LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
Data File : BF130830.D
Acq On : 28 Oct 2022 18:52
Operator : CG\JU
Sample : PB148618BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB148618BL

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: BF130830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.340	32	43	49	rVB	138572	195730	5.32%	0.856%
2	2.452	56	62	66	rVB	56374	71265	1.94%	0.312%
3	5.193	520	528	536	rBV	338441	436524	11.87%	1.909%
4	5.569	586	592	595	rBV	2787490	2890784	78.62%	12.639%
5	6.563	755	761	764	rBV	2770121	2952964	80.31%	12.911%
6	6.945	822	826	829	rBV	811913	638060	17.35%	2.790%
7	7.510	916	922	925	rBV	1776056	1815827	49.38%	7.939%
8	8.228	1039	1044	1048	rBV	876069	834032	22.68%	3.647%
9	9.310	1222	1228	1231	rBV	3552368	3394251	92.31%	14.840%
10	9.992	1338	1344	1347	rBV	1044068	948522	25.80%	4.147%
11	10.780	1472	1478	1481	rBV	2417601	2158123	58.69%	9.436%
12	11.480	1593	1597	1601	rVB	1182864	1003571	27.29%	4.388%
13	13.074	1863	1868	1871	rBV	3847726	3677097	100.00%	16.077%
14	14.127	2043	2047	2051	rBV	1066006	890774	24.22%	3.895%
15	14.221	2057	2063	2072	rBV	121433	139608	3.80%	0.610%
16	15.645	2299	2305	2309	rBV	553472	679571	18.48%	2.971%
17	17.668	2636	2649	2662	rVB2	32054	145299	3.95%	0.635%

Sum of corrected areas: 22872002

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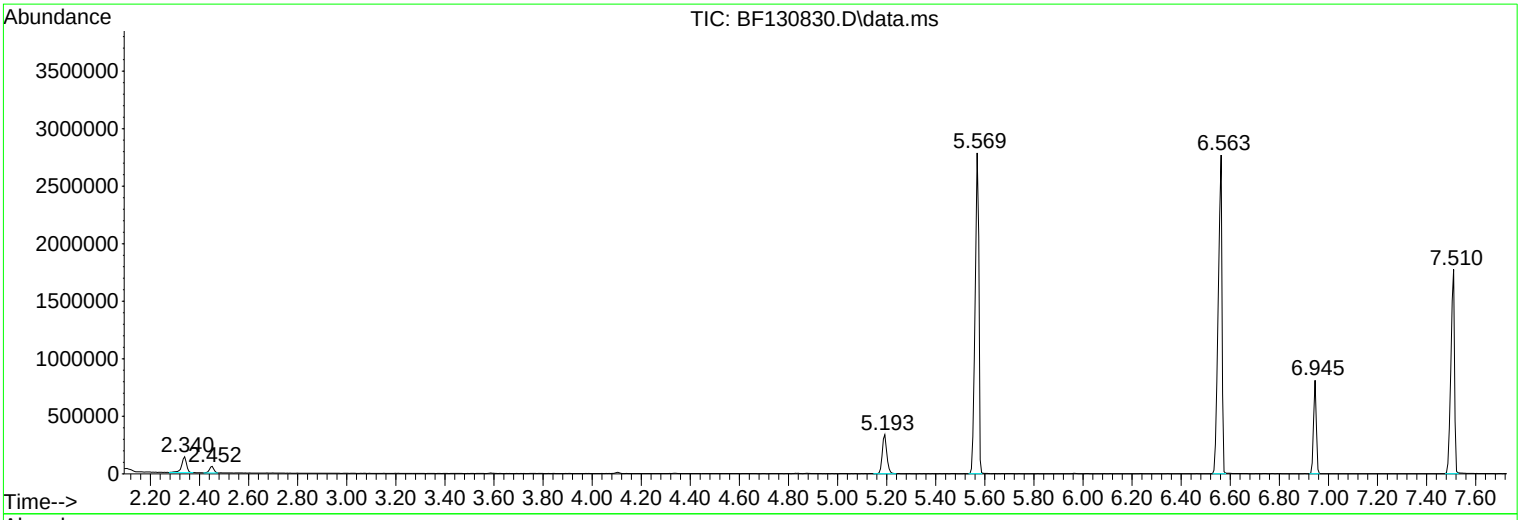
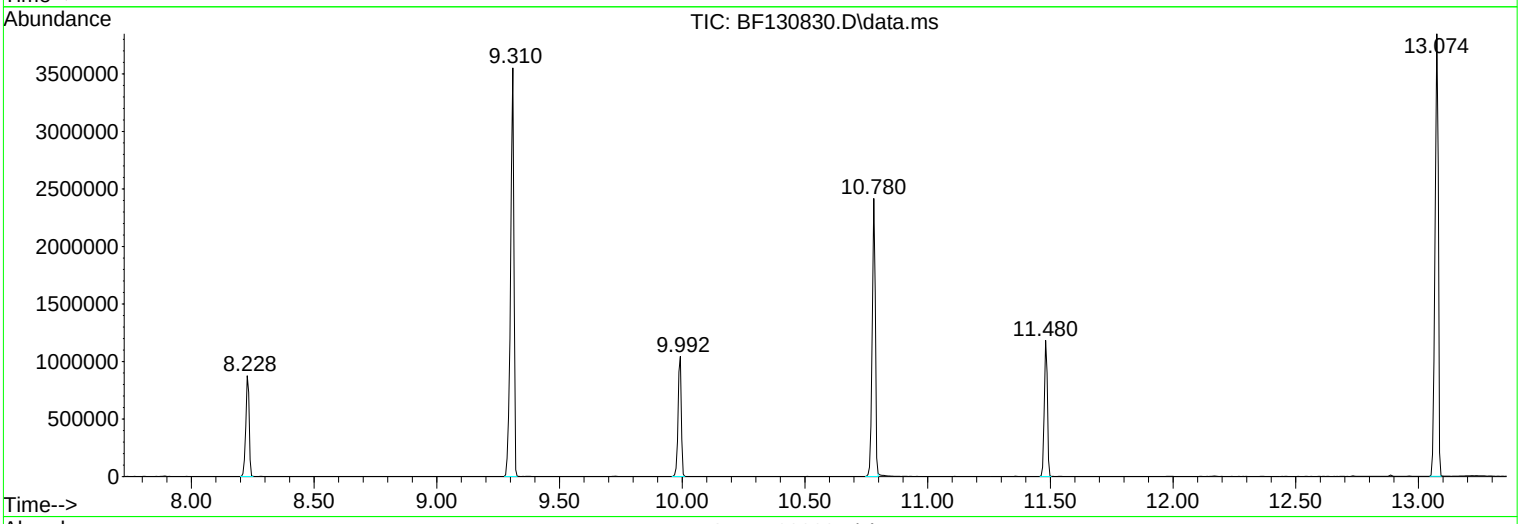
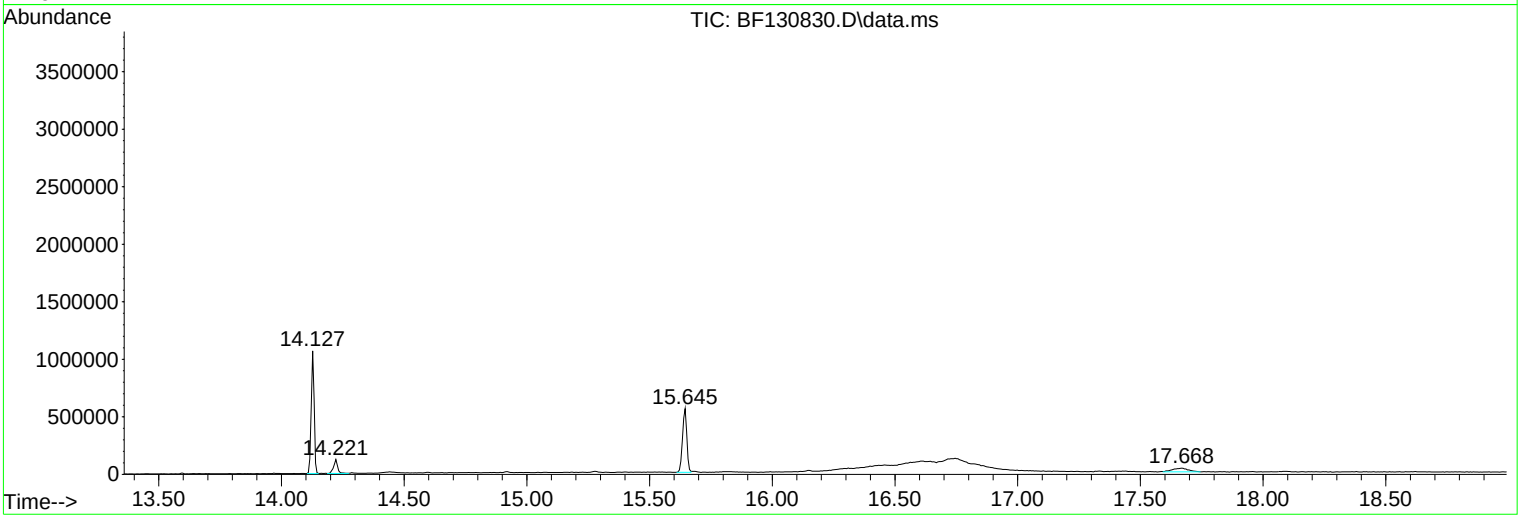
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

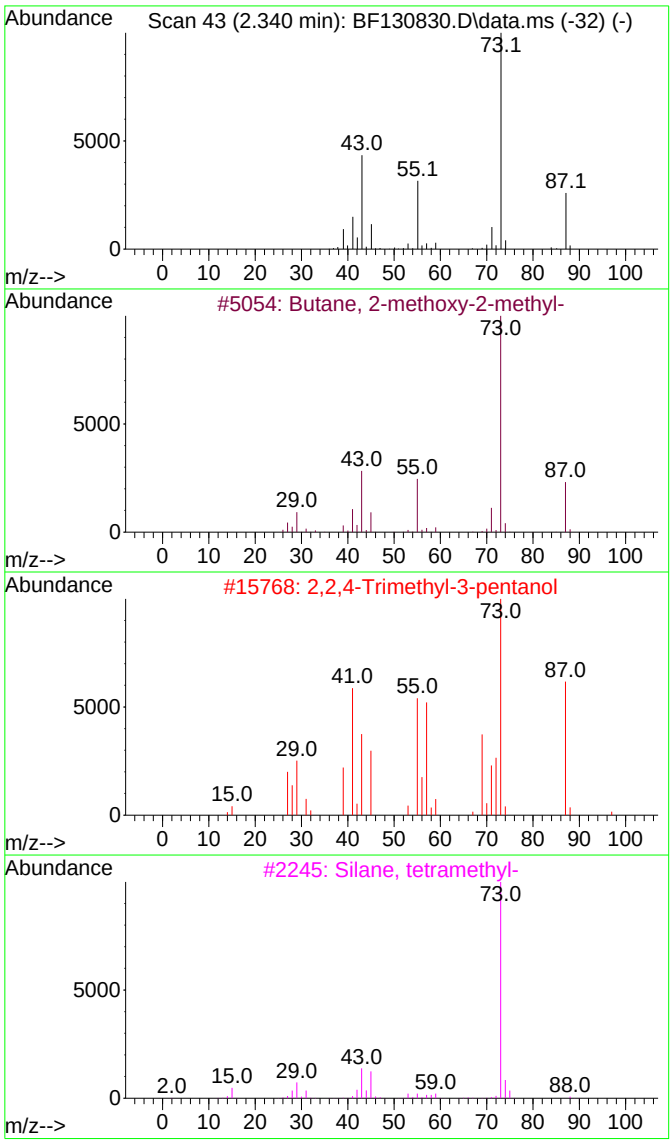
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

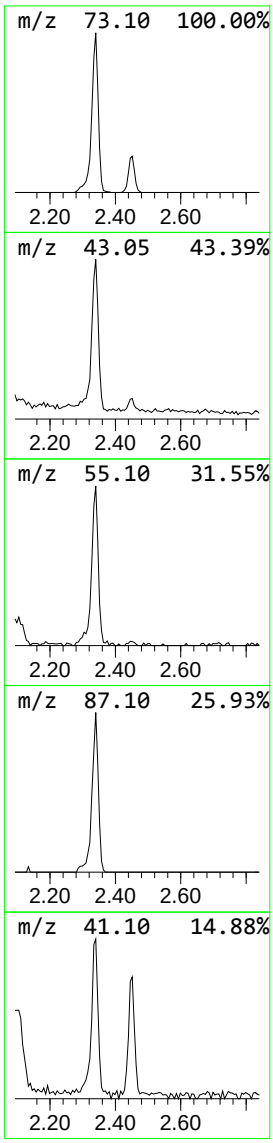
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.340	6.14 ng	195730	1,4-Dichlorobenzene-d4	6.945

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	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

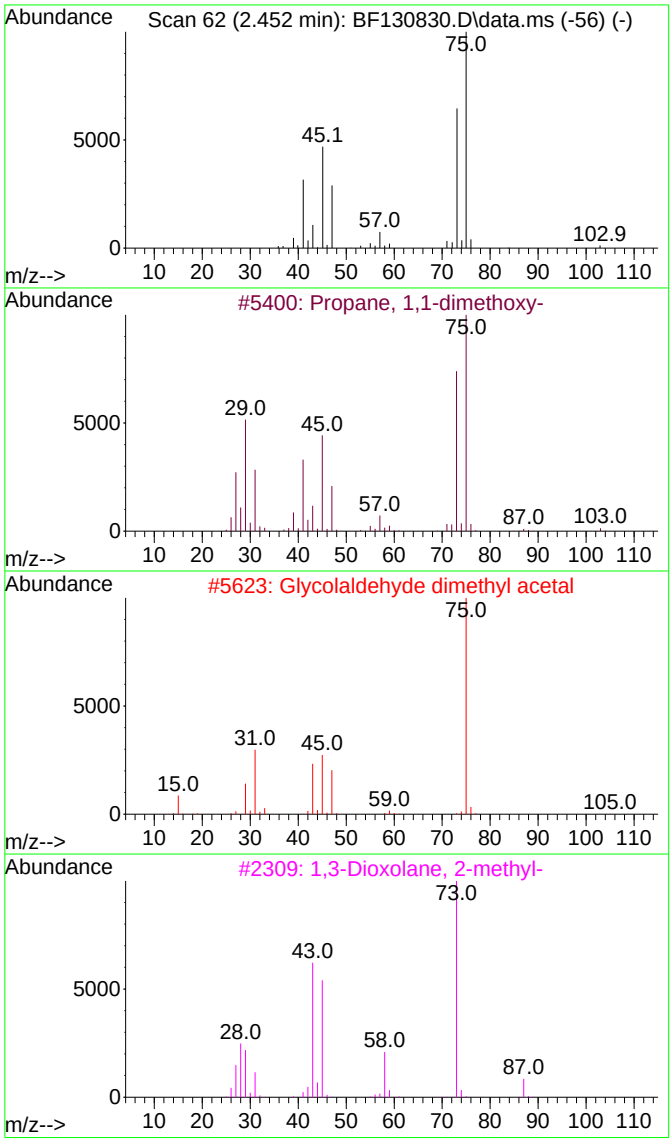
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

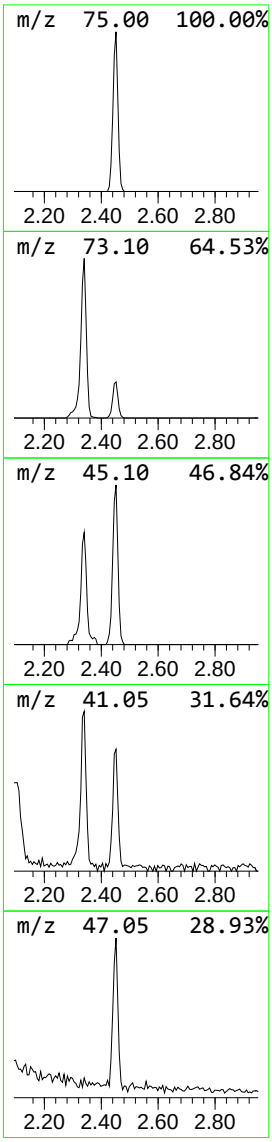
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.452	2.23 ng	71265	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	12
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	10
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	Acetic acid, (aminooxy)-	91	C2H5NO3	000645-88-5	9





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Instrument :
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ClientSampleId :
PB148618BL

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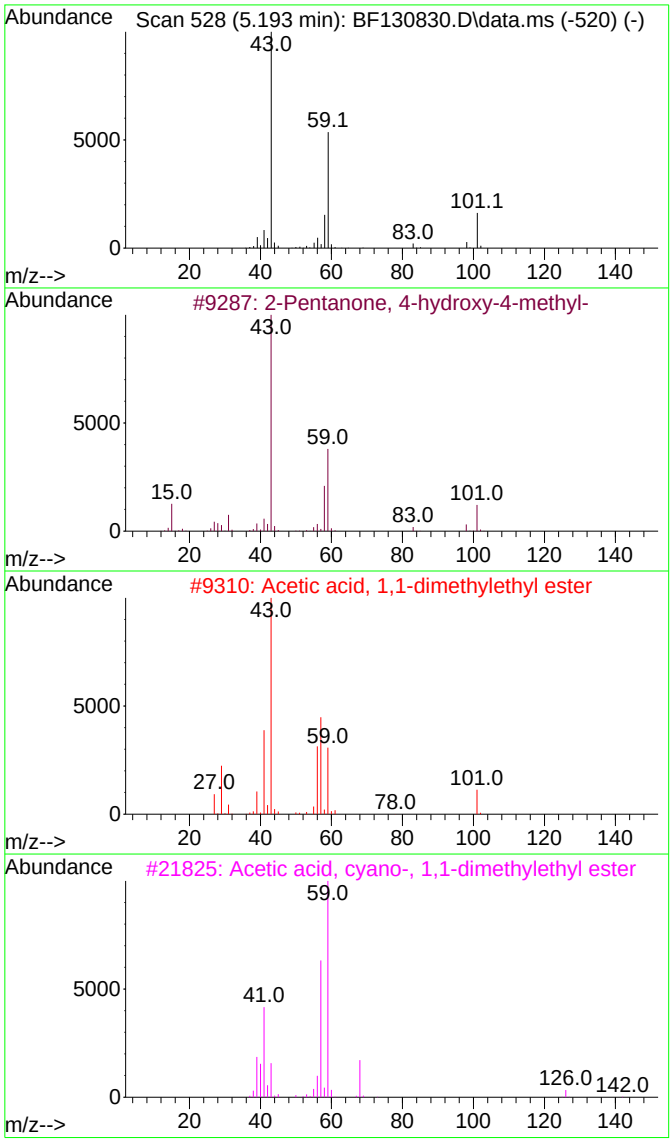
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

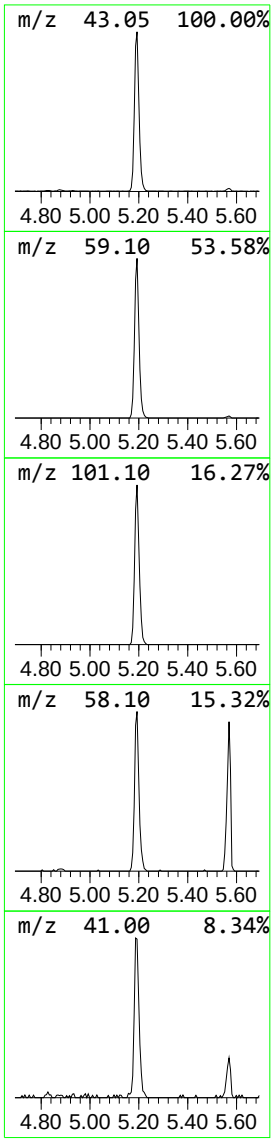
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.193	13.68 ng	436524	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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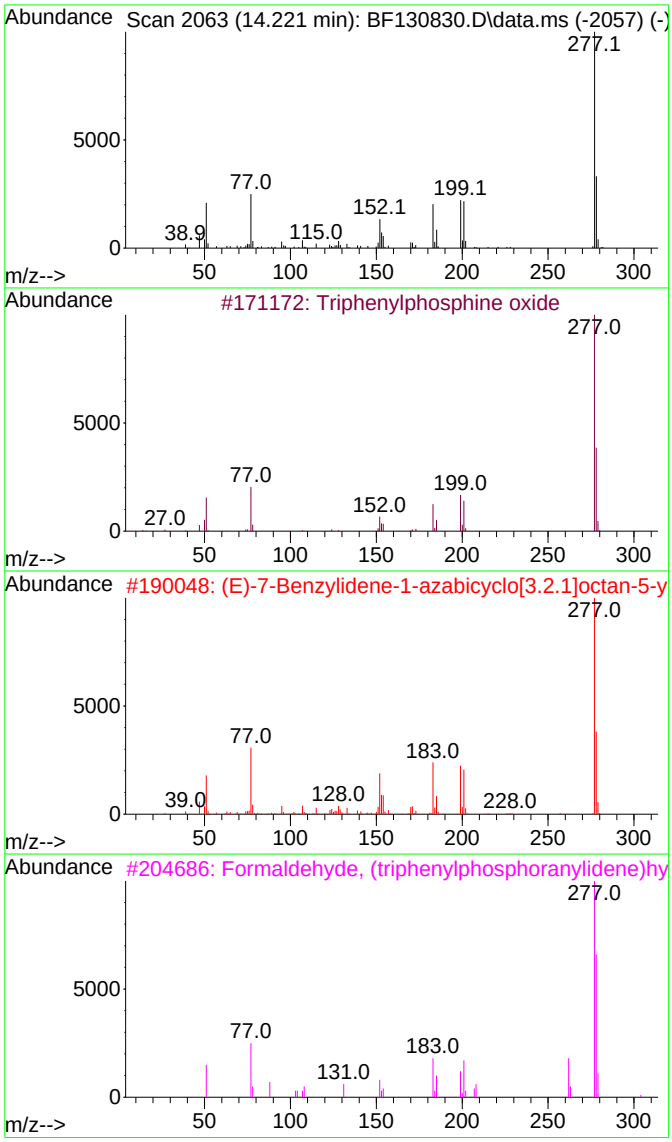
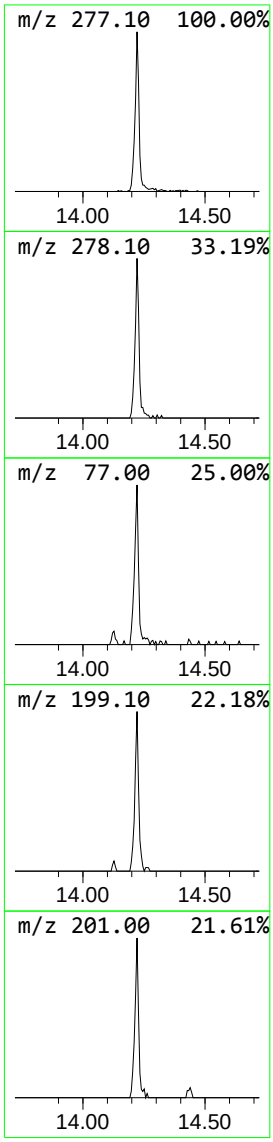
Peak Number 4 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.221	3.13 ng	139608	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	53
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	25
5	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	23





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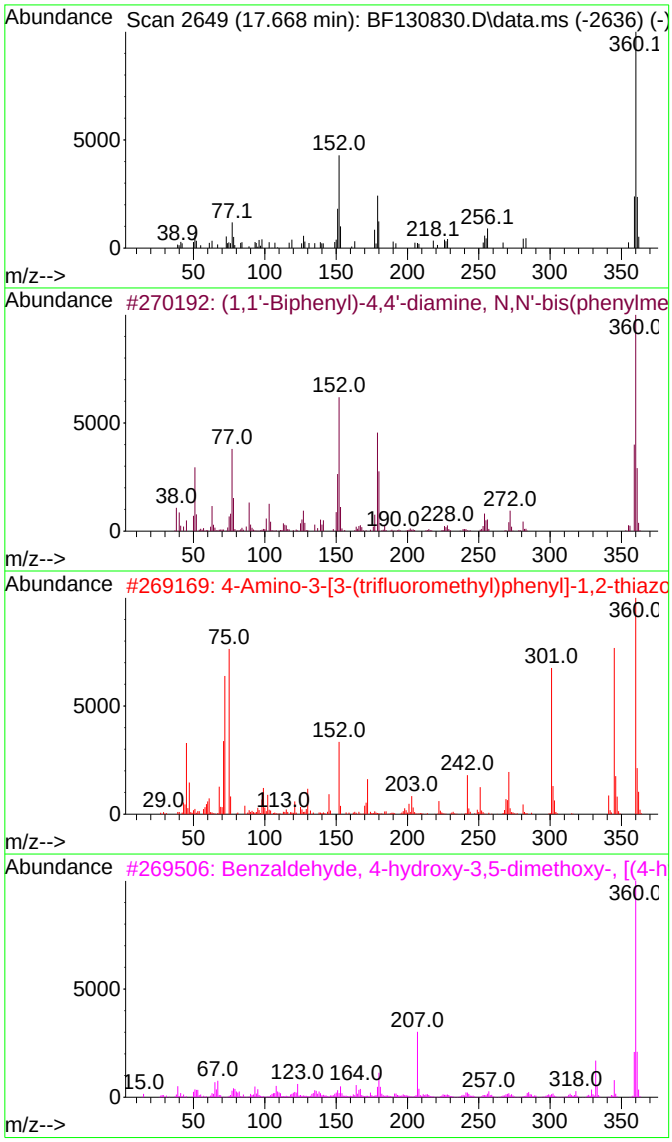
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

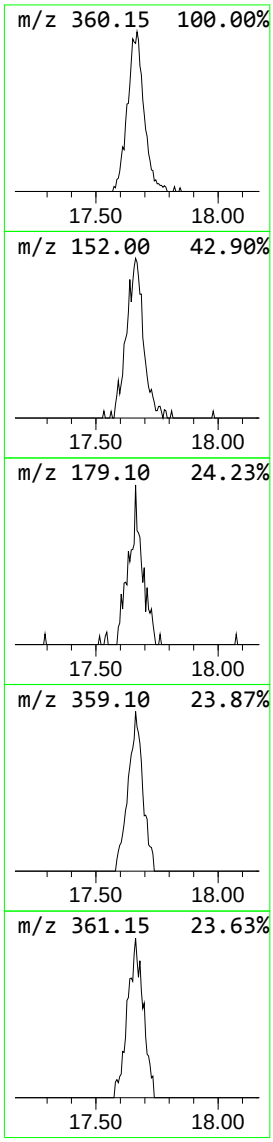
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.668	4.28 ng	145299	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	81
2	4-Amino-3-[3-(trifluoromethyl)ph...	360	C14H15F3N2O2SSi	1010500-98-0	58
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
4	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	47
5	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	46





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...	2.340	6.1	ng	195730	1	6.945	638060	20.0
Propane, 1,1-di...	2.452	2.2	ng	71265	1	6.945	638060	20.0
2-Pentanone, 4-...	5.193	13.7	ng	436524	1	6.945	638060	20.0
Triphenylphosph...	14.221	3.1	ng	139608	5	14.127	890774	20.0
(1,1'-Biphenyl)...	17.668	4.3	ng	145299	6	15.645	679571	20.0