

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143502.D
 Acq On : 21 Aug 2025 00:00
 Operator : RC/JU
 Sample : Q2815-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-22M-S

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143502.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	4	12	22	rVB	2042099	3303875	100.00%	9.161%
2	5.151	496	503	518	rBV	216933	335618	10.16%	0.931%
3	5.563	567	573	585	rBV	1389317	1848340	55.94%	5.125%
4	6.469	723	727	734	rVB2	24059	35894	1.09%	0.100%
5	6.557	737	742	749	rBV	1250058	1643523	49.75%	4.557%
6	6.928	800	805	811	rVB	642123	860214	26.04%	2.385%
7	7.198	847	851	856	rVB2	57098	78172	2.37%	0.217%
8	7.322	866	872	875	rBV7	33530	64923	1.97%	0.180%
9	7.351	875	877	883	rVB2	33562	50295	1.52%	0.139%
10	7.481	889	899	910	rBV	1160603	1770670	53.59%	4.910%
11	7.569	910	914	918	rVB3	68478	102058	3.09%	0.283%
12	7.628	918	924	928	rBV3	50372	109351	3.31%	0.303%
13	7.704	934	937	939	rBV	52369	58845	1.78%	0.163%
14	7.734	939	942	949	rVB3	83986	126516	3.83%	0.351%
15	7.804	950	954	958	rBV4	44885	74391	2.25%	0.206%
16	7.851	958	962	965	rBV2	100595	119291	3.61%	0.331%
17	7.963	977	981	985	rBV3	49614	89932	2.72%	0.249%
18	8.034	990	993	997	rVB4	42624	57258	1.73%	0.159%
19	8.087	998	1002	1005	rBV2	84855	142401	4.31%	0.395%
20	8.210	1017	1023	1027	rBV	770276	1072676	32.47%	2.974%
21	8.269	1029	1033	1036	rVB	266504	298795	9.04%	0.828%
22	8.298	1036	1038	1045	rVB5	89338	154865	4.69%	0.429%
23	8.386	1046	1053	1055	rBV4	75347	168199	5.09%	0.466%
24	8.416	1055	1058	1065	rVB3	150139	224655	6.80%	0.623%
25	8.498	1069	1072	1078	rVB4	94474	156047	4.72%	0.433%
26	8.557	1079	1082	1084	rBV3	66725	84172	2.55%	0.233%
27	8.628	1090	1094	1105	rVB	610705	1121999	33.96%	3.111%
28	8.716	1106	1109	1111	rBV	88349	100240	3.03%	0.278%
29	8.751	1112	1115	1119	rBV2	164329	245032	7.42%	0.679%
30	8.957	1147	1150	1153	rBV4	124058	152784	4.62%	0.424%
31	9.086	1169	1172	1175	rBV5	145134	224134	6.78%	0.621%
32	9.204	1189	1192	1193	rBV	178780	182434	5.52%	0.506%
33	9.228	1193	1196	1201	rVV	794496	1010148	30.57%	2.801%
34	9.281	1201	1205	1210	rVV	2080929	2584246	78.22%	7.166%
35	9.369	1215	1220	1224	rBV	836825	1271234	38.48%	3.525%
36	9.686	1269	1274	1280	rBV2	1438594	2263388	68.51%	6.276%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	9.839	1296	1300	1302	rBV	324550	504473	15.27%	1.399%
38	9.963	1318	1321	1325	rVB	870314	1167841	35.35%	3.238%
39	10.222	1362	1365	1372	rVB2	338769	521739	15.79%	1.447%
40	10.380	1389	1392	1396	rBV3	216501	278057	8.42%	0.771%
41	10.616	1428	1432	1437	rVB	934772	1288735	39.01%	3.573%
42	10.675	1439	1442	1446	rVB	413521	493651	14.94%	1.369%
43	10.757	1452	1456	1462	rVB	887185	1100420	33.31%	3.051%
44	10.880	1473	1477	1485	rVB	1810185	2631769	79.66%	7.297%
45	11.345	1552	1556	1562	rVB	1028038	1502117	45.47%	4.165%
46	11.457	1571	1575	1579	rBV	629280	804903	24.36%	2.232%
47	11.698	1613	1616	1620	rVB2	274453	351586	10.64%	0.975%
48	13.033	1839	1843	1852	rVB	1370489	1804778	54.63%	5.004%
49	14.092	2019	2023	2036	rVB	417865	588874	17.82%	1.633%
50	14.551	2098	2101	2106	rVB	28904	36234	1.10%	0.100%
51	14.945	2165	2168	2176	rVB	22722	33537	1.02%	0.093%
52	15.215	2210	2214	2220	rVB	30755	49023	1.48%	0.136%
53	15.592	2272	2278	2289	rBV	444777	720319	21.80%	1.997%

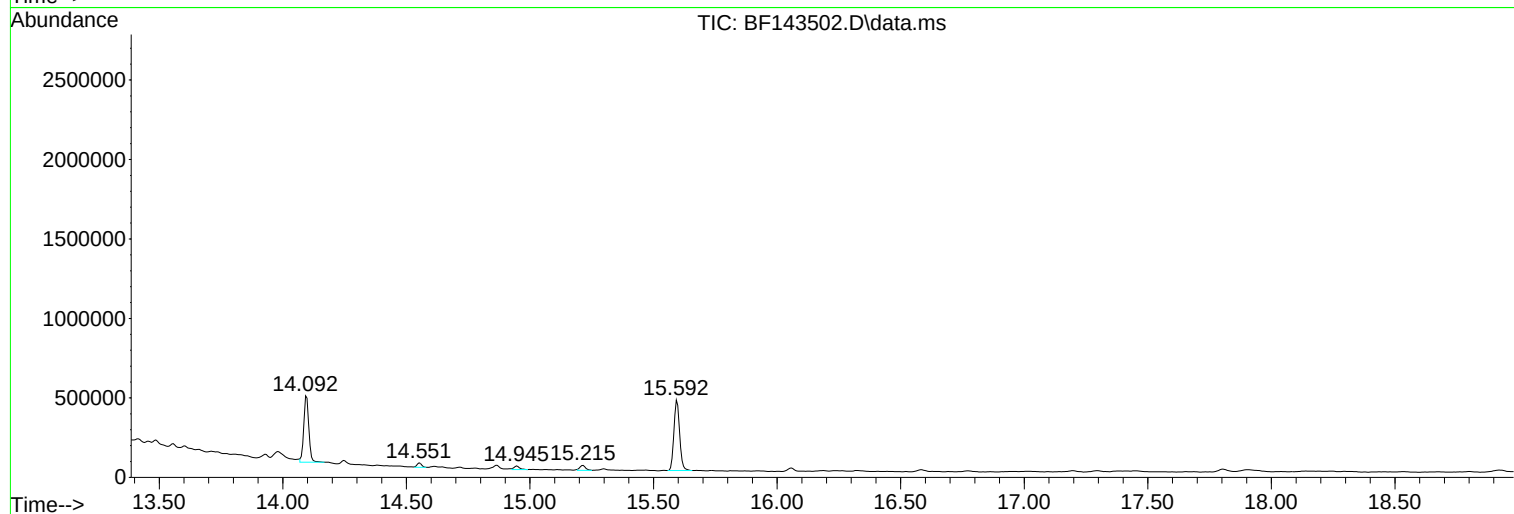
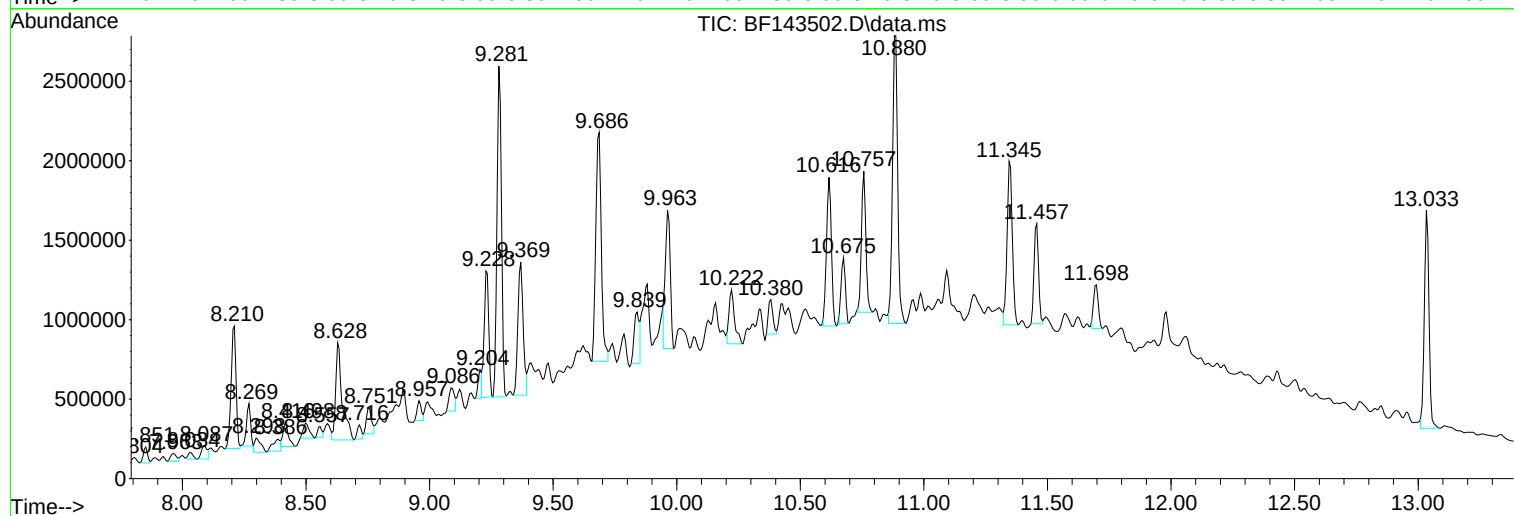
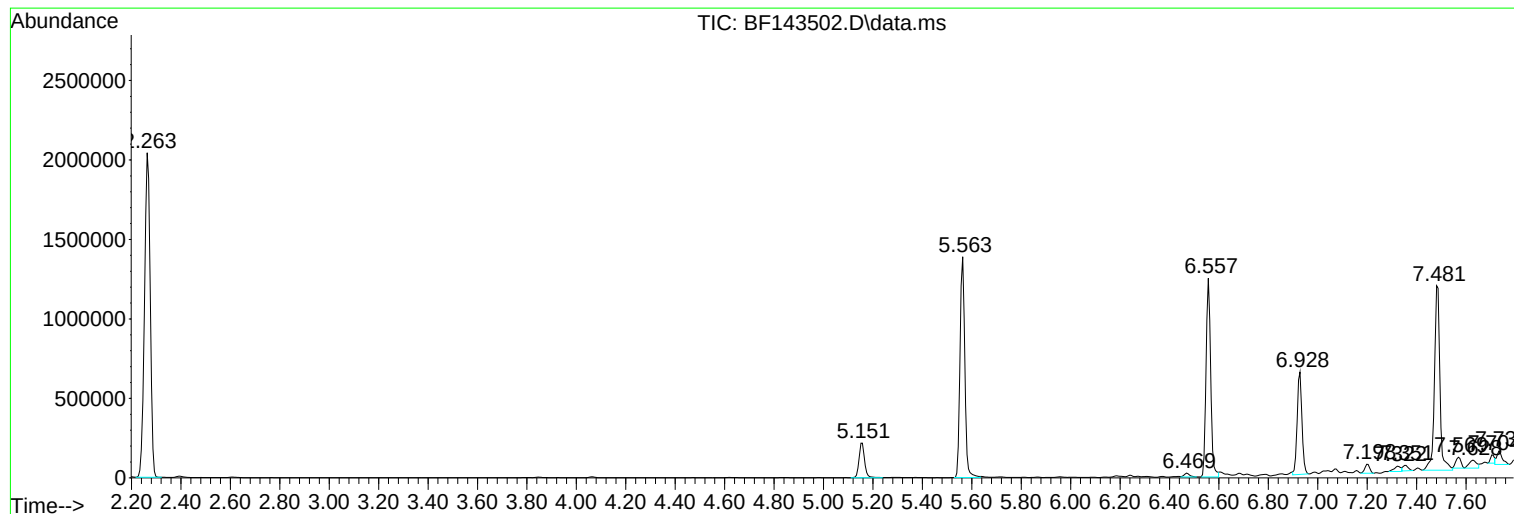
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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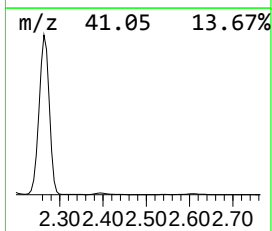
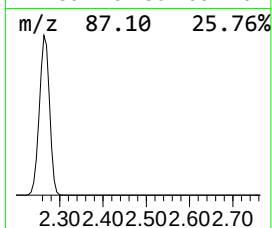
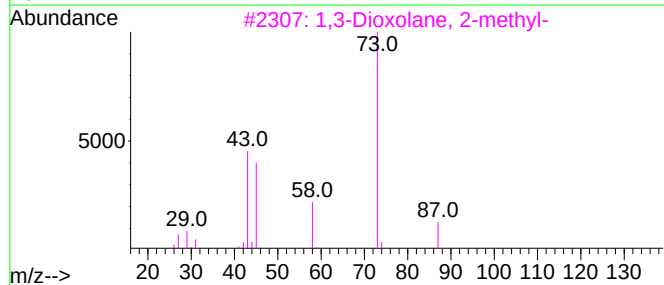
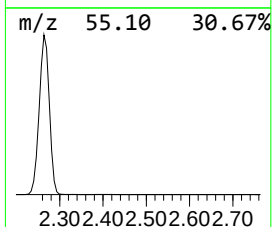
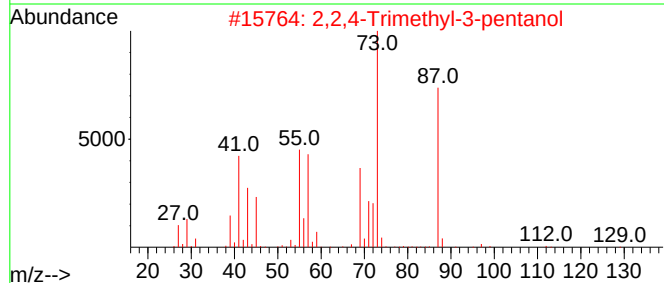
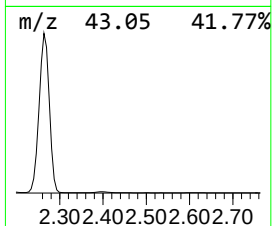
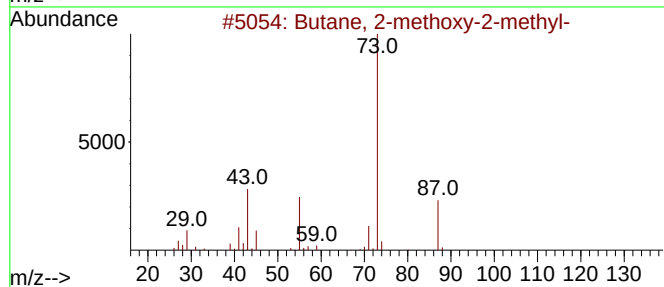
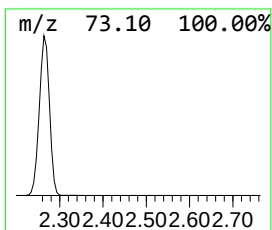
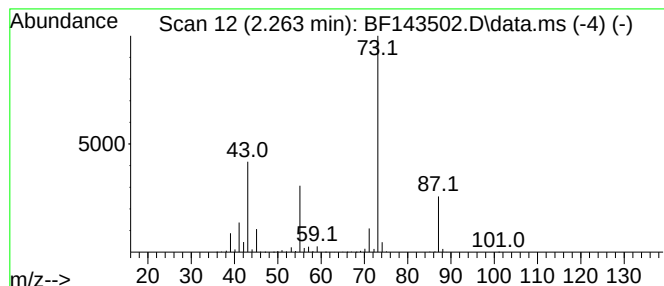
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	76.82 ng	3303880	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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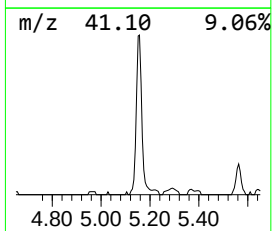
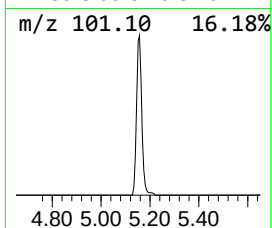
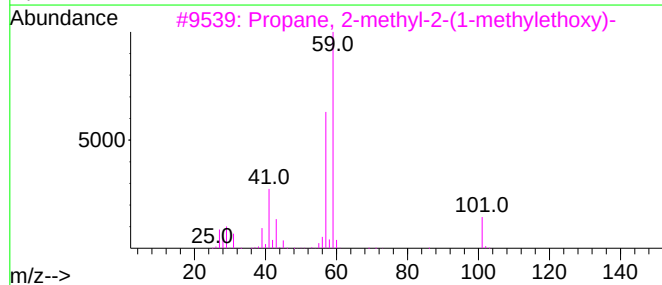
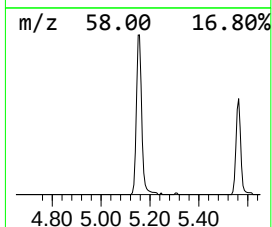
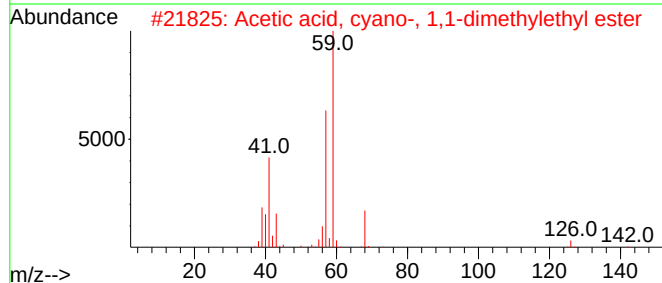
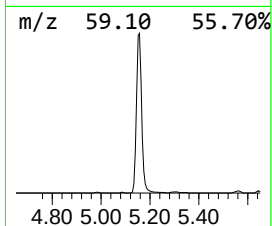
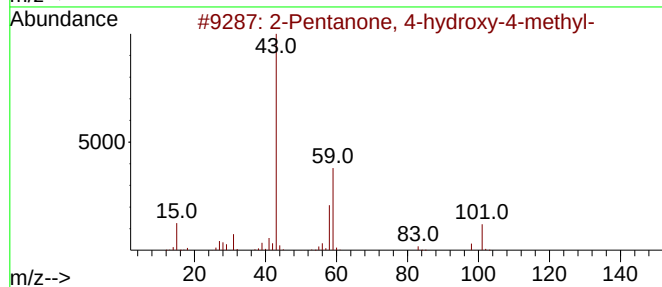
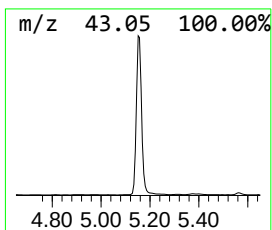
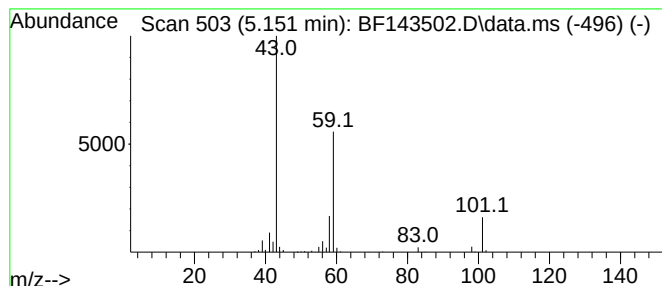
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.151	7.80 ng	335618	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



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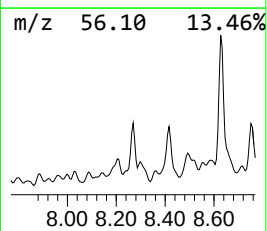
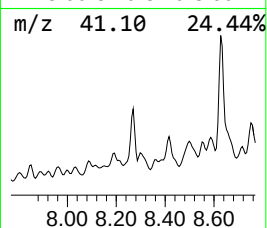
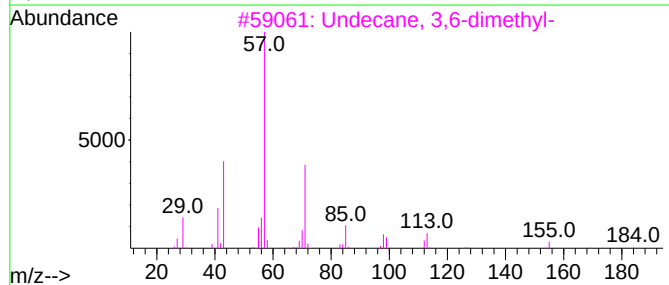
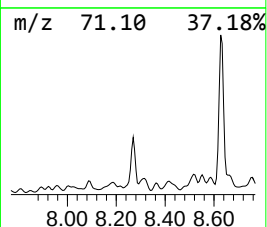
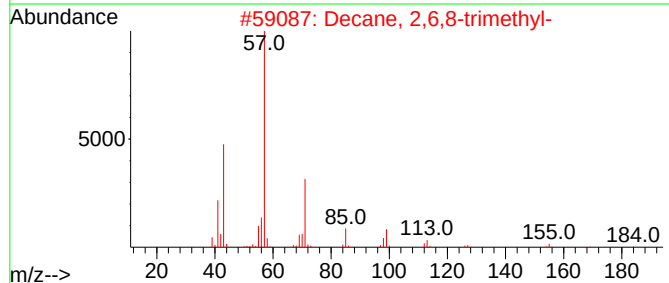
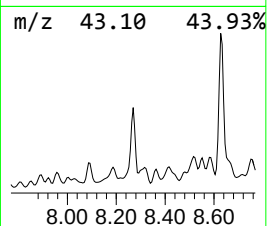
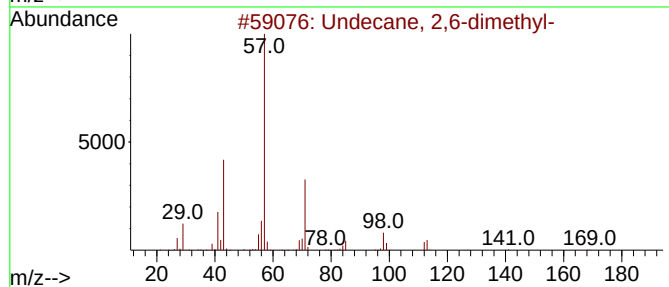
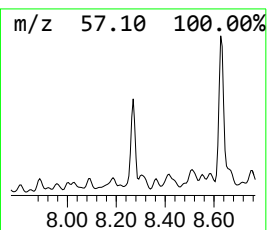
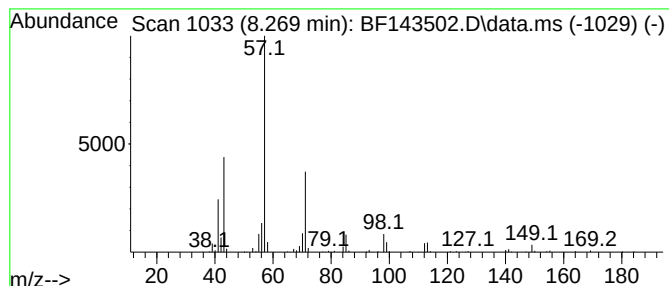
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.269	5.57 ng	298795	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	68
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



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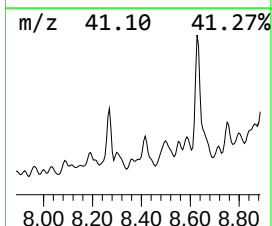
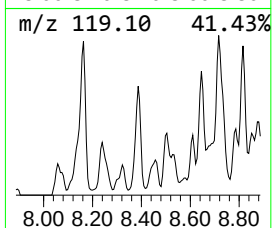
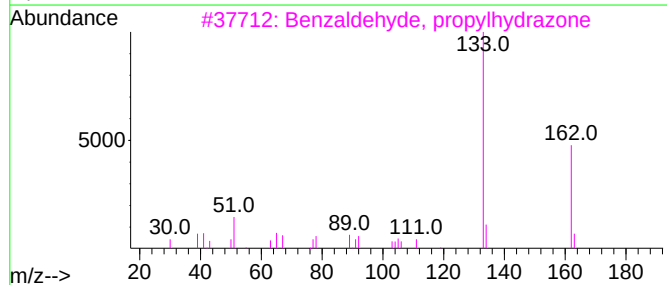
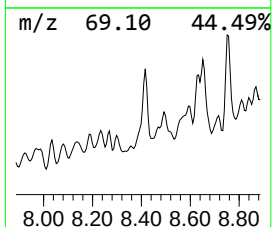
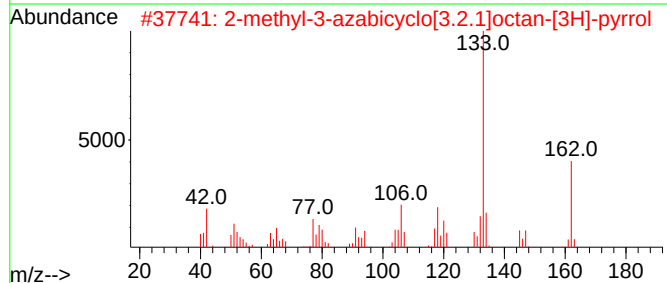
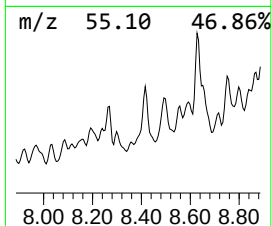
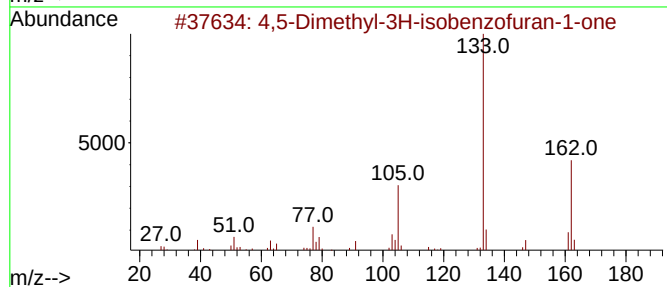
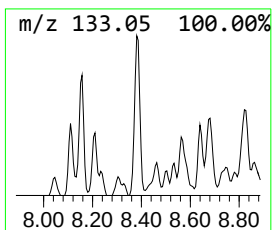
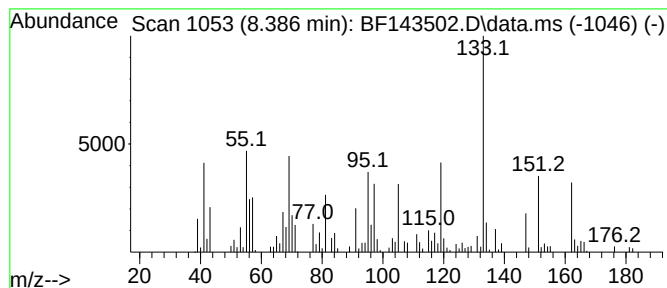
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 unknown8.386 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.386	3.14 ng	168199	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	49		
2	2-methyl-3-azabicyclo[3.2.1]octa...	162	C10H14N2	1000451-79-1	35		
3	Benzaldehyde, propylhydrazone	162	C10H14N2	022162-27-2	35		
4	Benzene, (1-ethyl-1-methylpropyl)-	162	C12H18	001985-97-3	35		
5	3-Phenyl-2-penten-1-ol	162	C11H14O	105330-11-8	35		



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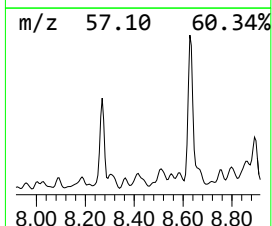
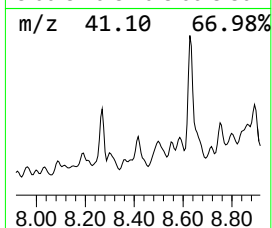
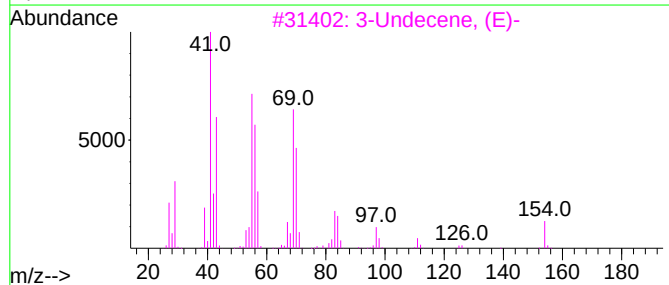
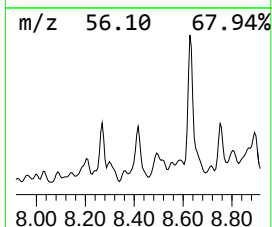
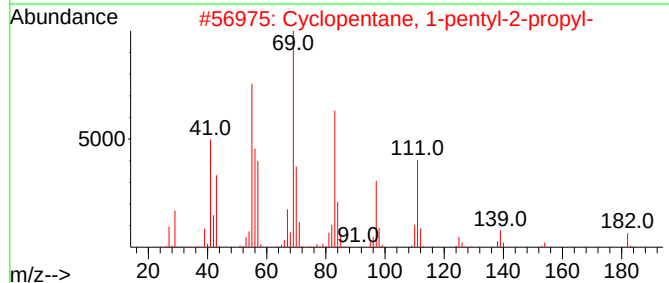
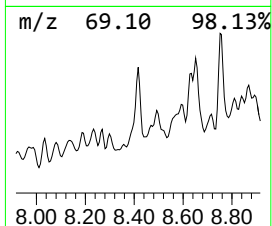
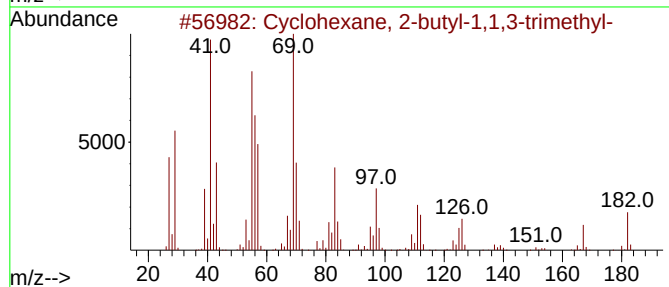
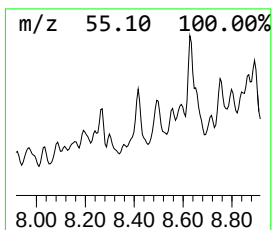
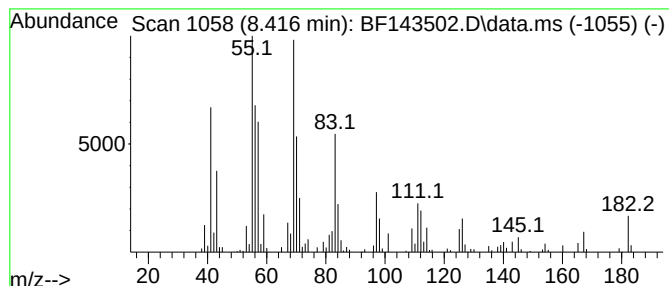
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	4.19 ng	224655	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2			Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	83
3			3-Undecene, (E)-	154	C11H22	001002-68-2	58
4			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	52
5			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
Sample : Q2815-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-22M-S

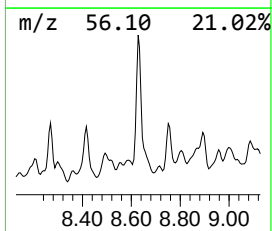
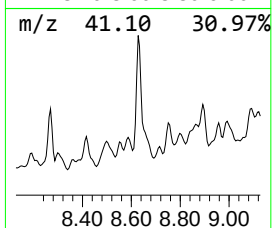
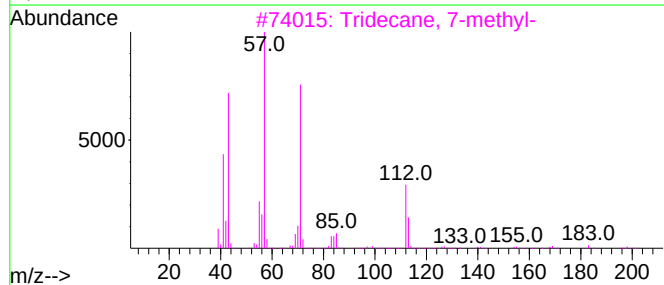
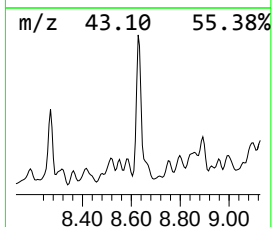
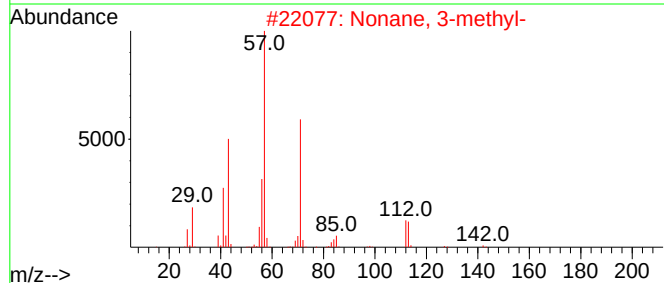
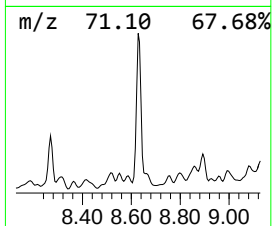
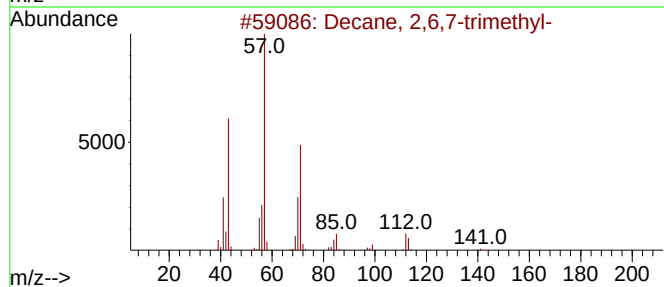
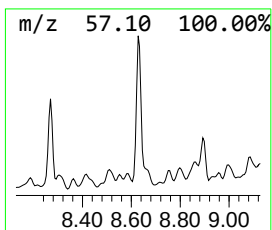
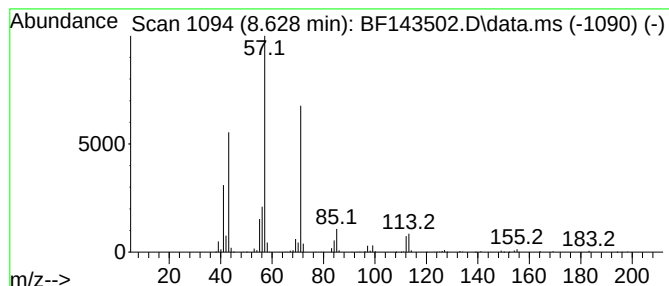
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	20.92 ng	1122000	Naphthalene-d8	8.210

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
5		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
Sample : Q2815-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TW-22M-S

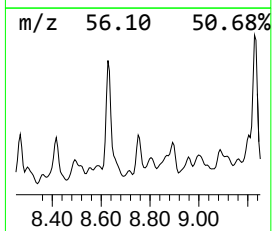
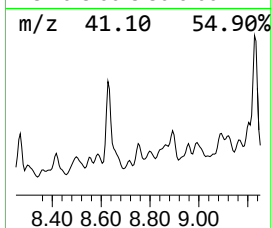
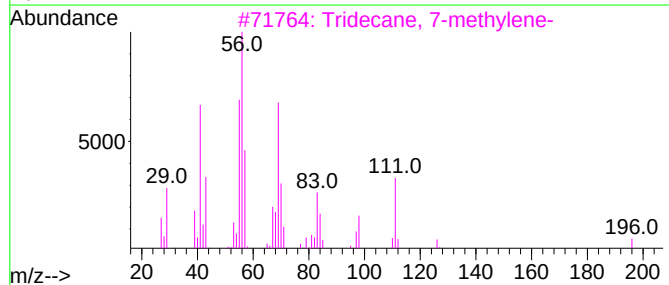
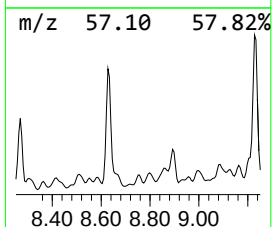
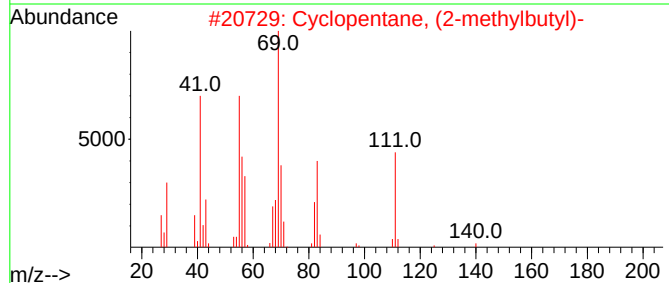
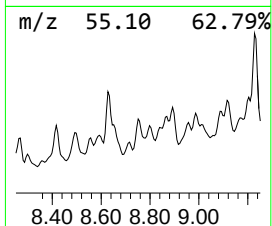
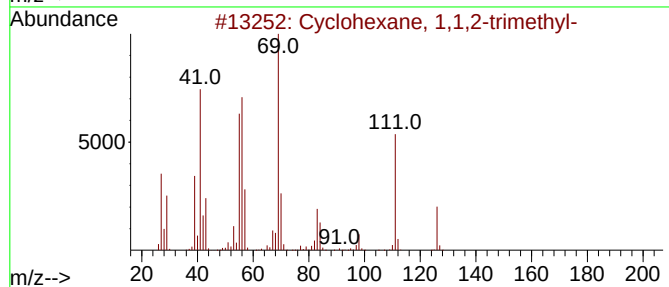
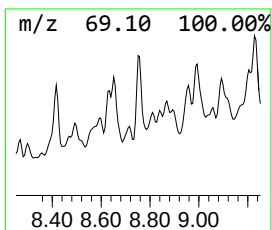
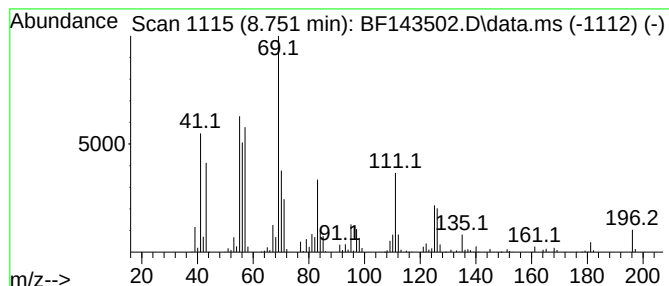
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	4.57 ng	245032	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	68
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	62
3			Tridecane, 7-methylene-	196	C14H28	019780-80-4	60
4			6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	55
5			1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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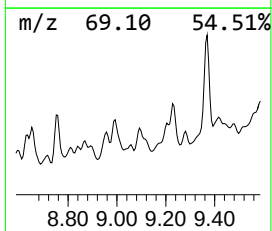
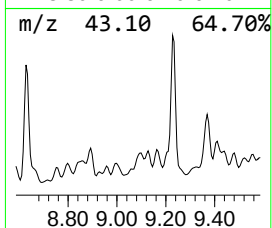
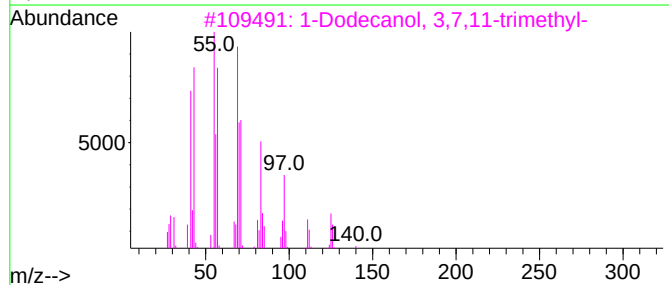
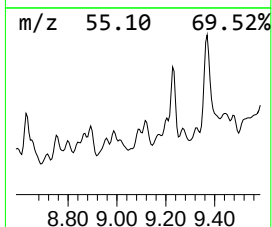
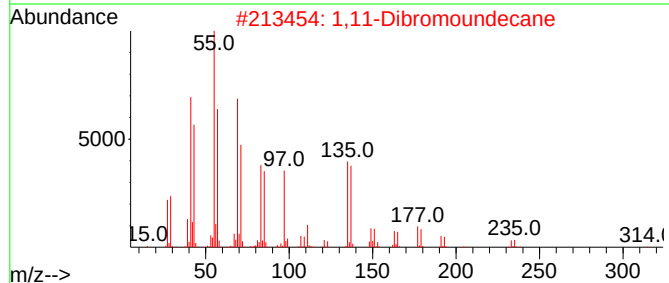
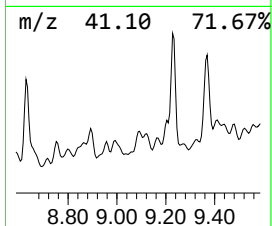
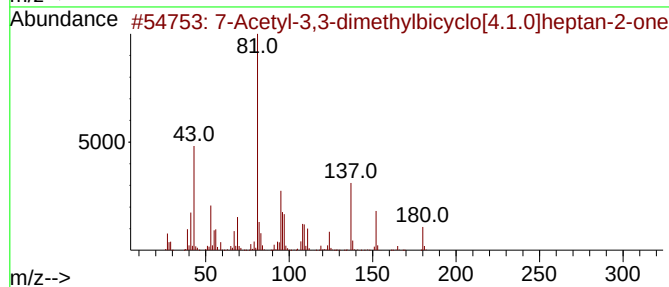
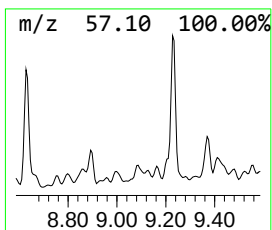
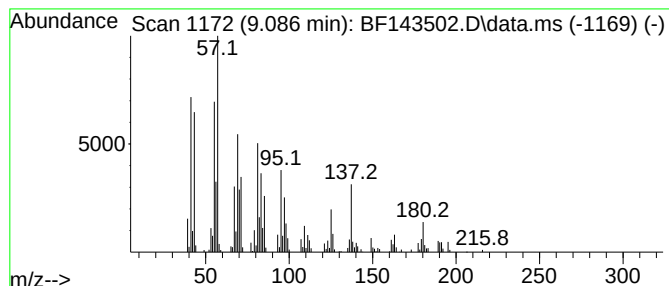
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.086 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.086	4.18 ng	224134	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Acetyl-3,3-dimethylbicyclo[4.1...	180	C11H16O2	1000185-00-8	45		
2	1,11-Dibromoundecane	312	C11H22Br2	016696-65-4	43		
3	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	38		
4	Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	35		
5	6-Tetradecene, (E)-	196	C14H28	041446-64-4	30		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
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Sample : Q2815-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

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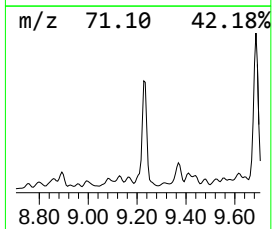
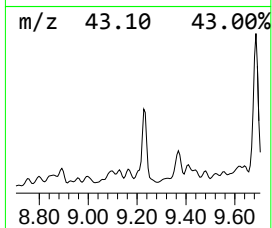
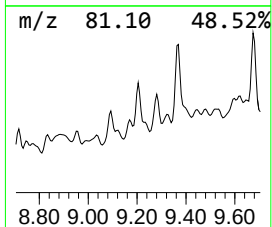
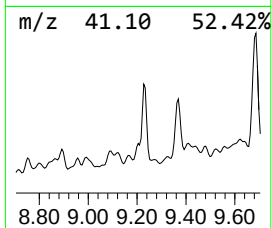
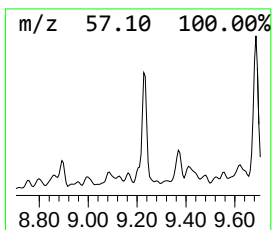
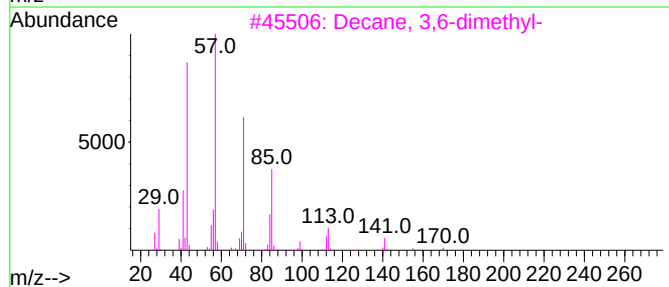
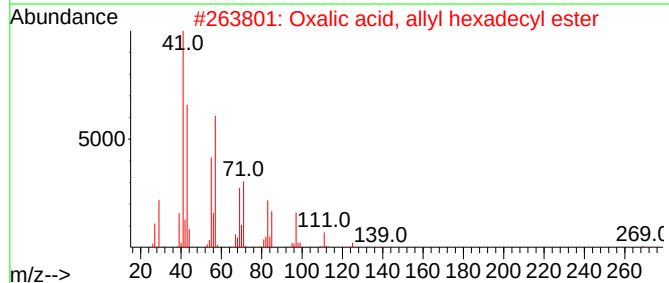
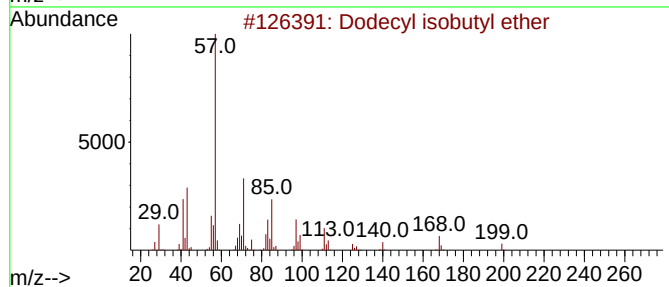
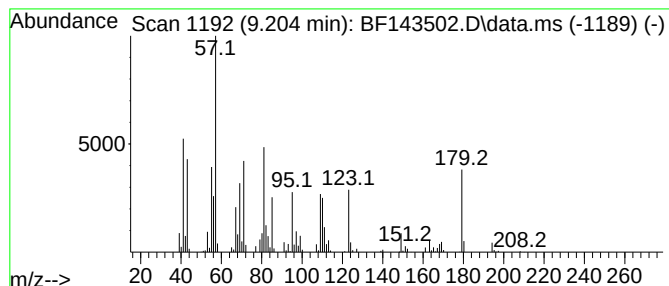
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.204 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.204	3.12 ng	182434	Acenaphthene-d10	9.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl isobutyl ether	242	C16H34O	1000406-32-6	22
2			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	22
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	18
4			4-Fluorophenethyl alcohol, tert....	196	C12H17FO	1000394-94-8	14
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
Sample : Q2815-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-22M-S

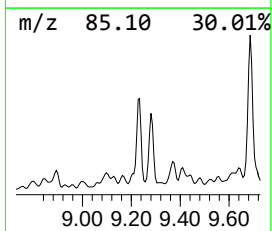
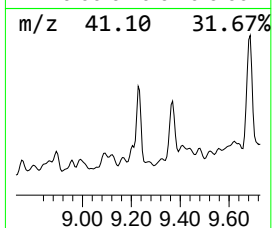
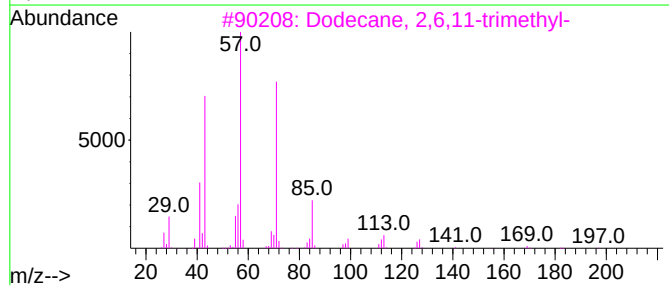
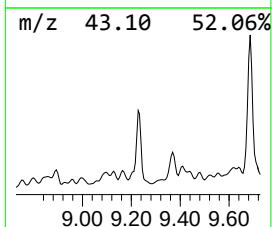
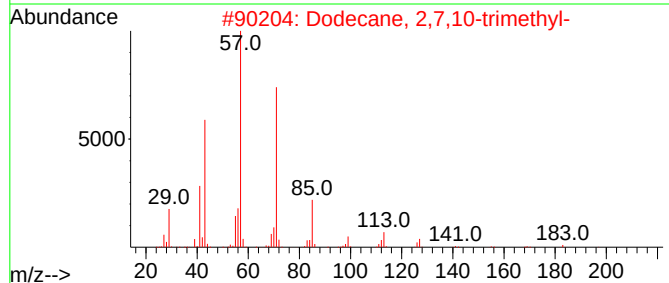
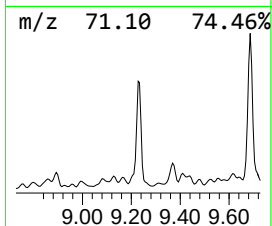
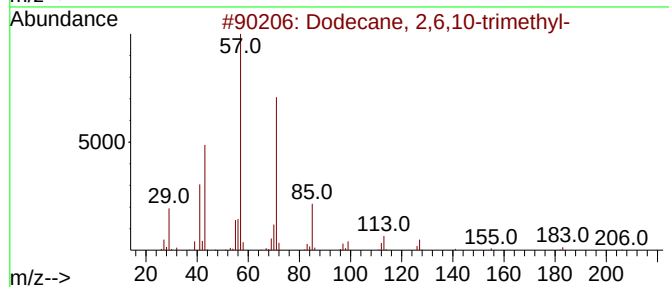
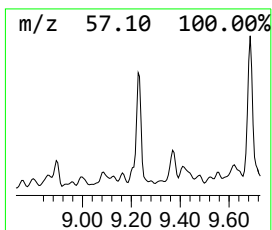
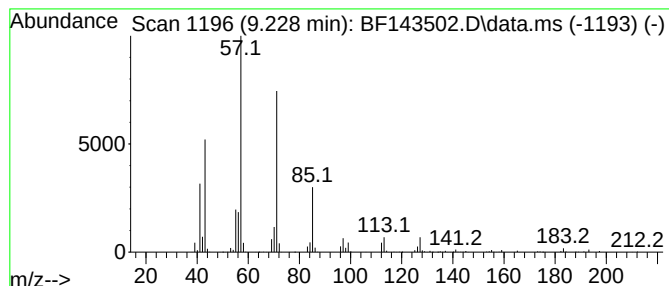
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	17.30 ng	1010150	Acenaphthene-d10	9.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Decane, 5-propyl-	184	C13H28	017312-62-8	86
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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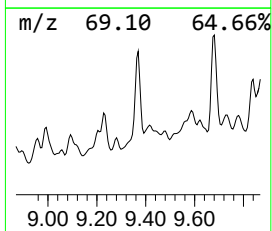
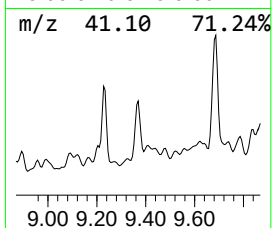
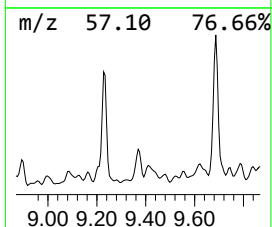
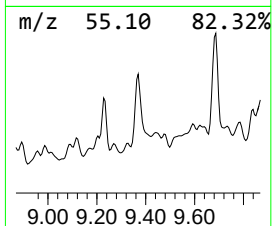
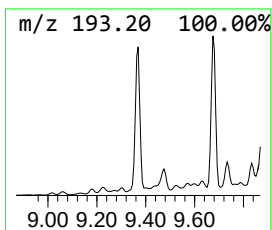
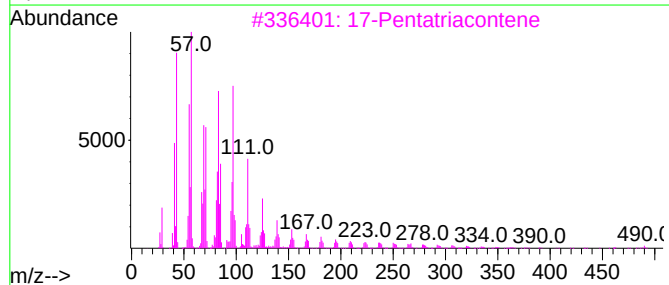
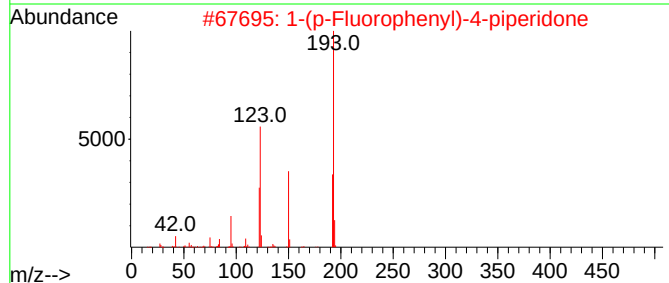
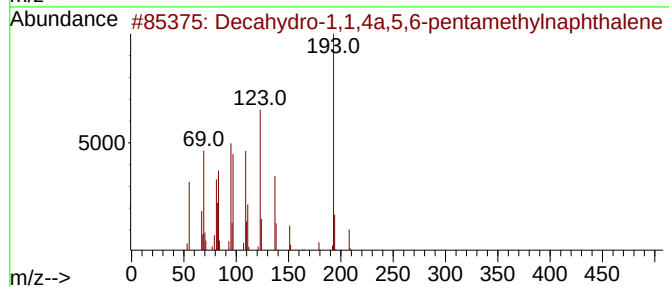
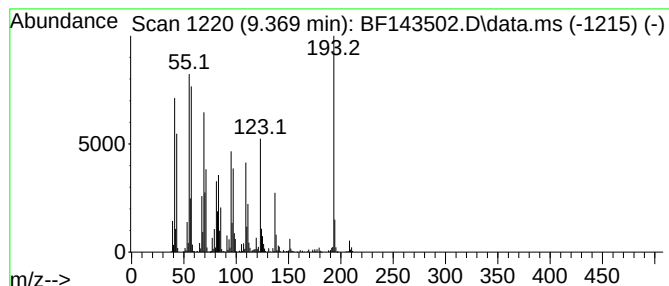
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.369 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	21.77 ng	1271230	Acenaphthene-d10	9.969

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	30
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	30
3		17-Pentatriacontene	491	C35H70	006971-40-0	25
4		2H-Spiro[1-benzofuran-3,2'-[1,3]...	193	C10H11NO3	1000387-33-4	25
5		3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
Sample : Q2815-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-22M-S

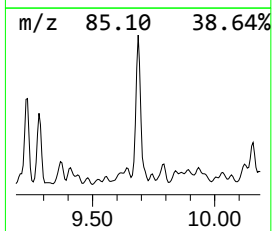
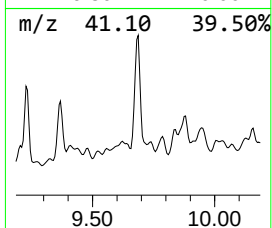
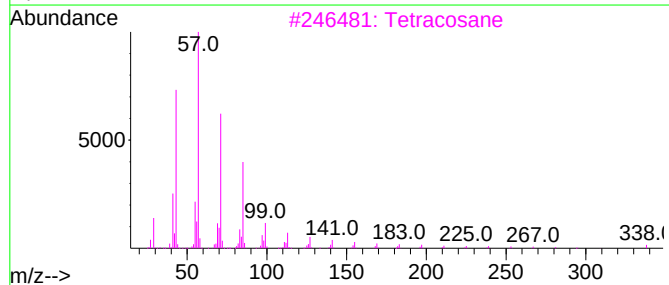
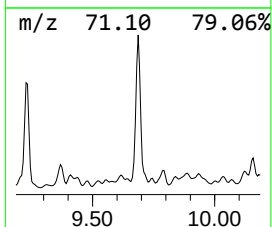
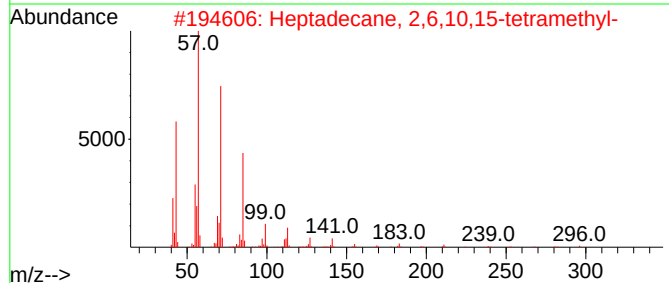
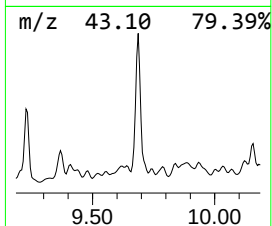
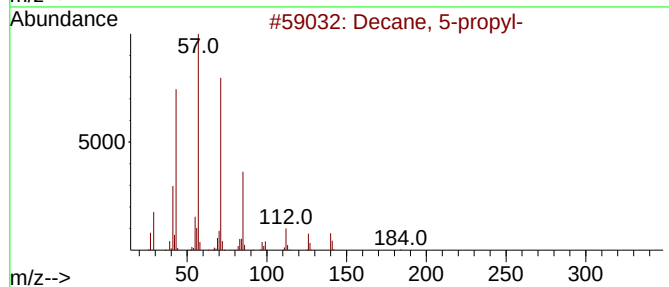
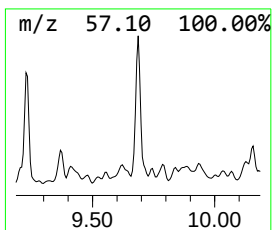
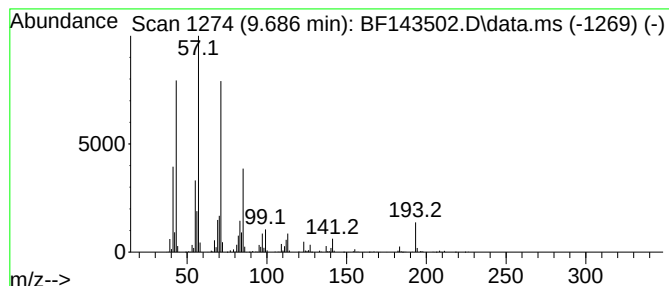
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	38.76 ng	2263390	Acenaphthene-d10	9.969

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-propyl-	184	C13H28	017312-62-8	83
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3		Tetracosane	338	C24H50	000646-31-1	80
4		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	72
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
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Misc :
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ClientSampleId :
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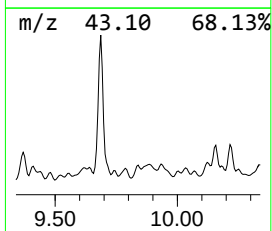
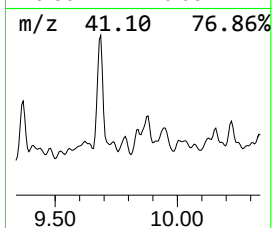
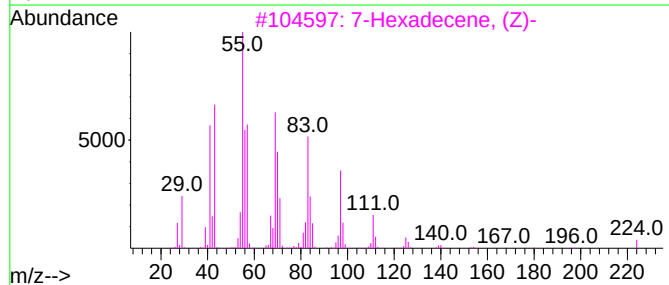
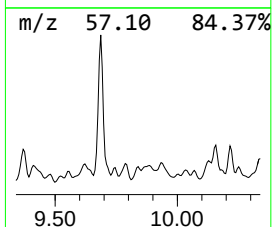
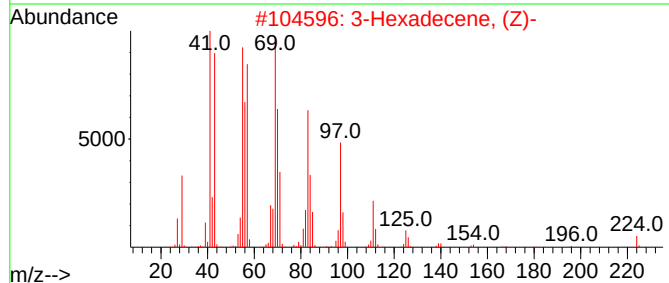
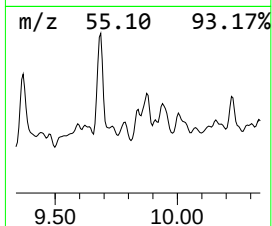
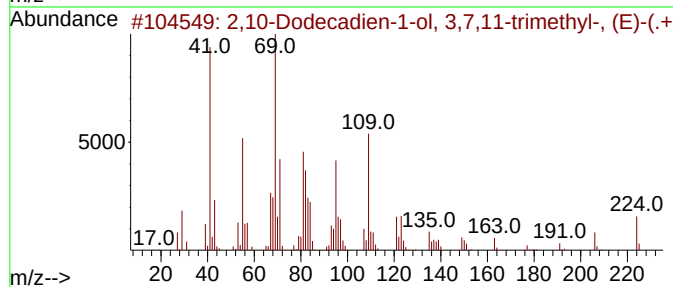
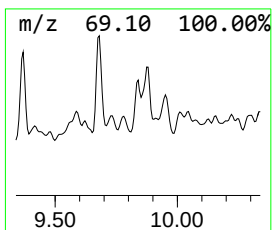
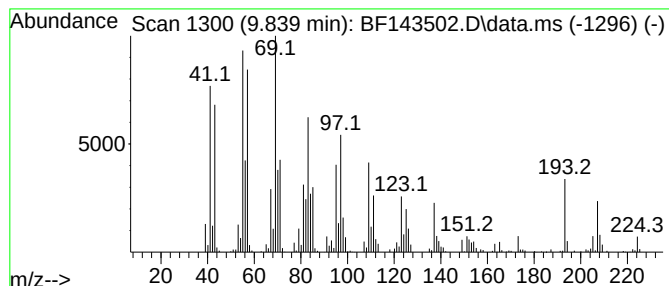
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.839 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	8.64 ng	504473	Acenaphthene-d10	9.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,10-Dodecadien-1-ol, 3,7,11-tri...	224	C15H28O	020576-59-4	49		
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	46		
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	42		
4	4-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-9	41		
5	1-Cyclohexyl-1-(4-methylcyclohex...	208	C15H28	002027-12-5	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
Sample : Q2815-12
Misc :
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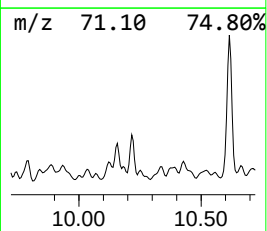
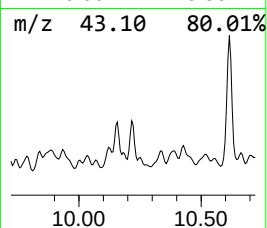
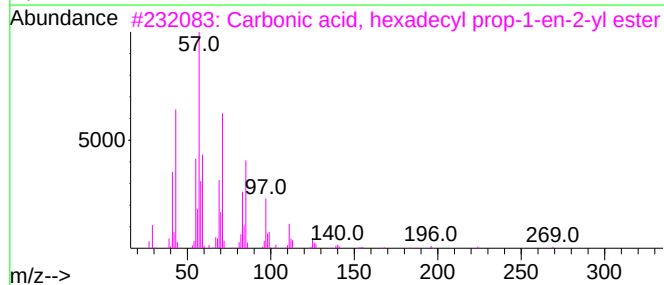
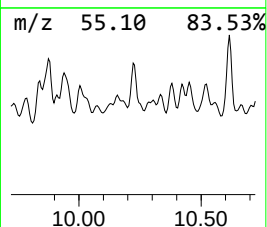
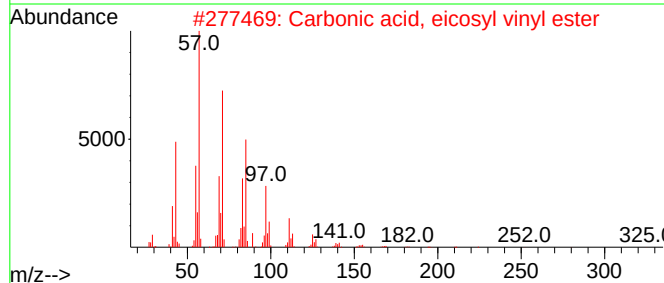
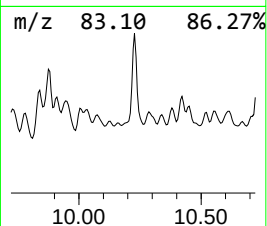
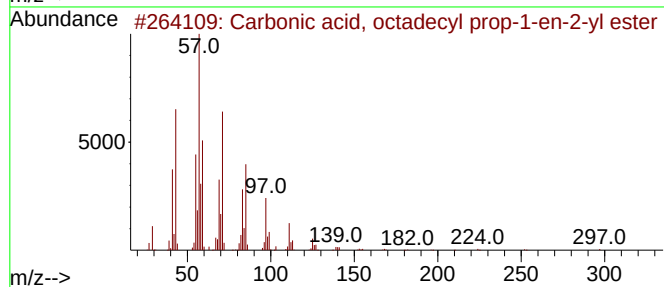
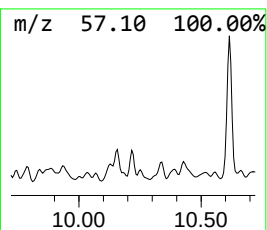
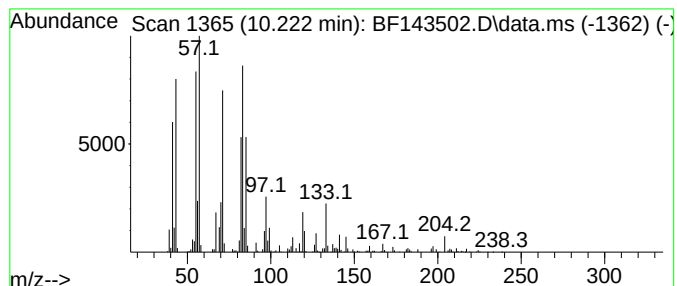
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.222 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.222	8.94 ng	521739	Acenaphthene-d10	9.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	46
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	46
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	43
4			Tritetracontane	605	C43H88	007098-21-7	43
5			Octacosane	394	C28H58	000630-02-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
Sample : Q2815-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

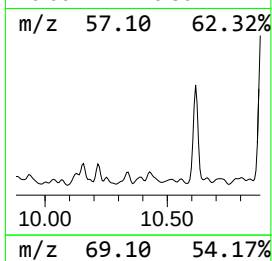
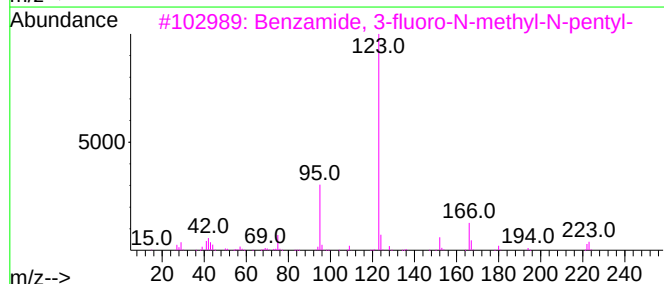
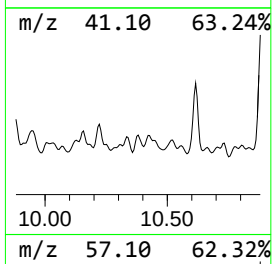
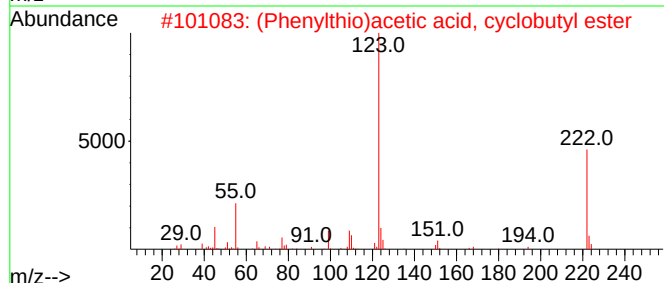
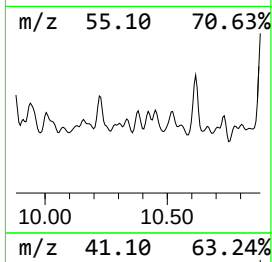
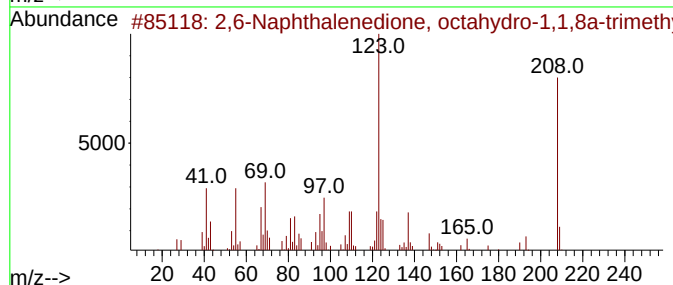
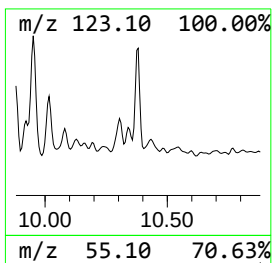
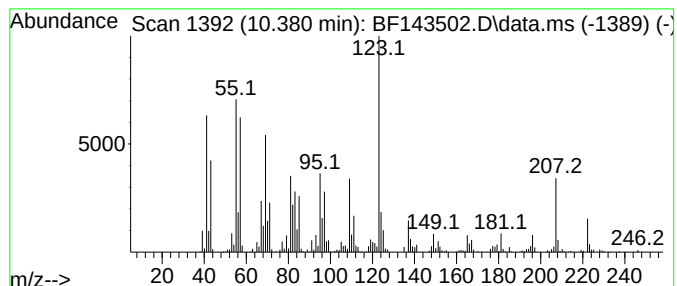
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,6-Naphthalenedione, octah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.381	4.76 ng	278057	Acenaphthene-d10	9.969	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	58
2	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1010299-95-5	46
3	Benzamide, 3-fluoro-N-methyl-N-p...	223	C13H18FNO	1000421-36-9	43
4	Cyclopent-2-ene-1-carboxylic aci...	196	C12H20O2	1000195-65-4	38
5	Butanamide, N-(2-methoxyphenyl)-...	207	C11H13NO3	000092-15-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
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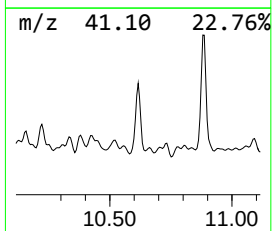
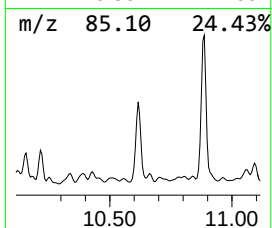
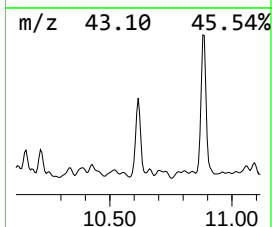
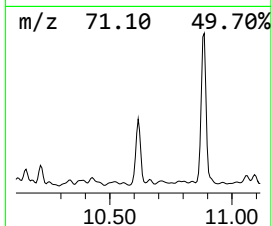
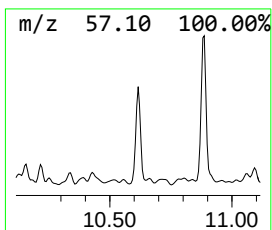
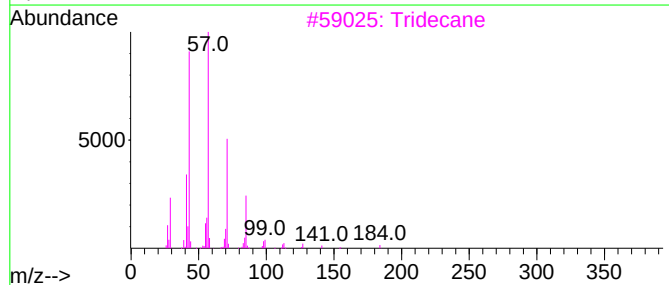
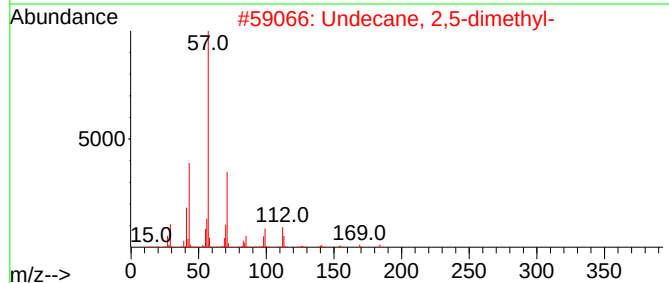
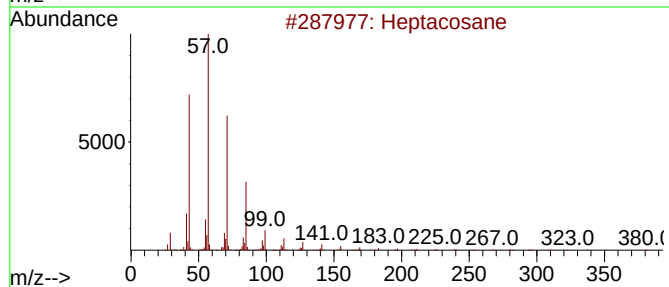
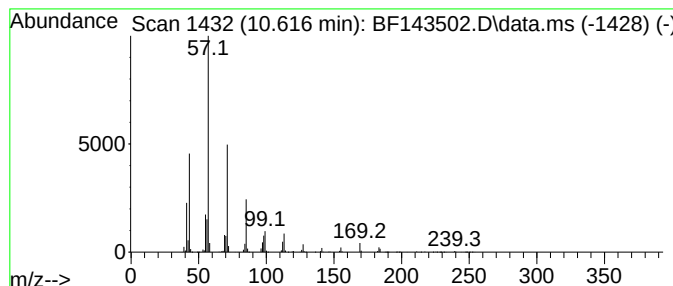
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.616	22.07 ng	1288740	Acenaphthene-d10	9.969	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Tridecane	184	C13H28	000629-50-5	72
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
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Misc :
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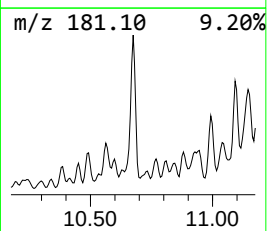
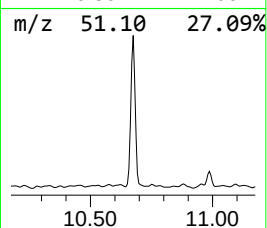
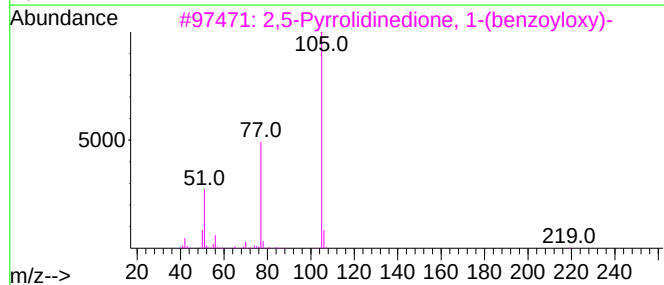
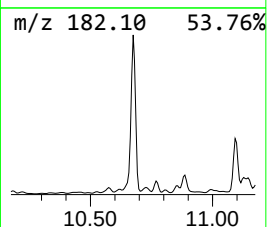
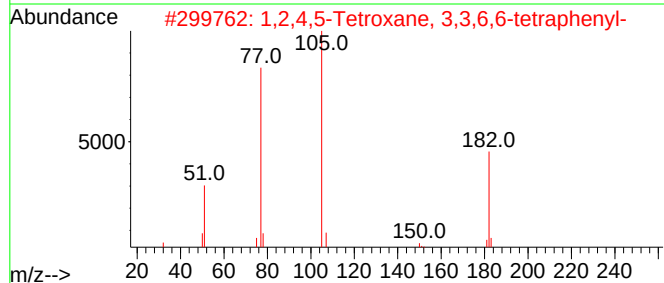
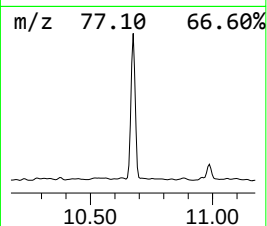
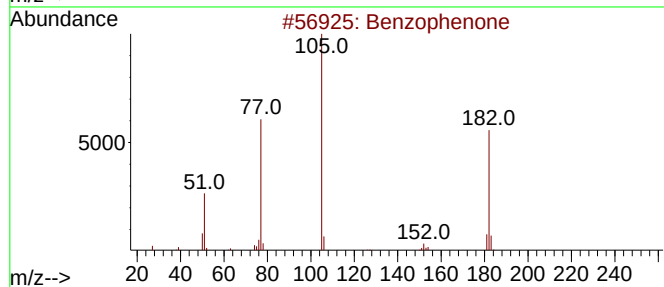
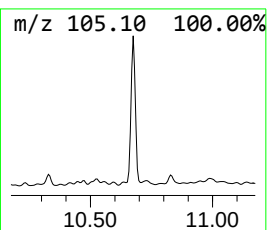
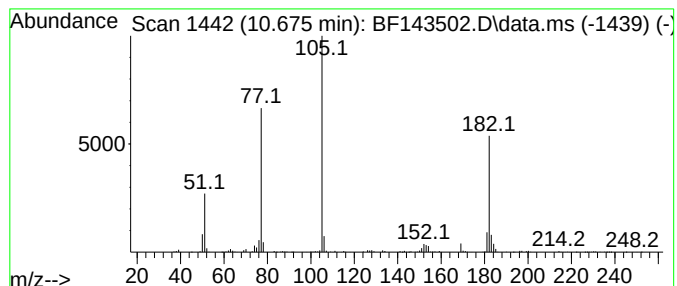
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.675	8.45 ng	493651	Acenaphthene-d10		9.969	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	95
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...		396	C26H20O4	016204-36-7	78
3	2,5-Pyrrolidinedione, 1-(benzoyl...		219	C11H9NO4	023405-15-4	46
4	Benzenecarbothioic acid, S-methy...		152	C8H8OS	005925-68-8	43
5	1,2-Propanedione, 1-phenyl-		148	C9H8O2	000579-07-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
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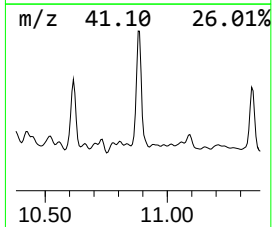
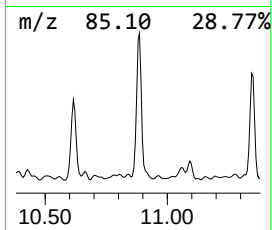
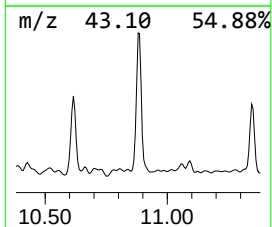
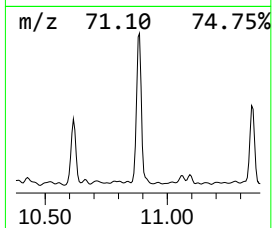
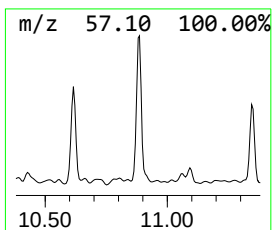
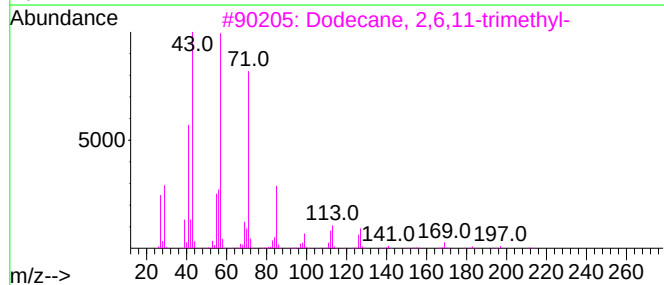
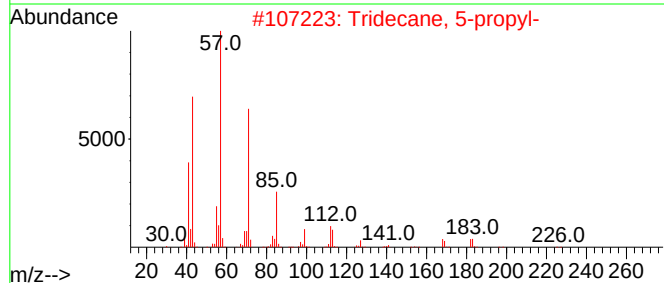
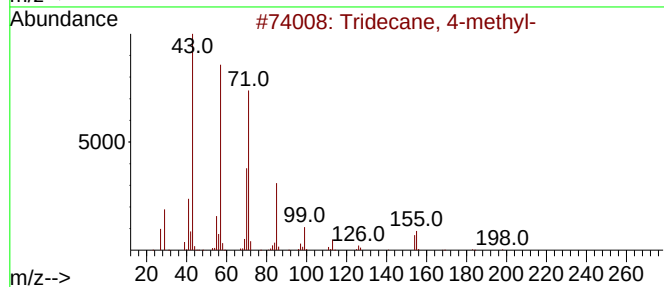
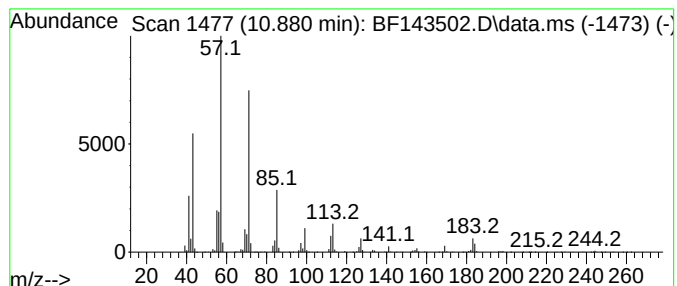
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.881	65.39 ng	2631770	Phenanthrene-d10	11.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
Sample : Q2815-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-22M-S

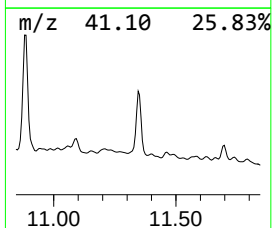
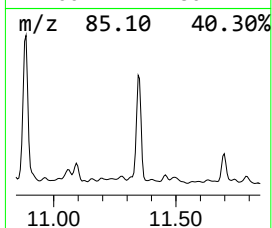
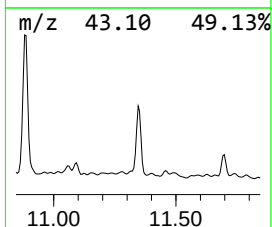
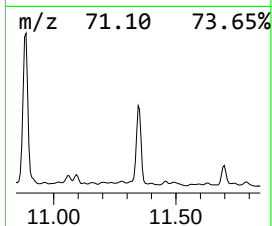
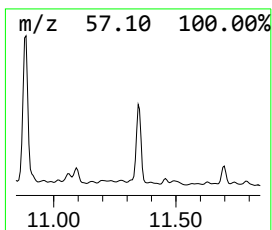
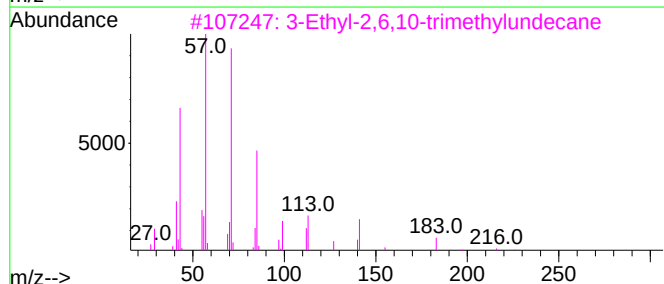
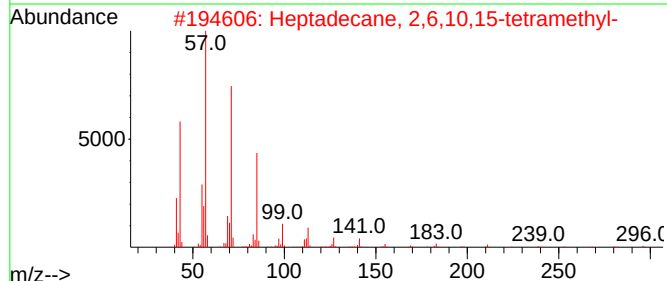
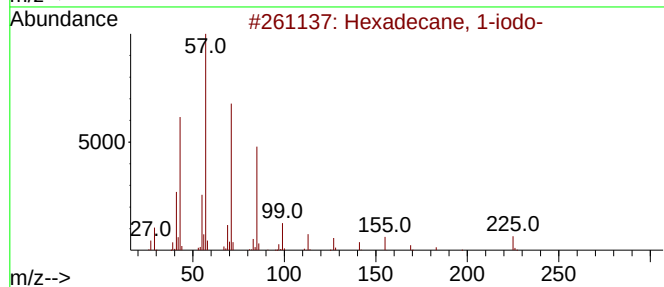
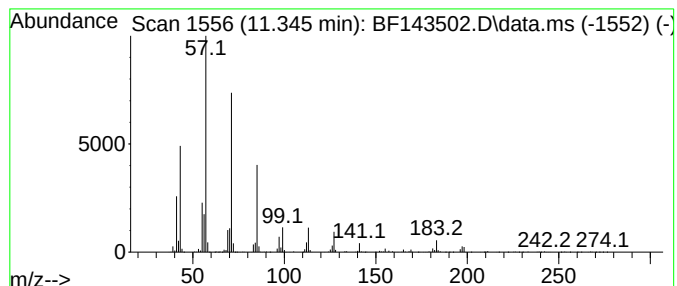
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	37.32 ng	1502120	Phenanthrene-d10	11.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
4		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
Sample : Q2815-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

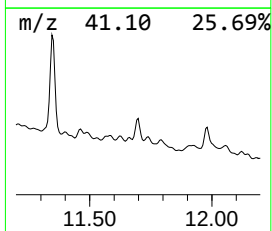
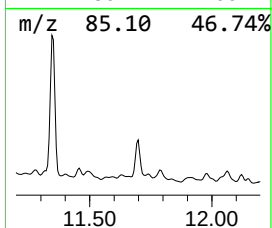
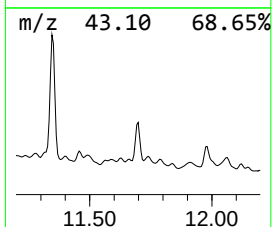
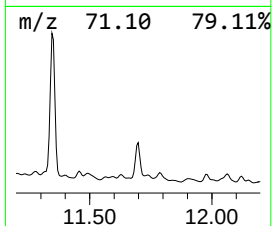
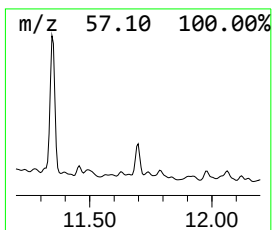
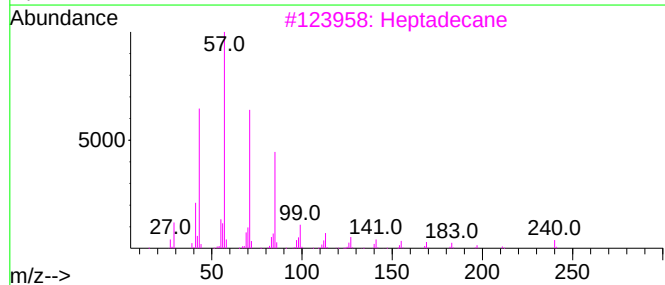
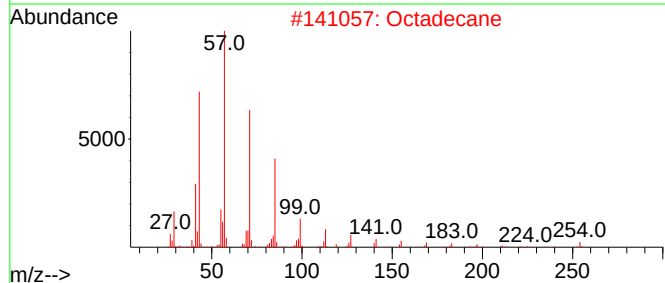
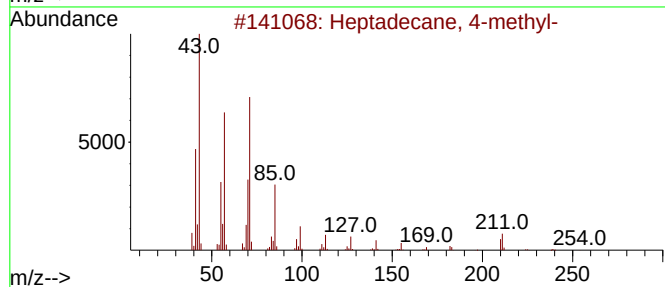
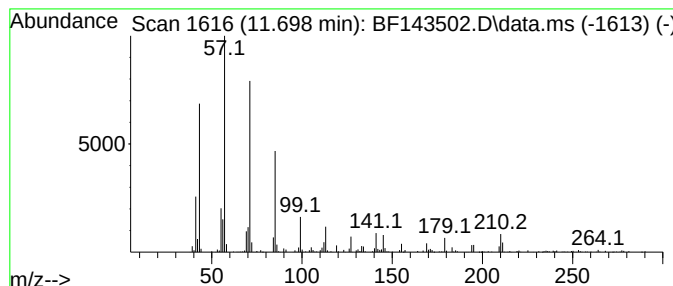
Instrument :
BNA_F
ClientSampleId :
TW-22M-S

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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 20 Heptadecane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.698	8.74 ng	351586	Phenanthrene-d10		11.457	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-		254	C18H38	026429-11-8	93
2	Octadecane		254	C18H38	000593-45-3	91
3	Heptadecane		240	C17H36	000629-78-7	87
4	Hexacosane		366	C26H54	000630-01-3	86
5	Pentacosane		352	C25H52	000629-99-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143502.D
Acq On : 21 Aug 2025 00:00
Operator : RC/JU
Sample : Q2815-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-22M-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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...	2.263	76.8	ng	3303880	1	6.928	860214	20.0
2-Pentanone, 4-...	5.151	7.8	ng	335618	1	6.928	860214	20.0
Undecane, 2,6-d...	8.269	5.6	ng	298795	2	8.210	1072680	20.0
unknown8.386	8.386	3.1	ng	168199	2	8.210	1072680	20.0
Cyclohexane, 2-...	8.416	4.2	ng	224655	2	8.210	1072680	20.0
Decane, 2,6,7-t...	8.628	20.9	ng	1122000	2	8.210	1072680	20.0
Cyclohexane, 1,...	8.751	4.6	ng	245032	2	8.210	1072680	20.0
unknown9.086	9.086	4.2	ng	224134	2	8.210	1072680	20.0
unknown9.204	9.204	3.1	ng	182434	3	9.969	1167840	20.0
Dodecane, 2,6,1...	9.228	17.3	ng	1010150	3	9.969	1167840	20.0
unknown9.369	9.369	21.8	ng	1271230	3	9.969	1167840	20.0
Decane, 5-propyl-	9.686	38.8	ng	2263390	3	9.969	1167840	20.0
unknown9.839	9.839	8.6	ng	504473	3	9.969	1167840	20.0
unknown10.222	10.222	8.9	ng	521739	3	9.969	1167840	20.0
2,6-Naphthalene...	10.381	4.8	ng	278057	3	9.969	1167840	20.0
Heptacosane	10.616	22.1	ng	1288740	3	9.969	1167840	20.0
Benzophenone	10.675	8.4	ng	493651	3	9.969	1167840	20.0
Tridecane, 4-me...	10.881	65.4	ng	2631770	4	11.457	804903	20.0
Hexadecane, 1-i...	11.345	37.3	ng	1502120	4	11.457	804903	20.0
Heptadecane, 4-...	11.698	8.7	ng	351586	4	11.457	804903	20.0