LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138869.D
Acq On : 08 Aug 2024 16:59
Operator : RC/JU
Sample : P3416-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MLS-15-135-150

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_F\Methods\8270-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138869.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	15	rVB	1806502	2879433	100.00%	20.493%
2	3.910	303	309	320	rBB	140148	221379	7.69%	1.576%
3	5.057	499	504	514	rVB	19932	28948	1.01%	0.206%
4	5.475	570	575	594	rVB	313356	579276	20.12%	4.123%
5	5.810	624	632	638	rBV	994106	1856400	64.47%	13.212%
6	6.481	741	746	762	rBV	256206	359821	12.50%	2.561%
7	6.839	802	807	814	rBB	200083	247070	8.58%	1.758%
8	7.404	897	903	908	rBV	782395	1070605	37.18%	7.619%
9	8.116	1019	1024	1036	rBV	252952	325501	11.30%	2.317%
10	8.339	1056	1062	1063	rBV	186787	238946	8.30%	1.701%
11	8.363	1063	1066	1077	rVB	219648	328011	11.39%	2.334%
12	9.192	1201	1207	1212	rBV	1527163	1958175	68.01%	13.936%
13	9.869	1317	1322	1332	rBB	296471	366030	12.71%	2.605%
14	10.663	1452	1457	1472	rBV	826425	1088649	37.81%	7.748%
15	11.357	1570	1575	1582	rBV	301360	369890	12.85%	2.633%
16	12.939	1838	1844	1849	rBV	1373911	1777343	61.73%	12.649%
17	13.992	2019	2023	2032	rVB	146846	194975	6.77%	1.388%
18	15.457	2266	2272	2289	rBV	98158	160411	5.57%	1.142%

Sum of corrected areas: 14050863

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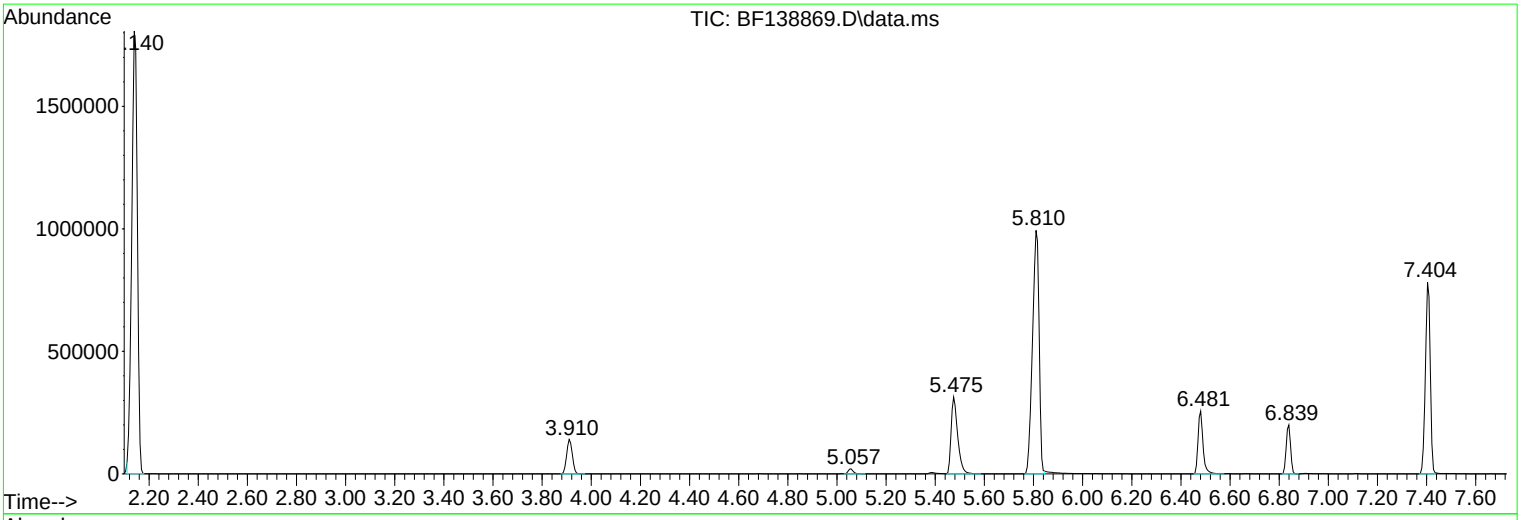
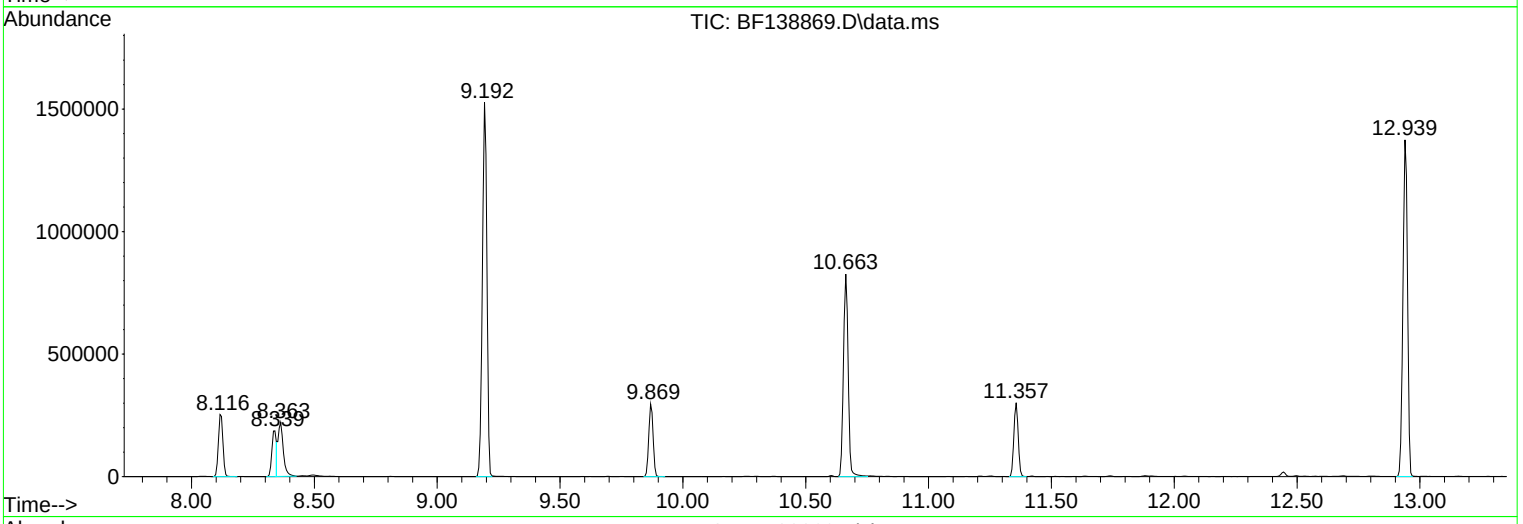
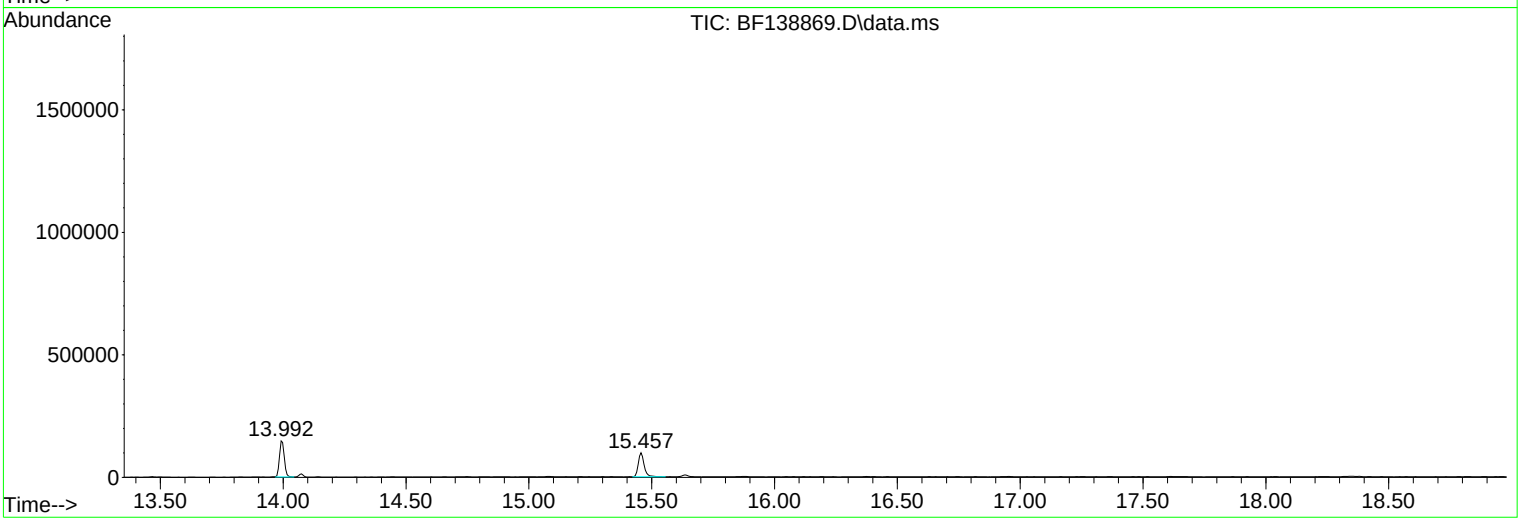
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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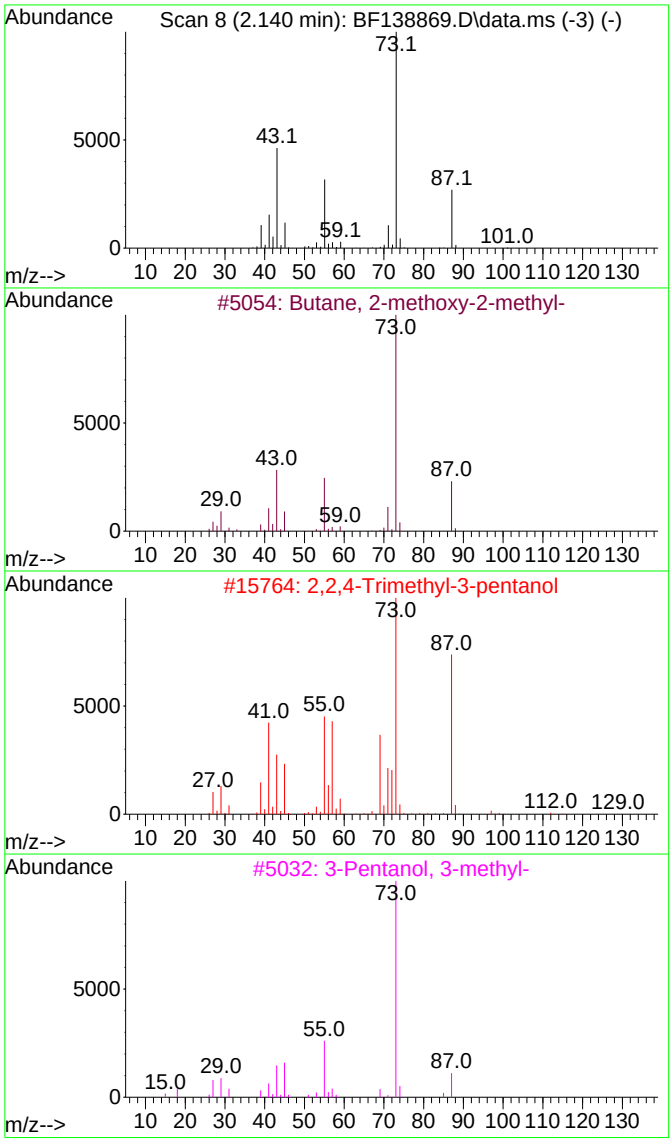
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

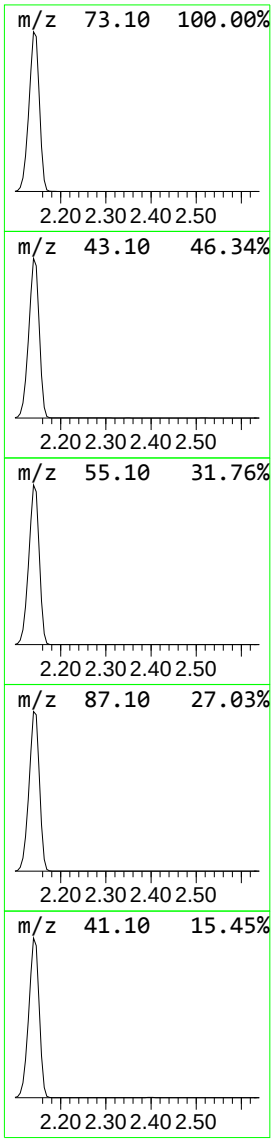
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	233.09 ng	2879430	1,4-Dichlorobenzene-d4	6.839

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	40
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Misc :
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Instrument :
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ClientSampleId :
MLS-15-135-150

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

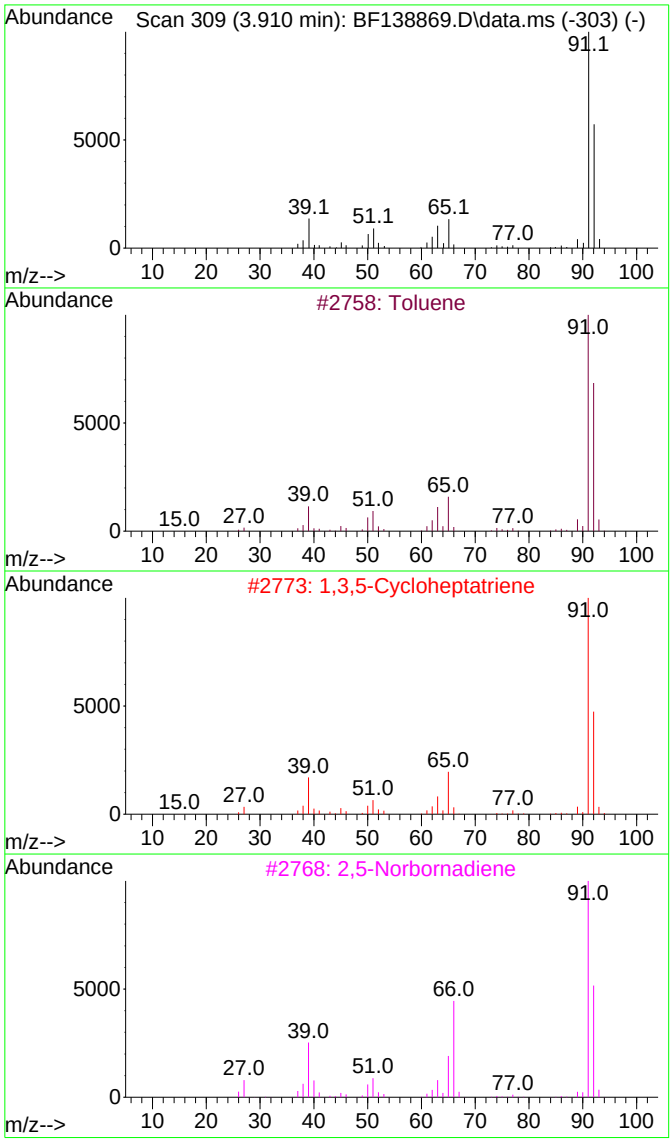
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

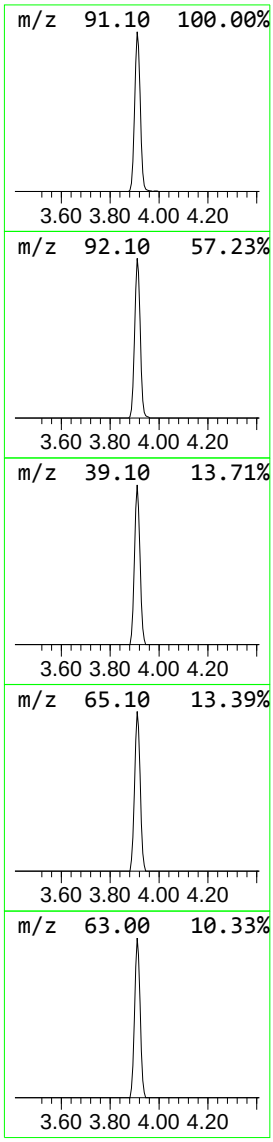
****

Peak Number 2 Toluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.910	17.92 ng	221379	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3	2,5-Norbornadiene	92	C7H8	000121-46-0	83
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	80
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	80





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Operator : RC/JU
Sample : P3416-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
MLS-15-135-150

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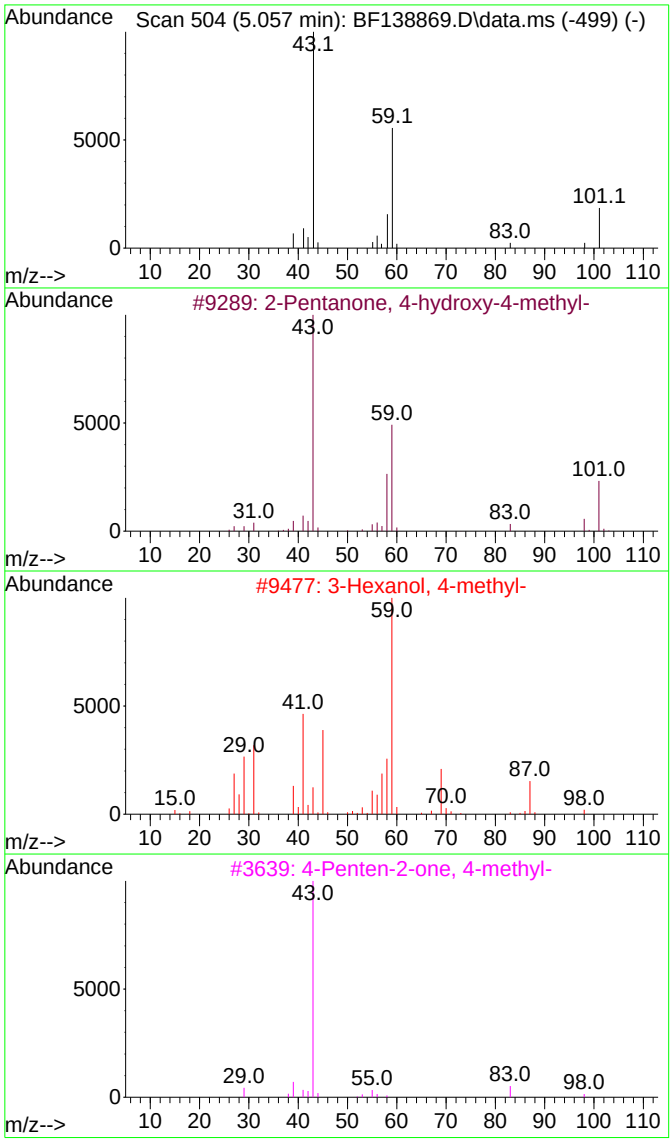
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

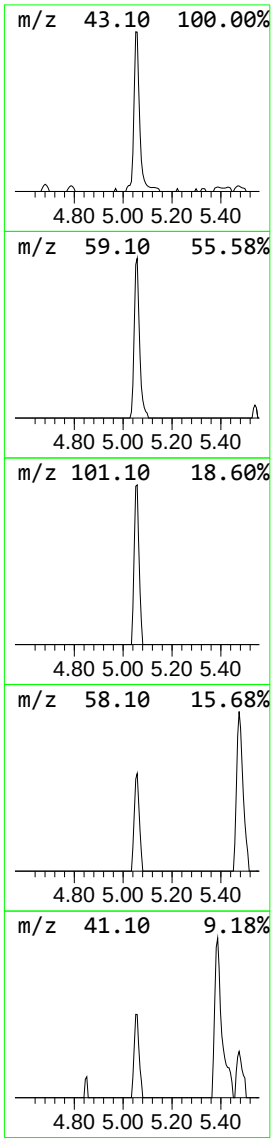
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	2.34 ng	28948	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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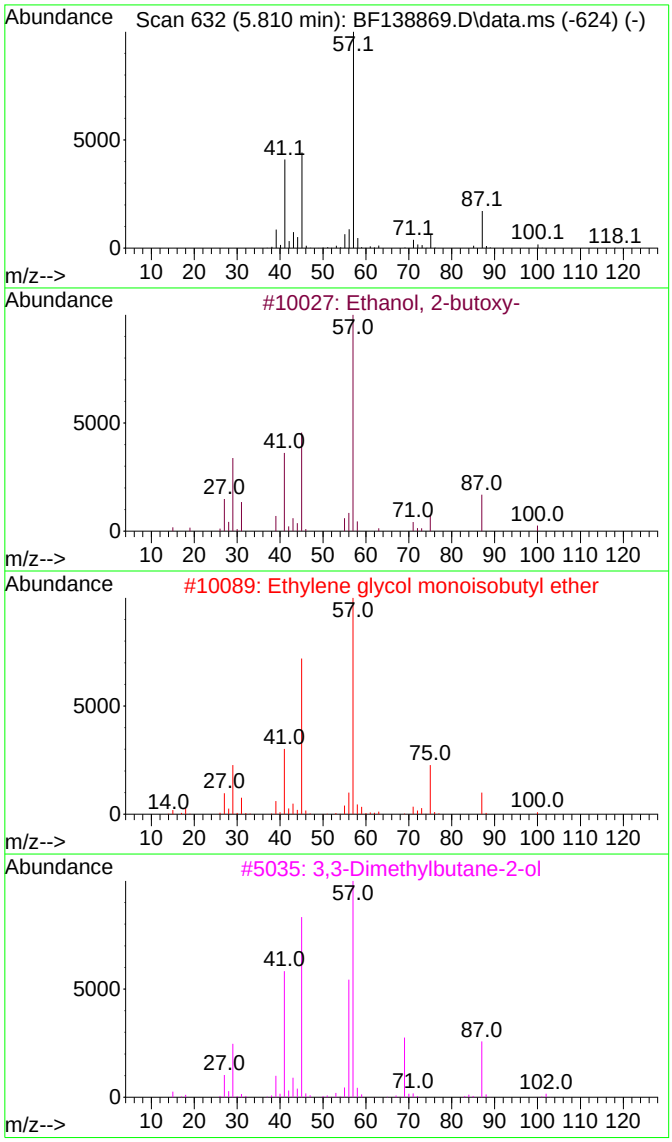
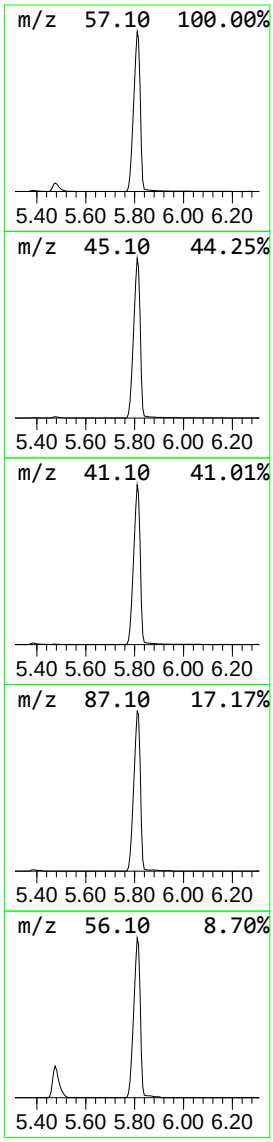
****

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.810	150.27 ng	1856400	1,4-Dichlorobenzene-d4	6.839

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	64
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	40
4	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	16
5	Propanedioic acid, oxo-, bis(2-m...	230	C11H18O5	092778-43-3	14





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BNA_F
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MLS-15-135-150

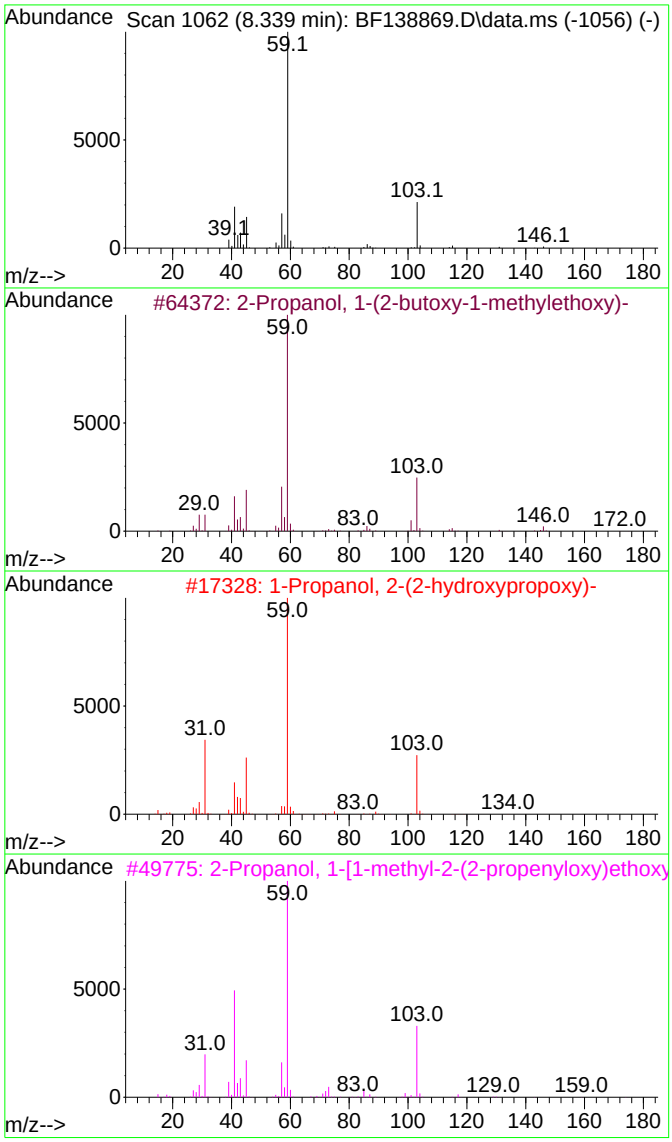
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

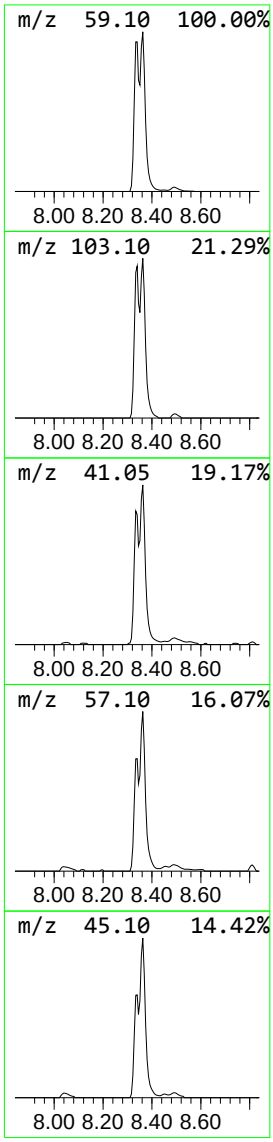
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.339	14.68 ng	238946	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	83
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
4	Tetraglyme	222	C10H22O5	000143-24-8	72
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	72





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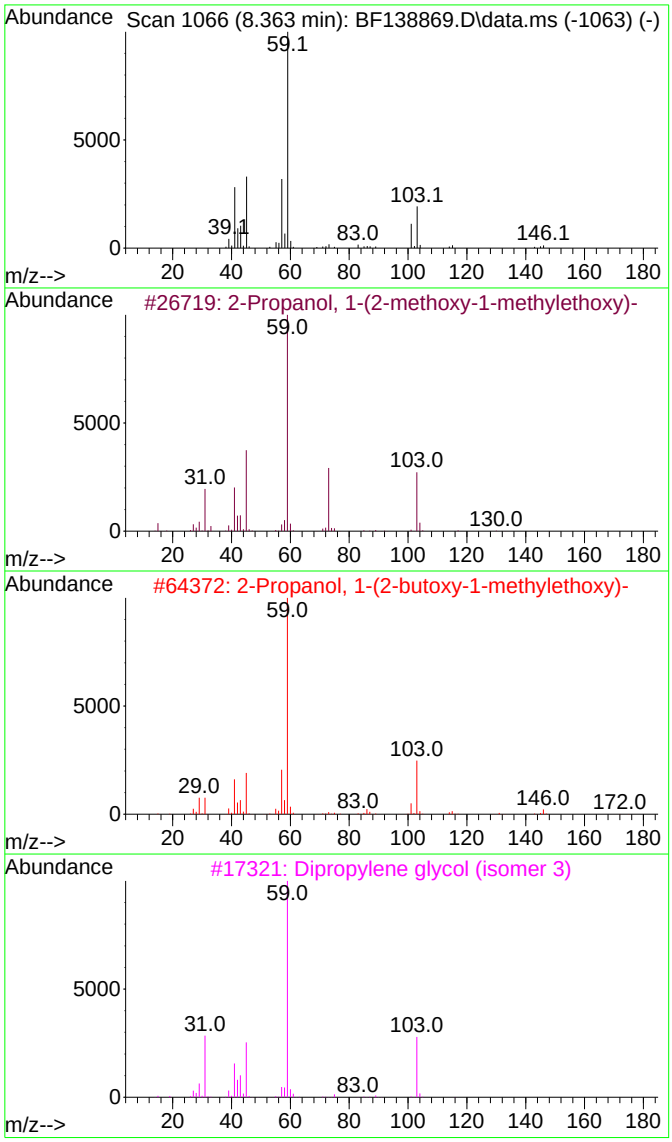
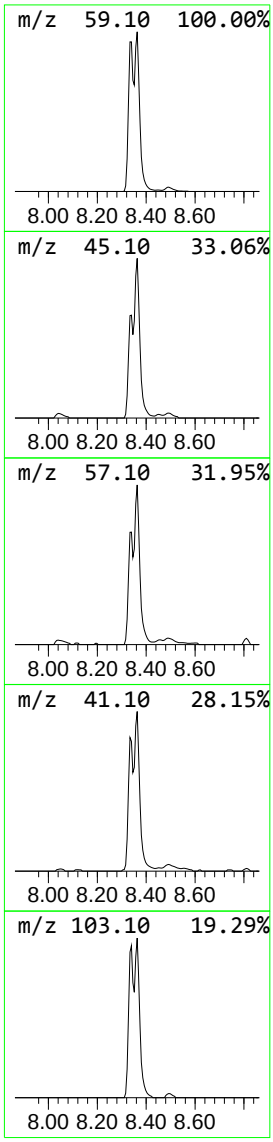
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	20.15 ng	328011	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	64
3	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	64
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
5	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	233.1	ng	2879430	1	6.839	247070	20.0
Toluene	3.910	17.9	ng	221379	1	6.839	247070	20.0
2-Pentanone, 4-...	5.057	2.3	ng	28948	1	6.839	247070	20.0
Ethanol, 2-butoxy-	5.810	150.3	ng	1856400	1	6.839	247070	20.0
2-Propanol, 1-(...	8.339	14.7	ng	238946	2	8.116	325501	20.0
2-Propanol, 1-(...	8.363	20.1	ng	328011	2	8.116	325501	20.0