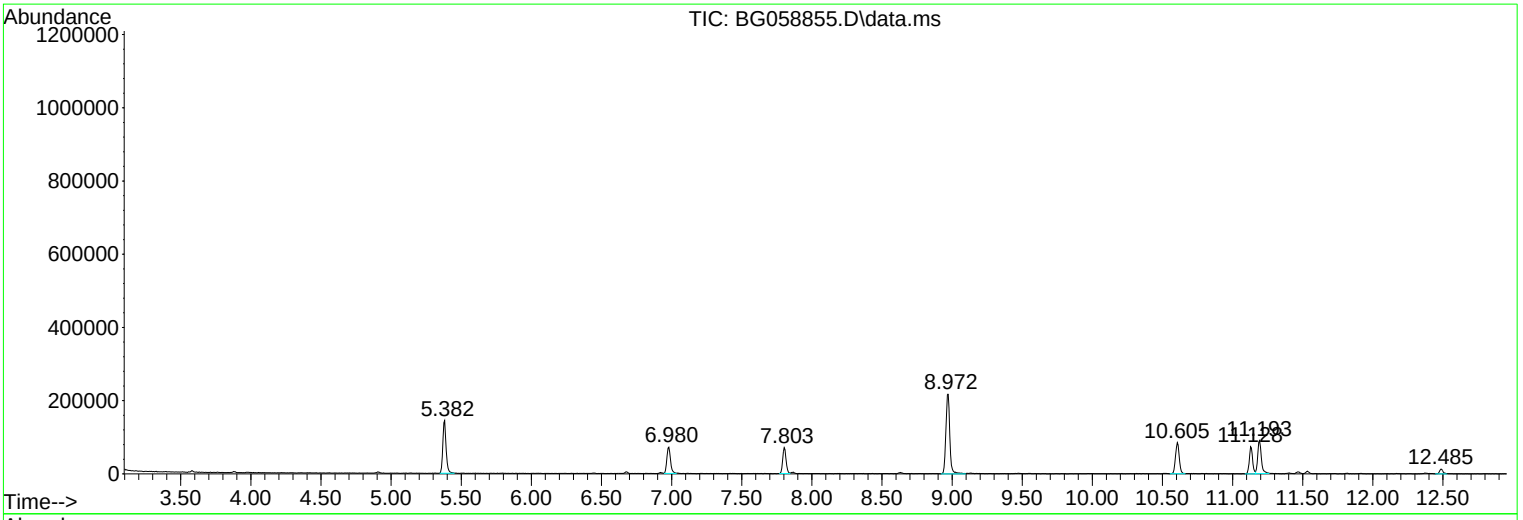
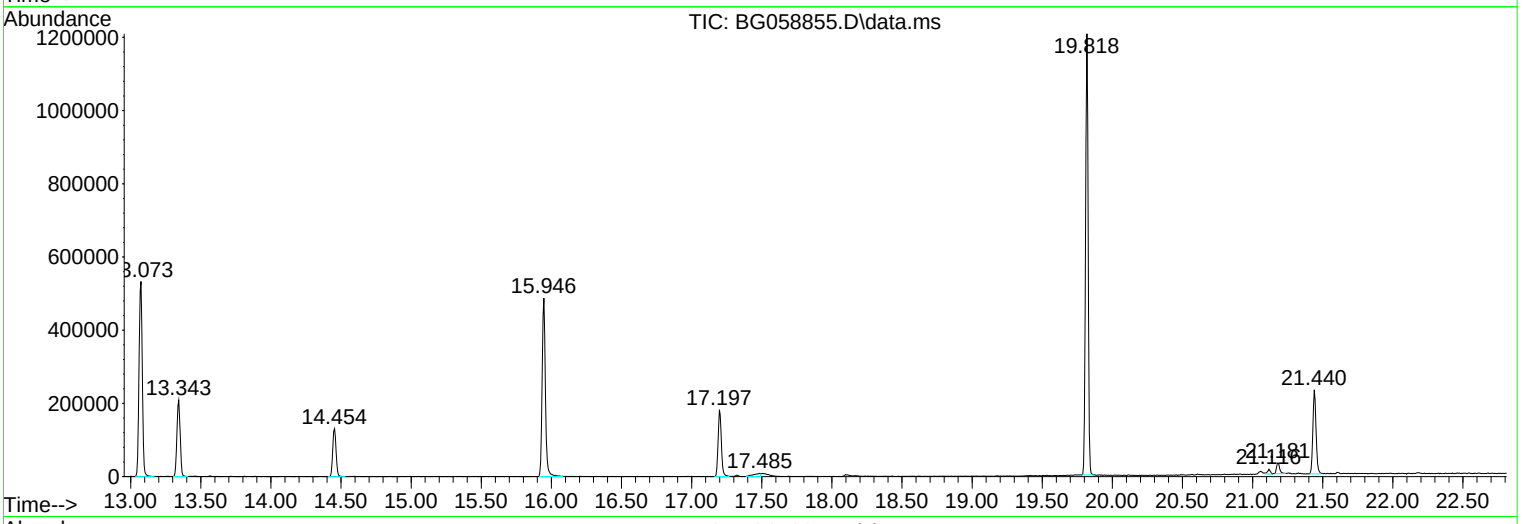
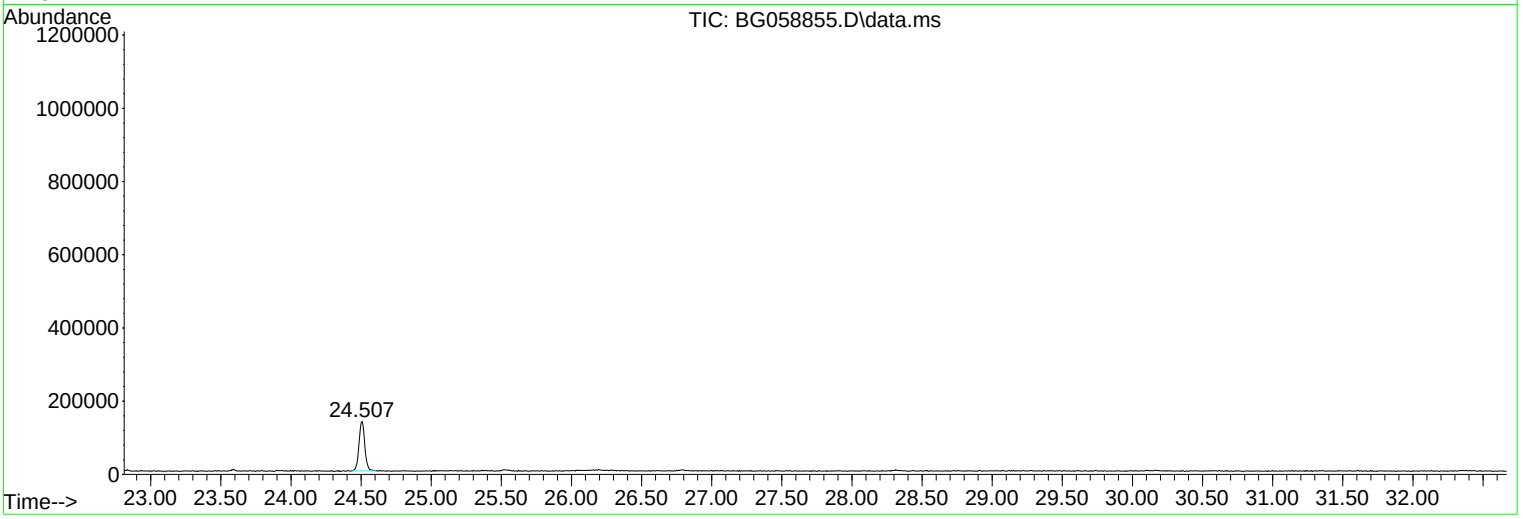
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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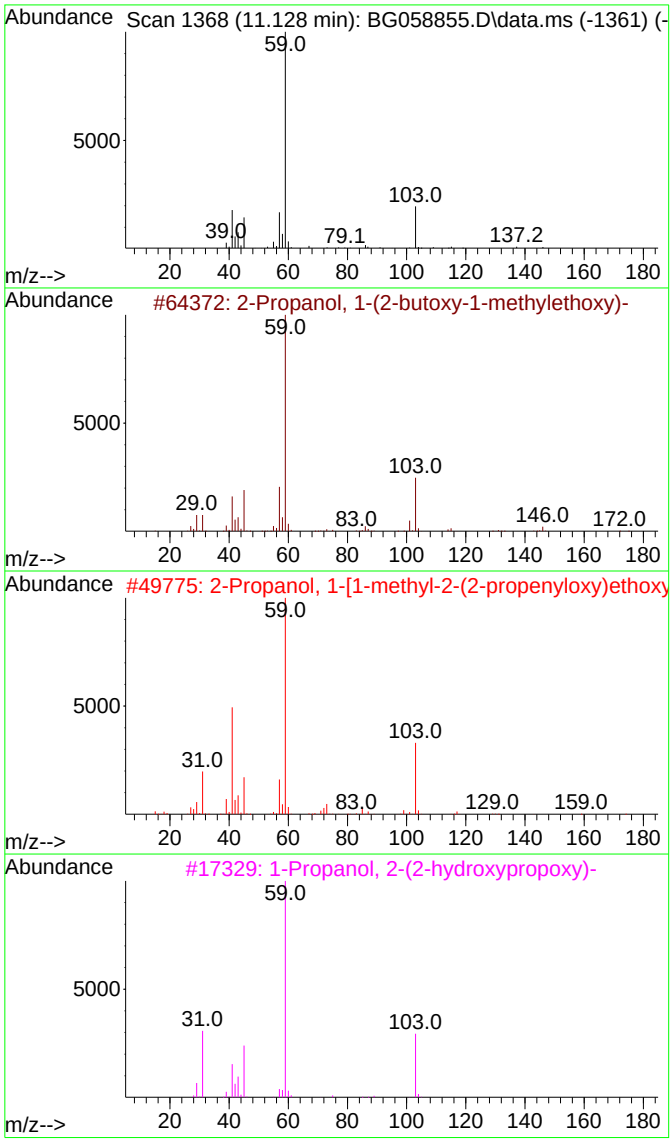
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

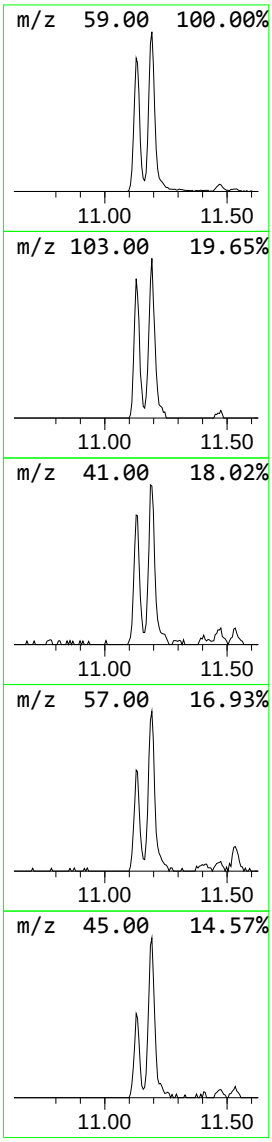
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.128	15.65 ng	123168	Naphthalene-d8	10.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	83
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
4	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-2	64
5	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	64





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Instrument :
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ClientSampleId :
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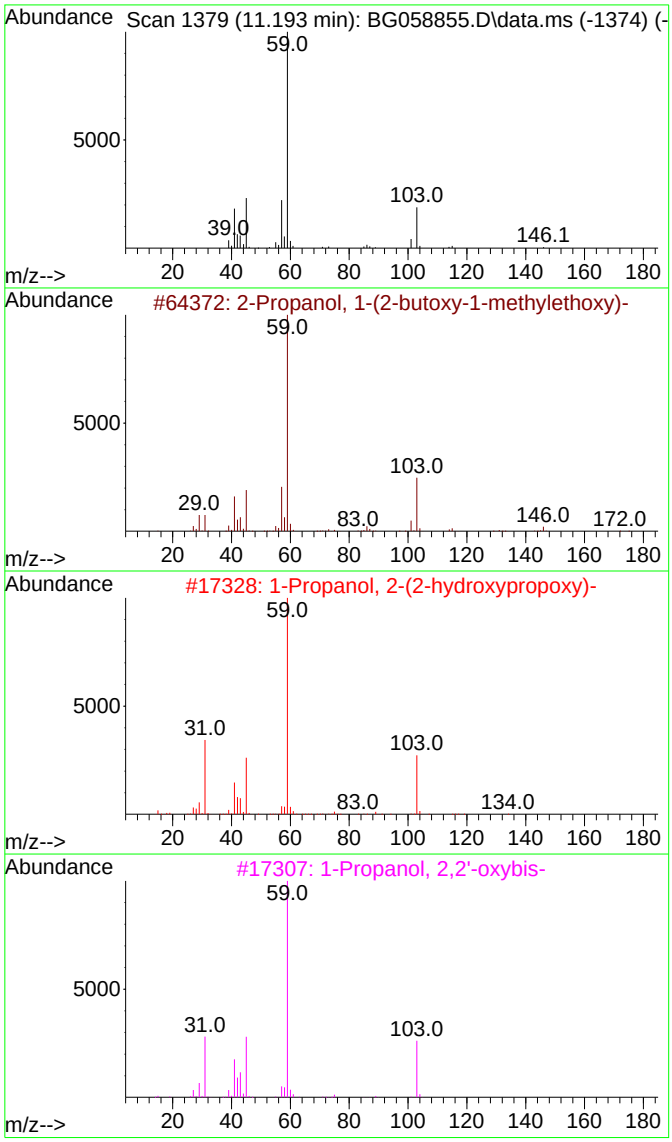
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

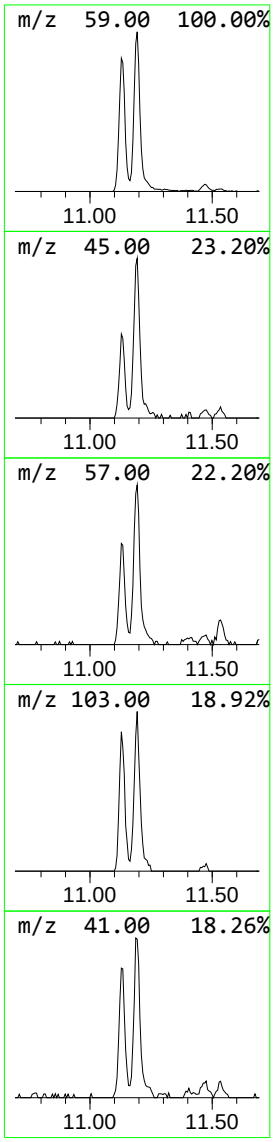
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Propanol, 2-(2-hydroxypro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.193	20.33 ng	160002	Naphthalene-d8	10.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	86
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	78
4	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	72
5	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	72





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Operator : MA/JU
Sample : 04093-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-20230818

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
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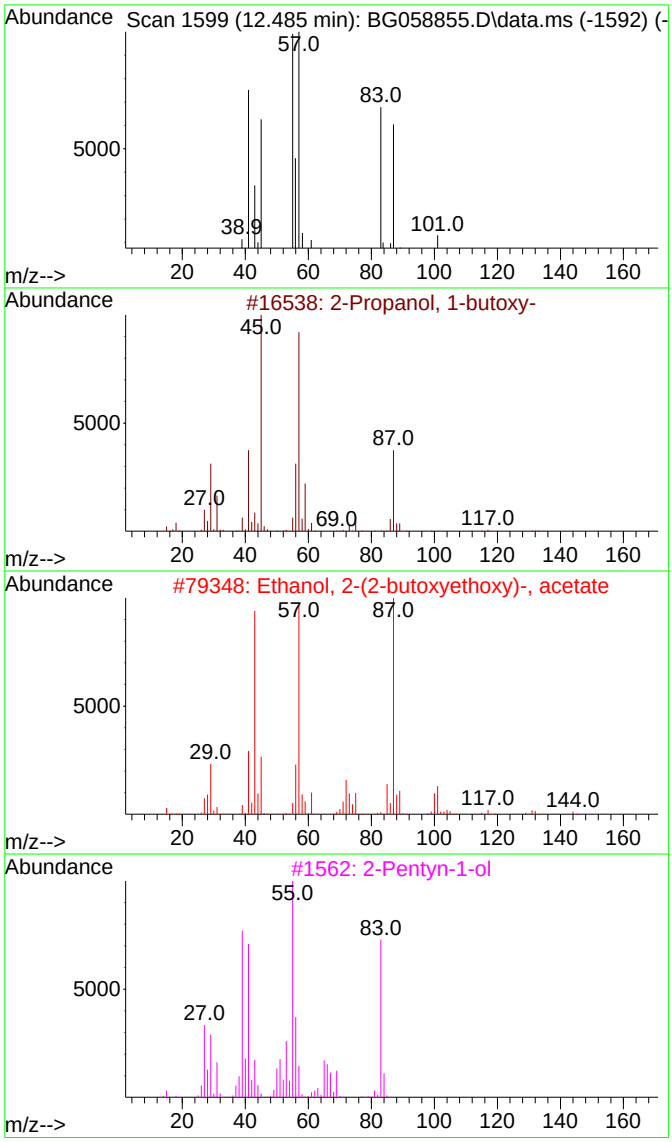
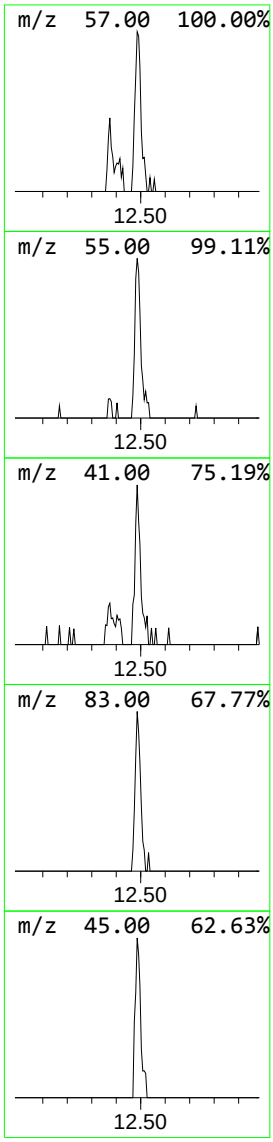
****

Peak Number 3 2-Propanol, 1-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.485	2.76 ng	21732	Naphthalene-d8	10.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	50
2	Ethanol, 2-(2-butoxyethoxy)-, ac...	204	C10H20O4	000124-17-4	47
3	2-Pentyn-1-ol	84	C5H8O	006261-22-9	32
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	17
5	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	17





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Sample : 04093-06
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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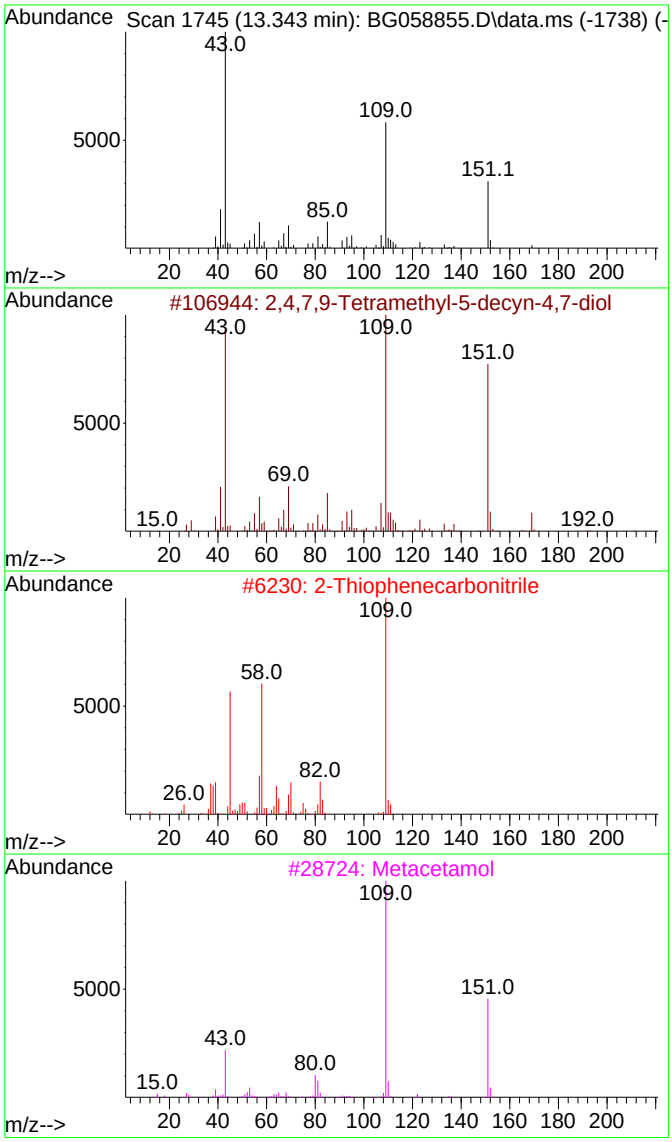
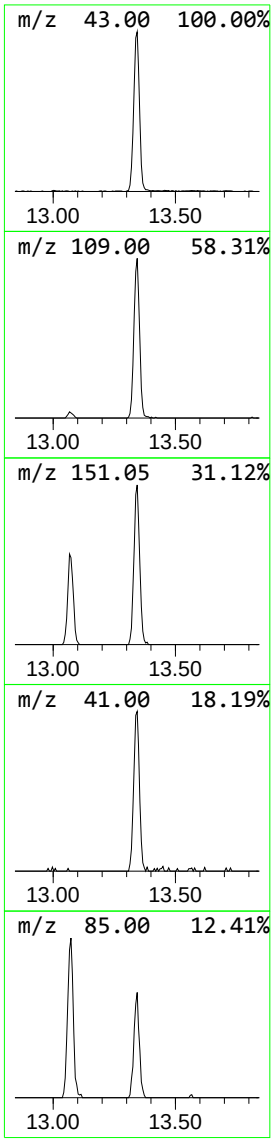
****
Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.343	31.48 ng	337090	Acenaphthene-d10	14.454

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58
2	2-Thiophenecarbonitrile	109	C5H3NS	001003-31-2	47
3	Metacetamol	151	C8H9NO2	000621-42-1	47
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	47
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	42





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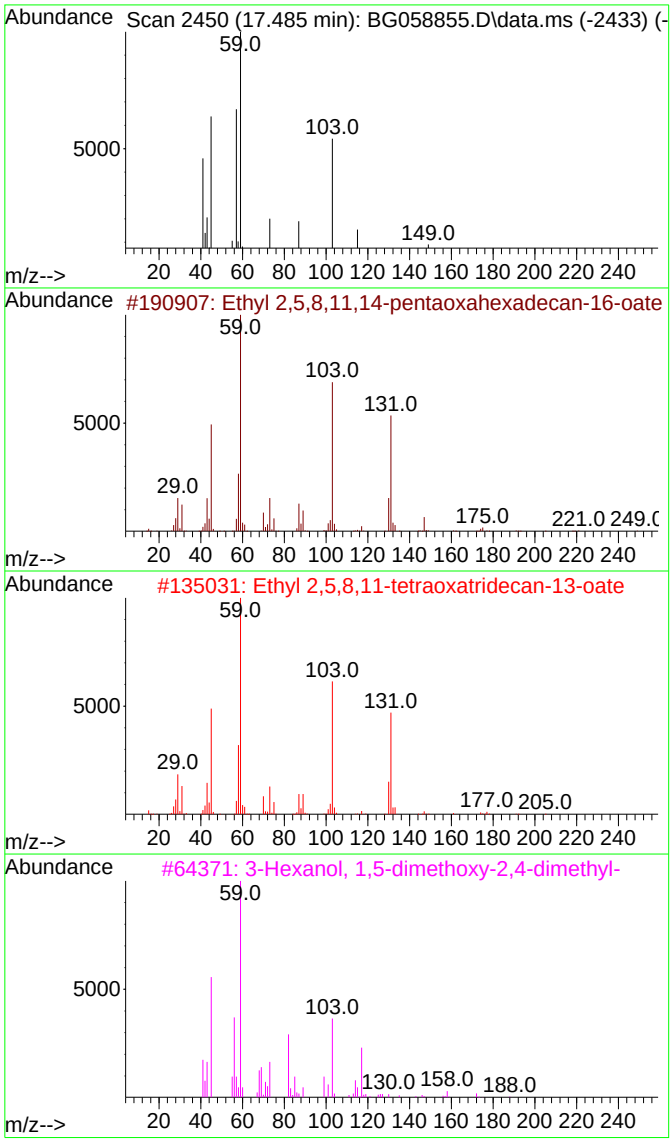
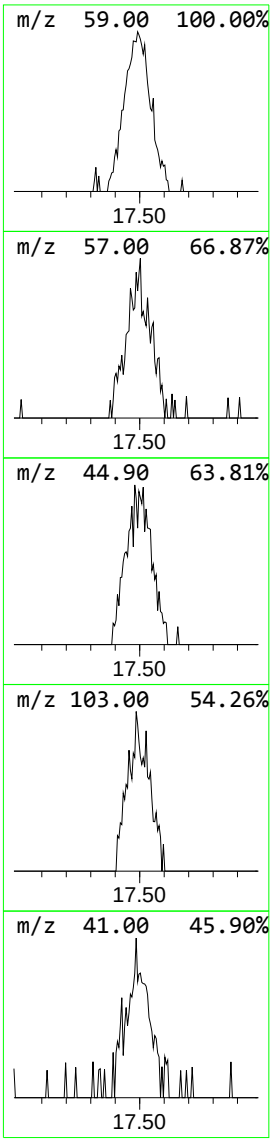
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethyl 2,5,8,11,14-pentaoxah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.485	2.13 ng	31130	Phenanthrene-d10	17.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 2,5,8,11,14-pentaoxahexade...	294	C13H26O7	1000366-80-7	50
2	Ethyl 2,5,8,11-tetraoxatridecan-...	250	C11H22O6	1000366-77-9	38
3	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	38
4	Silane, diethyldimethyl-	116	C6H16Si	000756-81-0	28
5	Carbamic acid, (1-cyanoethyl)-, ...	170	C8H14N2O2	100927-09-1	17





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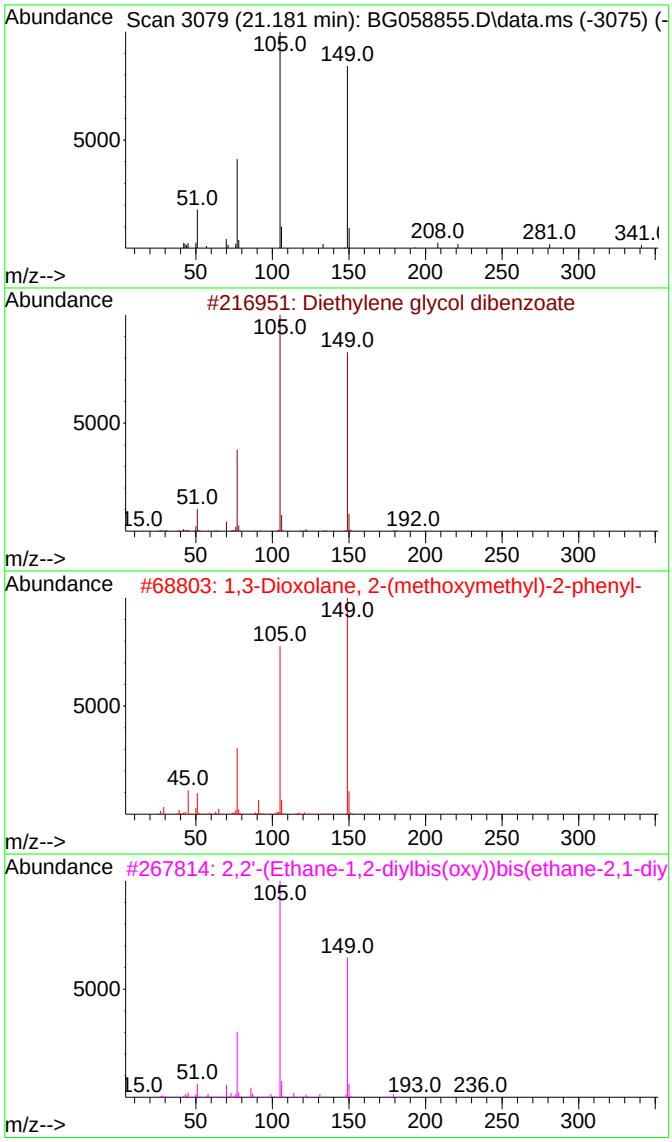
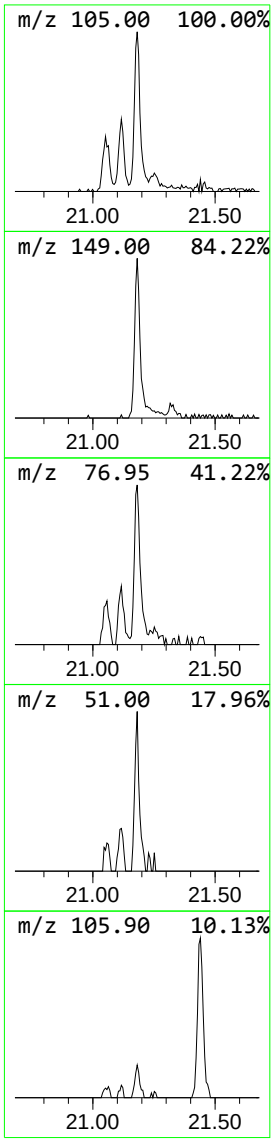
****

Peak Number 6 Diethylene glycol dibenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.181	2.57 ng	46643	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	83
2	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	83
3	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	78
4	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	64
5	Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	64





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanol, 1-(...	11.128	15.7	ng	123168	2	10.605	157420	20.0
1-Propanol, 2-(...	11.193	20.3	ng	160002	2	10.605	157420	20.0
2-Propanol, 1-b...	12.485	2.8	ng	21732	2	10.605	157420	20.0
2,4,7,9-Tetrame...	13.343	31.5	ng	337090	3	14.454	214160	20.0
Ethyl 2,5,8,11,...	17.485	2.1	ng	31130	4	17.197	292196	20.0
Diethylene glyc...	21.181	2.6	ng	46643	5	21.439	362953	20.0