

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002819.D
 Acq On : 21 Jul 2020 18:03
 Operator : CG/JU
 Sample : L3323-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 223-224

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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	4.405	243	258	285	rBV4	45503	342815	6.29%	1.296%
2	4.705	304	309	318	rVB	52600	78680	1.44%	0.298%
3	5.175	383	389	408	rBV	635644	996517	18.27%	3.769%
4	5.587	453	459	467	rVB	106101	156673	2.87%	0.593%
5	6.758	653	658	671	rVB	335505	575582	10.56%	2.177%
6	7.169	723	728	738	rBV	31732	68580	1.26%	0.259%
7	7.546	786	792	801	rBV	431558	681462	12.50%	2.577%
8	7.664	809	812	824	rVB	39420	63464	1.16%	0.240%
9	8.652	966	980	981	rBV4	36344	75866	1.39%	0.287%
10	8.693	981	987	1002	rVB	963389	1657447	30.39%	6.268%
11	10.122	1223	1230	1239	rBV2	33788	67600	1.24%	0.256%
12	10.316	1257	1263	1270	rBV	534085	880903	16.15%	3.331%
13	10.875	1348	1358	1364	rBV	117014	215345	3.95%	0.814%
14	10.934	1364	1368	1381	rVB	124961	259011	4.75%	0.980%
15	12.028	1546	1554	1565	rBV	171509	333627	6.12%	1.262%
16	12.810	1680	1687	1707	rBV	2257537	3491045	64.02%	13.203%
17	13.663	1826	1832	1839	rBV	261133	374813	6.87%	1.417%
18	14.198	1917	1923	1938	rBV2	831099	1244552	22.82%	4.707%
19	15.704	2173	2179	2189	rBV	1915360	2901900	53.22%	10.974%
20	15.816	2194	2198	2211	rVB	133512	250733	4.60%	0.948%
21	15.957	2219	2222	2225	rBV	51743	64512	1.18%	0.244%
22	16.757	2354	2358	2363	rBV	63871	82493	1.51%	0.312%
23	16.963	2387	2393	2405	rBV	985593	1441900	26.44%	5.453%
24	17.498	2480	2484	2489	rBV	65701	80850	1.48%	0.306%
25	18.181	2596	2600	2605	rVB	65557	79673	1.46%	0.301%
26	18.804	2698	2706	2710	rBV2	292179	477493	8.76%	1.806%
27	19.063	2747	2750	2755	rVB	161528	183354	3.36%	0.693%
28	19.375	2797	2803	2808	rBV3	67468	142604	2.62%	0.539%
29	19.551	2828	2833	2842	rVB	4351202	5453034	100.00%	20.622%
30	20.804	3043	3046	3053	rBV	389580	501408	9.20%	1.896%
31	21.075	3087	3092	3096	rBV	1245292	1588333	29.13%	6.007%
32	23.263	3458	3464	3471	rBV2	913669	1629983	29.89%	6.164%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3323-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
223-224

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_P\METHODS\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

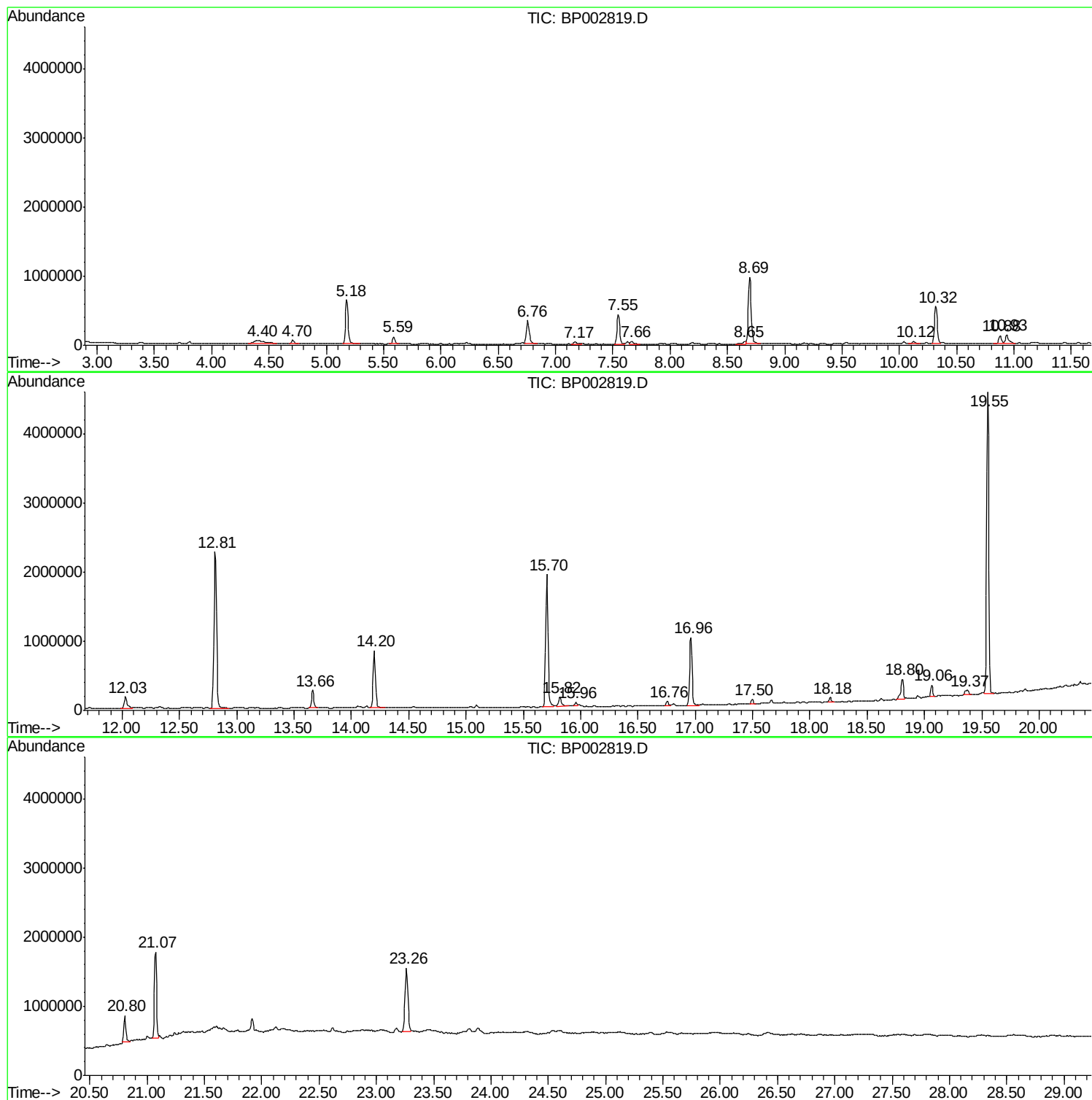
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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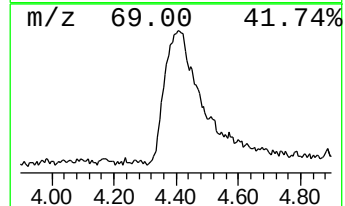
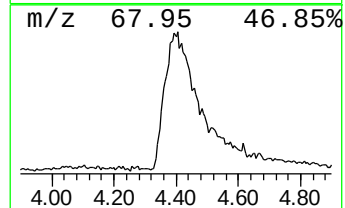
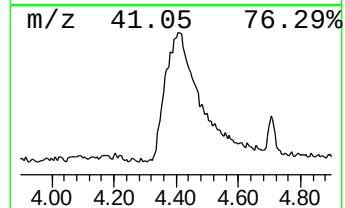
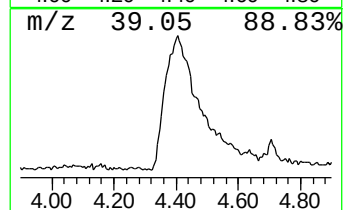
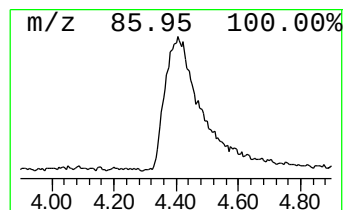
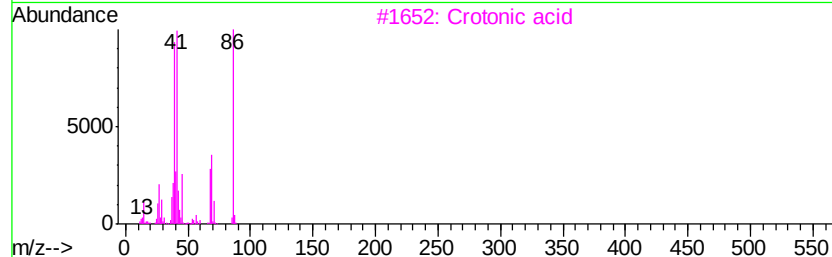
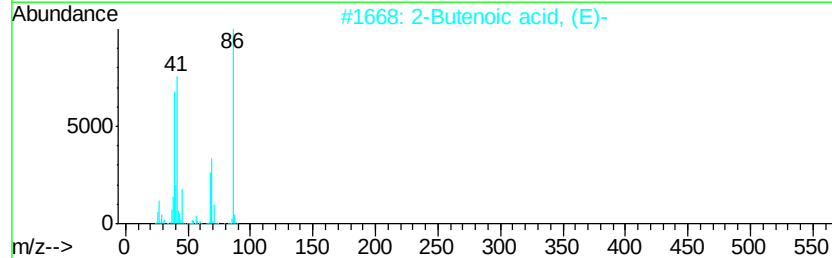
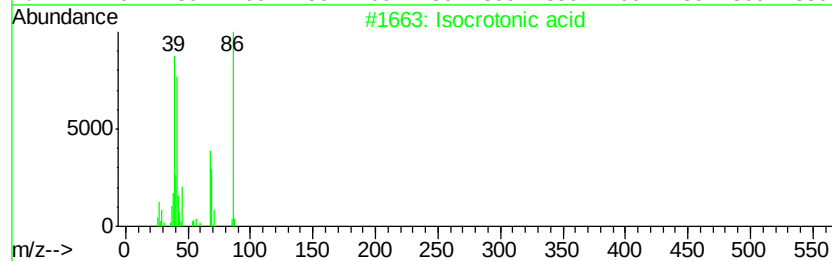
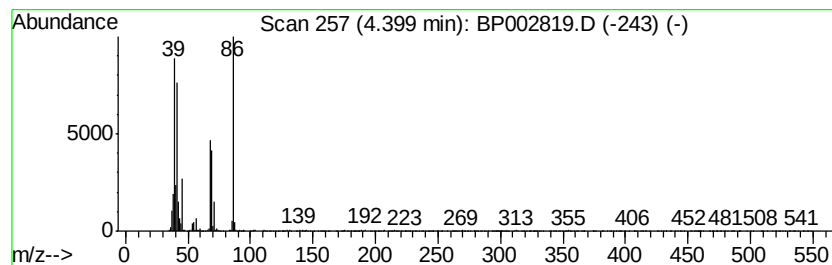
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Isocrotonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	10.06 ng	342815	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isocrotonic acid	86	C4H6O2	000503-64-0	95
2		2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	94
3		Crotonic acid	86	C4H6O2	003724-65-0	94
4		2-Propenoic acid, 2-methyl-	86	C4H6O2	000079-41-4	90
5		2-Butenedioic acid, 2-methyl-, (Z)-	130	C5H6O4	000498-23-7	64



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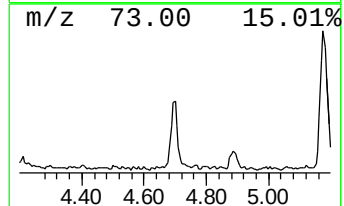
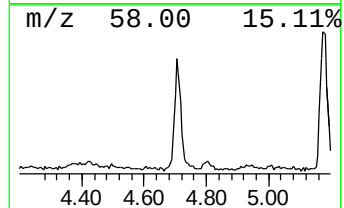
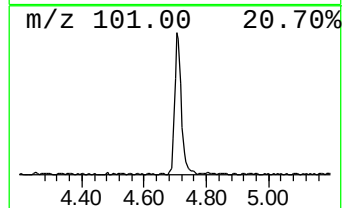
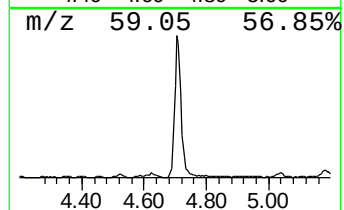
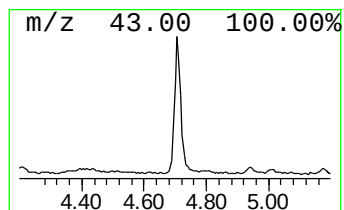
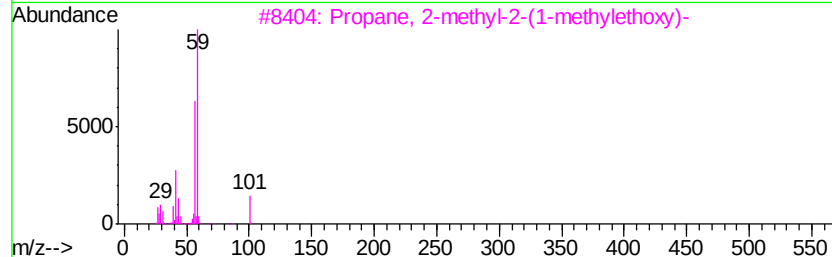
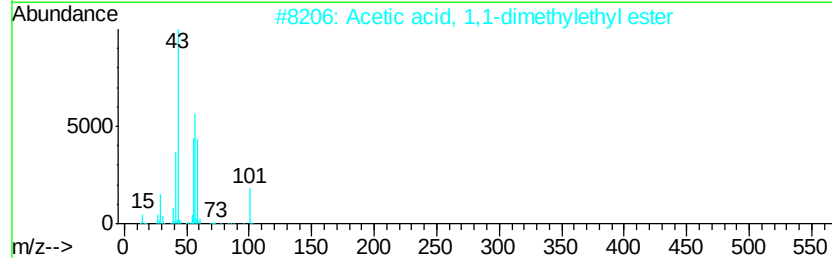
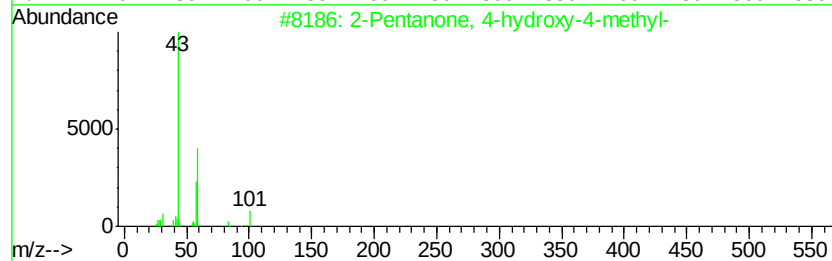
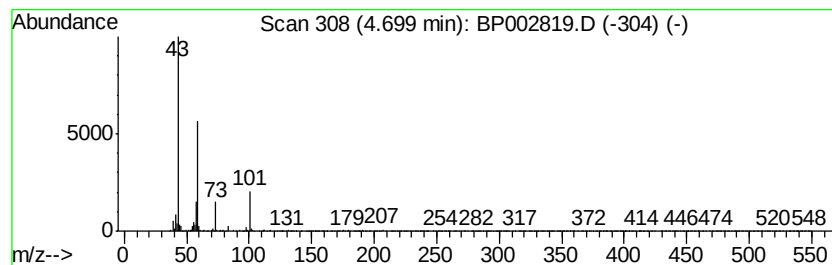
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	2.31 ng	78680	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	40
4		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	32



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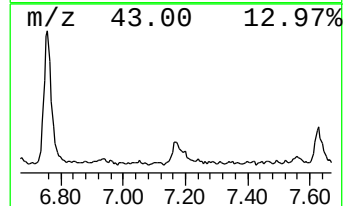
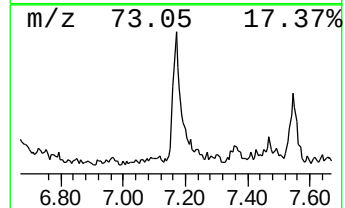
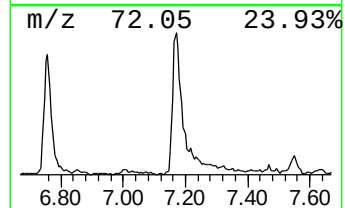
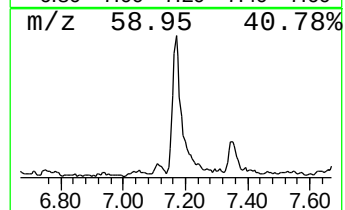
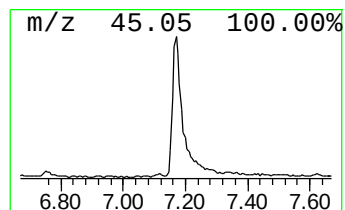
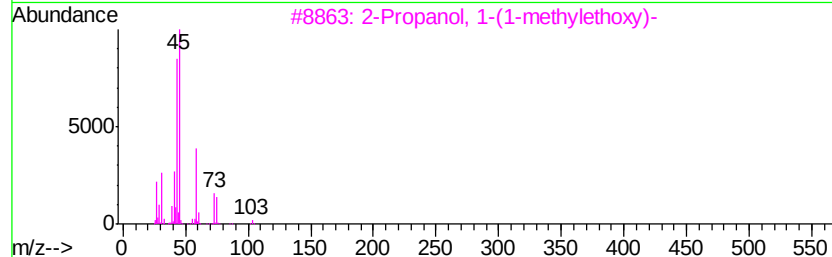
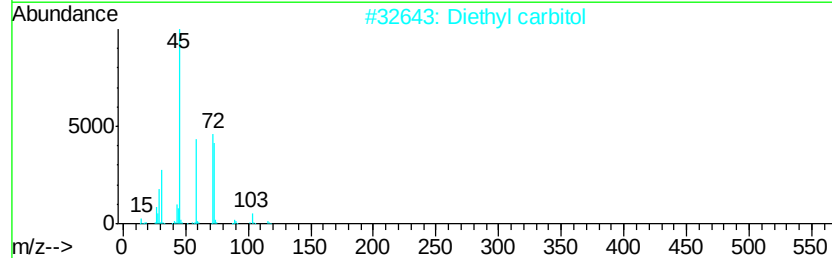
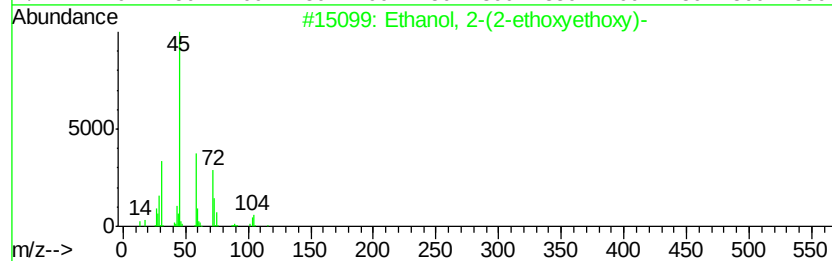
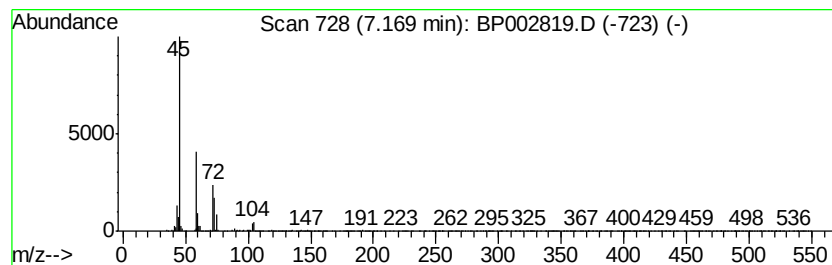
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	2.01 ng	68580	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		Diethyl carbitol	162	C8H18O3	000112-36-7	56
3		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
5		Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	38



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ALS Vial : 13 Sample Multiplier: 1

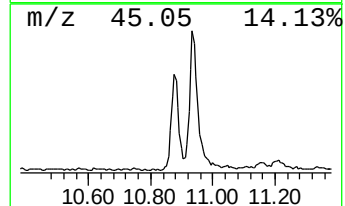
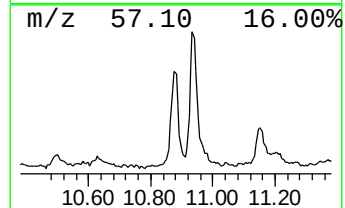
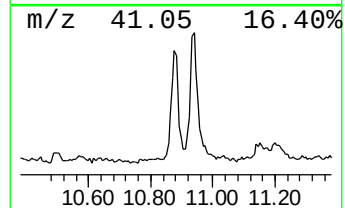
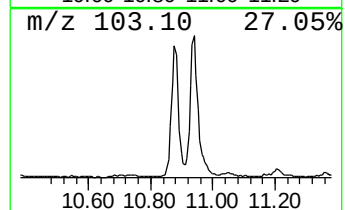
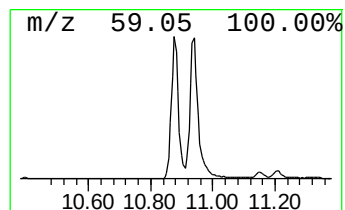
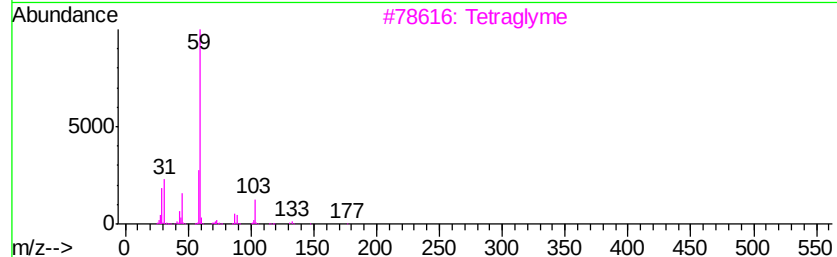
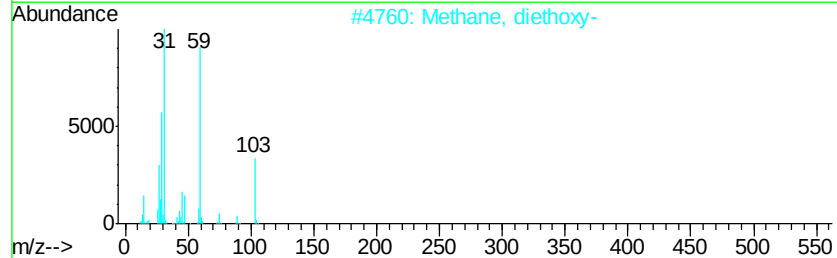
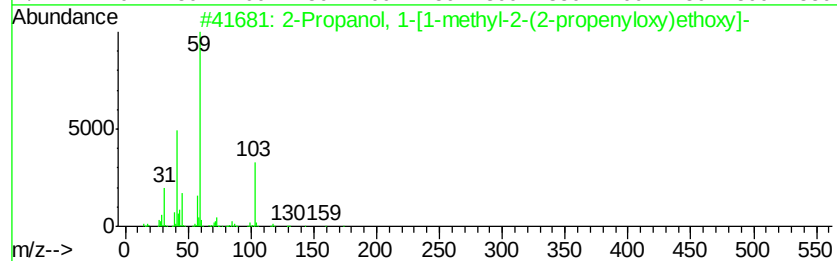
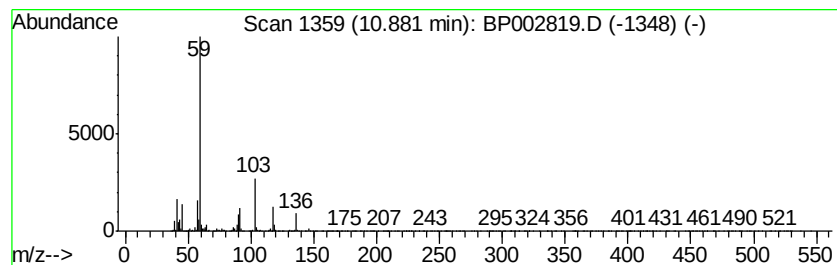
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.88	4.89 ng	215345	Naphthalene-d8	10.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	58
3	Tetraolyme	222	C10H22O5	000143-24-8	53
4	2-Hydroxybutanoic acid hydrazide	118	C4H10N2O2	1000197-30-7	53
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	53



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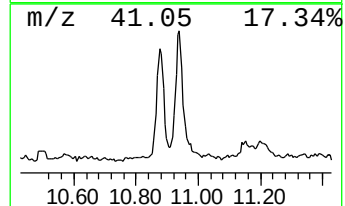
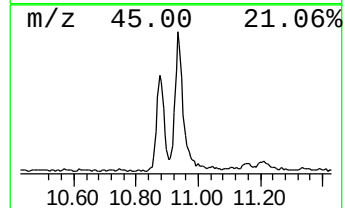
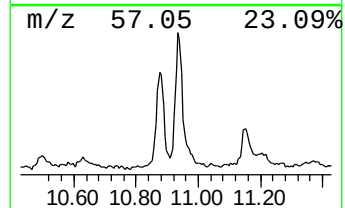
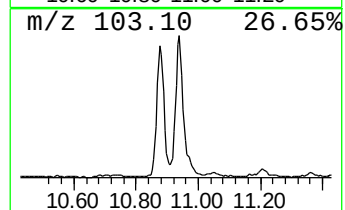
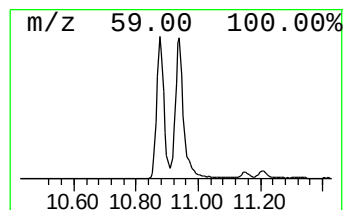
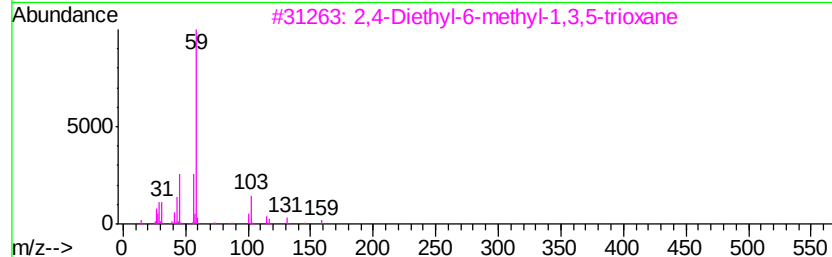
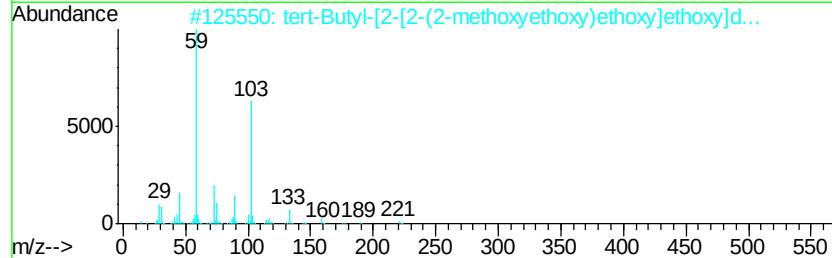
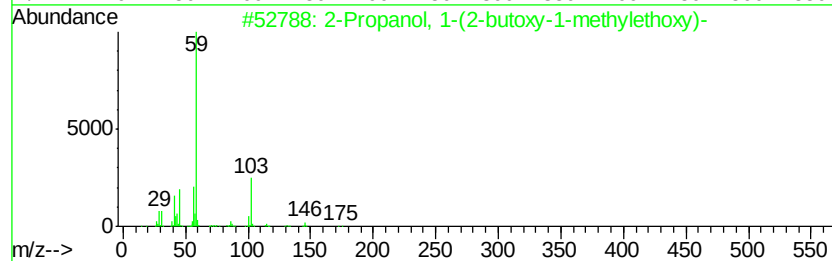
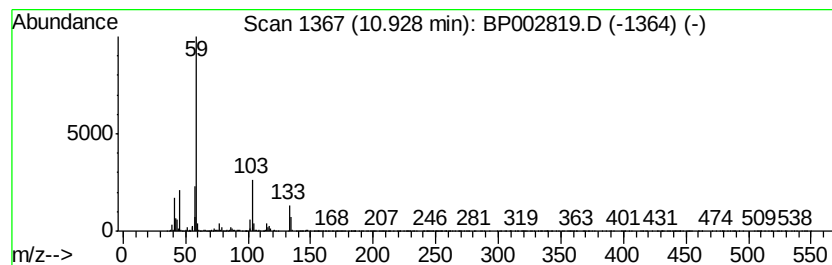
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.93	5.88 ng	259011	Naphthalene-d8	10.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	80
2	tert-Butyl-[2-[2-(2-methoxyethox...	278	C13H30O4Si	1000352-09-5	72
3	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	64
4	tert-Butyl-[2-[2-[2-(2-methox...	366	C17H38O6Si	1000352-11-8	64
5	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64



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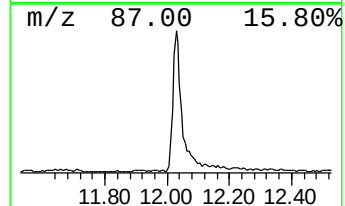
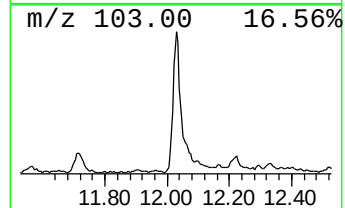
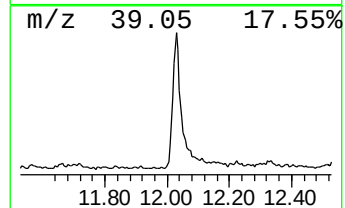
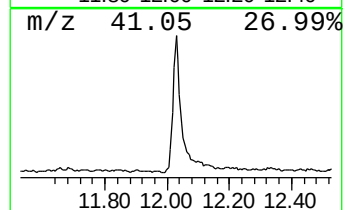
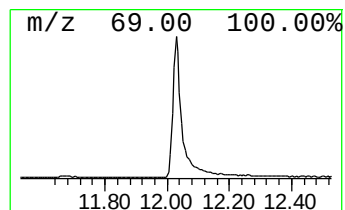
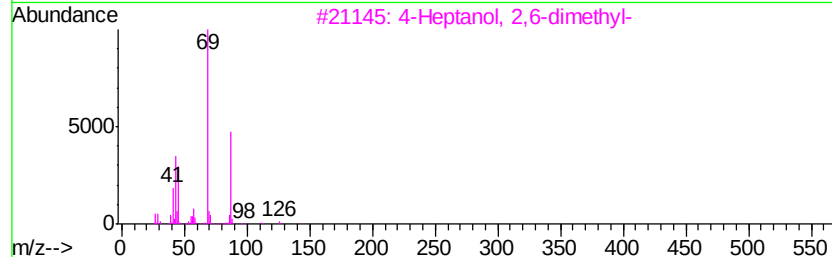
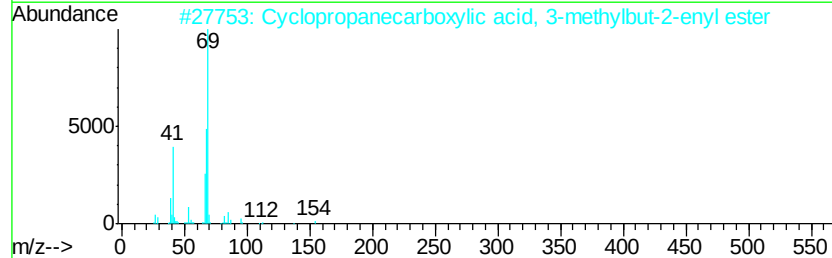
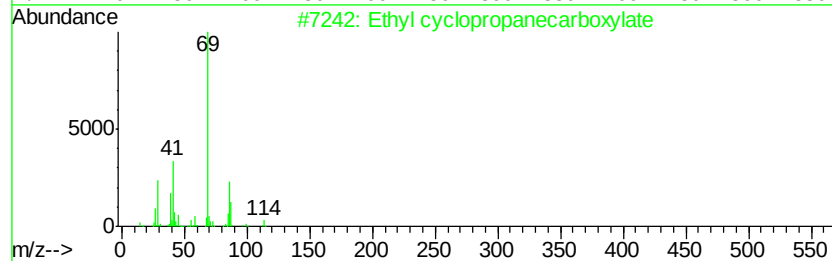
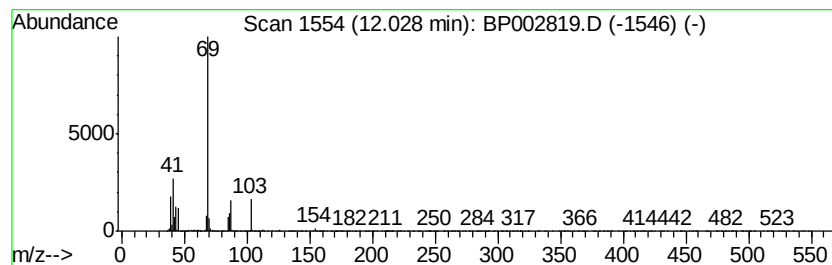
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	7.57 ng	333627	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
2		Cyclopropanecarboxylic acid, 3-methylbut-2-enyl ester	154	C9H14O2	1000299-37-4	9
3		4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	9
4		Cyclopropanecarboxylic acid, propyl ester	128	C7H12O2	060128-01-0	9
5		Cyclopropanecarboxylic acid, butyl ester	142	C8H14O2	054947-39-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002819.D
Acq On : 21 Jul 2020 18:03
Operator : CG/JU
Sample : L3323-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

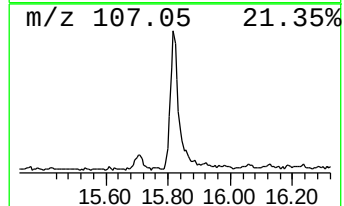
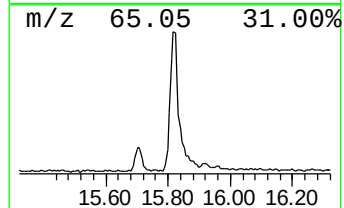
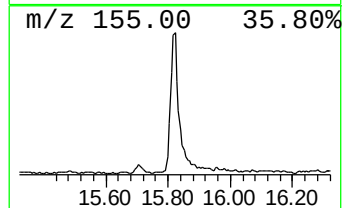
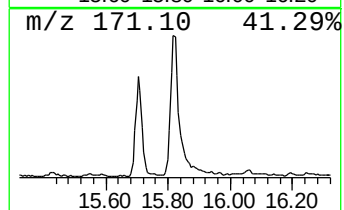
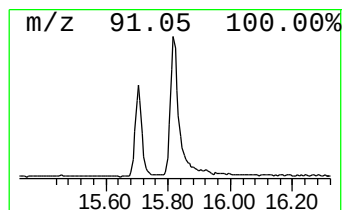
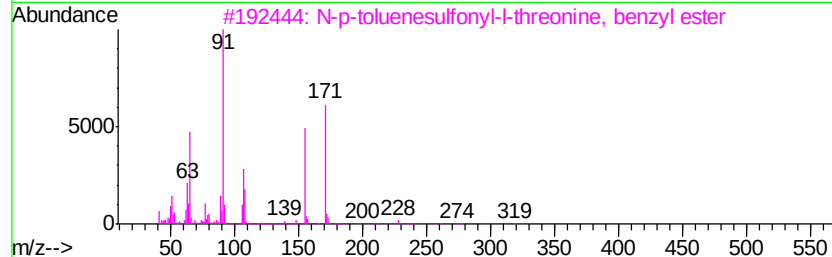
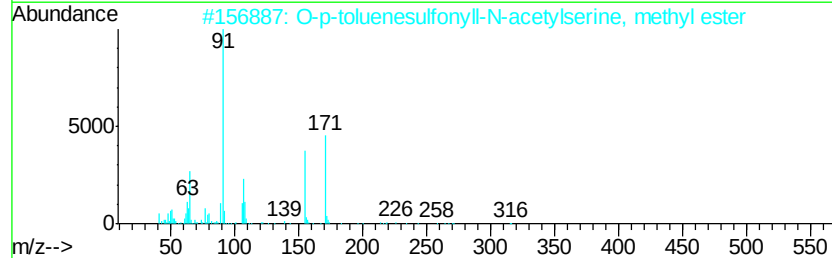
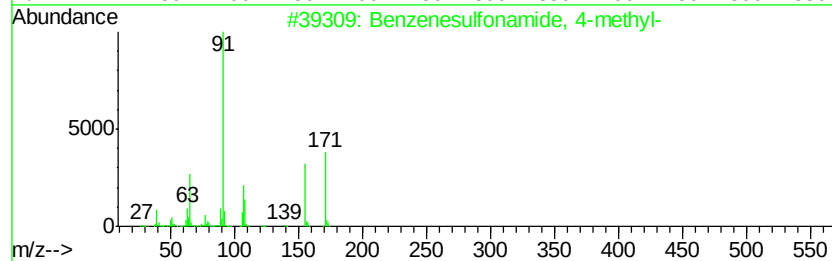
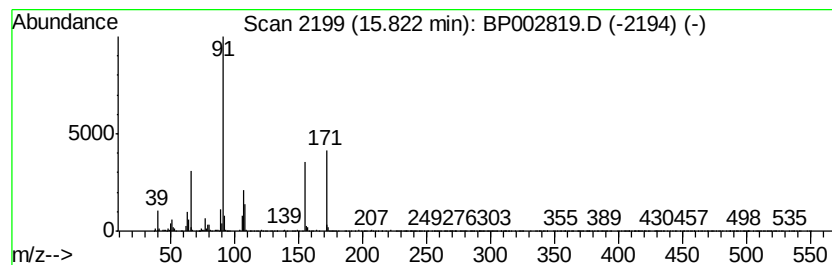
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzenesulfonamide, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.82	3.48 ng	250733	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	83
3	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	78
4	Dibenzyl phosphite	262	C14H15O3P	017176-77-1	53
5	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
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Sample : L3323-03
Misc :
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Instrument :
BNA_P
ClientSampleId :
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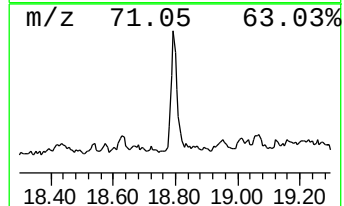
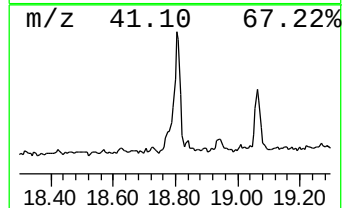
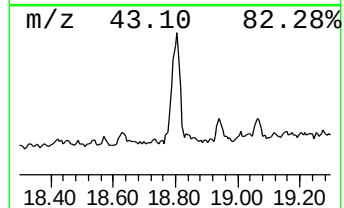
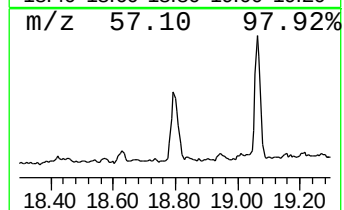
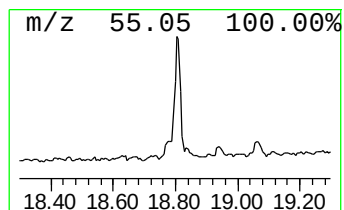
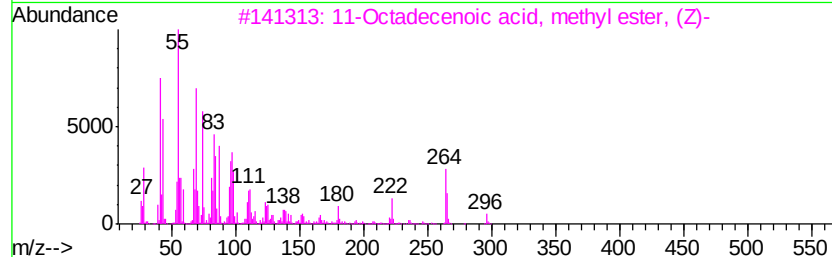
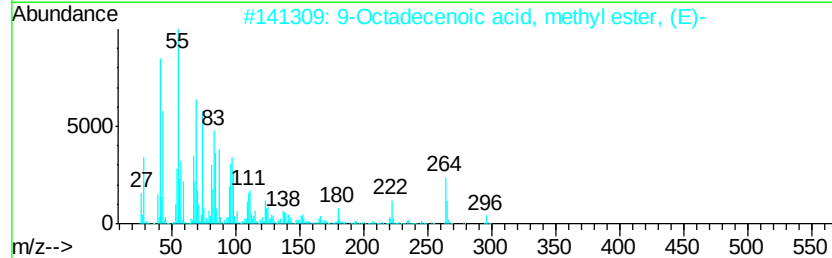
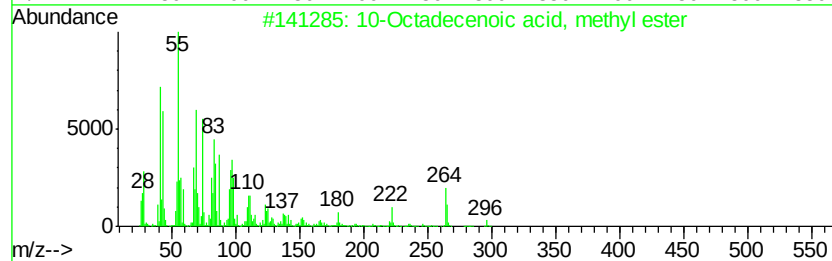
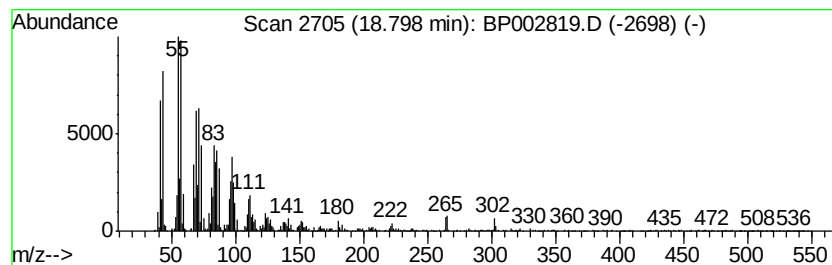
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 10-Octadecenoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	6.62 ng	477493	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	99
3		11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	99
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002819.D
Acq On : 21 Jul 2020 18:03
Operator : CG/JU
Sample : L3323-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
223-224

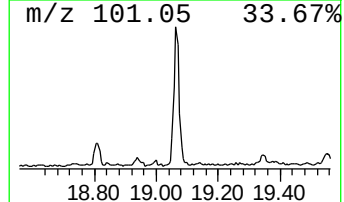
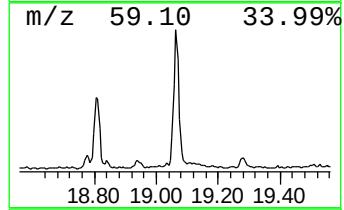
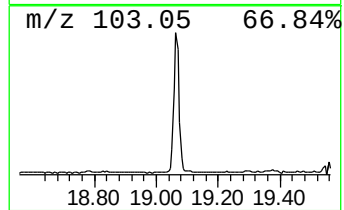
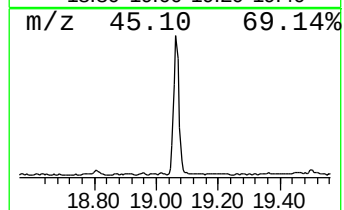
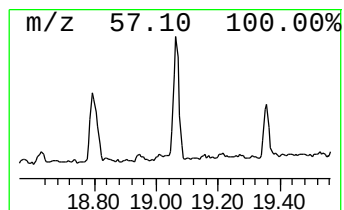
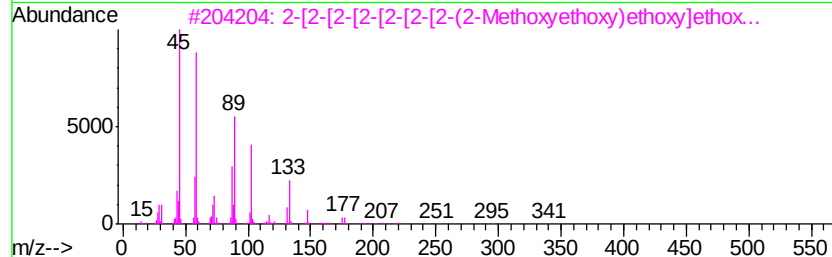
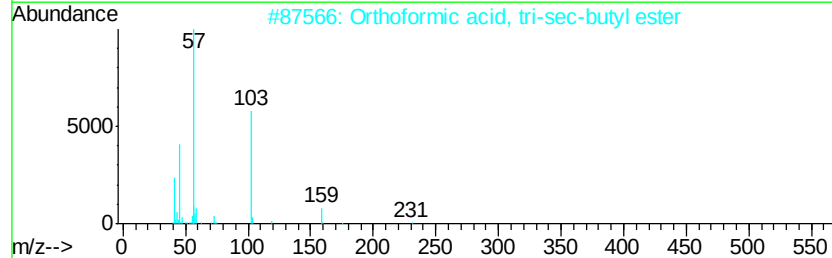
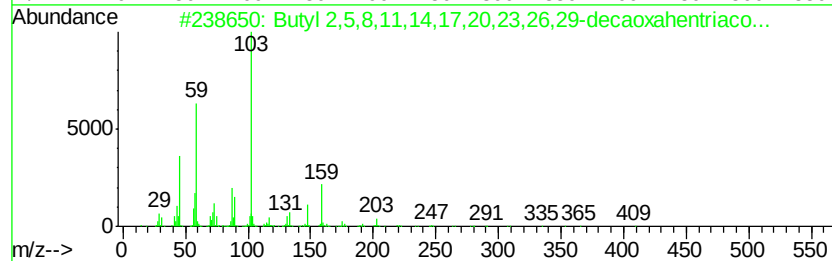
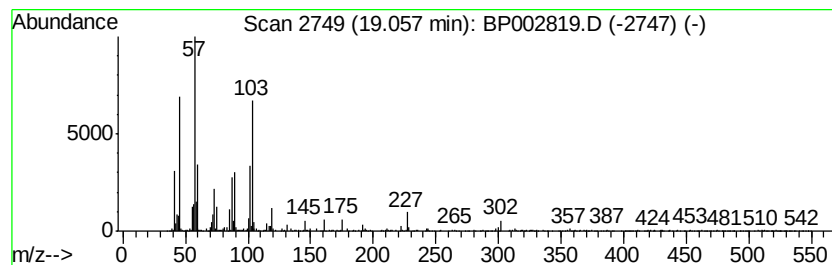
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown19.06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.31 ng	183354	Chrysene-d12	21.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl	2,5,8,11,14,17,20,23,26,29...	542	C25H50O12	1000366-81-6	43	
2	Orthoformic acid, tri-sec-butyl	...	232	C13H28O3	016754-48-6	35	
3	2-[2-[2-[2-[2-[2-(2-Methoxvet...		384	C17H36O9	1000352-04-2	35	
4	2-[2-[2-[2-[2-[2-(2-Methoxvethox...		340	C15H32O8	1000352-04-1	35	
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...		516	C23H48O12	1000352-04-4	35	



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
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Acq On : 21 Jul 2020 18:03
Operator : CG/JU
Sample : L3323-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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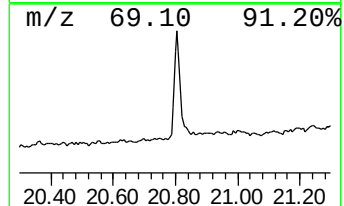
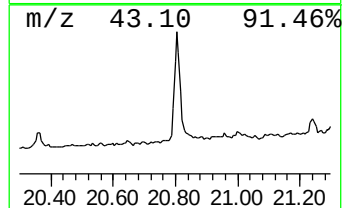
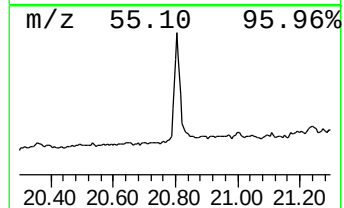
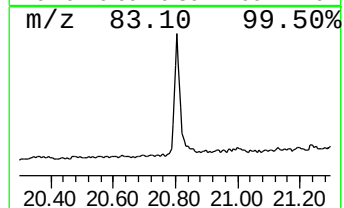
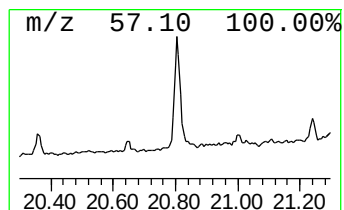
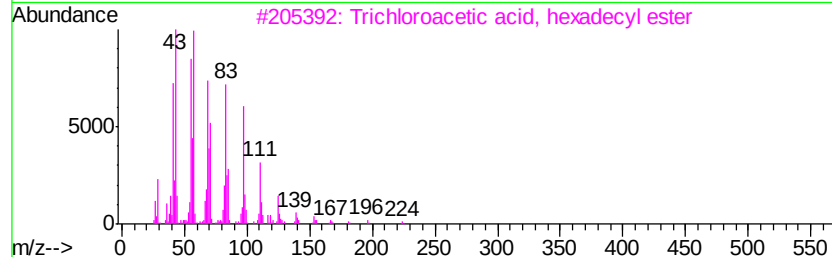
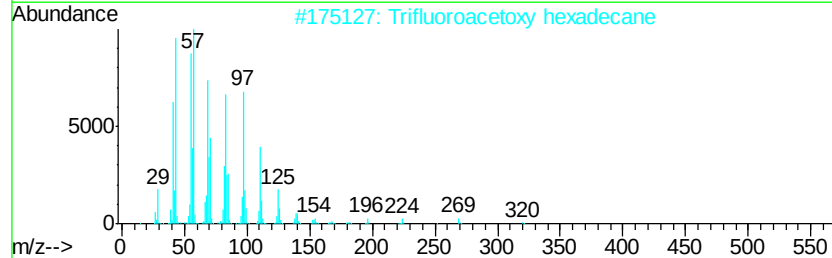
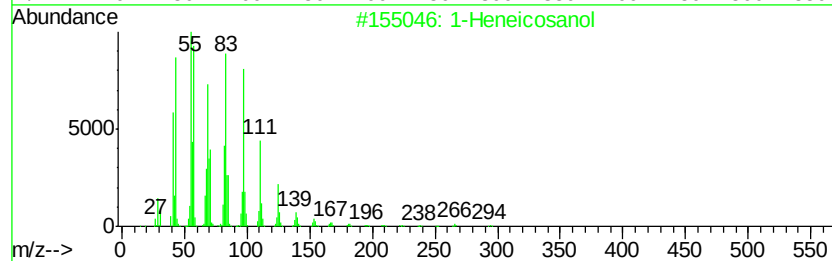
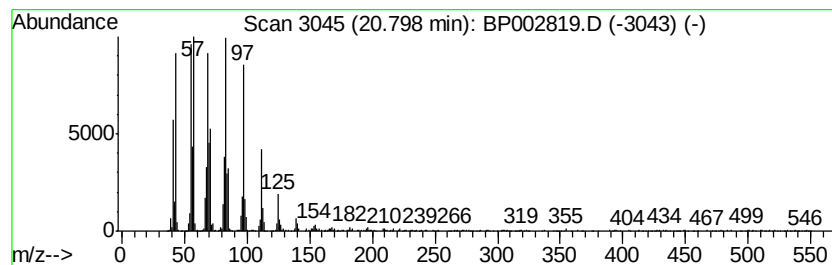
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	6.31 ng	501408	Chrysene-d12	21.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5			Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP072120\
 Data File : BP002819.D
 Acq On : 21 Jul 2020 18:03
 Operator : CG/JU
 Sample : L3323-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isocrotonic acid	4.40	10.1 ng		342815	1	7.55	681462	20.0
2-Pentanone, 4-hy...	4.70	2.3 ng		78680	1	7.55	681462	20.0
Ethanol, 2-(2-eth...	7.17	2.0 ng		68580	1	7.55	681462	20.0
2-Propanol, 1-[1-...	10.88	4.9 ng		215345	2	10.32	880903	20.0
2-Propanol, 1-(2-...	10.93	5.9 ng		259011	2	10.32	880903	20.0
unknown12.03	12.03	7.6 ng		333627	2	10.32	880903	20.0
Benzenesulfonamid...	15.82	3.5 ng		250733	4	16.96	1441900	20.0
10-Octadecenoic a...	18.80	6.6 ng		477493	4	16.96	1441900	20.0
unknown19.06	19.06	2.3 ng		183354	5	21.07	1588330	20.0
1-Heneicosanol	20.80	6.3 ng		501408	5	21.07	1588330	20.0