

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025092.D
 Acq On : 10 Jul 2025 21:08
 Operator : CG/JU
 Sample : Q2523-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0190

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-BP070325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025092.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.096	361	367	383	rVB	1912493	3045235	18.70%	3.776%
2	6.625	616	627	645	rVB	2475532	3894263	23.91%	4.829%
3	7.443	758	766	774	rBV	1608623	2569016	15.77%	3.186%
4	8.572	951	958	966	rVB	2095941	3340971	20.51%	4.143%
5	10.184	1225	1232	1244	rBV	2548771	4766042	29.26%	5.910%
6	10.643	1301	1310	1317	rBV5	262345	839395	5.15%	1.041%
7	11.066	1377	1382	1393	rBV4	355904	909469	5.58%	1.128%
8	11.260	1408	1415	1425	rBV3	1227960	3147160	19.32%	3.903%
9	11.478	1447	1452	1454	rBV2	500076	796274	4.89%	0.987%
10	11.672	1476	1485	1492	rBV5	1385080	3335086	20.48%	4.136%
11	11.760	1495	1500	1503	rBV4	532838	925830	5.68%	1.148%
12	11.895	1520	1523	1530	rVB4	813822	1198824	7.36%	1.487%
13	12.137	1559	1564	1570	rBV3	2015134	3933242	24.15%	4.877%
14	12.366	1599	1603	1605	rBV3	744904	1290582	7.92%	1.600%
15	12.513	1624	1628	1633	rBV4	1407307	2375469	14.58%	2.946%
16	12.648	1646	1651	1653	rBV3	3004818	4984284	30.60%	6.181%
17	12.684	1653	1657	1665	rVB	4751928	9355822	57.44%	11.601%
18	12.901	1692	1694	1698	rBV3	1249834	1732613	10.64%	2.148%
19	13.525	1796	1800	1803	rBV	4926339	7869914	48.32%	9.759%
20	22.636	3345	3349	3356	rVB	9027159	16288202	100.00%	20.198%
21	24.495	3659	3665	3666	rBV2	2846668	4045915	24.84%	5.017%

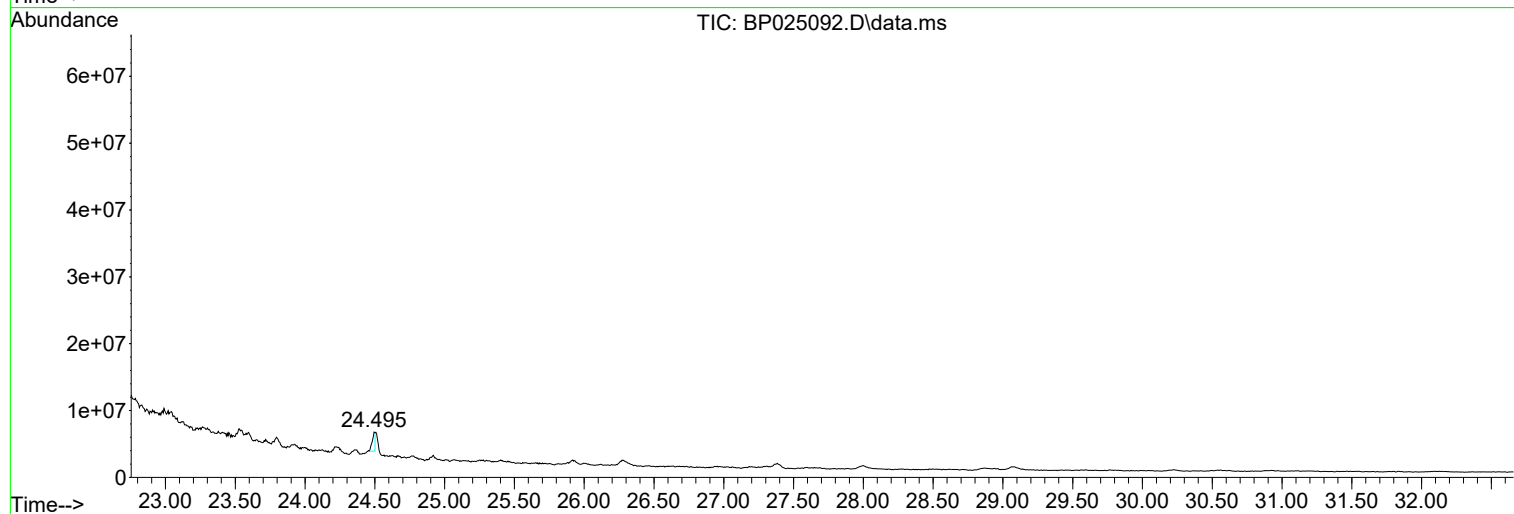
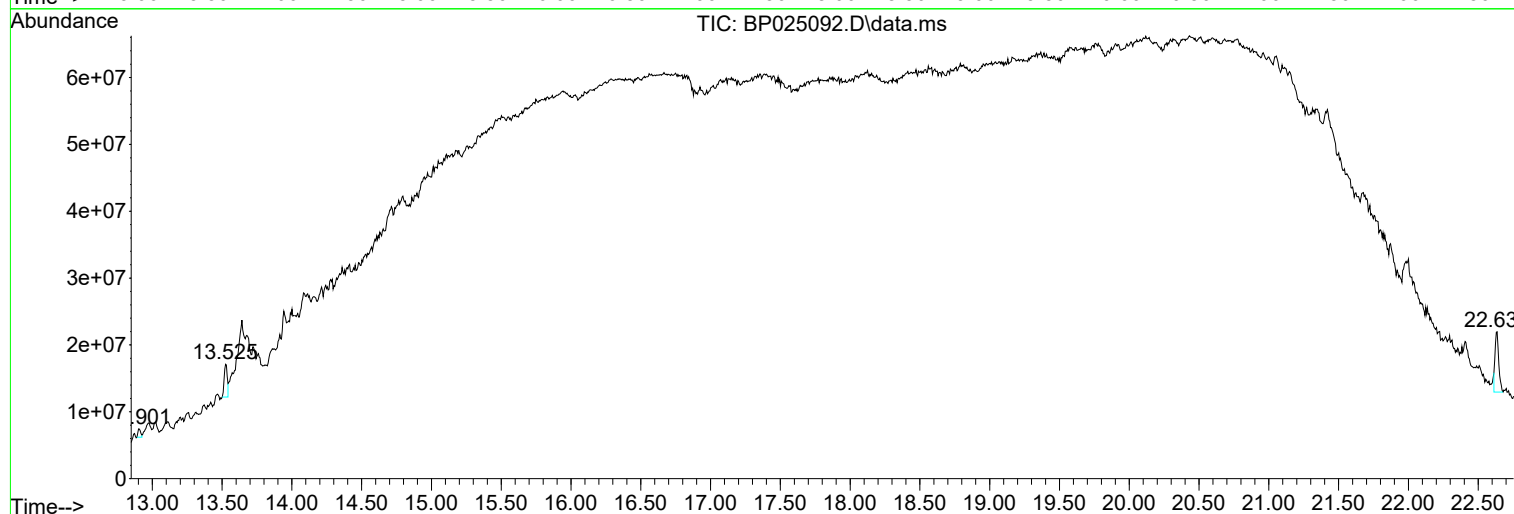
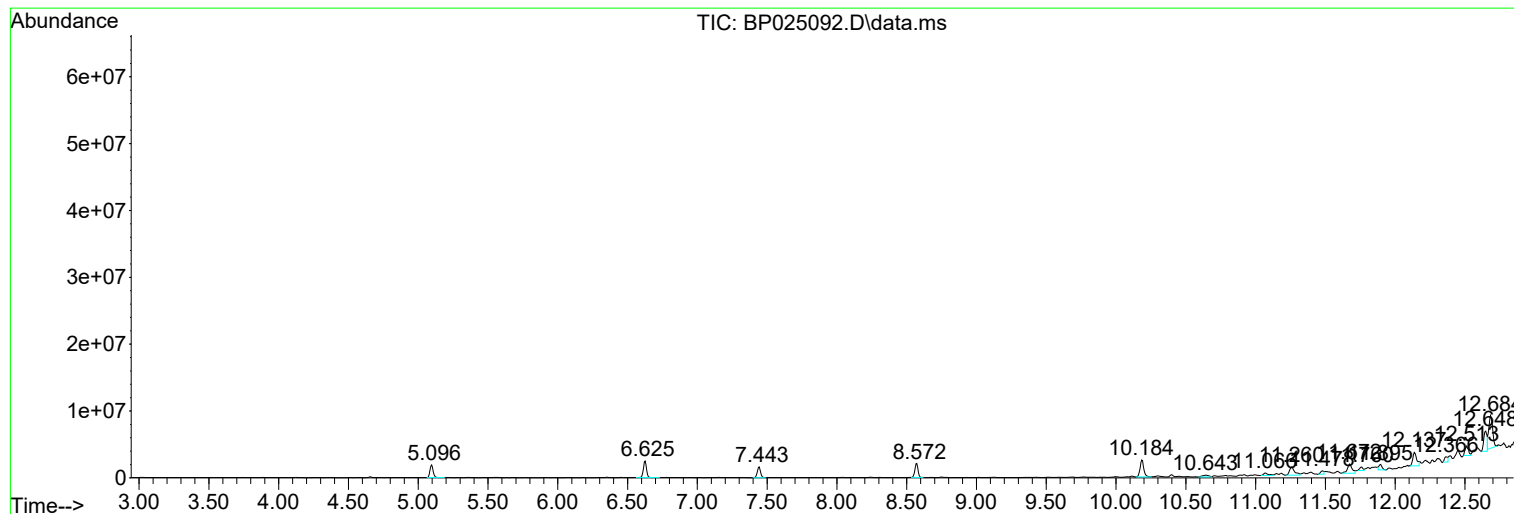
Sum of corrected areas: 80643608

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

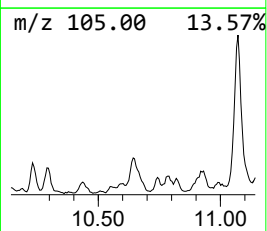
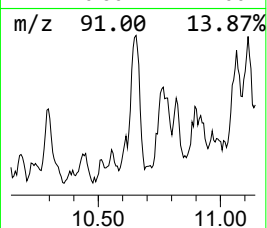
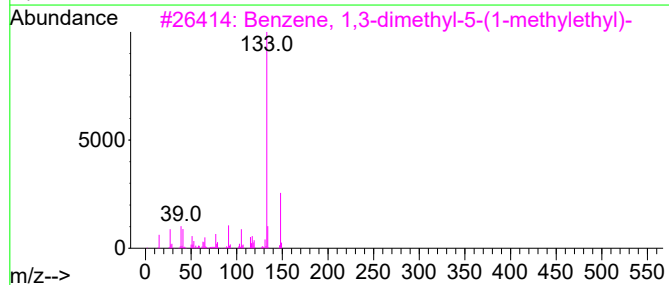
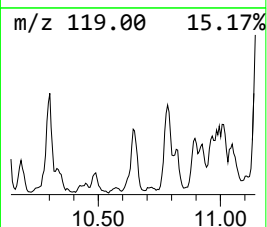
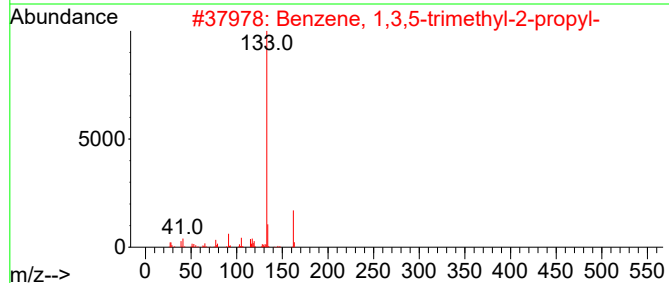
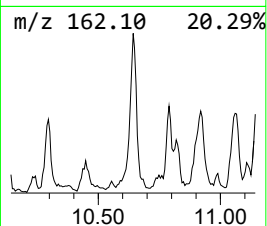
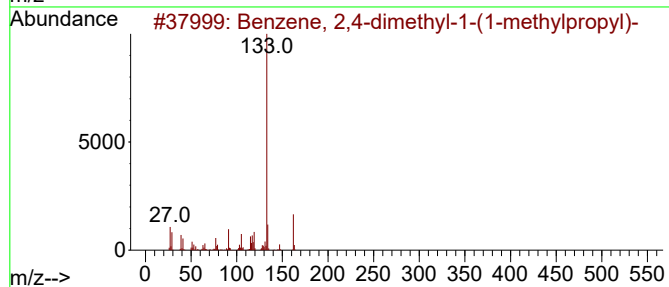
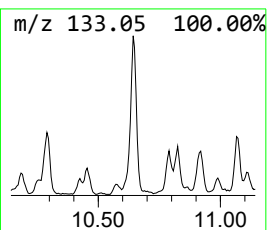
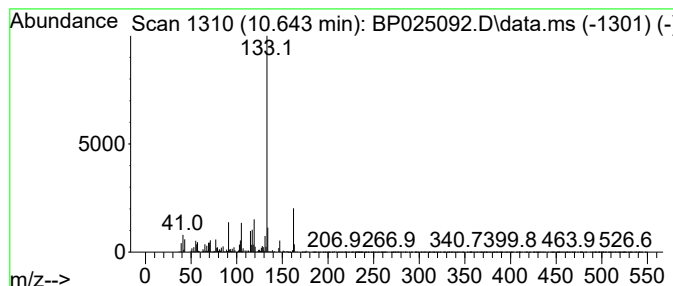
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.643	3.52 ng	839395	Naphthalene-d8	10.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	90
2			Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	90
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
5			Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

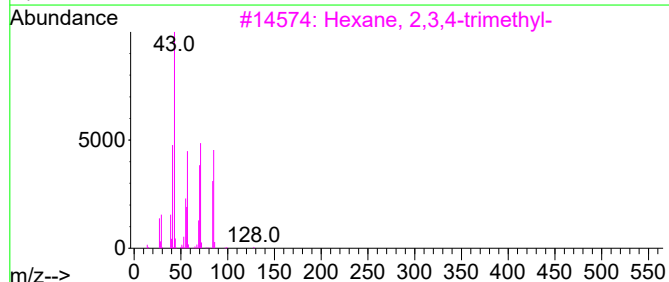
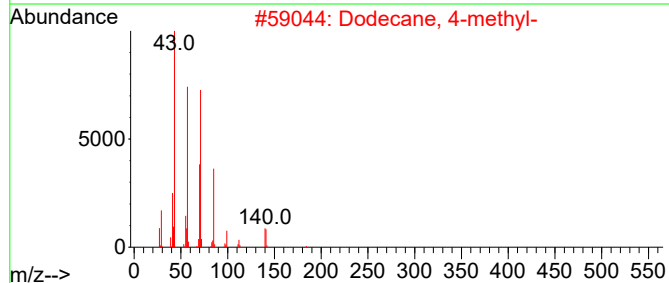
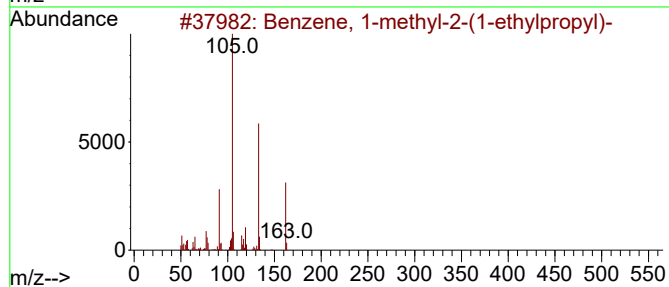
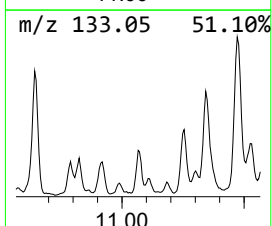
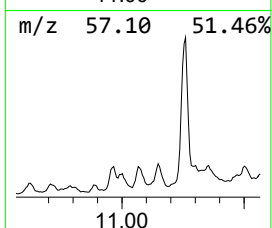
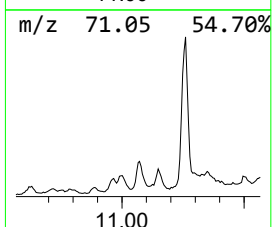
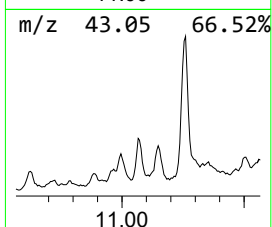
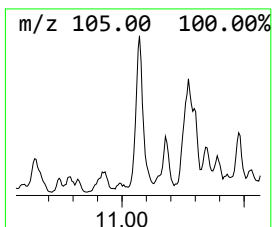
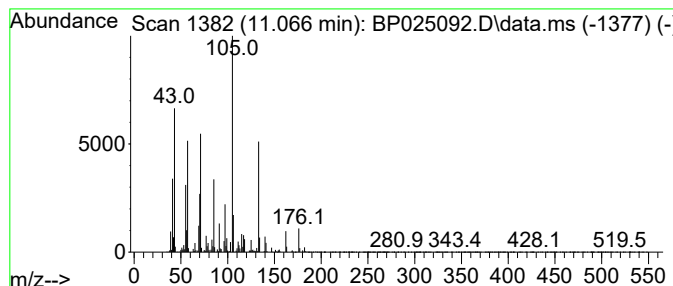
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown11.066 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.066	3.82 ng	909469	Naphthalene-d8	10.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	27
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	22
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	20
4			1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	18
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

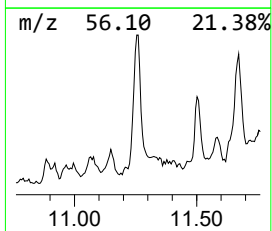
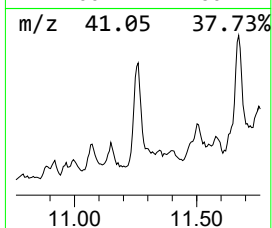
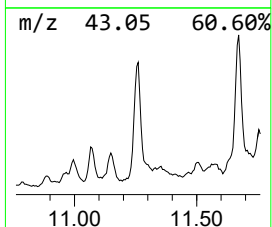
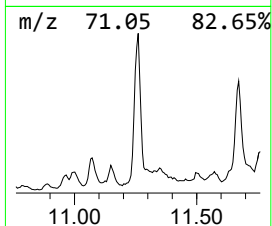
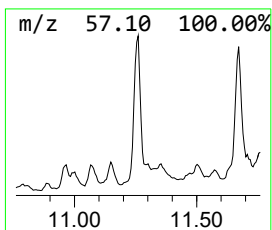
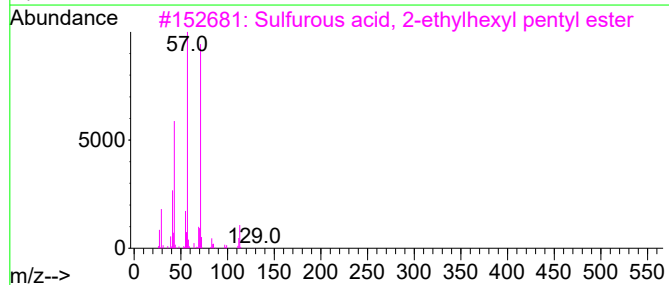
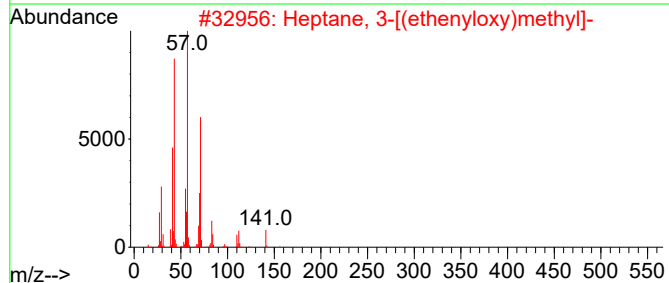
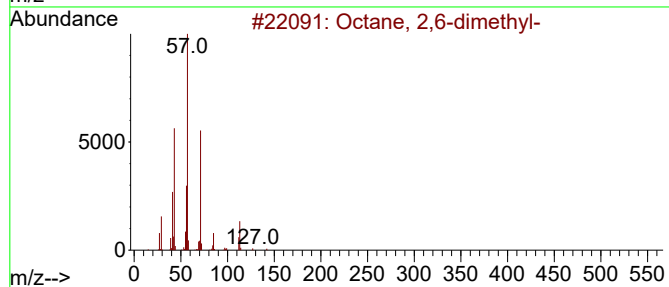
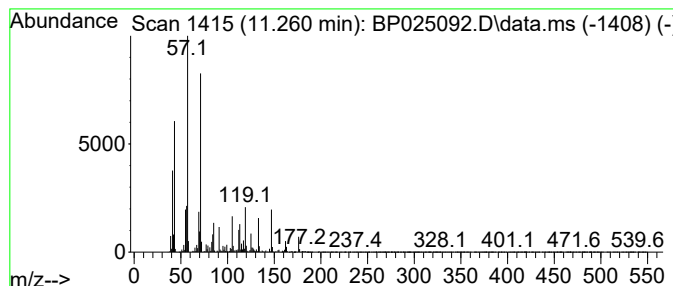
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.260	13.21 ng	3147160	Naphthalene-d8	10.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
2			Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	50
3			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47
4			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	47
5			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

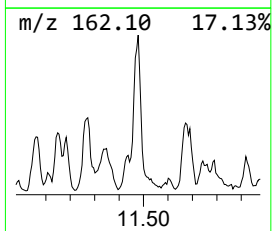
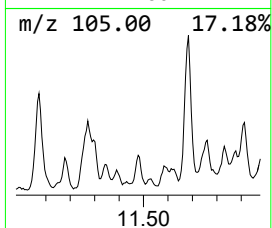
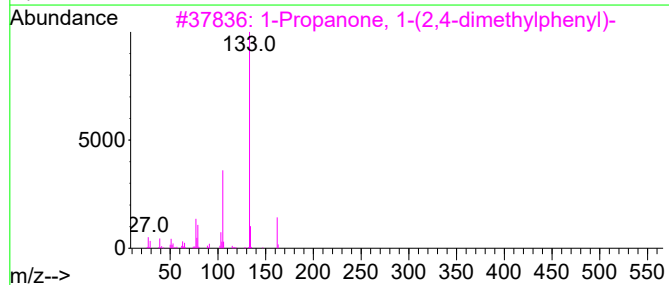
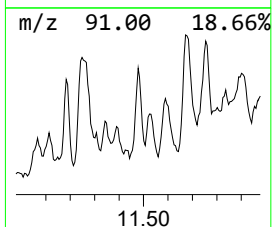
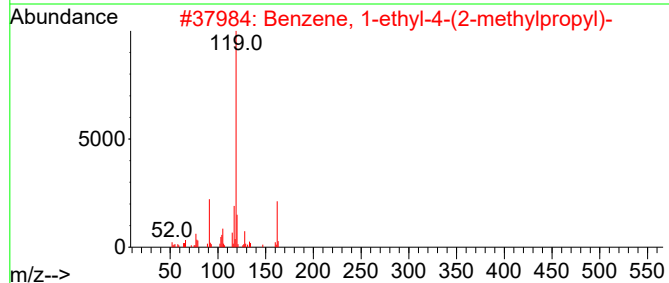
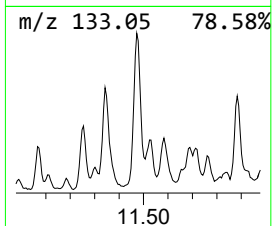
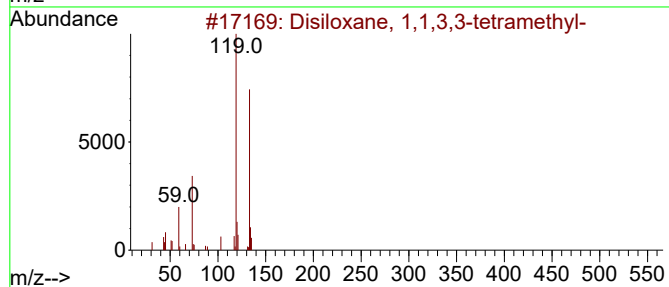
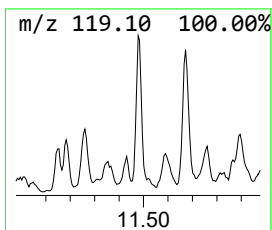
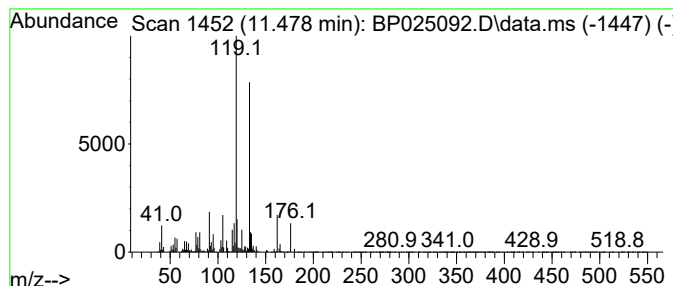
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Disiloxane, 1,1,3,3-tetrame... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.478	3.34 ng	796274	Naphthalene-d8	10.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	74
2			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	43
3			1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	42
4			2'-Ethylpropiophenone	162	C11H14O	016819-79-7	42
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

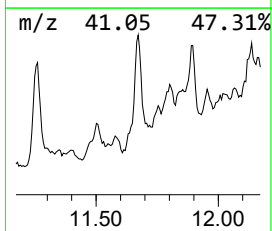
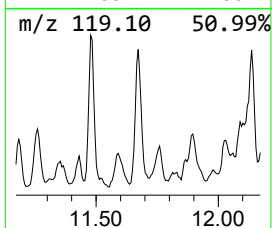
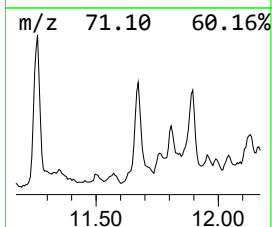
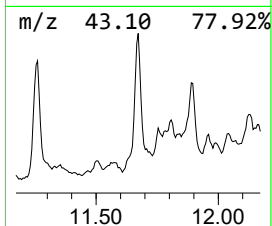
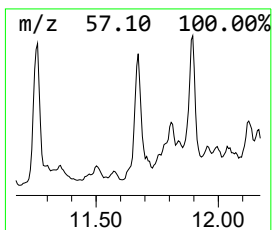
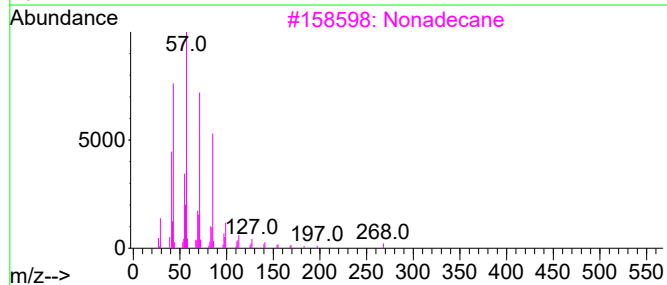
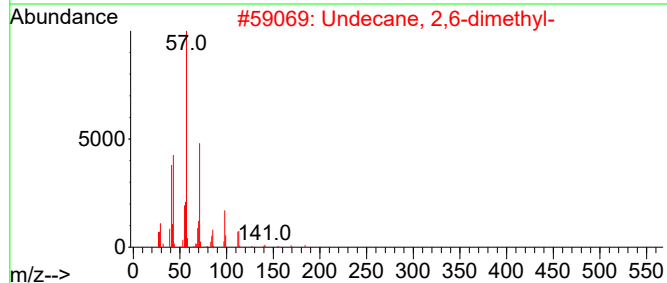
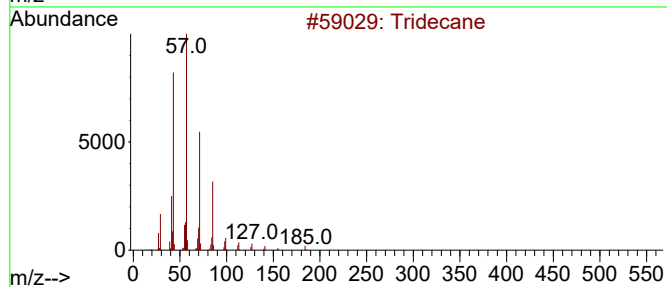
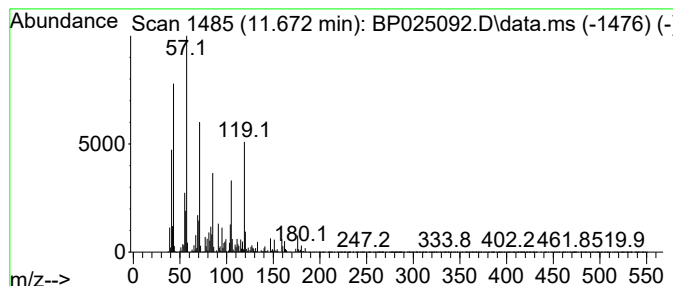
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.672	14.00 ng	3335090	Naphthalene-d8	10.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	86
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	46
3			Nonadecane	268	C19H40	000629-92-5	45
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	43
5			Nonane	128	C9H20	000111-84-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

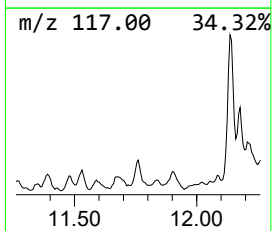
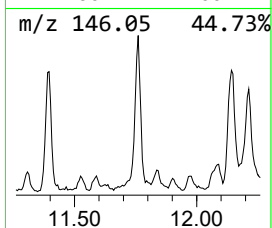
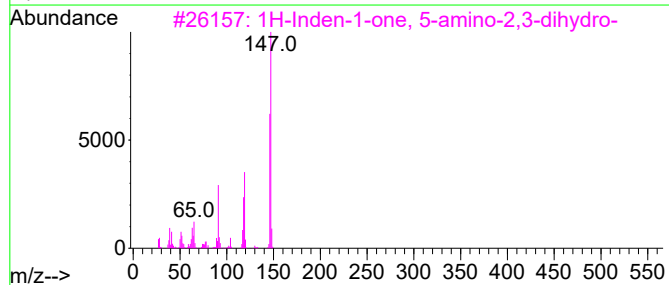
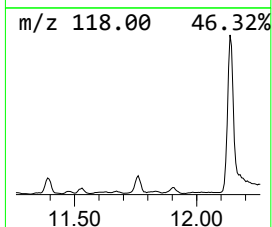
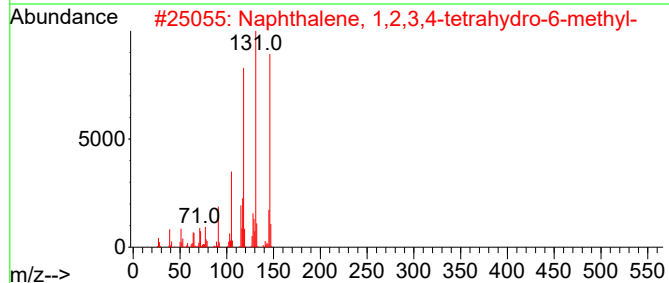
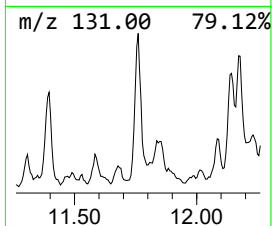
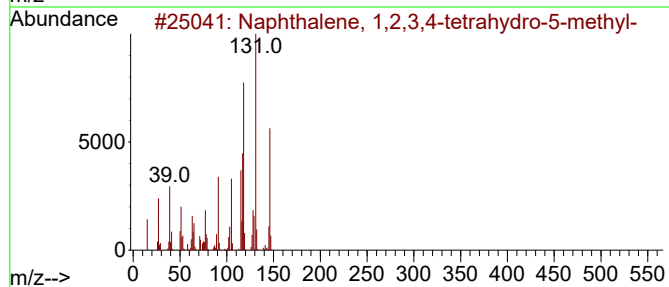
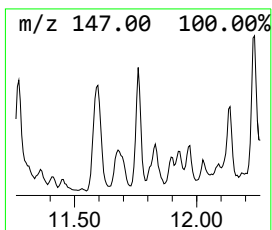
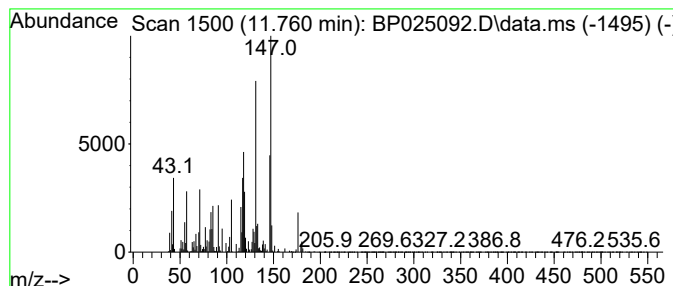
Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.760	3.89 ng	925830	Naphthalene-d8	10.184	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
3	1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	43
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	42
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

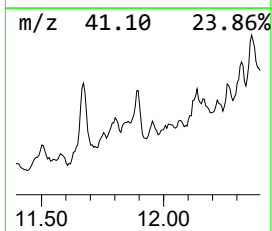
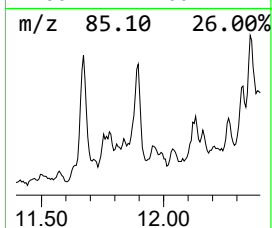
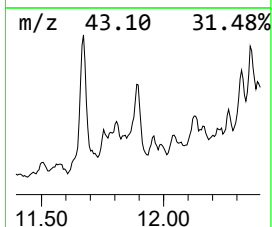
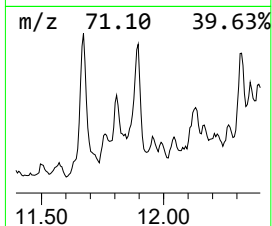
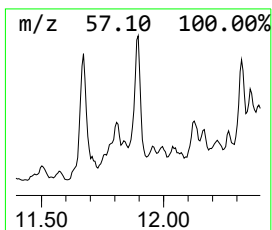
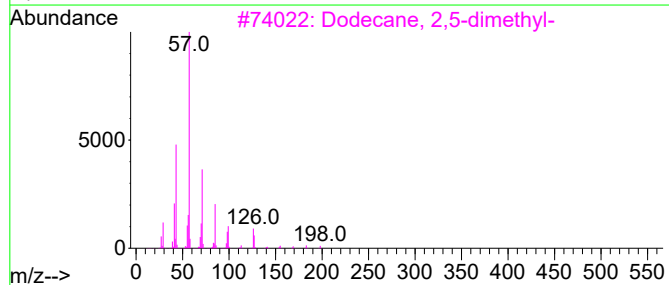
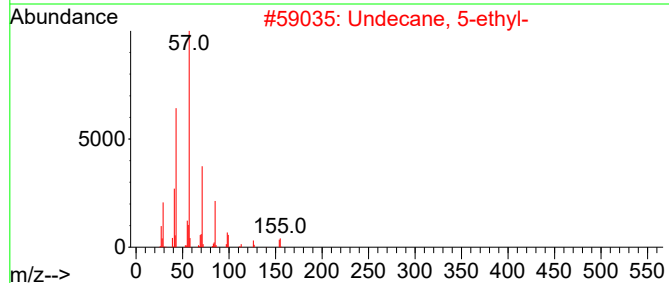
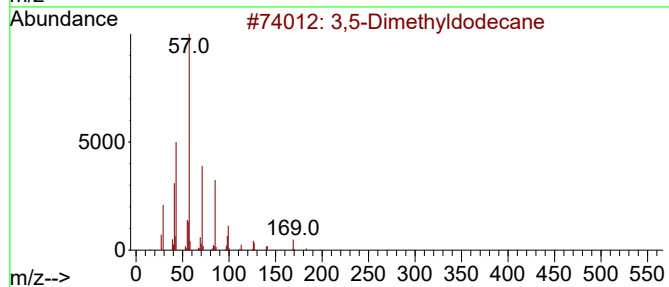
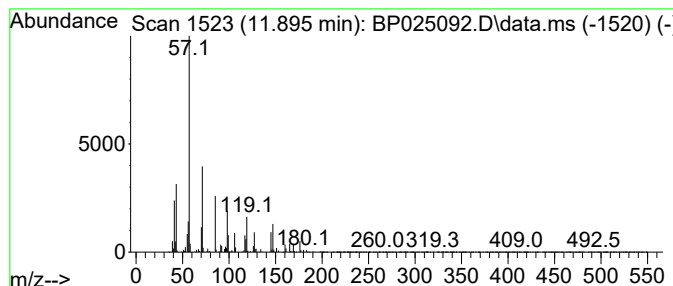
Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3,5-Dimethyldodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.896	5.03 ng	1198820	Naphthalene-d8	10.184	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	50
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	47
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

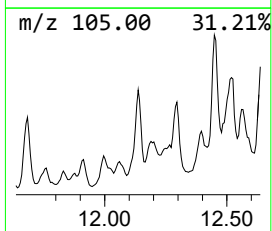
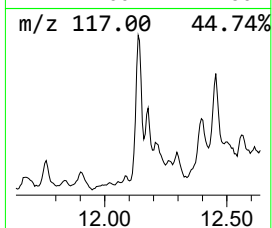
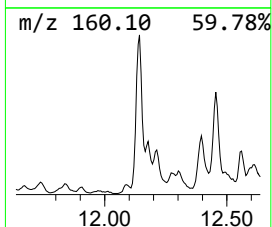
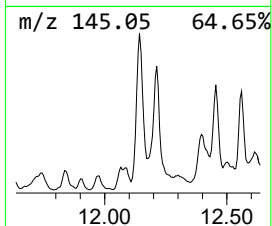
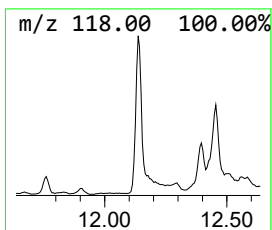
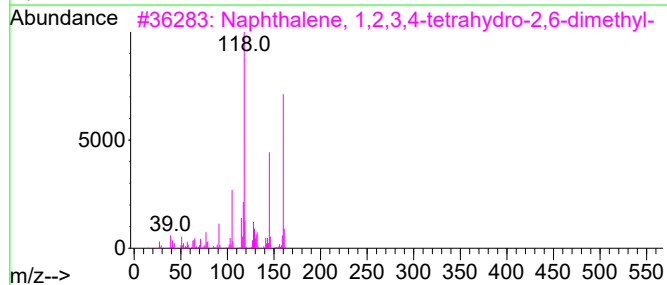
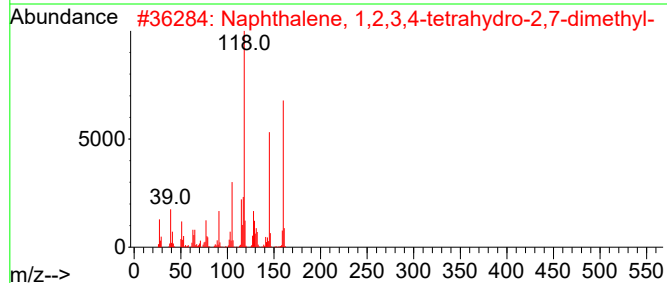
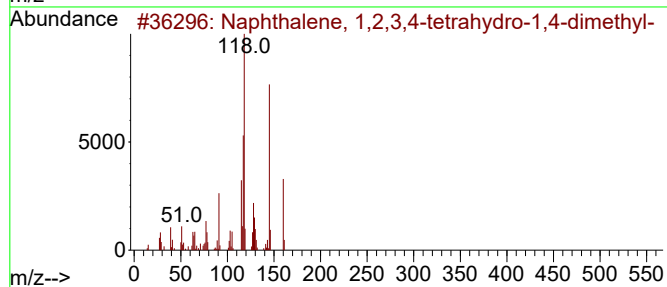
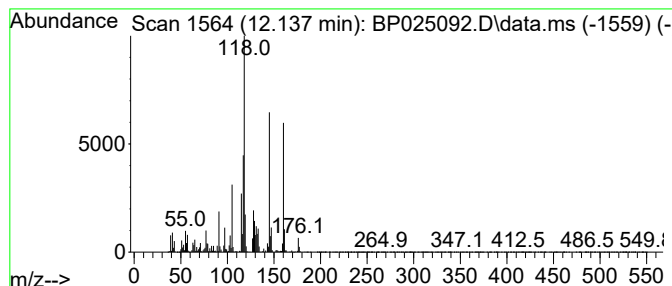
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.137	16.51 ng	3933240	Naphthalene-d8	10.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
4			1(2H)-Naphthalenone, 3,4-dihydro-...	160	C11H12O	014944-23-1	62
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

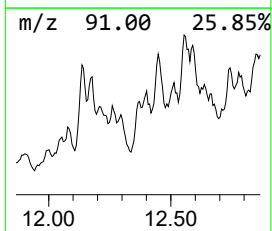
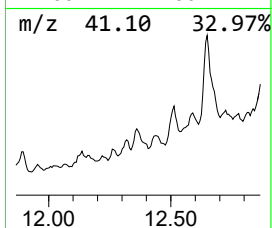
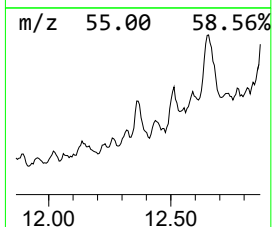
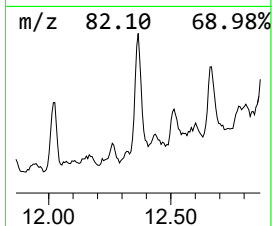
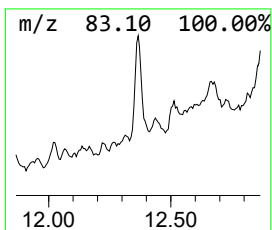
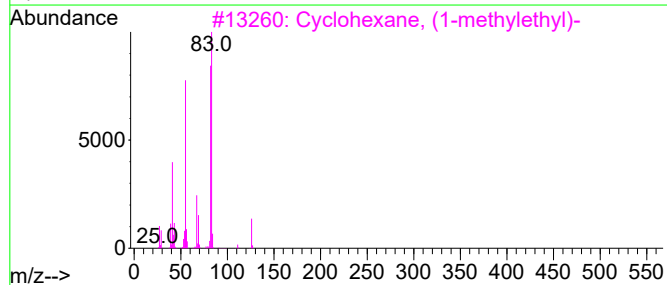
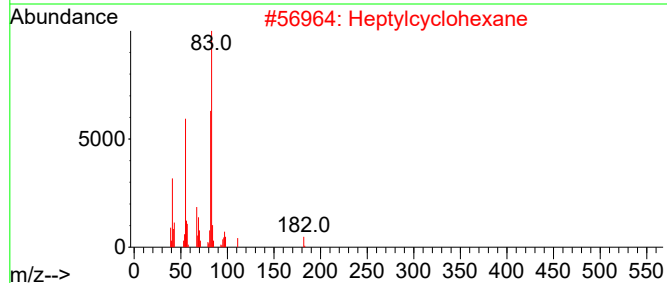
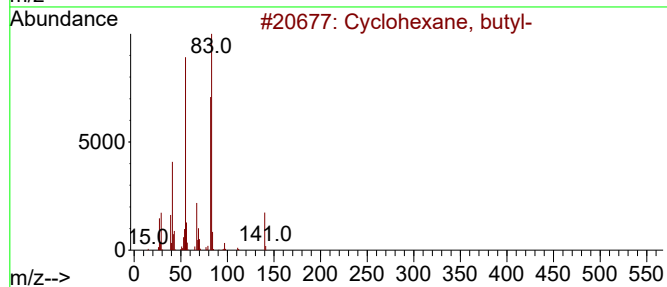
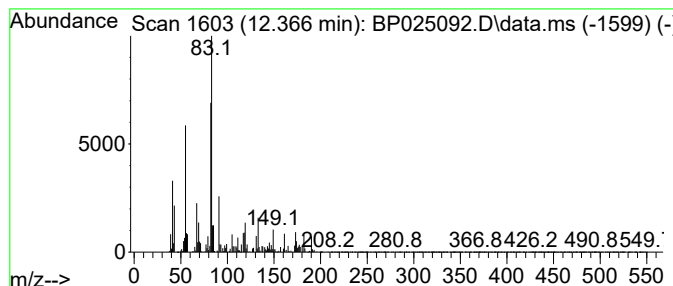
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.366	3.28 ng	1290580	Acenaphthene-d10	14.089

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	70
2			Heptylcyclohexane	182	C13H26	005617-41-4	58
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

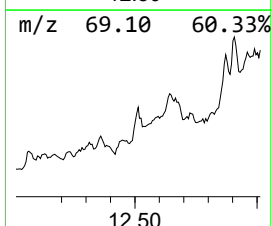
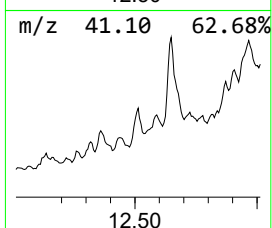
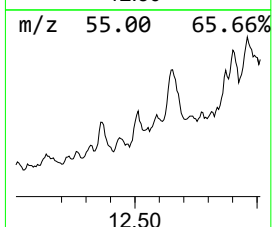
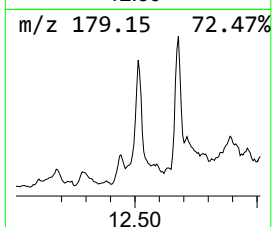
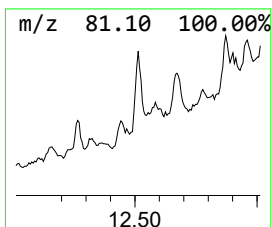
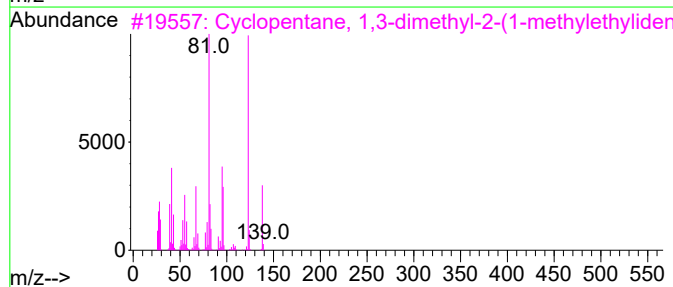
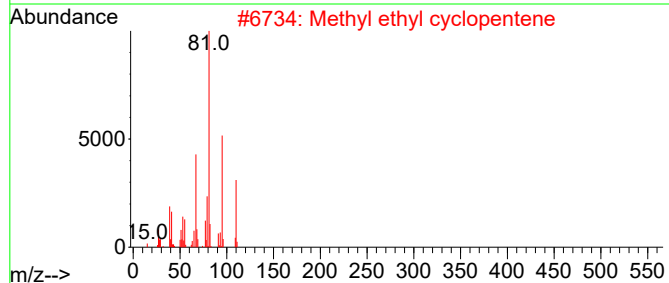
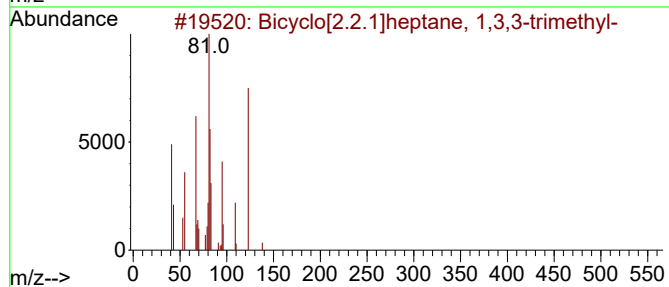
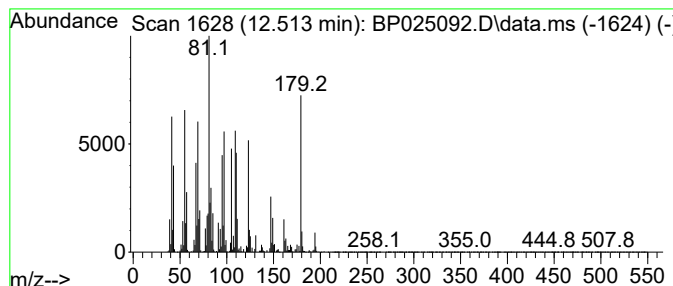
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Bicyclo[2.2.1]heptane, 1,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.513	6.04 ng	2375470	Acenaphthene-d10	14.089

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	55
2		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	45
3		Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	38
4		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
5		Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

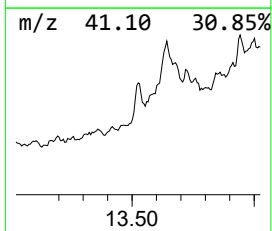
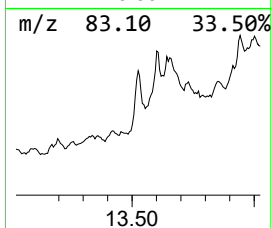
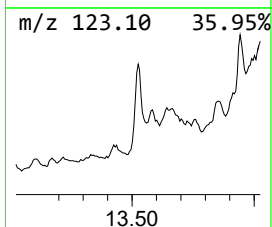
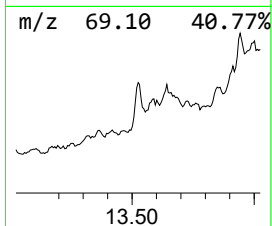
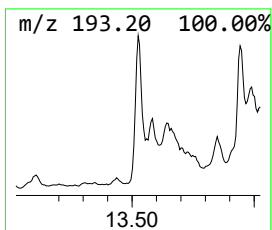
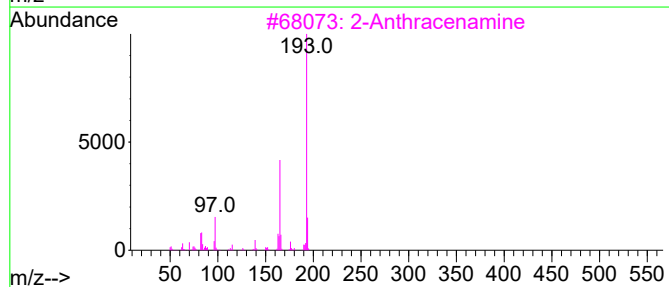
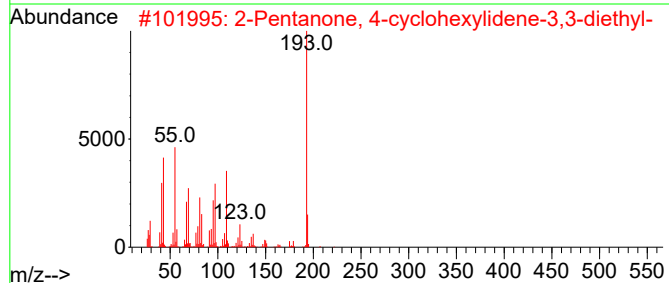
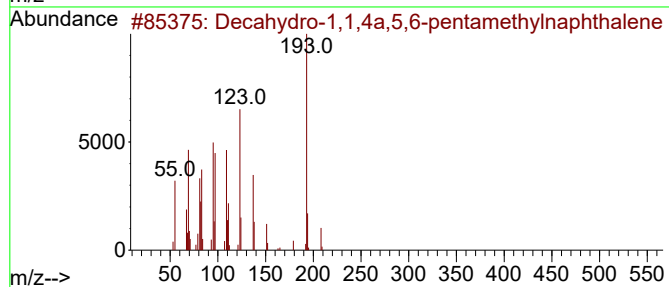
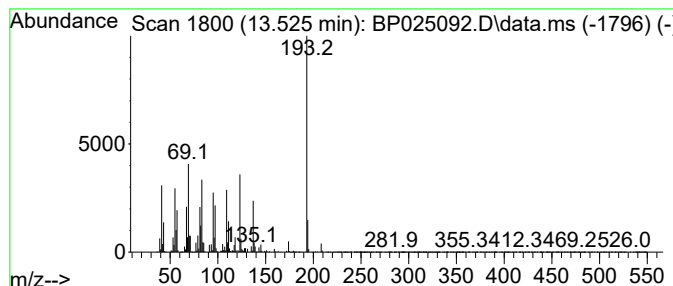
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.525 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.525	20.00 ng	7869910	Acenaphthene-d10	14.089

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	43
2			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	42
3			2-Anthracenamine	193	C14H11N	000613-13-8	38
4			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
5			9-Phenanthrenamine	193	C14H11N	000947-73-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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
Benzene, 2,4-di...	10.643	3.5	ng	839395	2	10.184	4766040	20.0
unknown11.066	11.066	3.8	ng	909469	2	10.184	4766040	20.0
Octane, 2,6-dim...	11.260	13.2	ng	3147160	2	10.184	4766040	20.0
Disiloxane, 1,1...	11.478	3.3	ng	796274	2	10.184	4766040	20.0
Tridecane	11.672	14.0	ng	3335090	2	10.184	4766040	20.0
Naphthalene, 1,...	11.760	3.9	ng	925830	2	10.184	4766040	20.0
3,5-Dimethyldod...	11.896	5.0	ng	1198820	2	10.184	4766040	20.0
Naphthalene, 1,...	12.137	16.5	ng	3933240	2	10.184	4766040	20.0
Cyclohexane, bu...	12.366	3.3	ng	1290580	3	14.089	7869910	20.0
Bicyclo[2.2.1]h...	12.513	6.0	ng	2375470	3	14.089	7869910	20.0
unknown13.525	13.525	20.0	ng	7869910	3	14.089	7869910	20.0