LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130935.D
Acq On : 02 Nov 2022 17:41
Operator : CG\JU
Sample : N5395-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-103122

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.246	19	27	35	rVB	494146	629157	27.22%	4.076%
2	2.357	41	46	51	rBV	38008	51052	2.21%	0.331%
3	4.040	328	332	336	rBV	26858	30904	1.34%	0.200%
4	5.151	517	521	530	rVB	374586	468086	20.25%	3.032%
5	5.546	582	588	591	rBV	2040102	2010704	87.00%	13.026%
6	6.545	752	758	761	rBV	1935826	2076436	89.84%	13.452%
7	6.922	818	822	825	rBV	602344	461458	19.97%	2.989%
8	7.487	912	918	921	rBV	1397540	1347904	58.32%	8.732%
9	8.110	1020	1024	1036	rBV	72977	182449	7.89%	1.182%
10	8.204	1036	1040	1044	rVV	642058	599310	25.93%	3.882%
11	9.286	1218	1224	1227	rBV	2658490	2311169	100.00%	14.972%
12	9.969	1335	1340	1343	rBV	820516	674873	29.20%	4.372%
13	10.757	1470	1474	1478	rBV	1517519	1325193	57.34%	8.585%
14	11.463	1590	1594	1597	rBV	692667	644812	27.90%	4.177%
15	11.522	1602	1604	1608	rVB3	31587	28677	1.24%	0.186%
16	13.051	1860	1864	1867	rBV	2027107	1670426	72.28%	10.821%
17	14.045	2023	2033	2040	rBV7	34115	120907	5.23%	0.783%
18	14.104	2040	2043	2047	rVB	381028	373296	16.15%	2.418%
19	14.892	2172	2177	2182	rBV5	18198	27016	1.17%	0.175%
20	15.621	2295	2301	2310	rBV	290646	402522	17.42%	2.608%

Sum of corrected areas: 15436351

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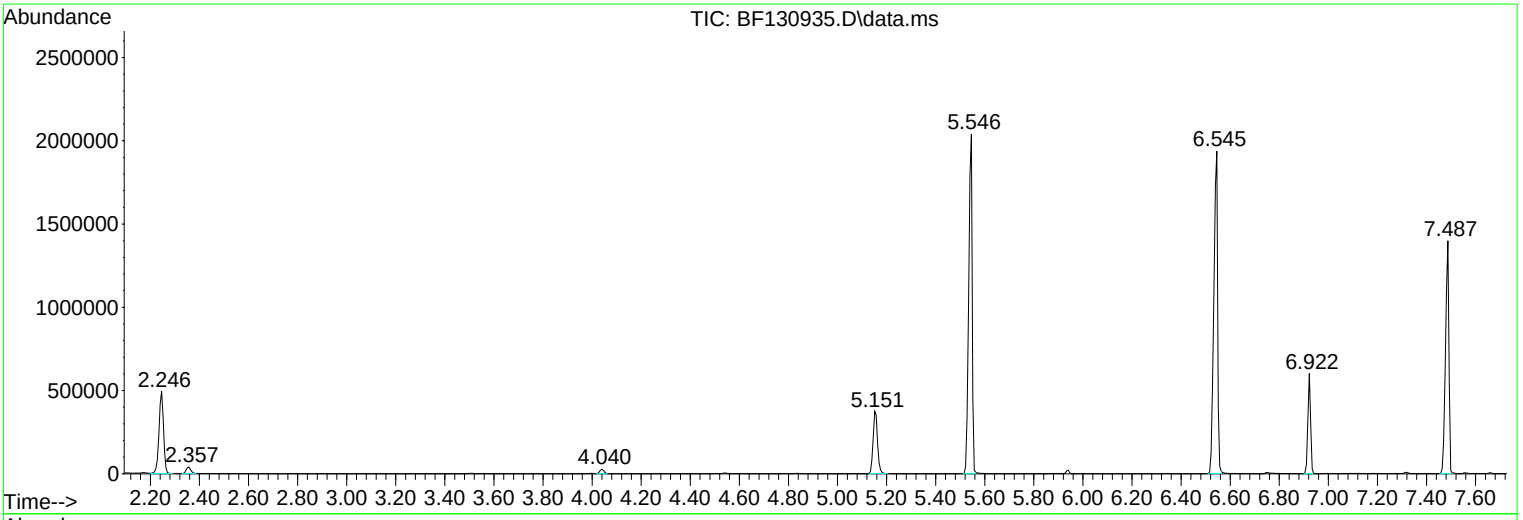
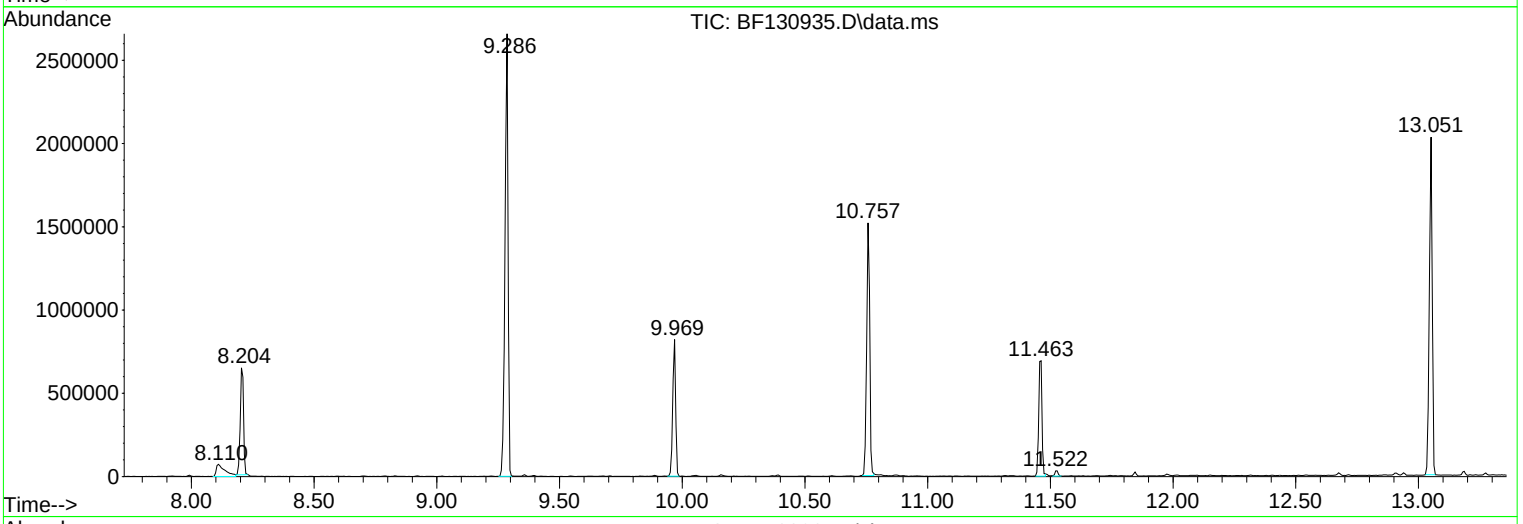
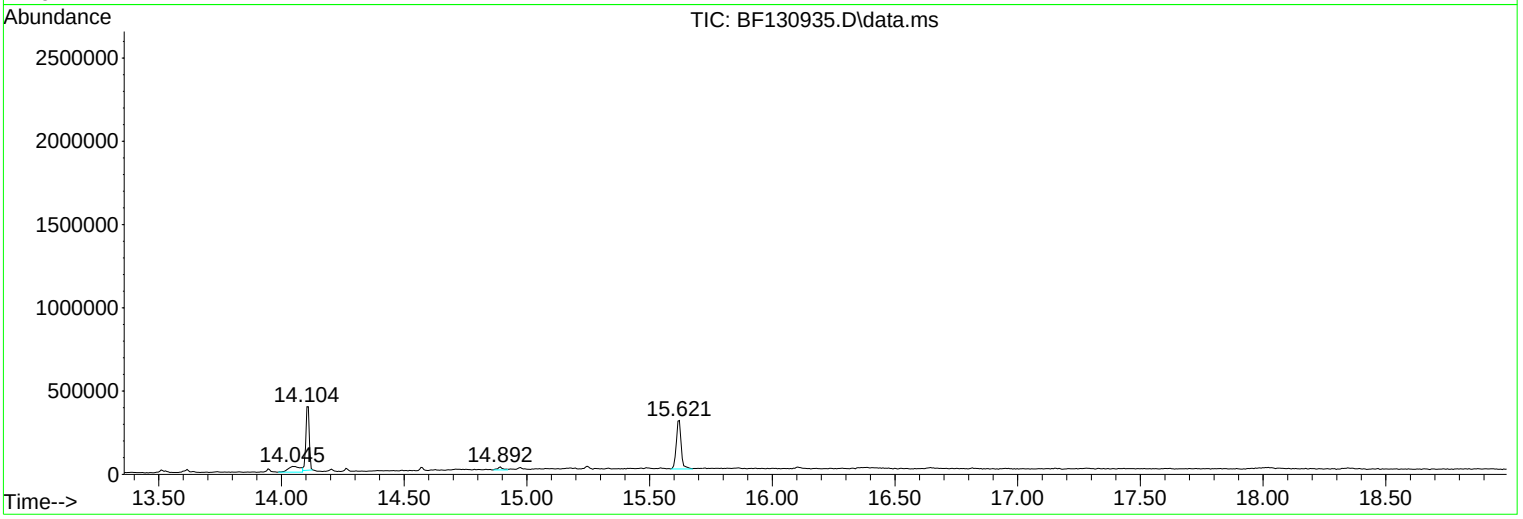
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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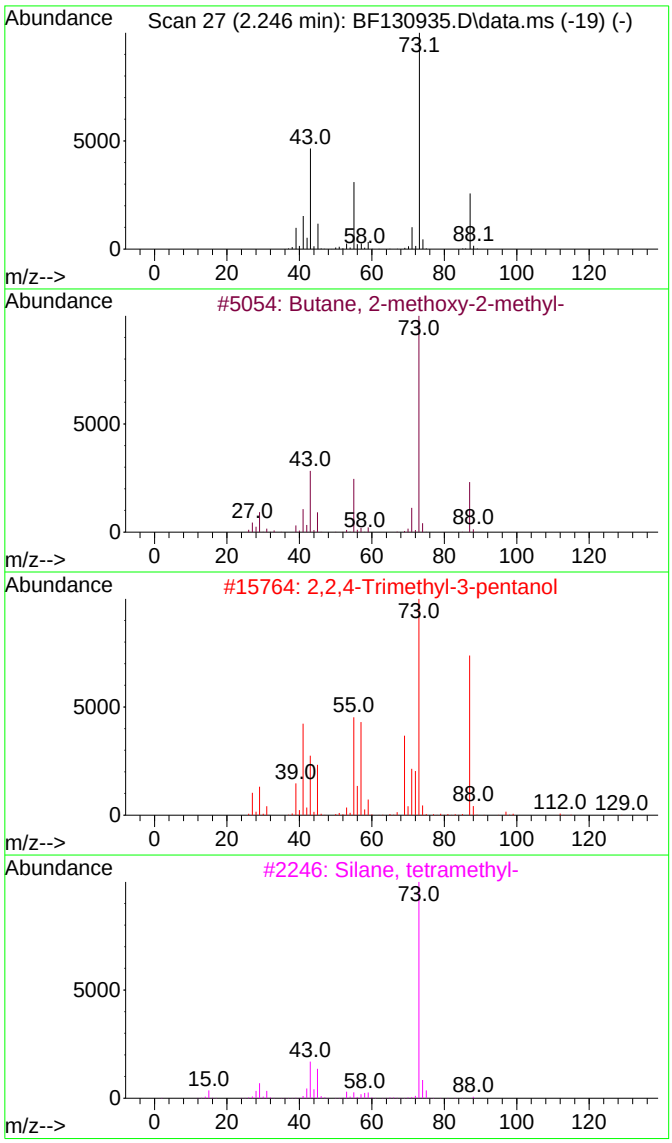
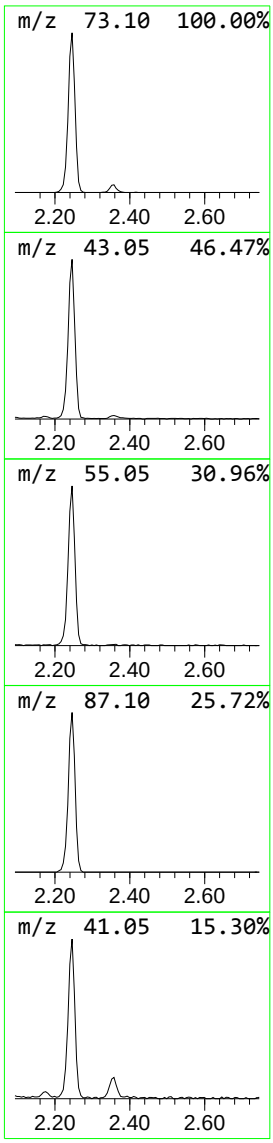
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	27.27 ng	629157	1,4-Dichlorobenzene-d4	6.922

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

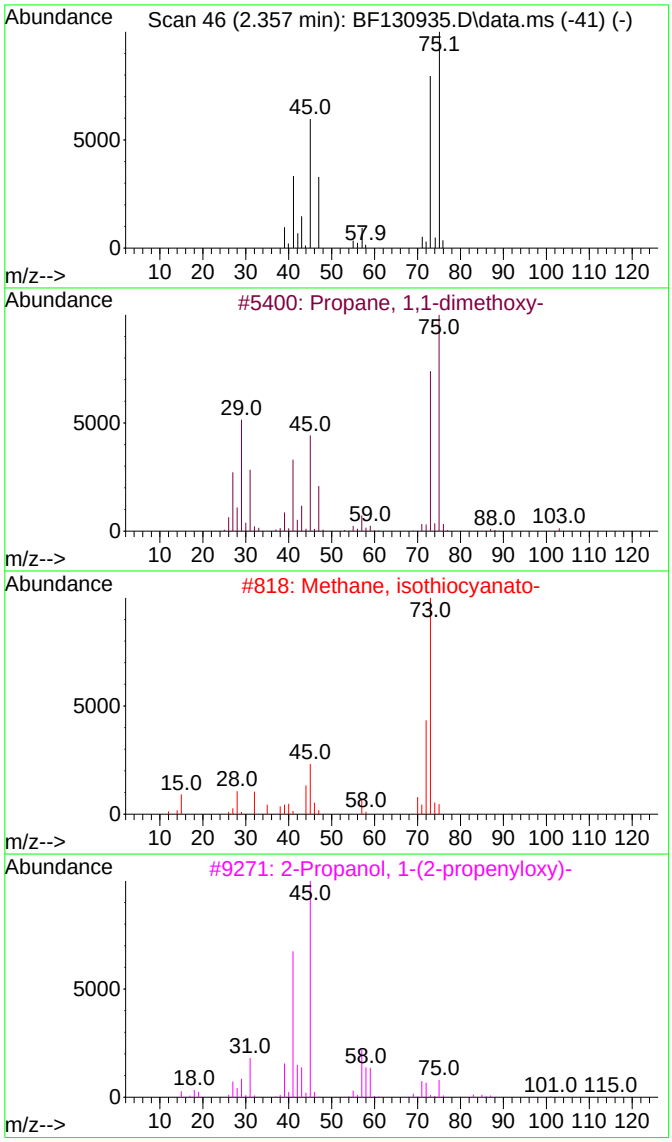
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

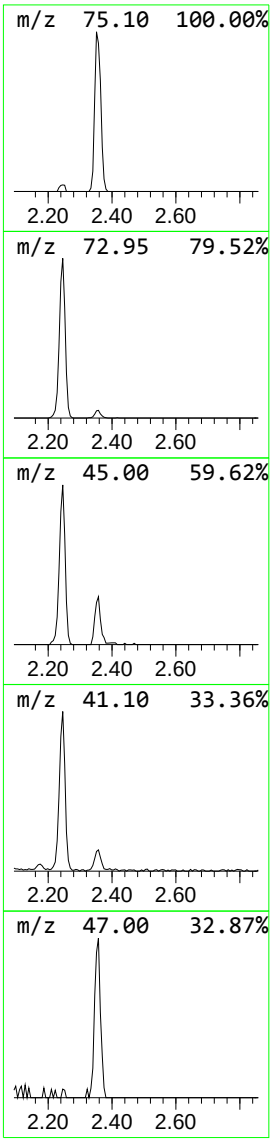
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.357	2.21 ng	51052	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
3	2-Propanol, 1-(2-propenyloxy)-	116	C6H12O2	021460-36-6	9
4	1-Butanol, 4-methoxy-	104	C5H12O2	000111-32-0	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





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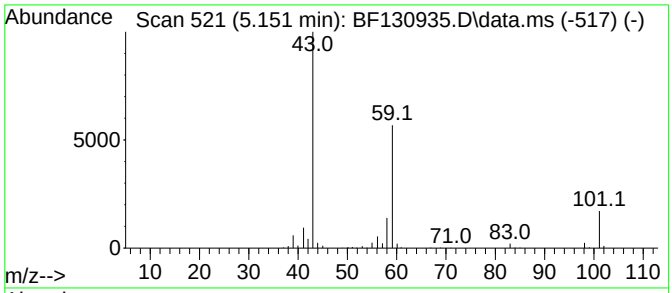
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

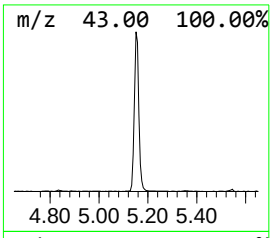
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

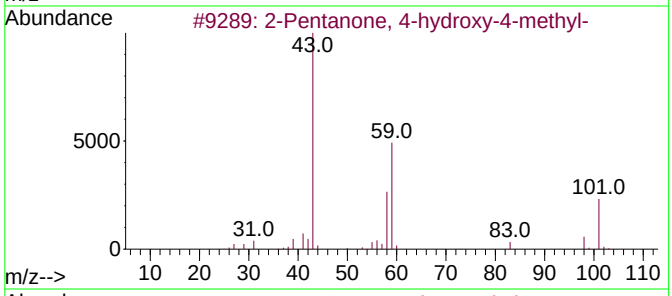
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

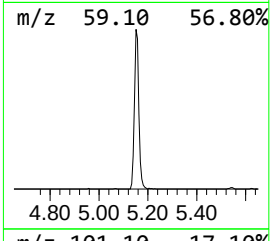
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.151	20.29 ng	468086	1,4-Dichlorobenzene-d4	6.922

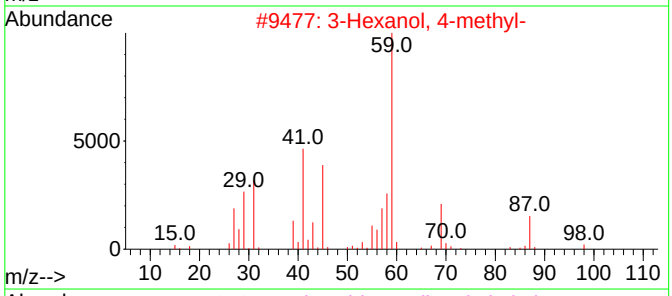
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12

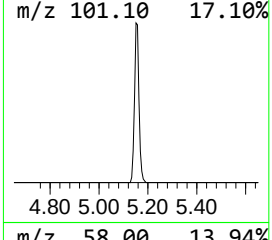


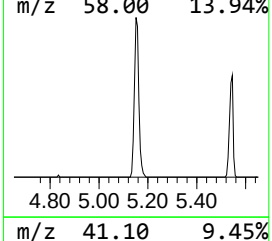


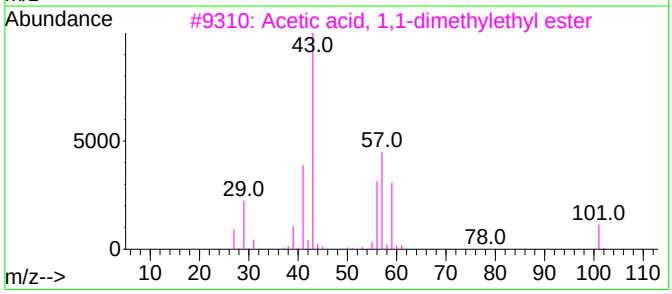


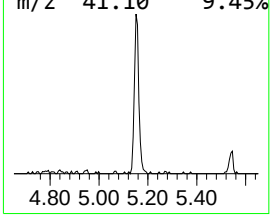












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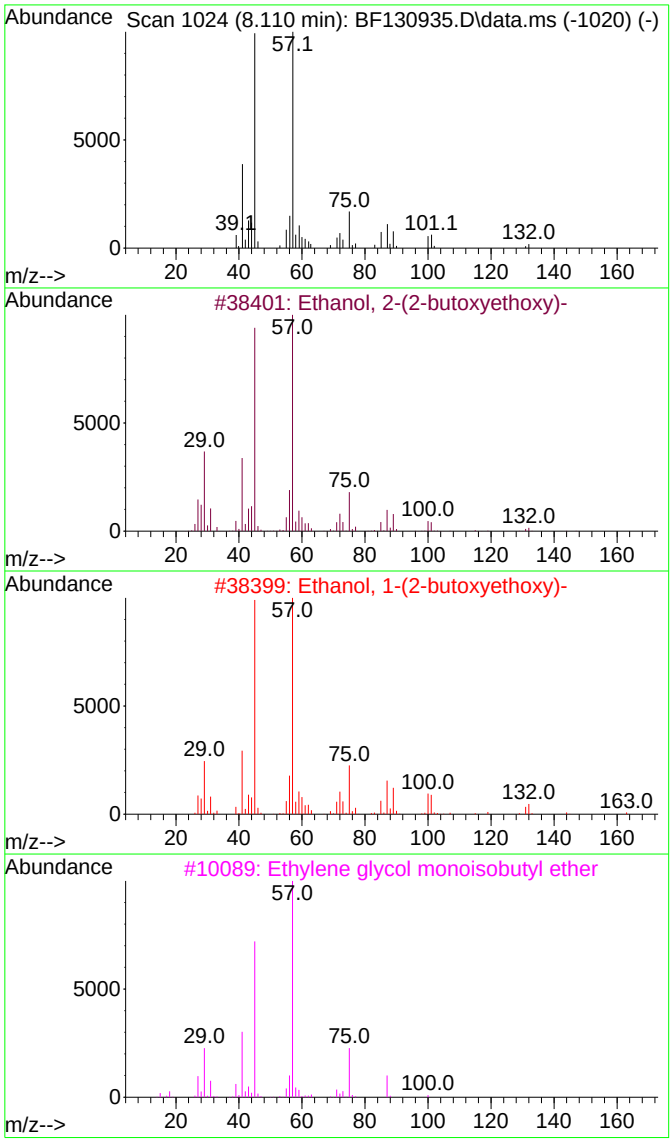
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

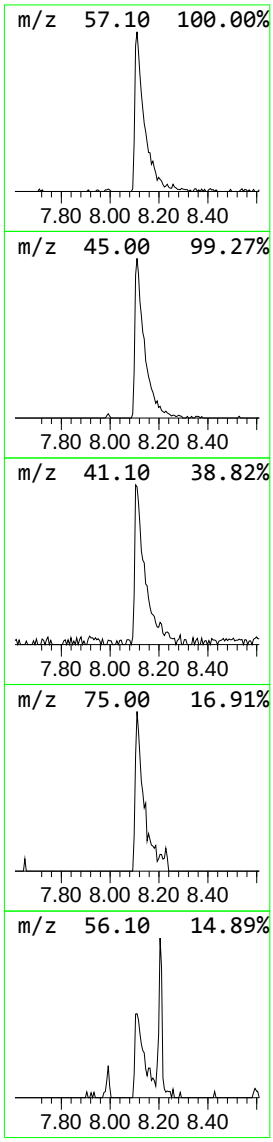
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	6.09 ng	182449	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	53





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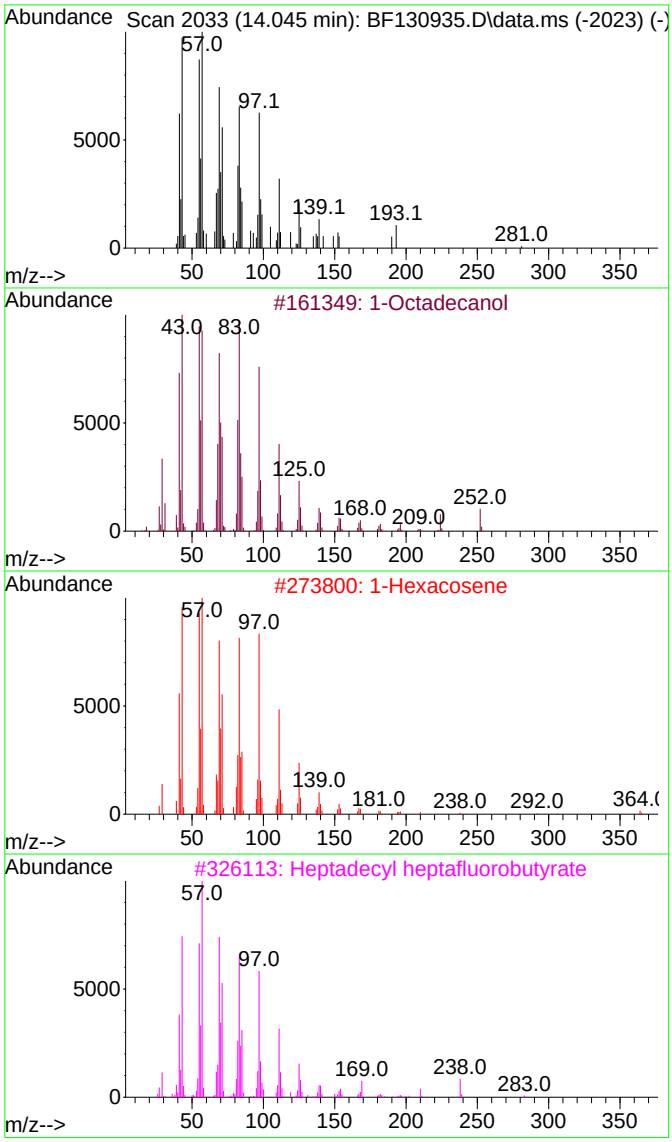
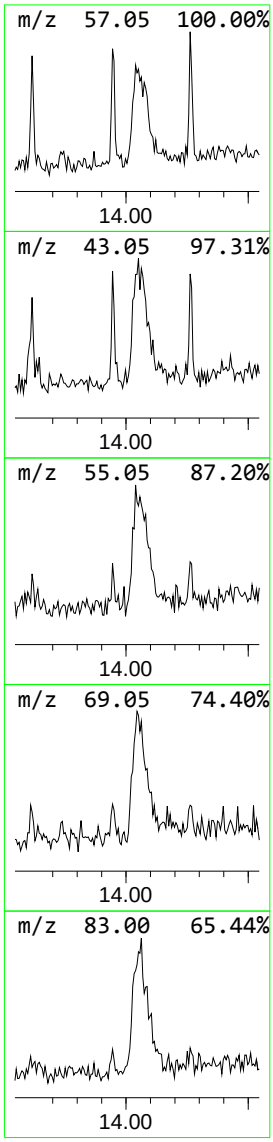
****

Peak Number 5 1-Octadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.045	6.48 ng	120907	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	94
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90





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...	2.246	27.3	ng	629157	1	6.922	461458	20.0
Propane, 1,1-di...	2.357	2.2	ng	51052	1	6.922	461458	20.0
2-Pentanone, 4-...	5.151	20.3	ng	468086	1	6.922	461458	20.0
Ethanol, 2-(2-b...	8.110	6.1	ng	182449	2	8.204	599310	20.0
1-Octadecanol	14.045	6.5	ng	120907	5	14.110	373296	20.0