

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011675.D
 Acq On : 09 Sep 2022 21:59
 Operator : CG/JU
 Sample : N4549-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-58

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\8270E-BP090222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP011675.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	13	rVB	1192824	1499495	3.75%	0.955%
2	3.093	13	18	40	rVB	12514619	15897543	39.72%	10.125%
3	5.052	346	351	363	rVB	276604	414402	1.04%	0.264%
4	5.516	422	430	438	rBV	3932572	5752711	14.37%	3.664%
5	7.110	694	701	716	rBV	2309383	3821197	9.55%	2.434%
6	7.957	839	845	852	rVB	1306675	2085774	5.21%	1.328%
7	8.334	903	909	922	rBV	527875	866675	2.17%	0.552%
8	9.069	1029	1034	1038	rBV	256905	431589	1.08%	0.275%
9	9.128	1038	1044	1054	rVB2	4485573	8410852	21.02%	5.357%
10	9.593	1118	1123	1130	rVB	513406	815787	2.04%	0.520%
11	10.169	1210	1221	1230	rBV2	307785	638686	1.60%	0.407%
12	10.769	1312	1323	1329	rBV	1755404	3275639	8.18%	2.086%
13	12.404	1593	1601	1607	rBV4	168404	486412	1.22%	0.310%
14	12.645	1634	1642	1647	rBV	424677	788993	1.97%	0.502%
15	13.228	1734	1741	1747	rBV	11561615	16987084	42.45%	10.819%
16	14.322	1922	1927	1934	rVB2	464000	795211	1.99%	0.506%
17	14.422	1936	1944	1955	rBV	1788730	3533759	8.83%	2.251%
18	14.598	1968	1974	1980	rVV	2513323	3804475	9.51%	2.423%
19	15.775	2170	2174	2183	rVB	342809	599335	1.50%	0.382%
20	16.086	2221	2227	2243	rBV	8033091	12280063	30.68%	7.821%
21	17.351	2437	2442	2448	rBV	2996169	4265959	10.66%	2.717%
22	18.239	2589	2593	2601	rBV	1319405	2012013	5.03%	1.281%
23	19.469	2798	2802	2814	rVB	800212	1179865	2.95%	0.751%
24	19.904	2871	2876	2882	rVB	13271945	16506780	41.25%	10.513%
25	21.139	3083	3086	3093	rVB2	307163	411041	1.03%	0.262%
26	21.433	3131	3136	3142	rBV	3511297	4585486	11.46%	2.920%
27	21.568	3152	3159	3179	rBV	23555828	40020868	100.00%	25.488%
28	23.898	3549	3555	3568	rVB2	2369580	4850596	12.12%	3.089%

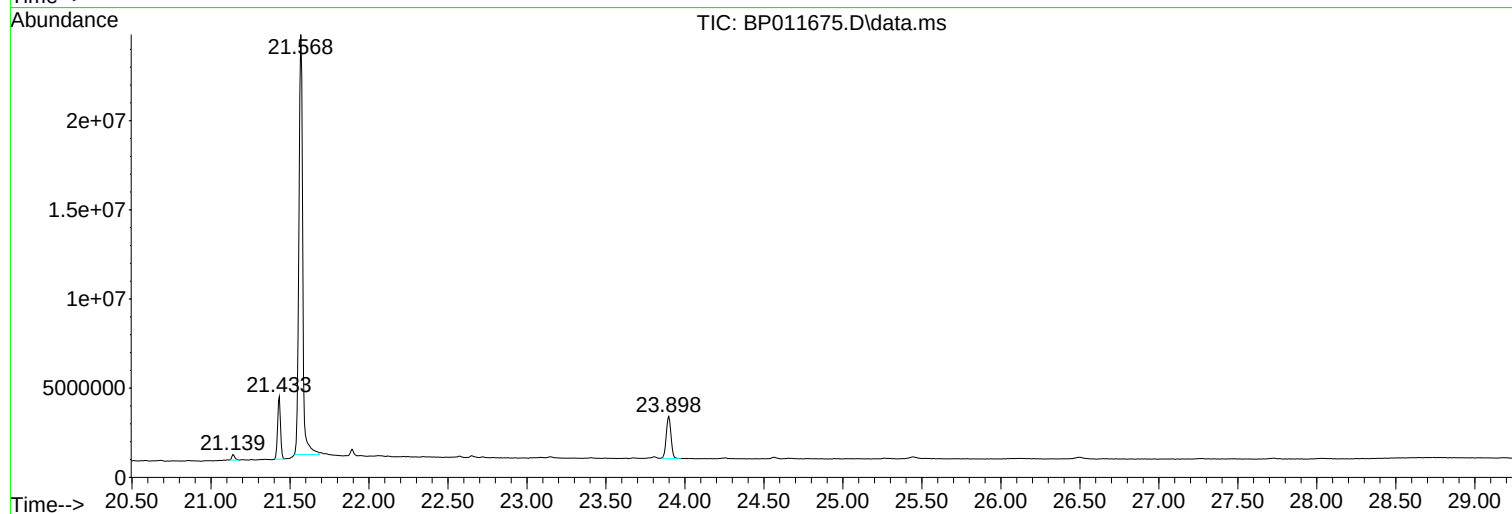
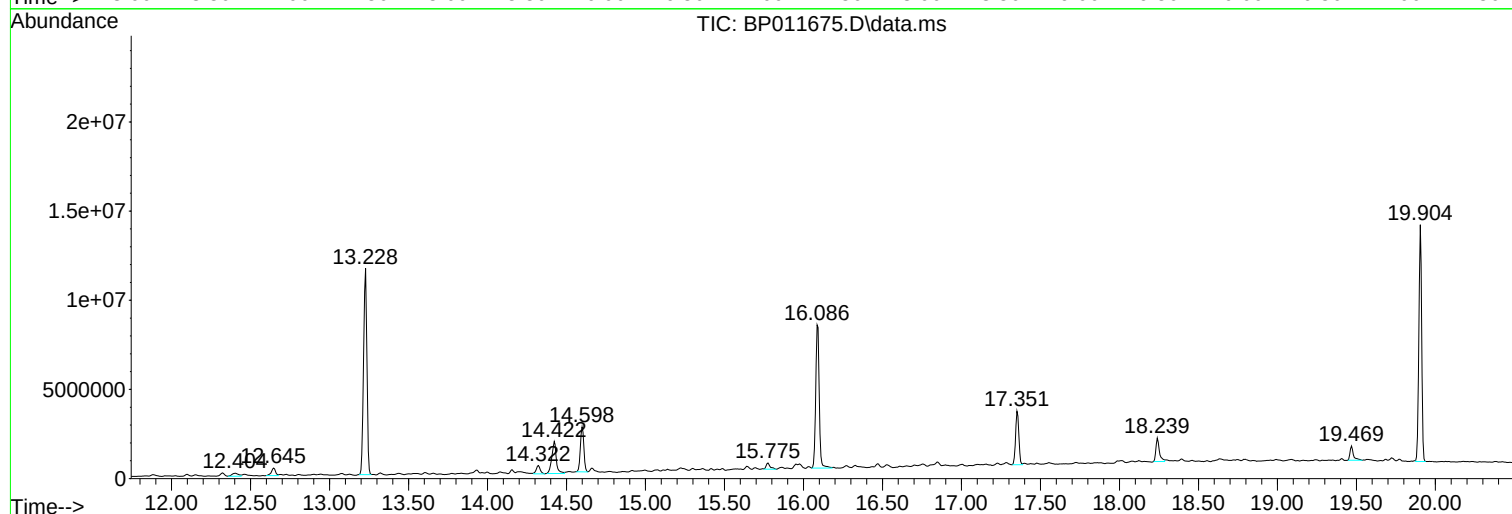
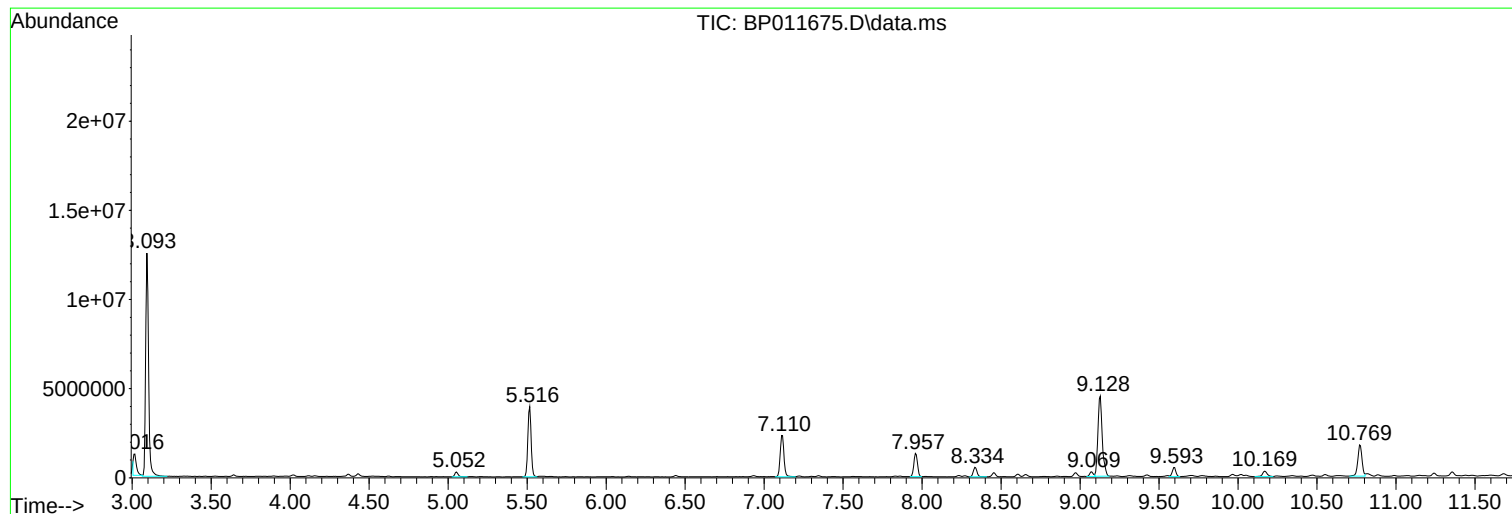
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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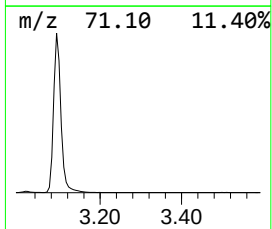
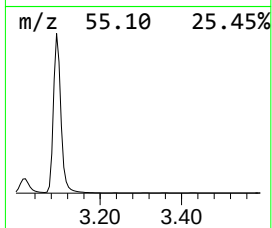
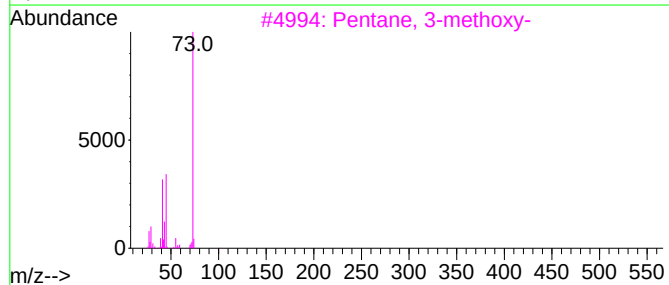
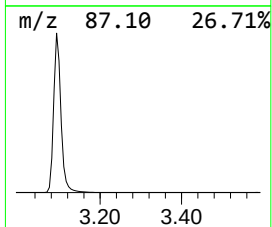
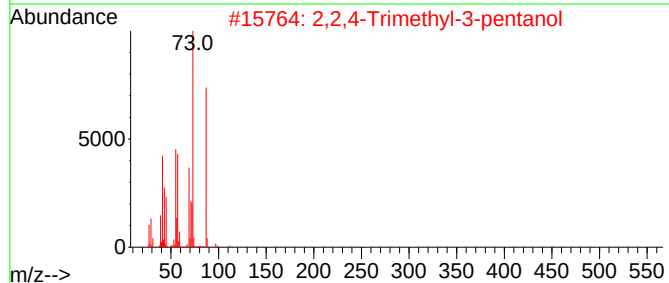
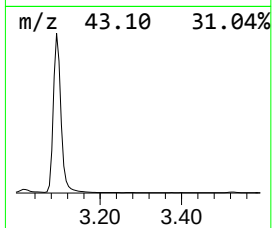
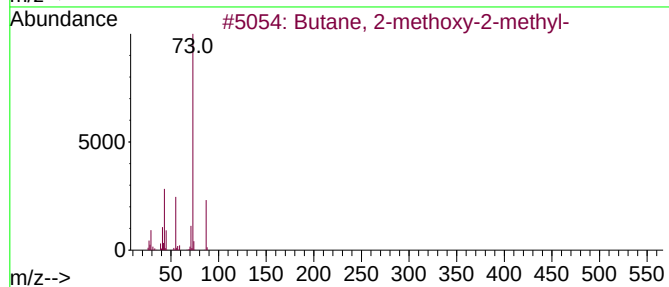
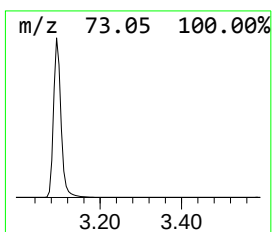
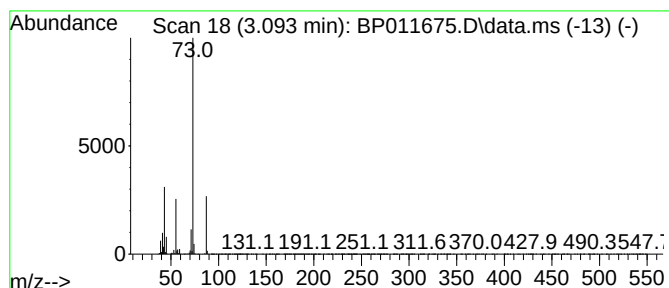
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	152.44 ng	15897500	1,4-Dichlorobenzene-d4	7.957

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			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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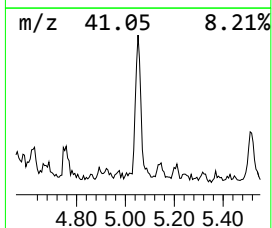
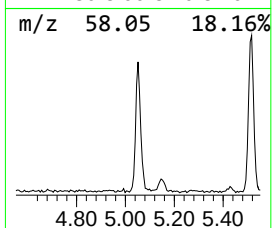
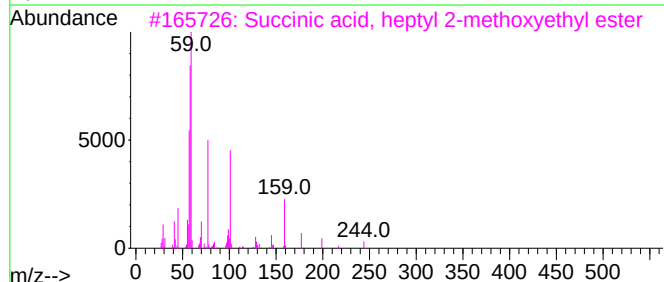
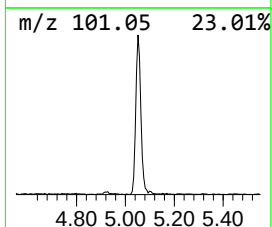
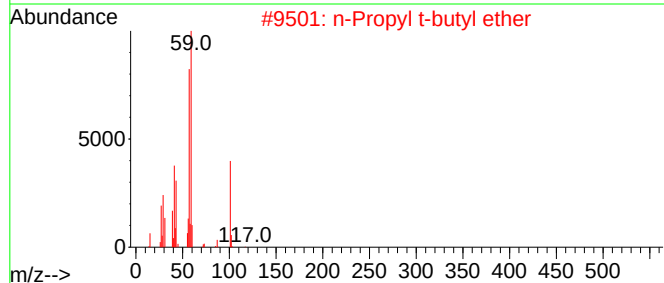
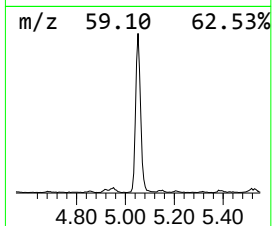
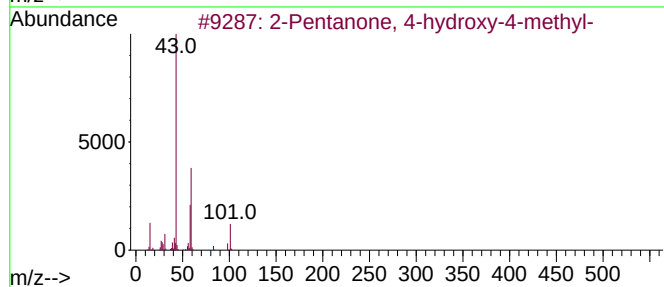
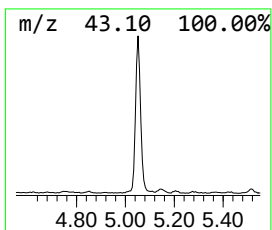
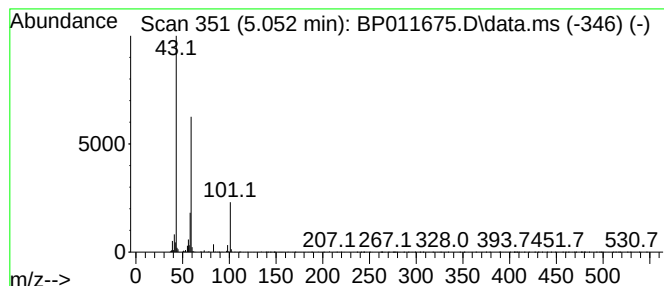
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.052	3.97 ng	414402	1,4-Dichlorobenzene-d4	7.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3			Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
4			2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	25
5			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25



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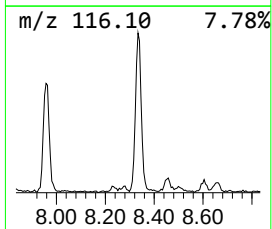
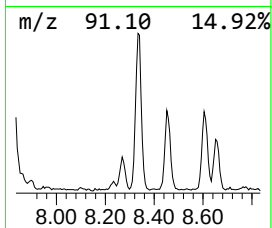
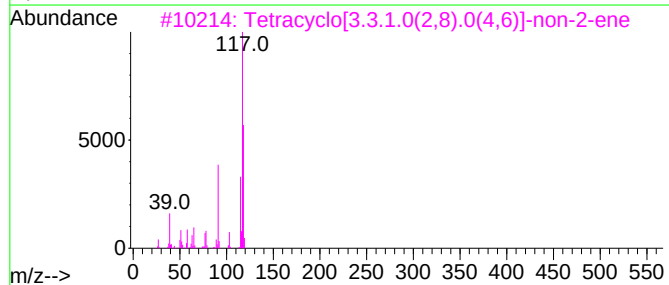
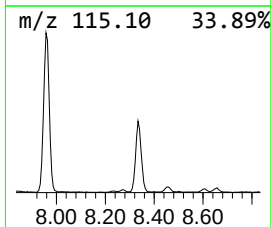
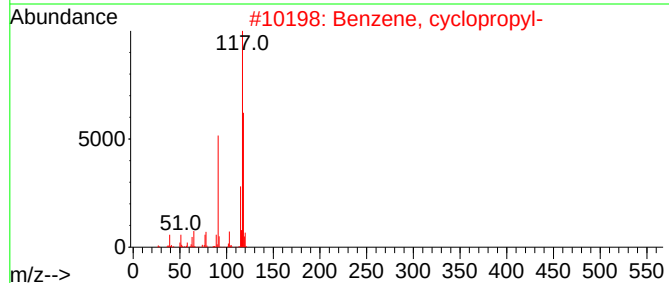
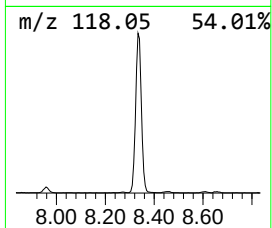
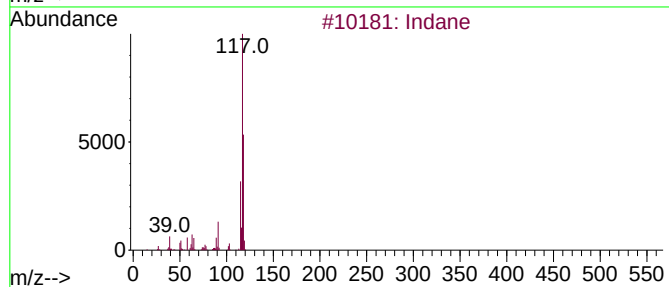
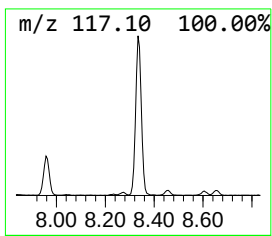
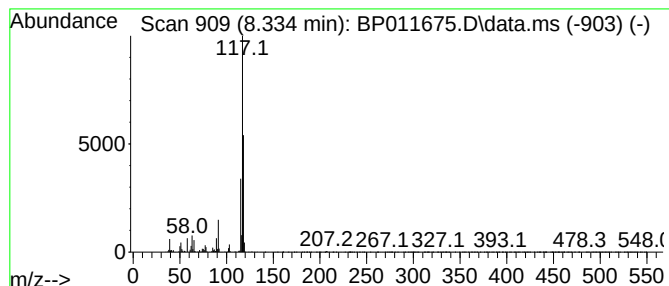
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	8.31 ng	866675	1,4-Dichlorobenzene-d4	7.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4			Deltacyclene	118	C9H10	007785-10-6	72
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	60



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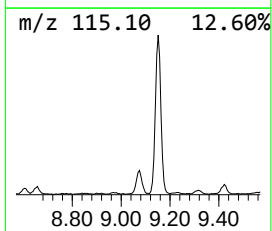
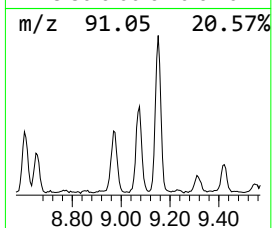
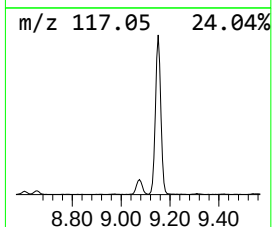
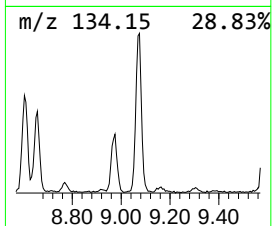
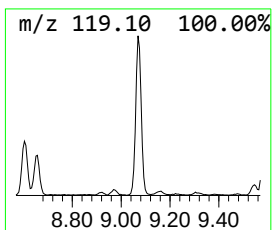
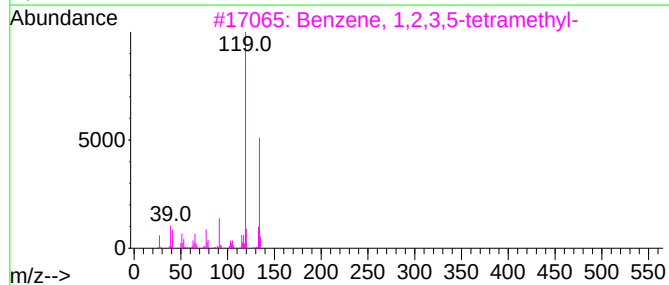
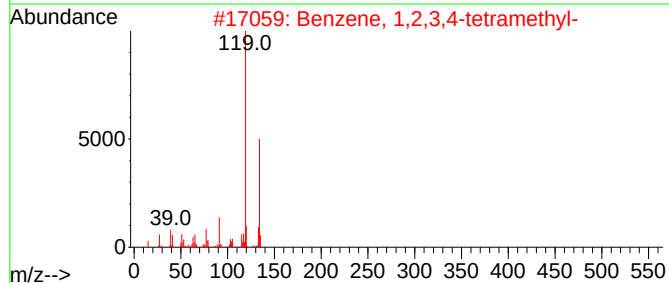
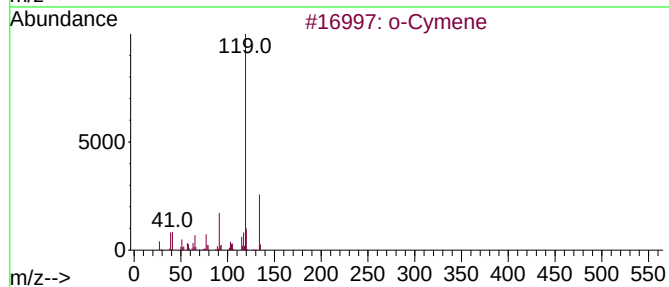
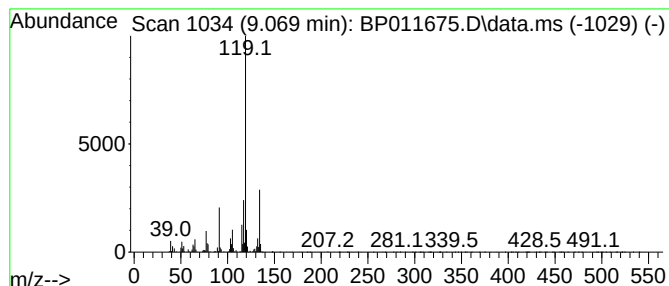
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	4.14 ng	431589	1,4-Dichlorobenzene-d4	7.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



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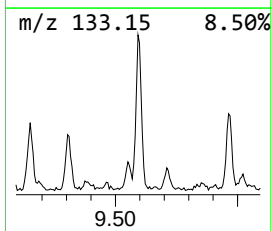
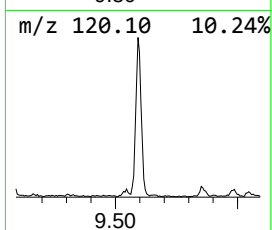
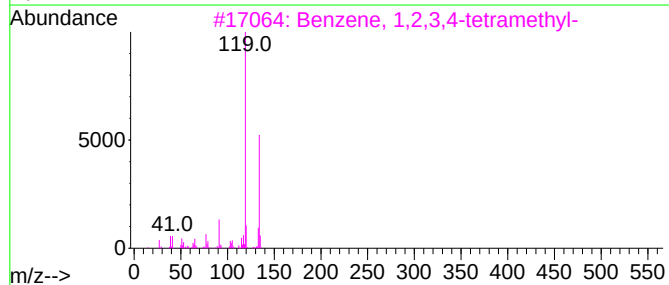
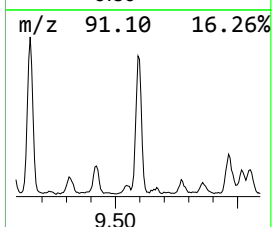
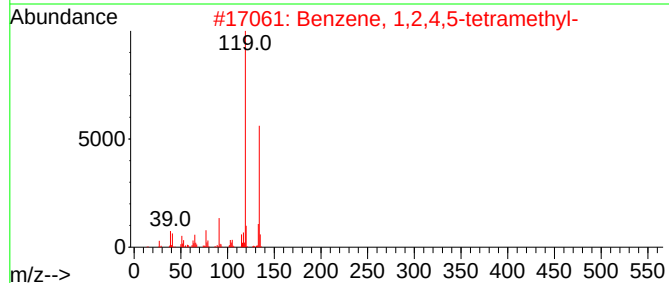
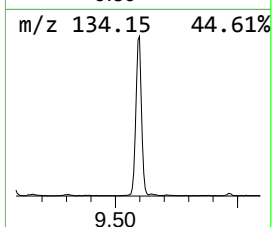
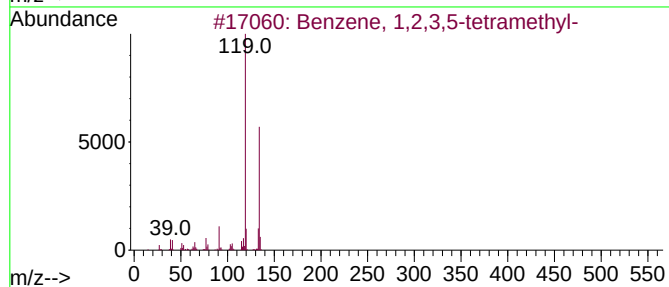
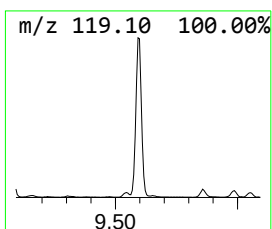
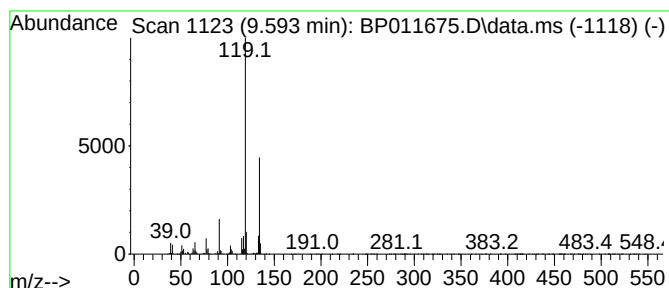
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Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.593	4.98 ng	815787	Naphthalene-d8	10.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



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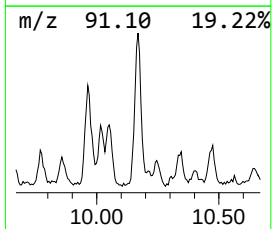
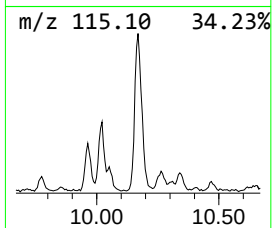
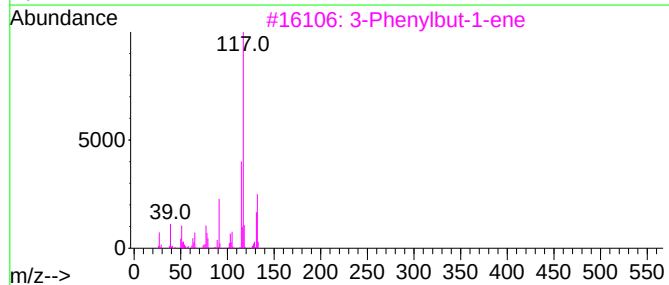
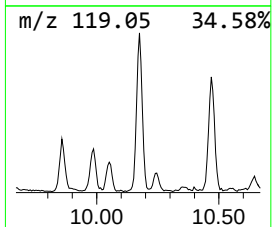
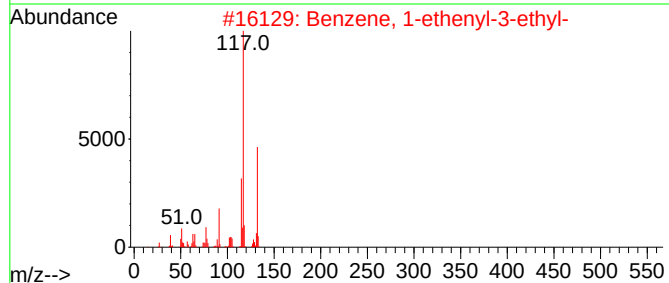
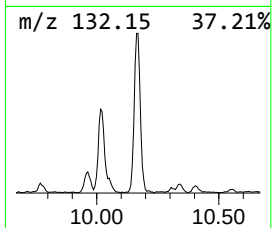
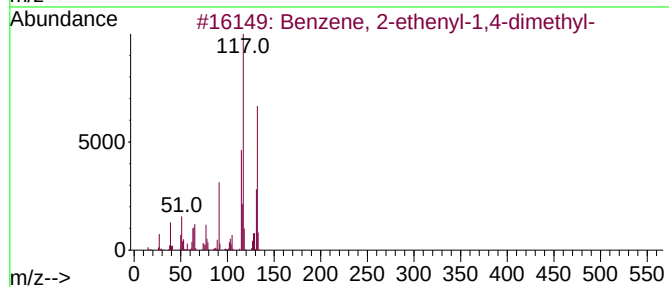
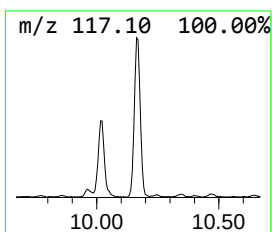
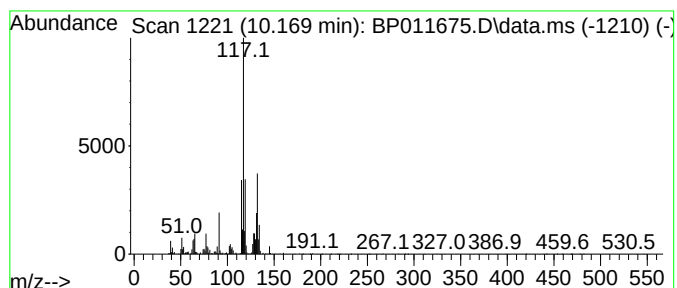
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.169	3.90 ng	638686	Naphthalene-d8	10.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011675.D
Acq On : 09 Sep 2022 21:59
Operator : CG/JU
Sample : N4549-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

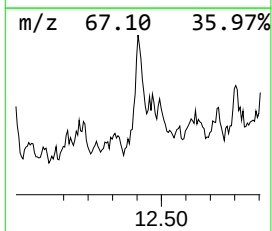
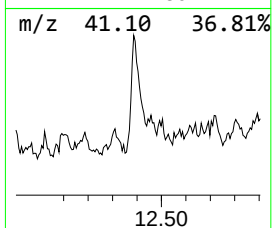
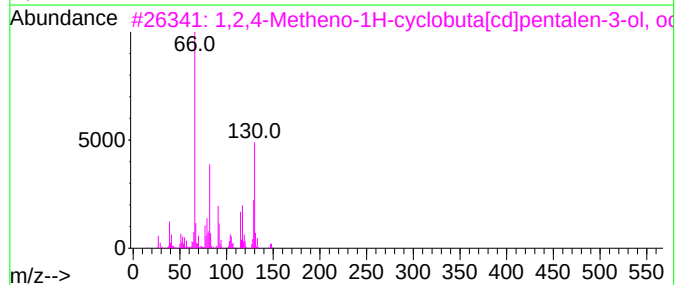
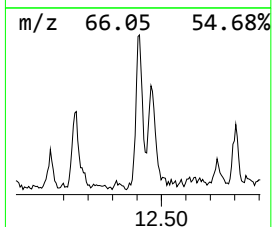
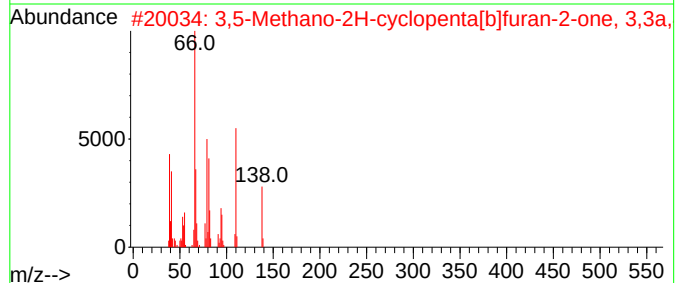
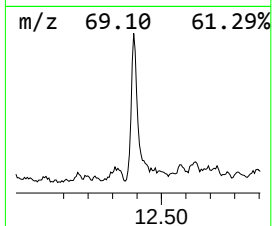
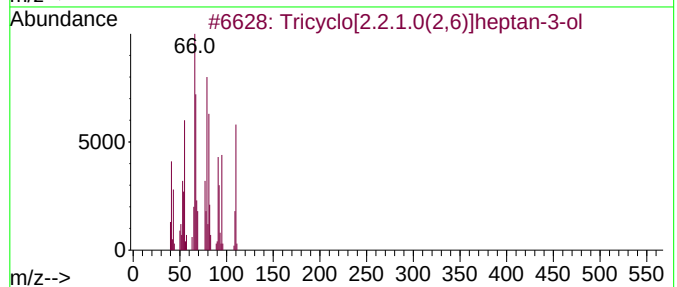
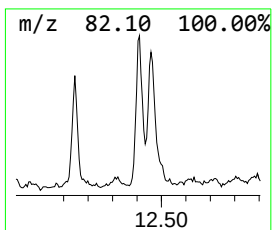
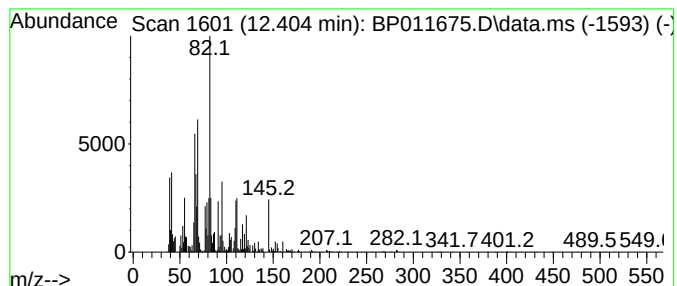
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.404 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.404	2.97 ng	486412	Naphthalene-d8	10.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[2.2.1.0(2,6)]heptan-3-ol	110	C7H10O	000695-04-5	49
2	3,5-Methano-2H-cyclopenta[b]fura...	138	C8H10O2	1010141-72-9	43
3	1,2,4-Metheno-1H-cyclobuta[cd]pe...	148	C10H12O	013351-15-0	38
4	1,2,4-Metheno-1H-cyclobuta[cd]pe...	148	C10H12O	015776-05-3	38
5	6-Fluorobicyclo[2.2.1]hept-2-yl ...	284	C14H17FO3S	1000262-28-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011675.D
Acq On : 09 Sep 2022 21:59
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Sample : N4549-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

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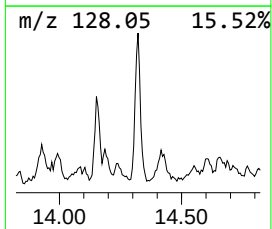
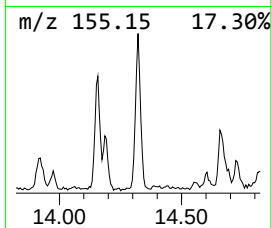
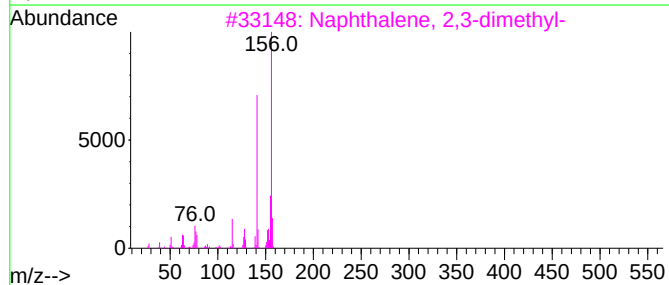
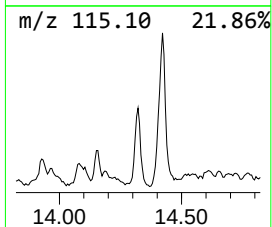
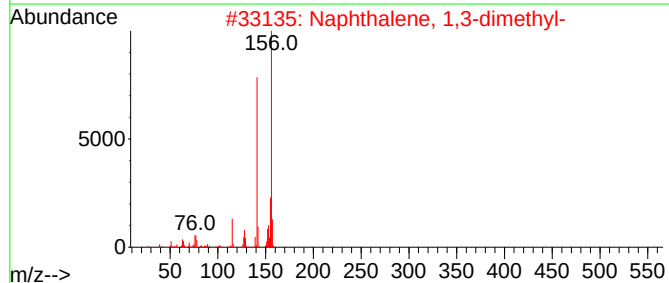
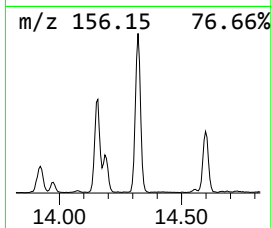
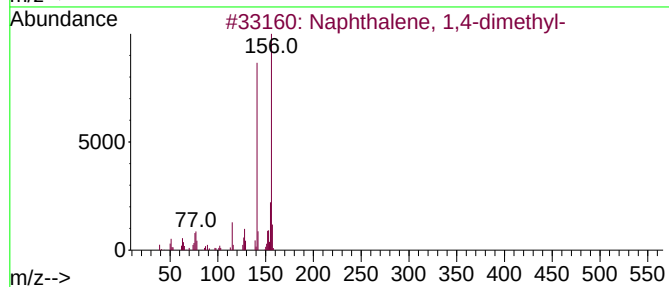
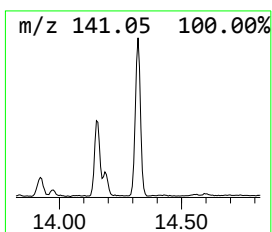
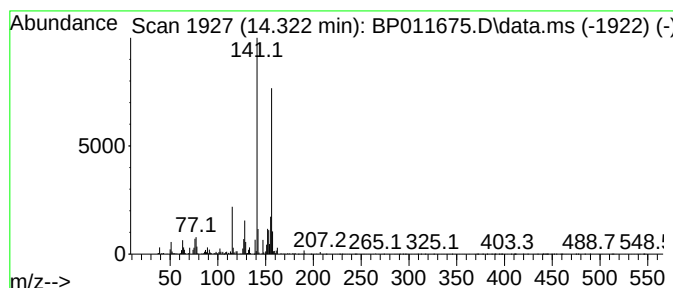
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	4.18 ng	795211	Acenaphthene-d10	14.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011675.D
Acq On : 09 Sep 2022 21:59
Operator : CG/JU
Sample : N4549-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

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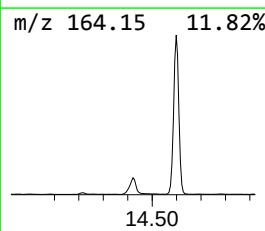
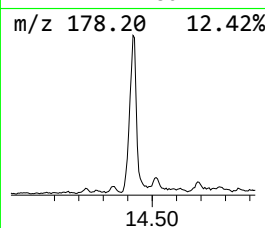
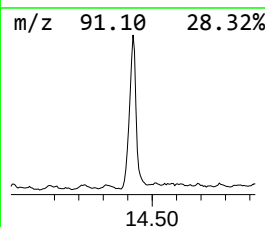
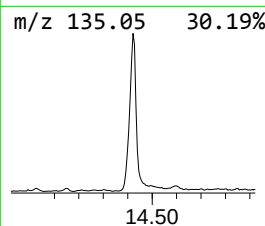
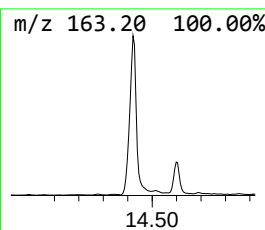
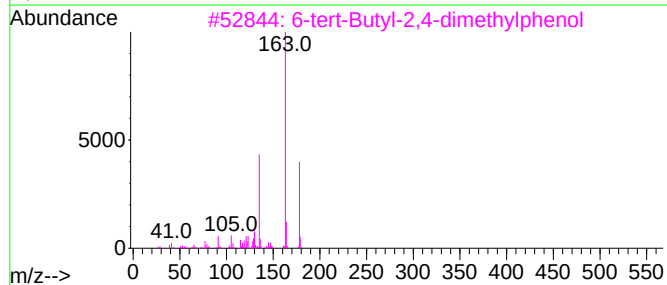
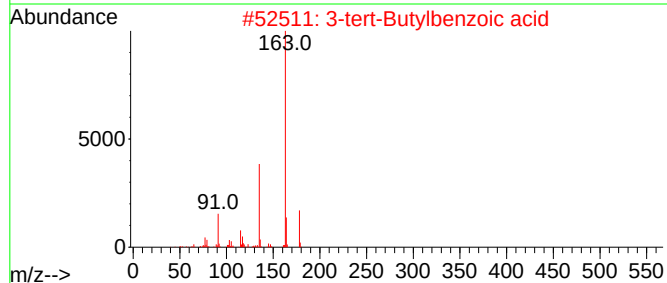
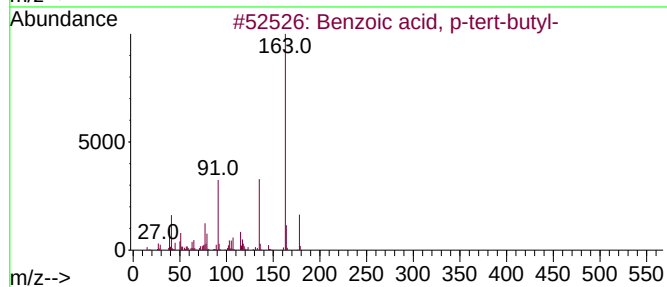
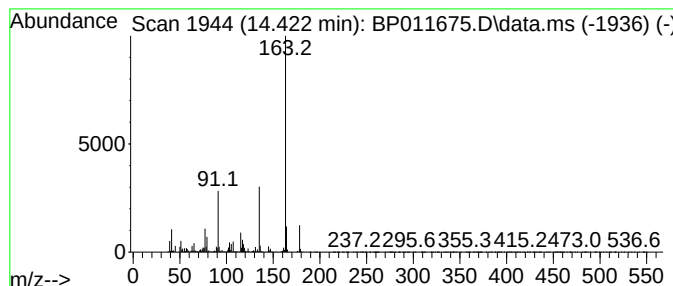
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzoic acid, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	18.58 ng	3533760	Acenaphthene-d10	14.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	94
2			3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	90
3			6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	64
4			Benzaldehyde, 5-(1,1-dimethylethyl)-	178	C11H14O2	002725-53-3	64
5			Benzene, 1-(1,1-dimethylethyl)-2-	178	C12H18O	000088-40-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011675.D
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Operator : CG/JU
Sample : N4549-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

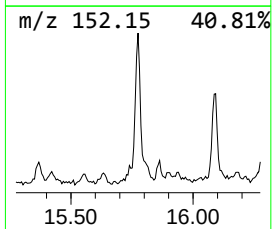
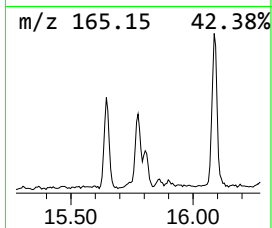
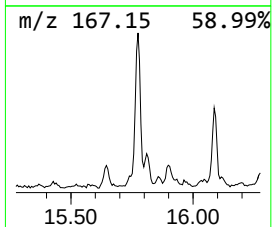
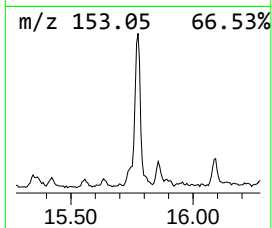
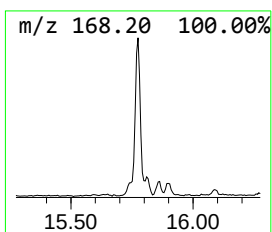
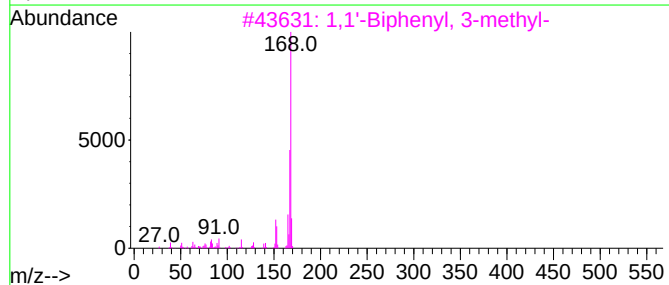
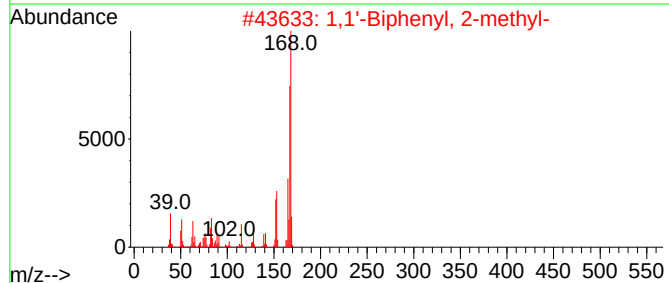
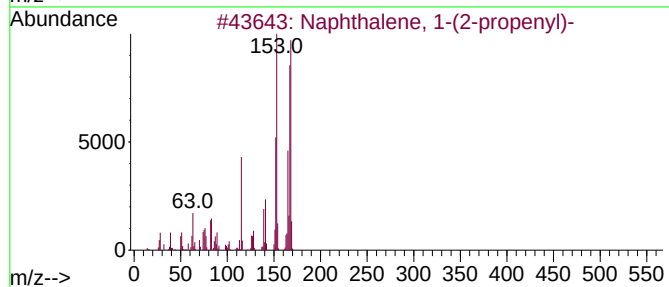
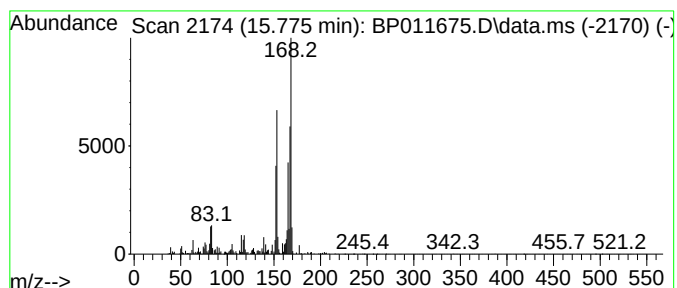
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-(2-propenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.775	3.15 ng	599335	Acenaphthene-d10		14.598	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-		168	C13H12	002489-86-3	70
2	1,1'-Biphenyl, 2-methyl-		168	C13H12	000643-58-3	62
3	1,1'-Biphenyl, 3-methyl-		168	C13H12	000643-93-6	62
4	1-Isopropenylnaphthalene		168	C13H12	001855-47-6	62
5	1,1'-Biphenyl, 4-methyl-		168	C13H12	000644-08-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011675.D
Acq On : 09 Sep 2022 21:59
Operator : CG/JU
Sample : N4549-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

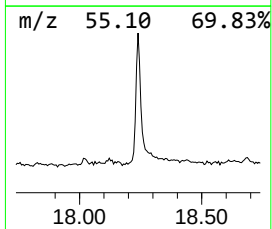
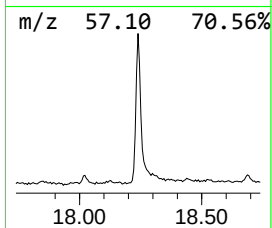
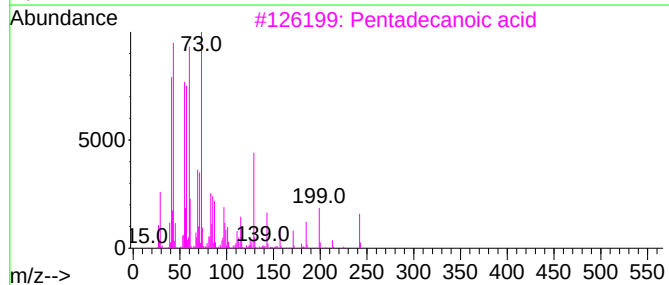
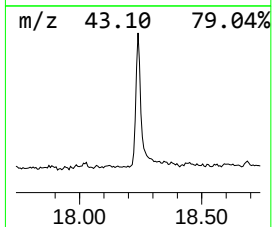
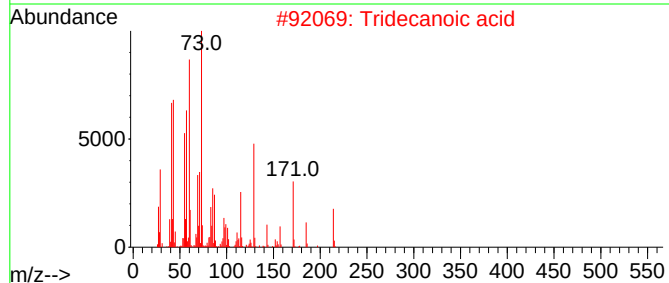
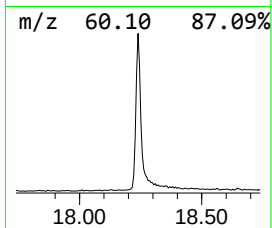
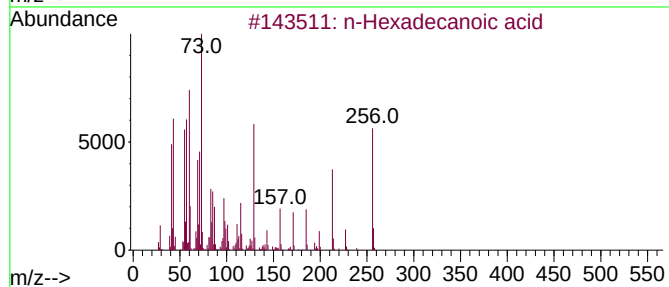
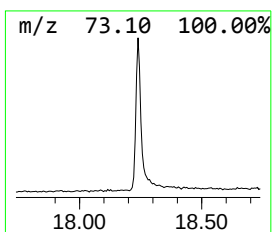
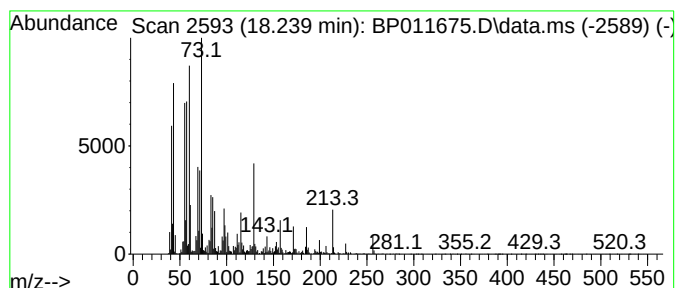
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.239	9.43 ng	2012010	Phenanthrene-d10		17.351	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	91
5	Undecanoic acid		186	C11H22O2	000112-37-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
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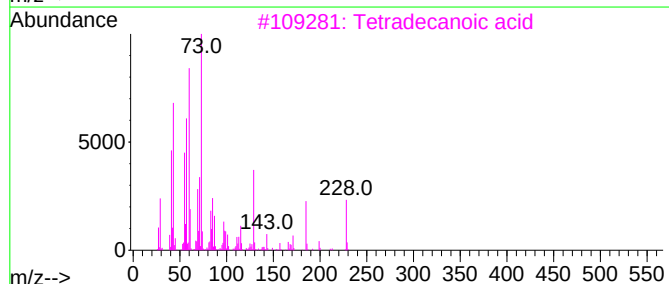
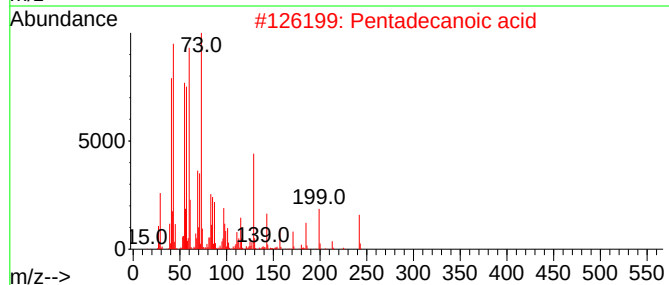
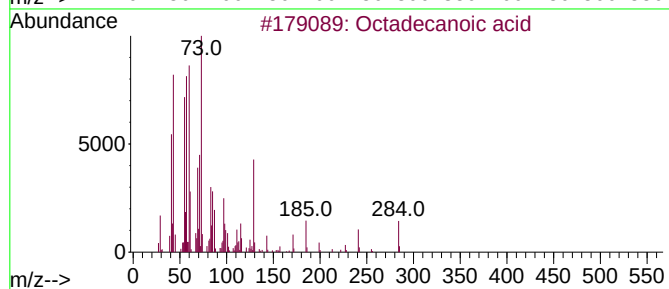
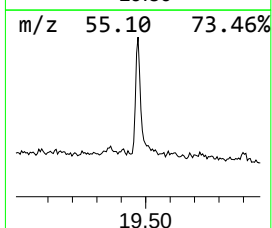
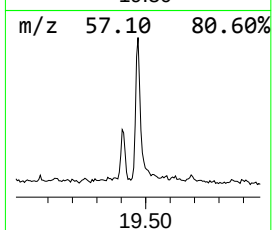
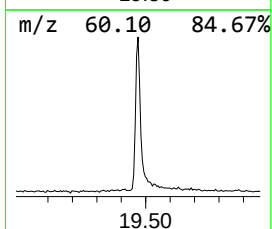
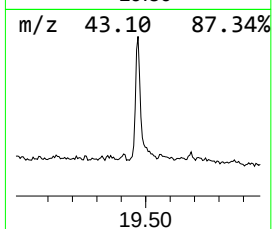
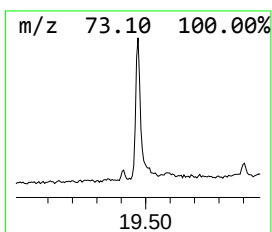
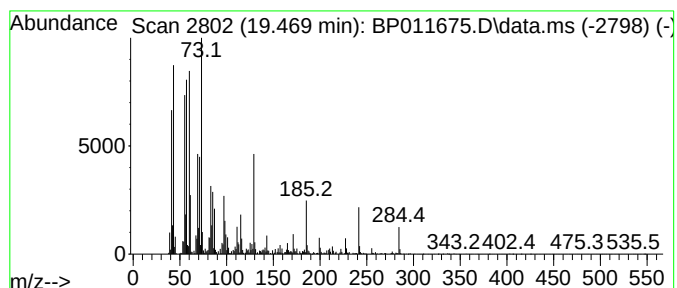
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.469	5.15 ng	1179870	Chrysene-d12	21.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011675.D
Acq On : 09 Sep 2022 21:59
Operator : CG/JU
Sample : N4549-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-58

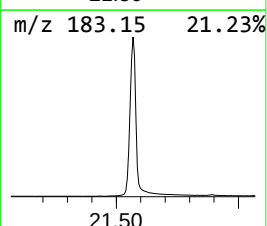
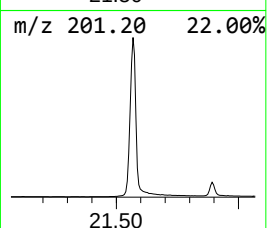
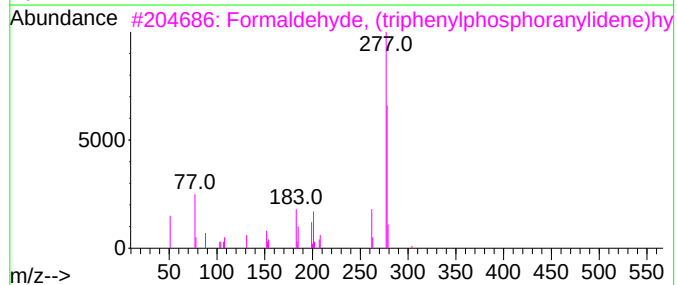
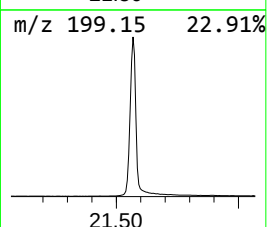
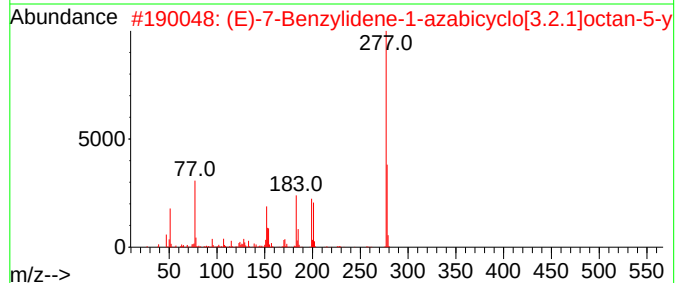
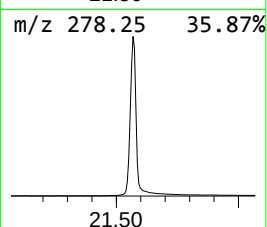
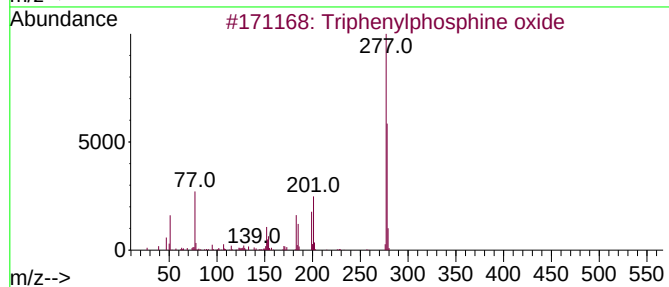
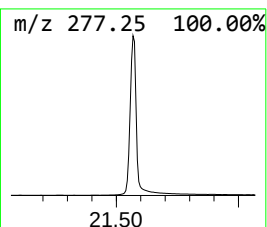
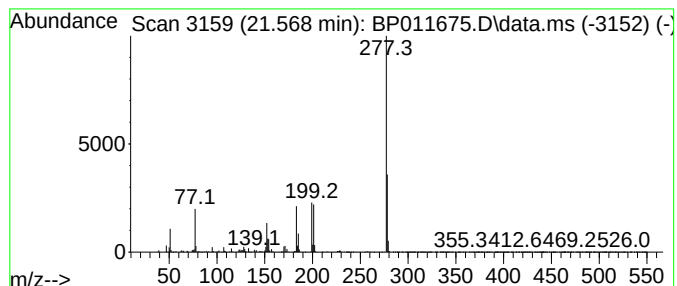
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.569	174.56 ng	40020900	Chrysene-d12	21.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19N03S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
4			5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	25
5			Cobalt, (.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011675.D
Acq On : 09 Sep 2022 21:59
Operator : CG/JU
Sample : N4549-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-58

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.093	152.4	ng	15897500	1	7.957	2085770	20.0
2-Pentanone, 4-...	5.052	4.0	ng	414402	1	7.957	2085770	20.0
Indane	8.334	8.3	ng	866675	1	7.957	2085770	20.0
o-Cymene	9.069	4.1	ng	431589	1	7.957	2085770	20.0
Benzene, 1,2,3,...	9.593	5.0	ng	815787	2	10.769	3275640	20.0
Benzene, 2-ethe...	10.169	3.9	ng	638686	2	10.769	3275640	20.0
unknown12.404	12.404	3.0	ng	486412	2	10.769	3275640	20.0
Naphthalene, 1,...	14.322	4.2	ng	795211	3	14.598	3804480	20.0
Benzoic acid, p...	14.422	18.6	ng	3533760	3	14.598	3804480	20.0
Naphthalene, 1-...	15.775	3.1	ng	599335	3	14.598	3804480	20.0
n-Hexadecanoic ...	18.239	9.4	ng	2012010	4	17.351	4265960	20.0
Octadecanoic acid	19.469	5.2	ng	1179870	5	21.433	4585490	20.0
Triphenylphosph...	21.569	174.6	ng	40020900	5	21.433	4585490	20.0