

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142548.D
 Acq On : 23 May 2025 21:22
 Operator : RC/JU
 Sample : Q2112-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-05222025

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142548.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	490	495	502	rVB	42449	62986	1.78%	0.180%
2	5.504	553	563	574	rBV	425131	561282	15.84%	1.605%
3	5.804	610	614	621	rVB	69586	91895	2.59%	0.263%
4	6.051	649	656	661	rVB3	23281	46288	1.31%	0.132%
5	6.146	667	672	678	rBV2	74560	136078	3.84%	0.389%
6	6.334	699	704	708	rBV2	54122	84820	2.39%	0.242%
7	6.393	708	714	717	rVV2	78972	129968	3.67%	0.372%
8	6.428	717	720	727	rVV3	128666	205974	5.81%	0.589%
9	6.516	727	735	739	rVV2	404405	638604	18.02%	1.826%
10	6.581	742	746	751	rVB	43824	65265	1.84%	0.187%
11	6.640	751	756	760	rBV4	66956	130833	3.69%	0.374%
12	6.734	767	772	779	rVB	599735	796077	22.47%	2.276%
13	6.828	783	788	791	rBV3	31608	61889	1.75%	0.177%
14	6.898	791	800	806	rVV2	617738	967545	27.31%	2.766%
15	6.951	806	809	813	rVB	119794	148571	4.19%	0.425%
16	7.010	813	819	821	rBV4	61074	87534	2.47%	0.250%
17	7.045	821	825	829	rVV3	153528	199710	5.64%	0.571%
18	7.128	835	839	840	rBV2	47508	53420	1.51%	0.153%
19	7.169	841	846	849	rVV	303015	419798	11.85%	1.200%
20	7.204	849	852	855	rVV2	188981	331723	9.36%	0.948%
21	7.234	855	857	861	rVB	232910	260222	7.34%	0.744%
22	7.287	861	866	870	rBV4	300794	457743	12.92%	1.309%
23	7.387	876	883	886	rBV	81989	162220	4.58%	0.464%
24	7.434	886	891	892	rVV3	244362	345077	9.74%	0.986%
25	7.457	892	895	897	rVV	278480	406772	11.48%	1.163%
26	7.493	897	901	905	rVB	1393564	1764752	49.81%	5.045%
27	7.545	905	910	913	rBV4	195364	292800	8.26%	0.837%
28	7.604	913	920	924	rBV4	155003	340895	9.62%	0.975%
29	7.675	929	932	934	rBV	122176	169441	4.78%	0.484%
30	7.798	945	953	955	rBV3	218308	431803	12.19%	1.234%
31	7.828	955	958	960	rVV3	154623	211468	5.97%	0.605%
32	7.857	960	963	967	rVB3	228507	306729	8.66%	0.877%
33	7.892	967	969	971	rBV2	185013	204185	5.76%	0.584%
34	7.928	971	975	980	rVB3	365541	563093	15.89%	1.610%
35	7.975	980	983	985	rBV	174965	198875	5.61%	0.569%
36	8.051	993	996	1000	rBV2	97782	106609	3.01%	0.305%

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37	8.163	1004	1015	1024	rBV2	1803507	3543322	100.00%	10.129%
38	8.240	1024	1028	1031	rVV2	560131	753024	21.25%	2.153%
39	8.269	1031	1033	1040	rVB4	195347	321239	9.07%	0.918%
40	8.334	1040	1044	1047	rBV2	117997	197333	5.57%	0.564%

41	8.381	1049	1052	1056	rVB2	185584	243839	6.88%	0.697%
42	8.475	1063	1068	1073	rBV5	362748	566292	15.98%	1.619%
43	8.522	1073	1076	1079	rBV2	158566	182369	5.15%	0.521%
44	8.557	1079	1082	1085	rVB2	267803	305484	8.62%	0.873%
45	8.598	1085	1089	1096	rBV	552222	715744	20.20%	2.046%

46	8.687	1100	1104	1107	rBV	265933	324390	9.15%	0.927%
47	8.722	1107	1110	1113	rBV2	74849	95538	2.70%	0.273%
48	8.769	1114	1118	1123	rBV	1546443	1960477	55.33%	5.604%
49	8.928	1143	1145	1148	rBV3	58919	64868	1.83%	0.185%
50	8.963	1148	1151	1154	rBV4	72124	124466	3.51%	0.356%

51	9.004	1155	1158	1161	rVB2	170967	185938	5.25%	0.532%
52	9.051	1163	1166	1171	rBV4	126478	248907	7.02%	0.712%
53	9.134	1176	1180	1184	rVV3	281410	443415	12.51%	1.268%
54	9.175	1184	1187	1188	rVV	199309	215942	6.09%	0.617%
55	9.198	1188	1191	1197	rVV2	442862	633407	17.88%	1.811%

56	9.251	1197	1200	1205	rVB	387085	481393	13.59%	1.376%
57	9.334	1210	1214	1219	rBV	1248089	1661069	46.88%	4.749%
58	9.404	1224	1226	1230	rVB	151199	183263	5.17%	0.524%
59	9.592	1252	1258	1260	rBV4	137639	268847	7.59%	0.769%
60	9.651	1264	1268	1272	rVV2	352954	625905	17.66%	1.789%

61	9.716	1276	1279	1283	rVB3	134153	149804	4.23%	0.428%
62	9.804	1291	1294	1297	rBV5	52717	66422	1.87%	0.190%
63	9.863	1300	1304	1308	rVV	722930	911377	25.72%	2.605%
64	9.939	1309	1317	1321	rVB	476890	717656	20.25%	2.052%
65	10.098	1340	1344	1346	rBV	78762	119115	3.36%	0.341%

66	10.186	1355	1359	1363	rBV4	107549	141353	3.99%	0.404%
67	10.257	1368	1371	1377	rBV6	34713	73908	2.09%	0.211%
68	10.363	1384	1389	1393	rBV	443633	565261	15.95%	1.616%
69	10.581	1422	1426	1432	rVB	138520	224950	6.35%	0.643%
70	10.639	1433	1436	1439	rBV2	39275	52507	1.48%	0.150%

71	10.722	1445	1450	1455	rVB2	205414	279605	7.89%	0.799%
72	10.839	1465	1470	1479	rVB	295899	486276	13.72%	1.390%
73	11.286	1542	1546	1549	rBV	140501	187306	5.29%	0.535%
74	11.316	1549	1551	1557	rVB2	77999	97713	2.76%	0.279%
75	11.428	1565	1570	1580	rBV	484235	734096	20.72%	2.099%

76	11.710	1614	1618	1623	rBV	89499	114535	3.23%	0.327%
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.810	1631	1635	1643	rVB	100982	132046	3.73%	0.377%
78	11.945	1654	1658	1665	rVB2	101652	143809	4.06%	0.411%
79	12.039	1671	1674	1681	rVB3	28981	54252	1.53%	0.155%
80	12.122	1684	1688	1692	rVV	69807	84329	2.38%	0.241%
81	12.522	1745	1756	1766	rBV4	375981	854442	24.11%	2.443%
82	12.604	1766	1770	1773	rBV2	70778	98588	2.78%	0.282%
83	12.657	1773	1779	1788	rVV3	262892	645288	18.21%	1.845%
84	12.733	1789	1792	1798	rVB3	39316	65124	1.84%	0.186%
85	12.869	1811	1815	1821	rVB2	119849	203757	5.75%	0.582%
86	13.010	1834	1839	1848	rVB	470095	610957	17.24%	1.747%
87	13.239	1875	1878	1885	rBV2	44256	69754	1.97%	0.199%
88	14.069	2014	2019	2030	rBV	522724	772555	21.80%	2.209%
89	15.563	2269	2273	2284	rVB	302621	534305	15.08%	1.527%

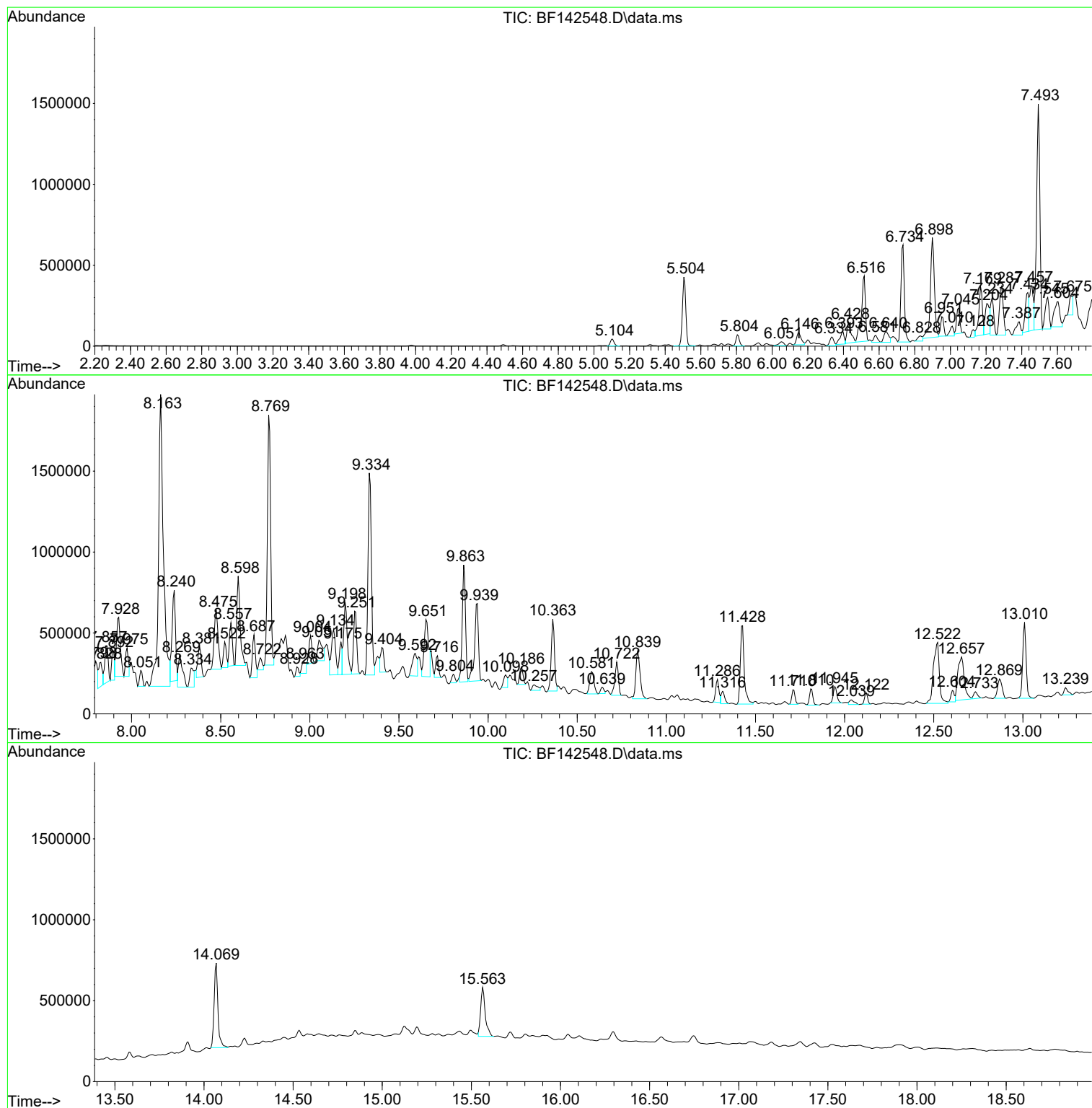
Sum of corrected areas: 34980505

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Instrument :
BNA_F
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EO-03-05222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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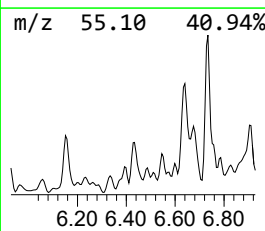
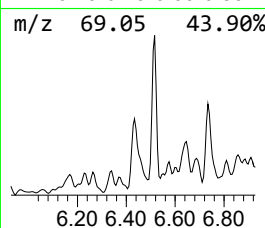
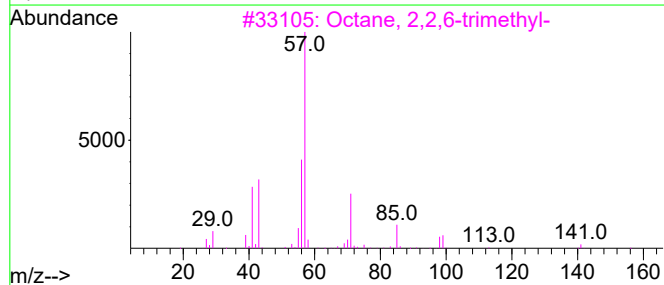
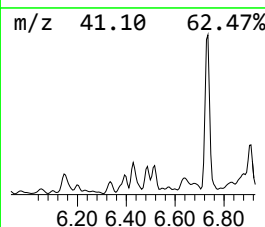
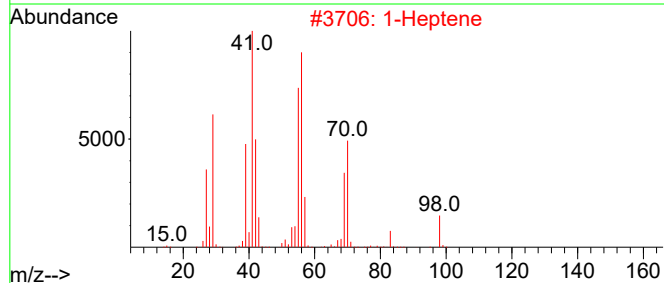
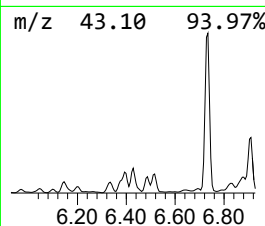
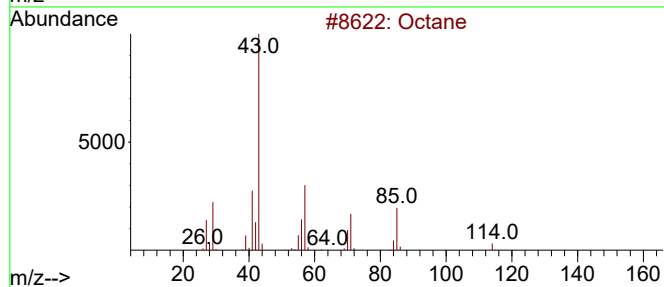
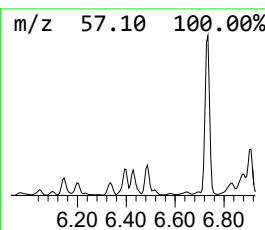
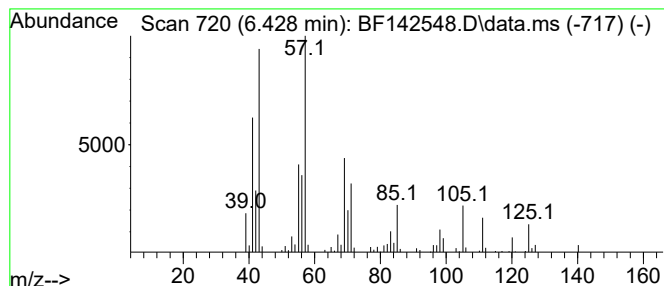
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.428 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	4.26 ng	205974	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	43
2			1-Heptene	98	C7H14	000592-76-7	38
3			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	38
4			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38
5			Nonane, 2-methyl-	142	C10H22	000871-83-0	38



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BNA_F
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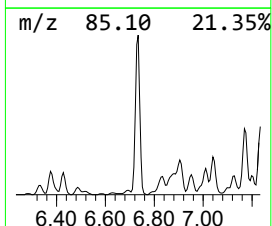
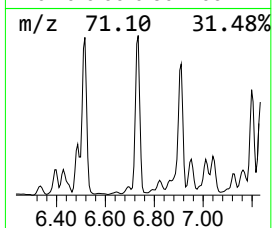
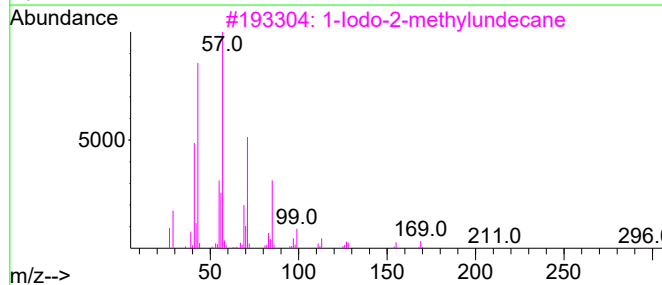
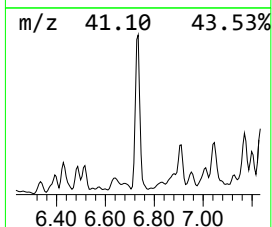
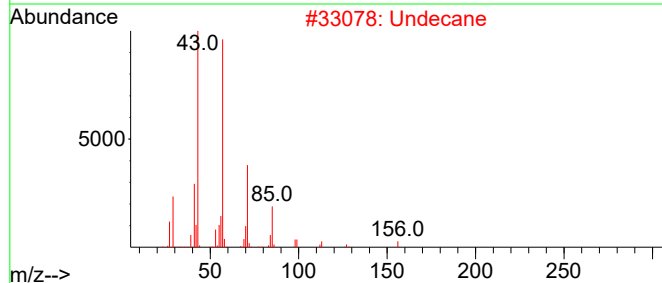
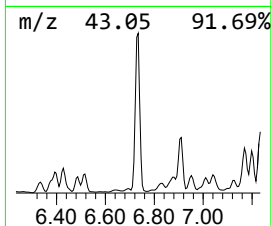
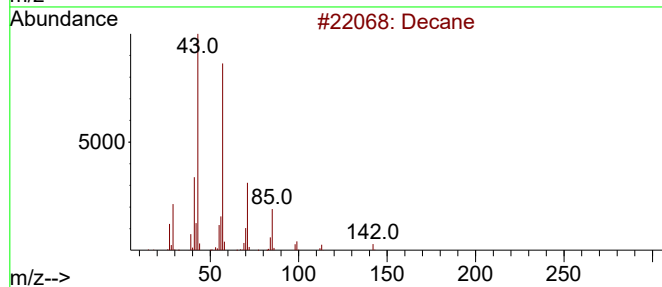
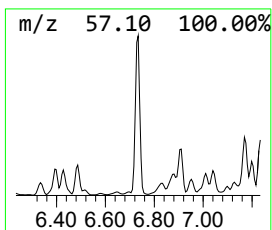
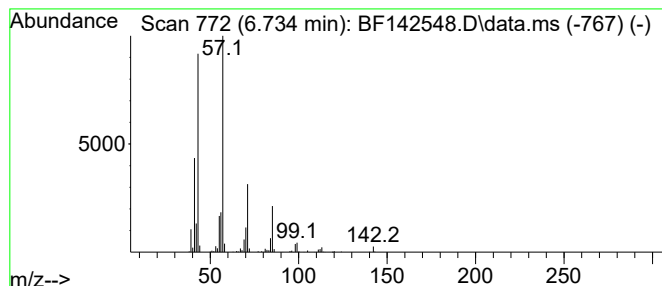
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.734	16.46 ng	796077	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	95
2			Undecane	156	C11H24	001120-21-4	83
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
4			Nonane, 2-methyl-	142	C10H22	000871-83-0	72
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64



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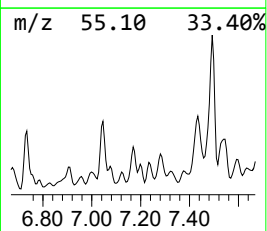
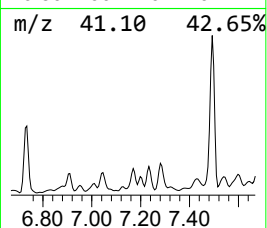
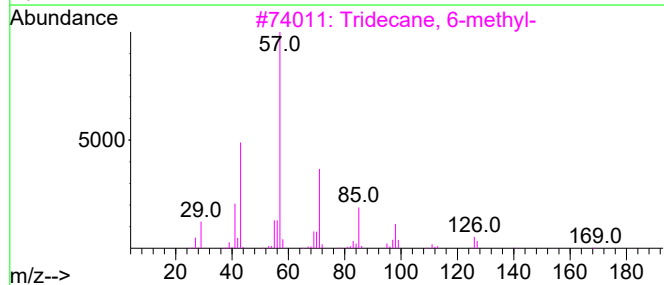
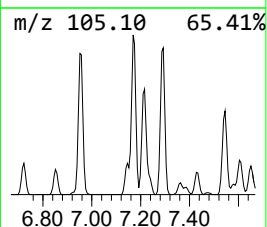
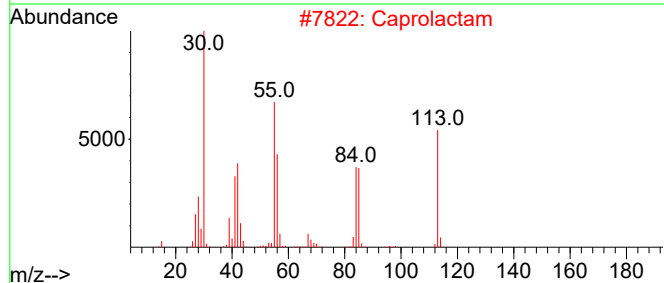
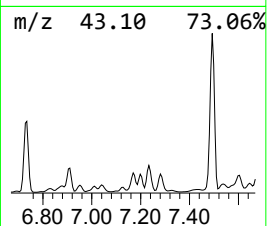
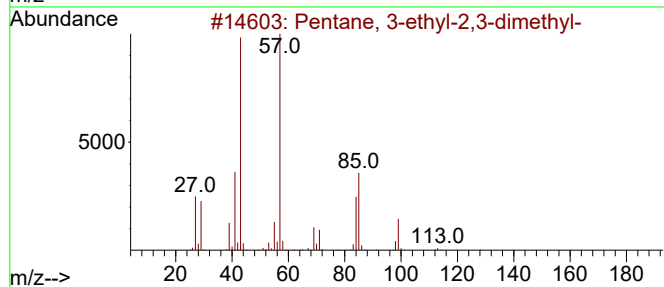
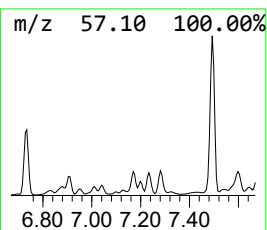
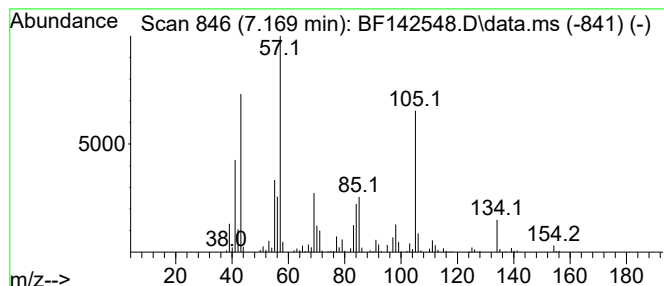
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.169 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	8.68 ng	419798	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	38
2			Caprolactam	113	C6H11NO	000105-60-2	38
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	38
4			Decane, 5-methyl-	156	C11H24	013151-35-4	35
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	30



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EO-03-05222025

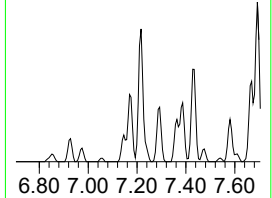
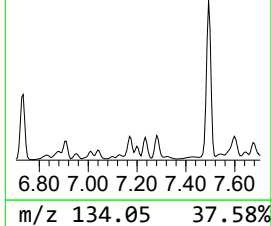
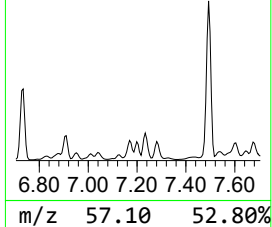
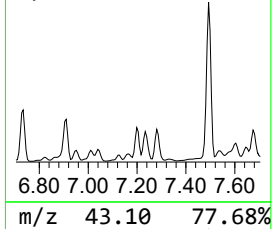
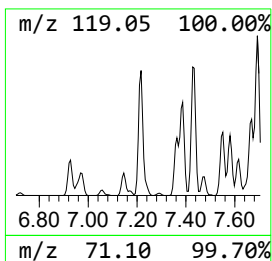
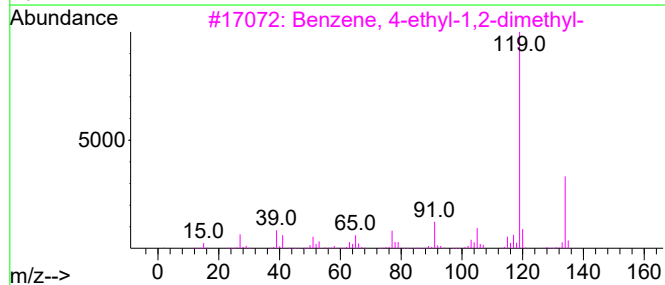
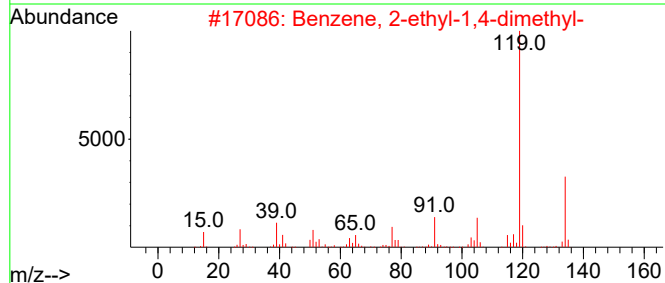
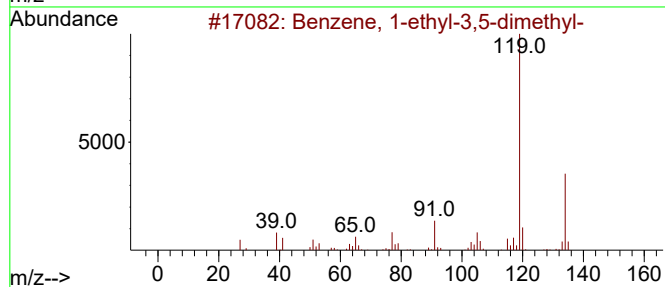
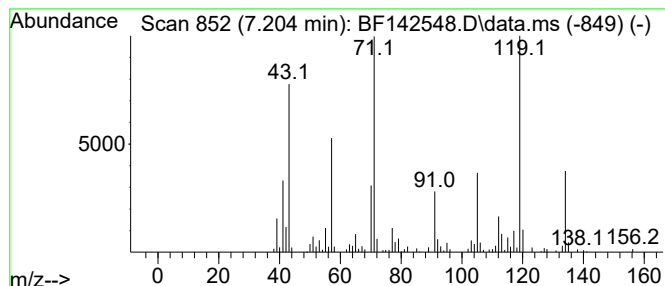
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	6.86 ng	331723	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	89
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
4			o-Cymene	134	C10H14	000527-84-4	83
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-05222025

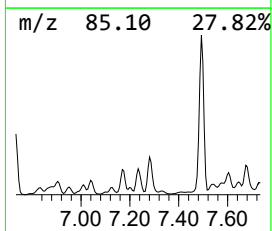
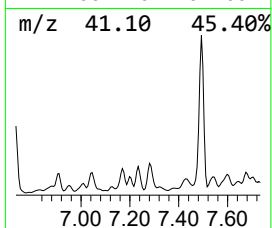
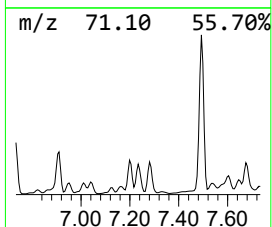
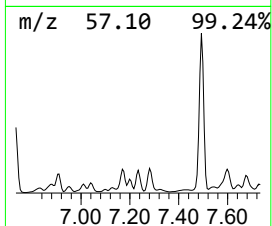
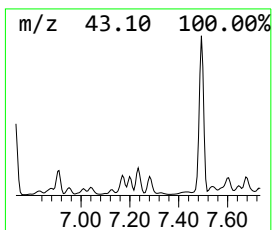
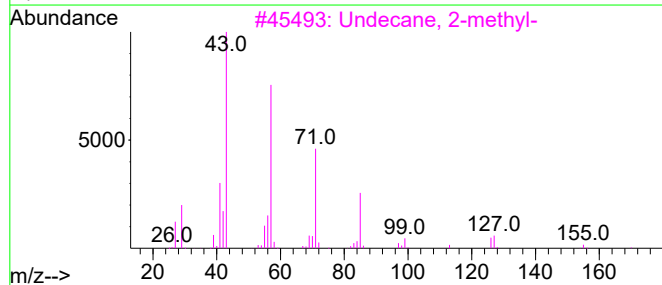
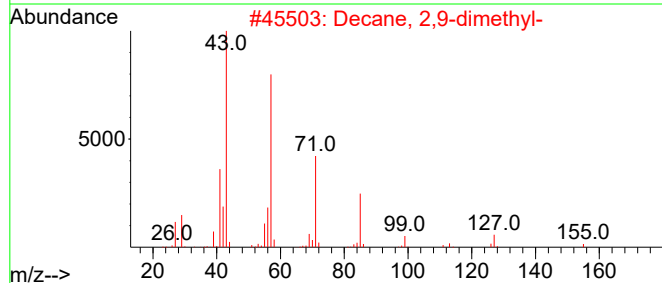
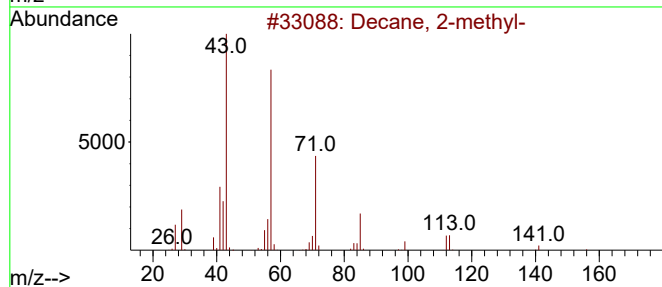
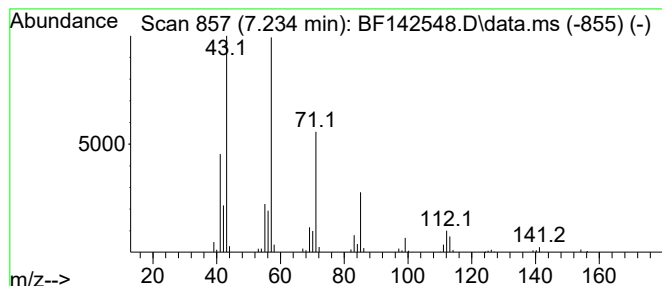
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	5.38 ng	260222	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	93
2			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	59
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	58
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-05222025

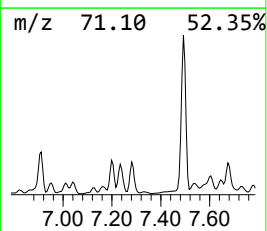
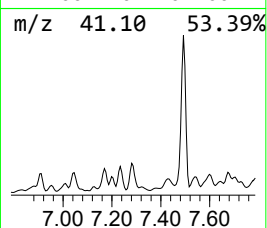
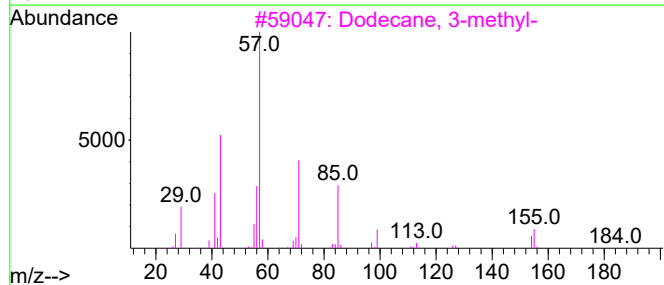
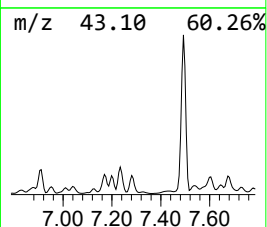
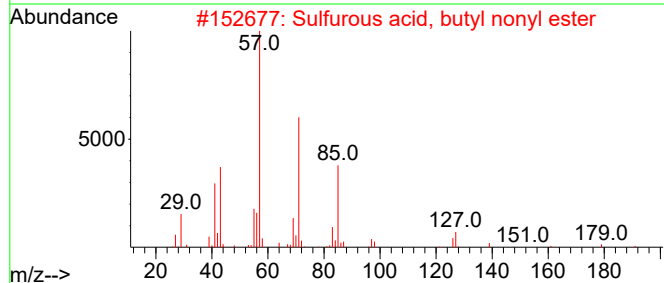
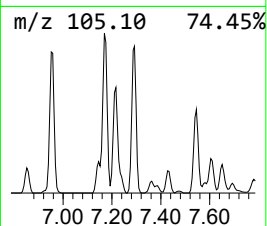
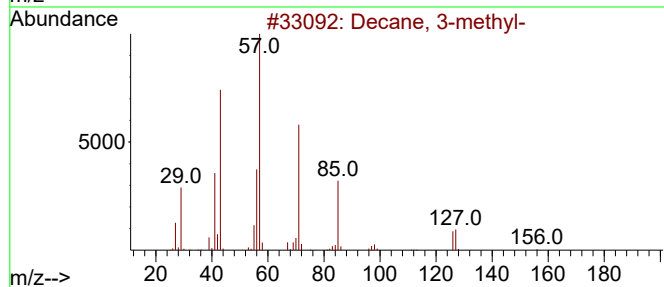
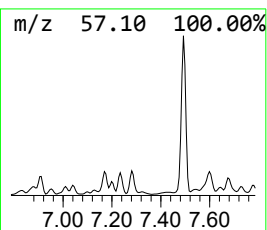
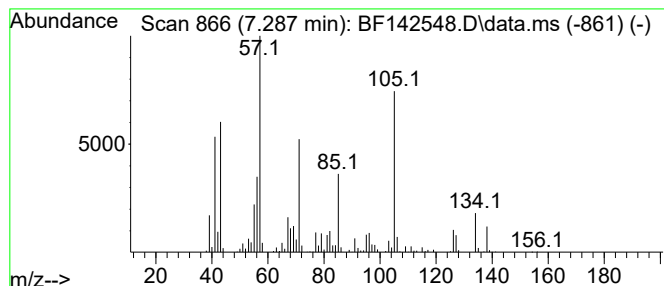
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.287	9.46 ng	457743	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	92
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	47
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	47
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-05222025

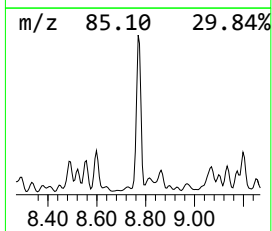
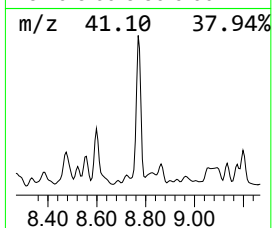
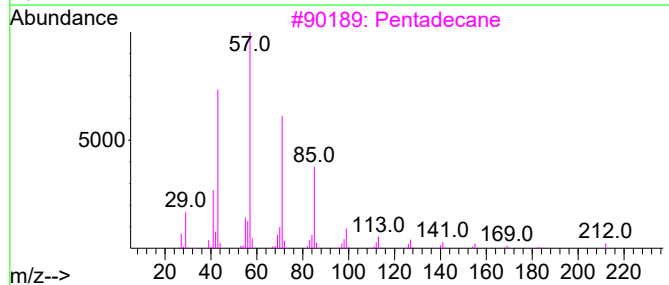
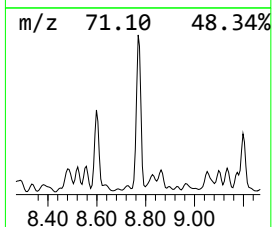
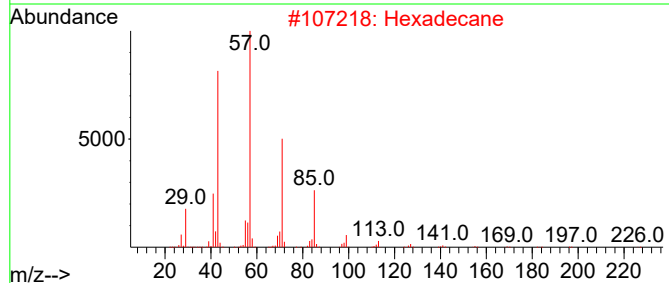
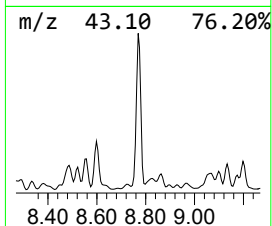
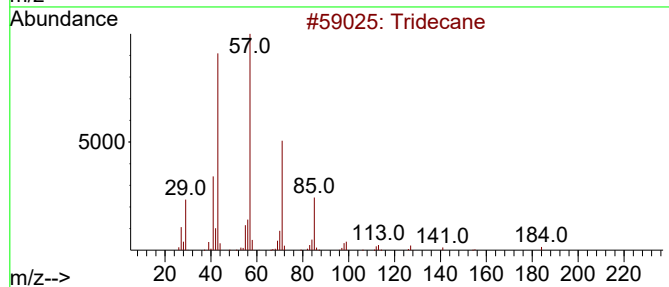
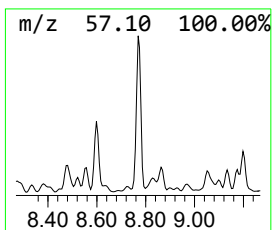
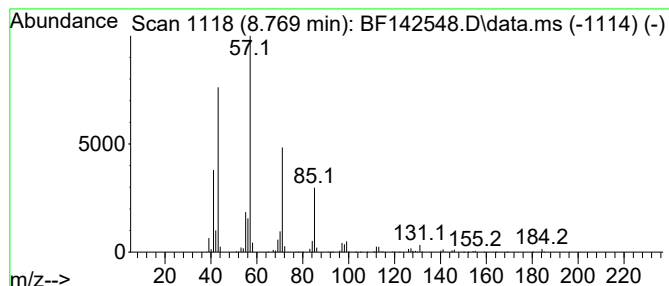
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	11.07 ng	1960480	Naphthalene-d8	8.181

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	86
4		Dodecane	170	C12H26	000112-40-3	86
5		Undecane	156	C11H24	001120-21-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-05222025

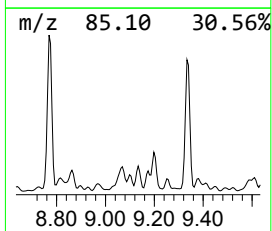
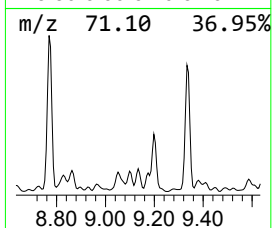
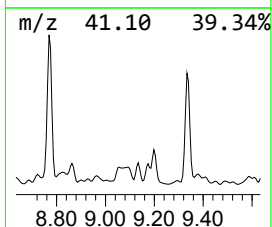
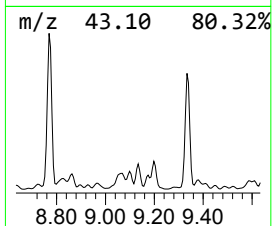
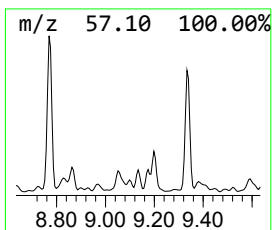
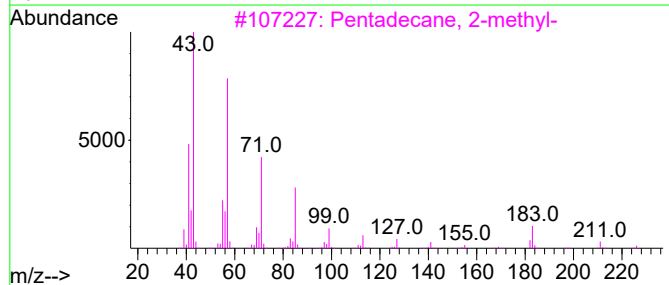
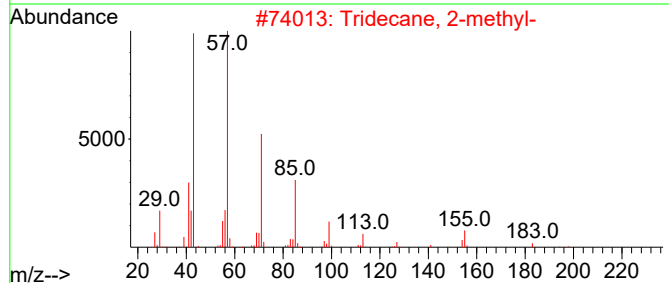
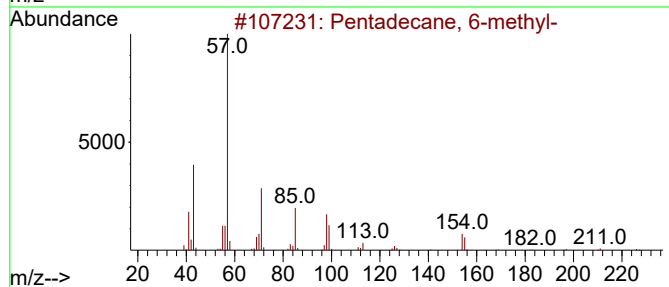
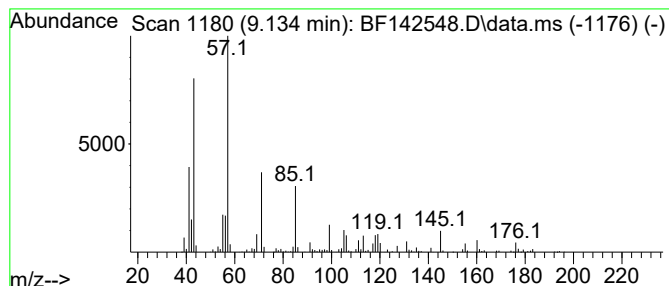
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.134	12.36 ng	443415	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	50
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	50
3			Pentadecane, 2-methyl-	226	C16H34	001560-93-6	43
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-05222025

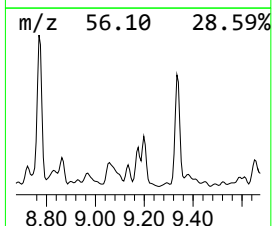
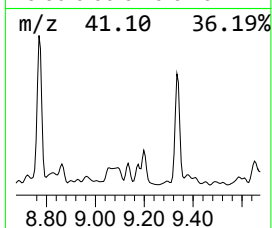
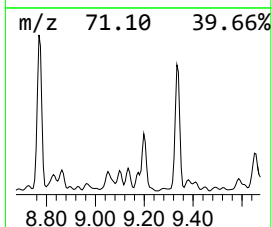
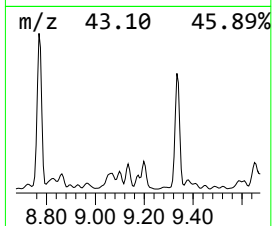
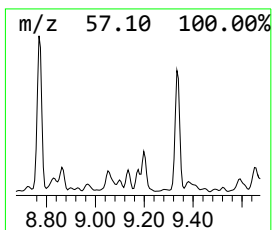
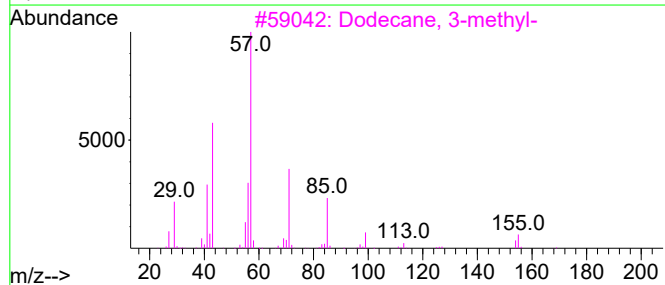
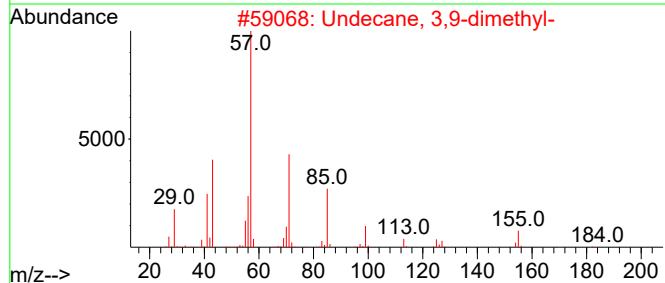
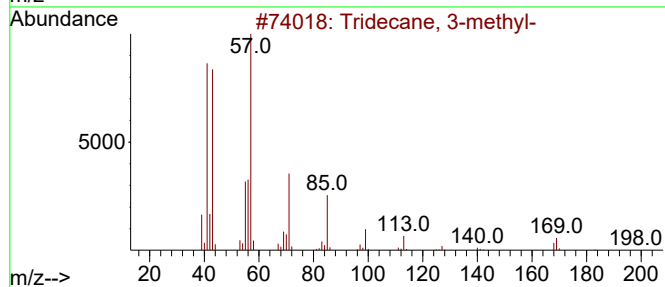
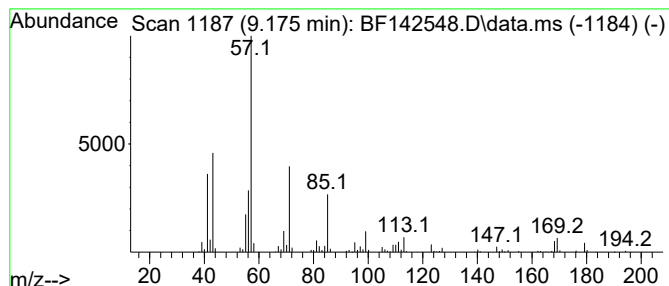
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	6.02 ng	215942	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
2			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	62
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-05222025

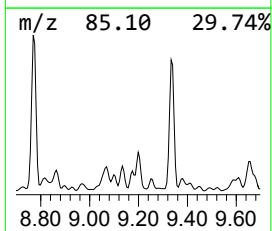
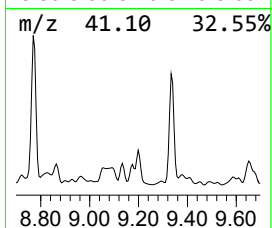
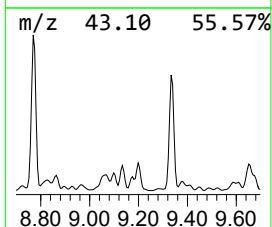
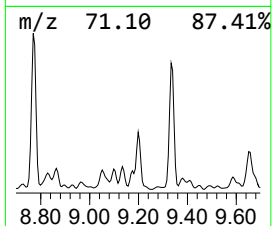
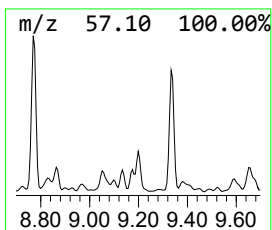
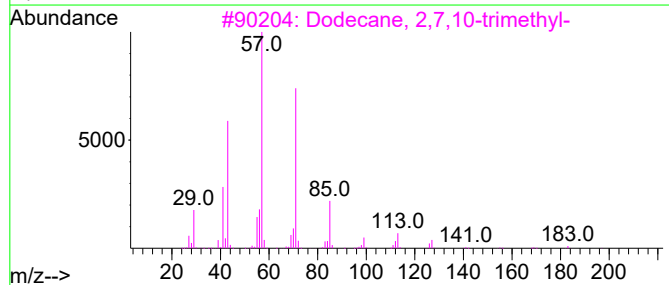
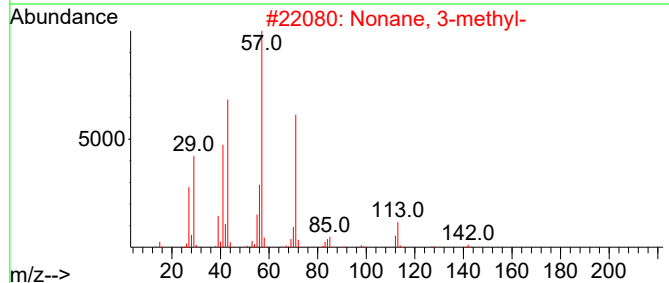
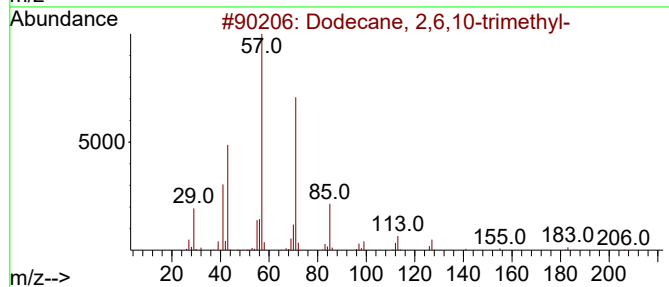
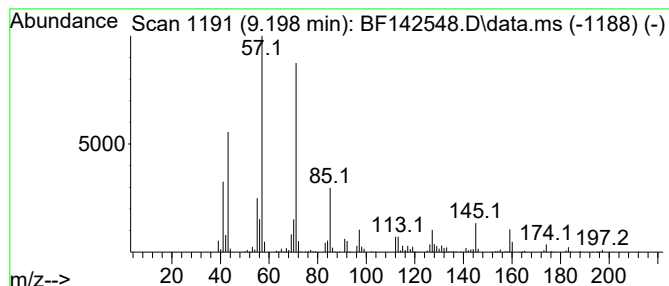
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.198	17.65 ng	633407	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	53
5			Sulfurous acid, pentadecyl penty...	362	C20H42O3S	1000309-14-8	52



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Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
EO-03-05222025

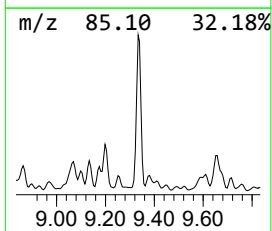
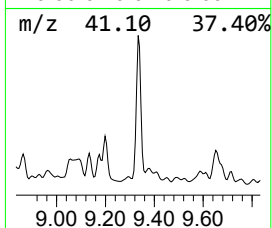
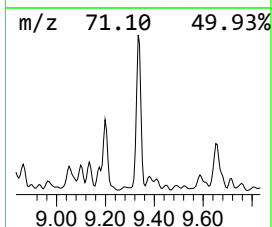
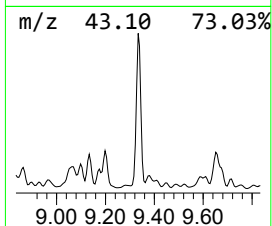
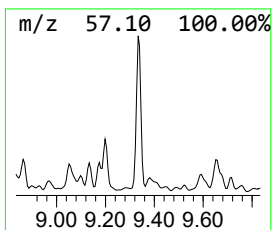
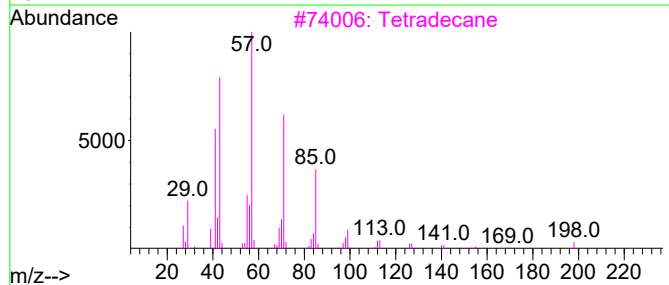
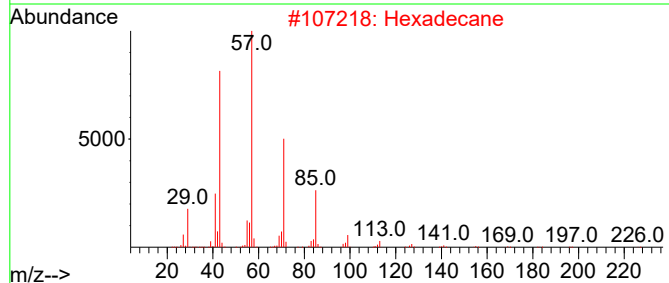
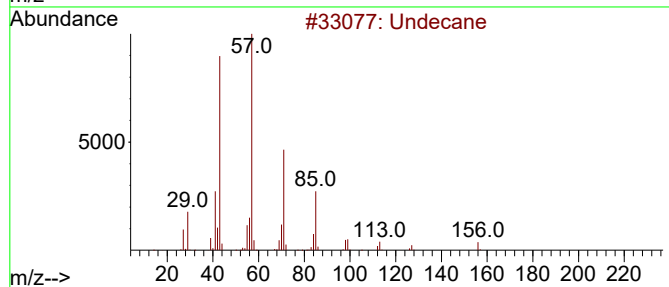
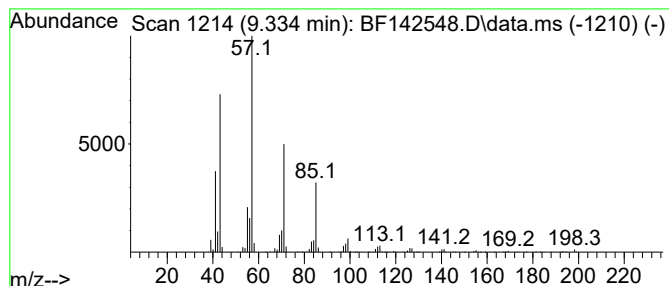
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	46.29 ng	1661070	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	90
2	Hexadecane			226	C16H34	000544-76-3	90
3	Tetradecane			198	C14H30	000629-59-4	87
4	Pentadecane			212	C15H32	000629-62-9	86
5	Silane, trichlorooctadecyl-			386	C18H37Cl3Si	000112-04-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
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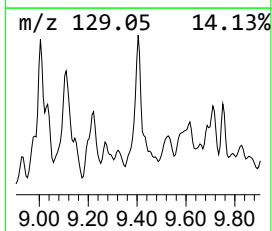
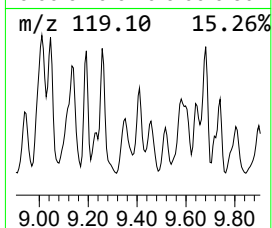
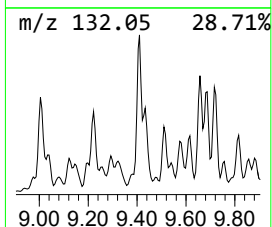
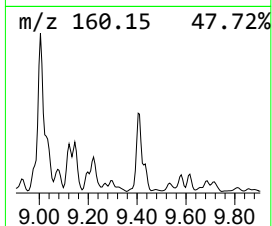
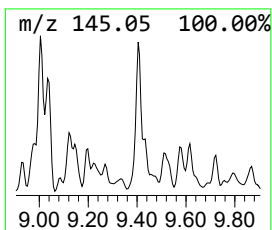
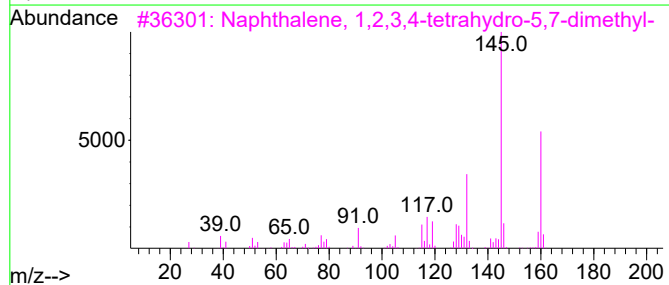
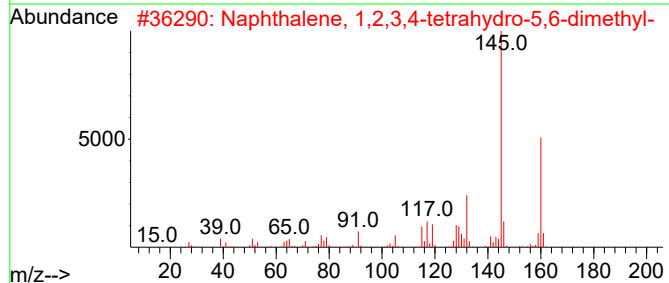
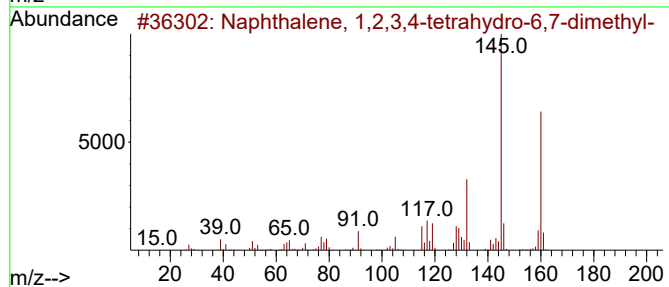
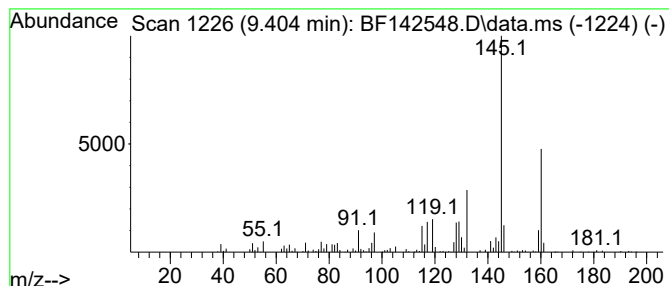
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	5.11 ng	183263	Acenaphthene-d10	9.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
4		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	92
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
EO-03-05222025

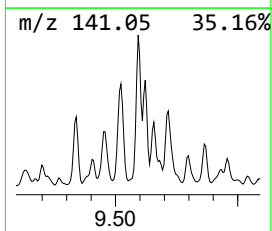
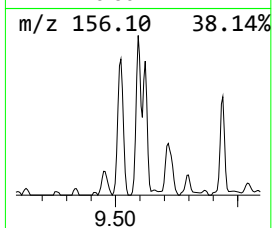
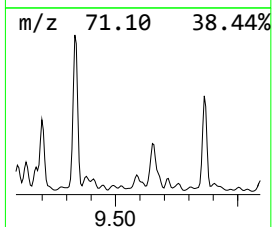
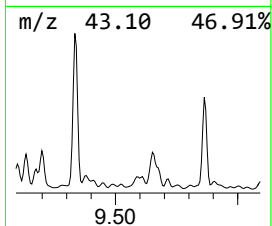
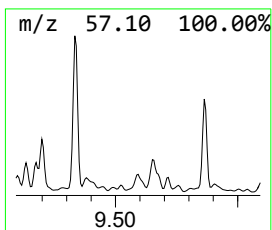
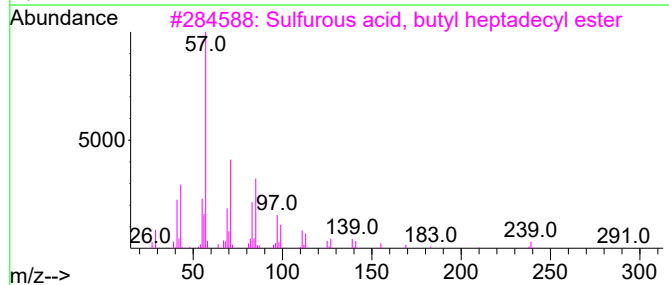
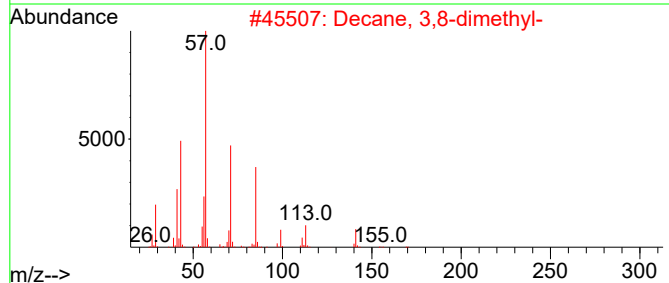
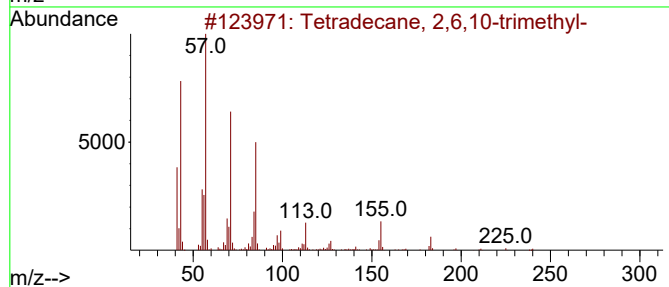
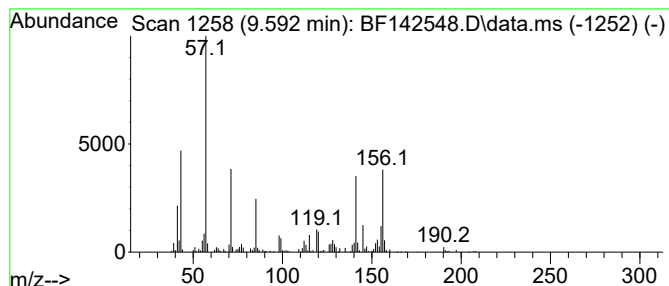
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.592 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	7.49 ng	268847	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	35
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	35
3			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
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ClientSampleId :
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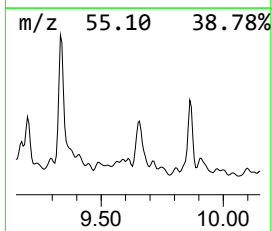
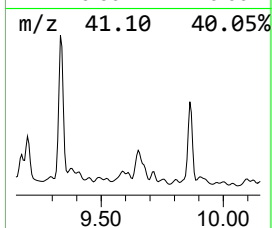
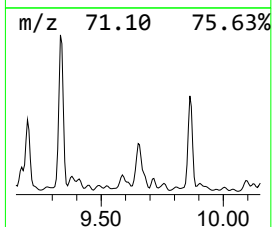
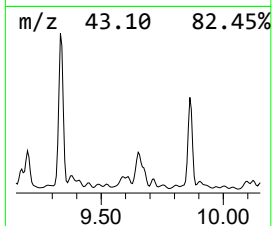
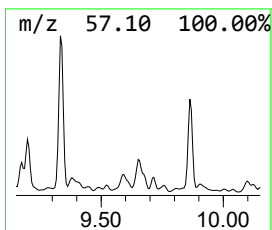
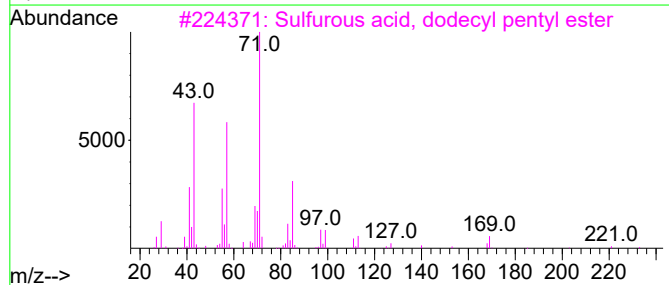
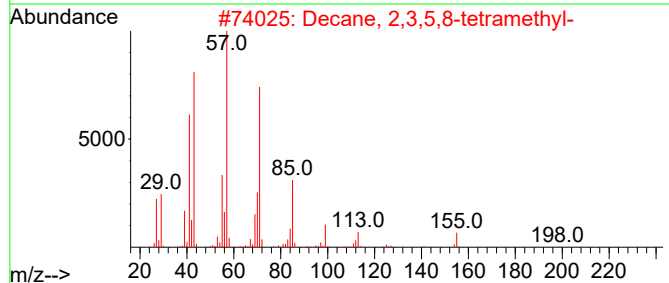
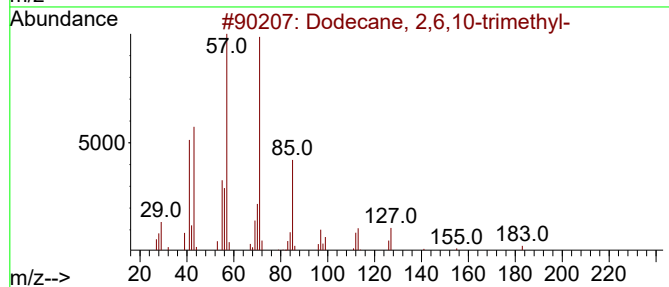
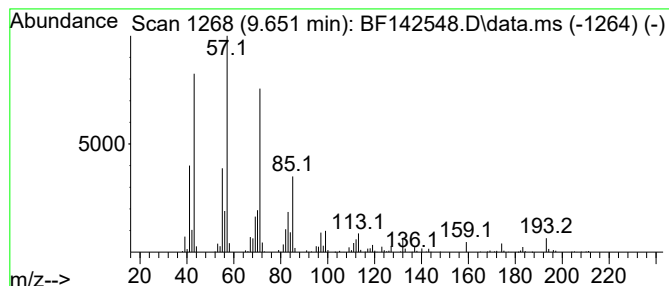
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 2,3,5,8-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	17.44 ng	625905	Acenaphthene-d10	9.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	80
3		Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	72
4		Decane, 5-propyl-	184	C13H28	017312-62-8	64
5		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
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Instrument :
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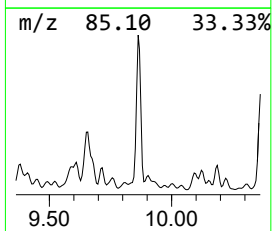
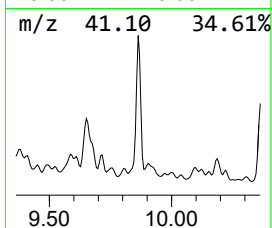
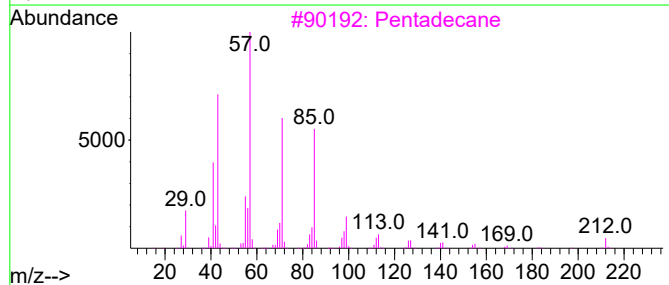
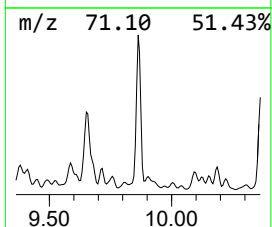
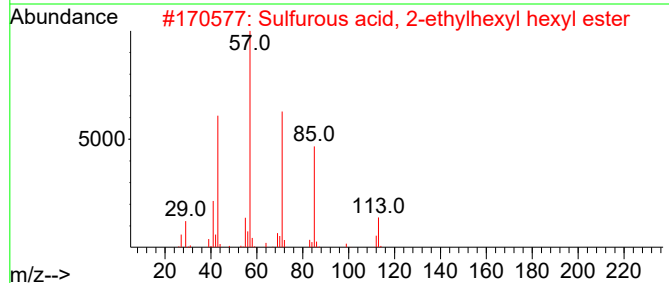
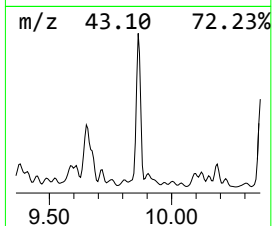
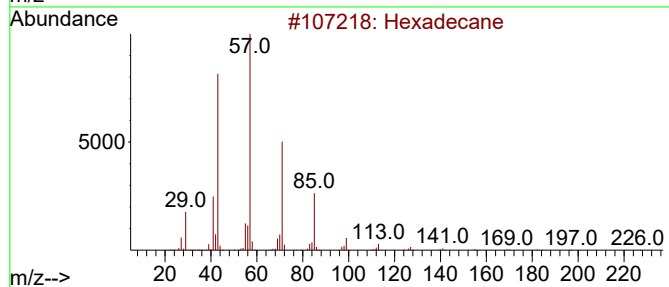
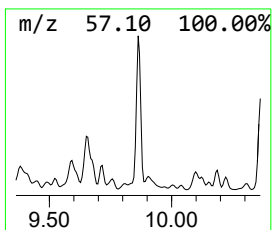
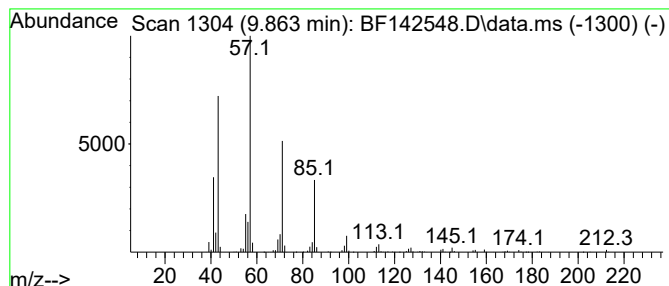
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	25.40 ng	911377	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
3			Pentadecane	212	C15H32	000629-62-9	81
4			Tridecane	184	C13H28	000629-50-5	80
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
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Acq On : 23 May 2025 21:22
Operator : RC/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-05222025

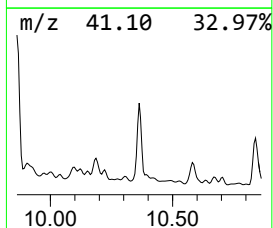
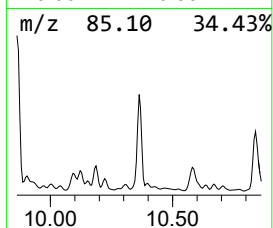
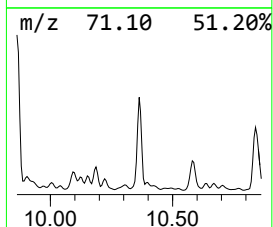
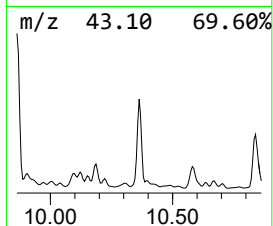
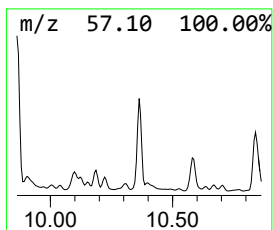
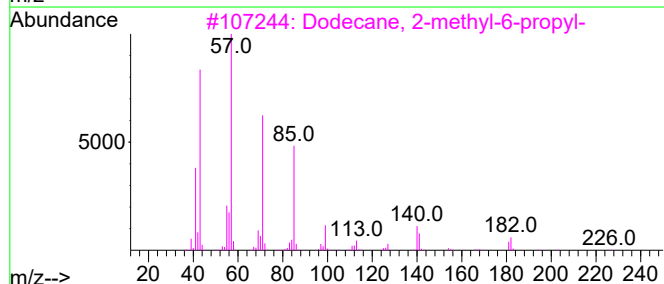
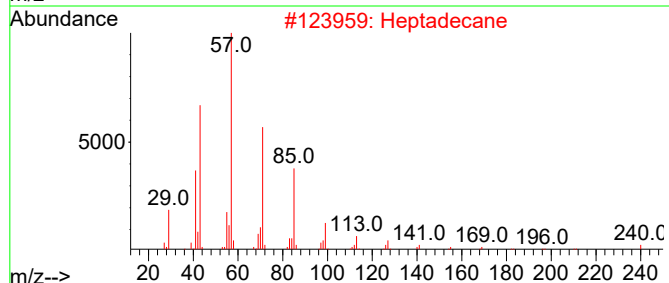
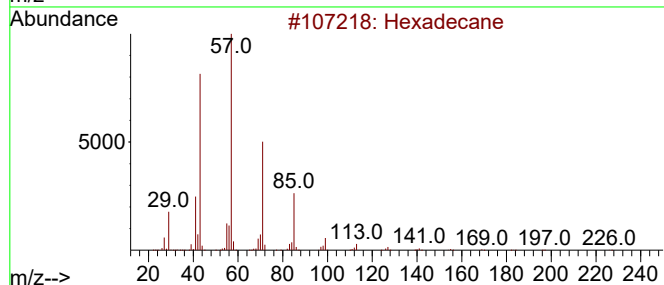
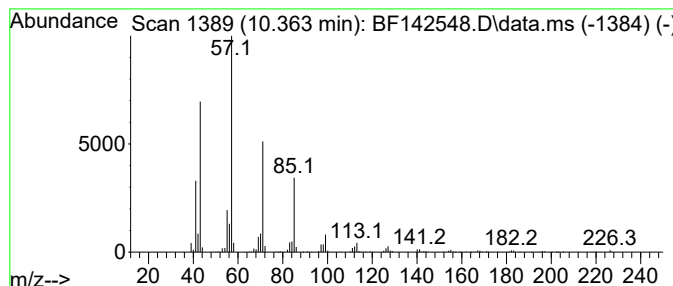
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	15.75 ng	565261	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Heptadecane	240	C17H36	000629-78-7	90
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Nonadecane	268	C19H40	000629-92-5	86
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
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Sample : Q2112-01 2X
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ALS Vial : 23 Sample Multiplier: 1

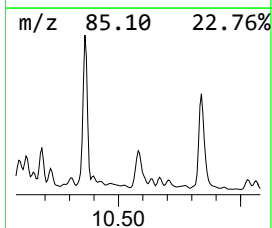
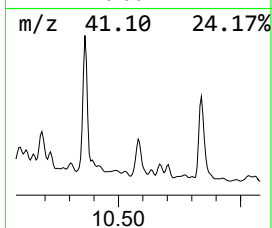
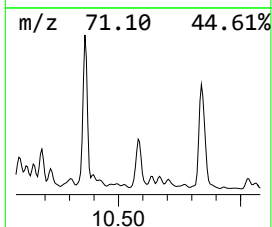
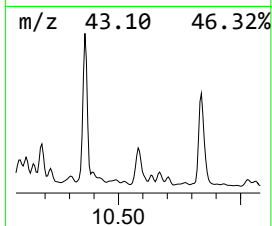
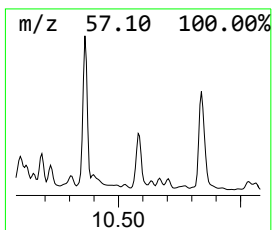
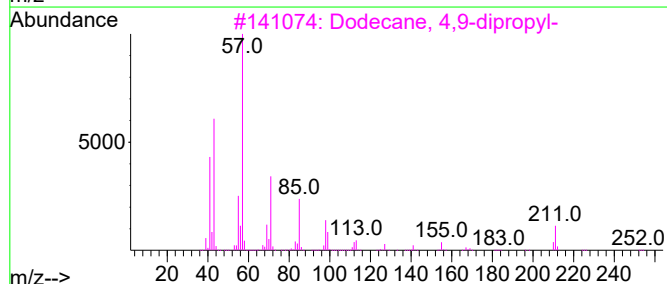
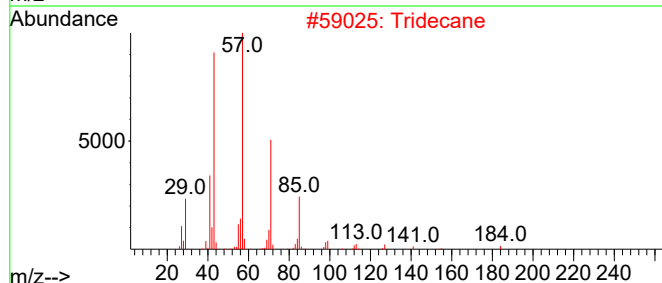
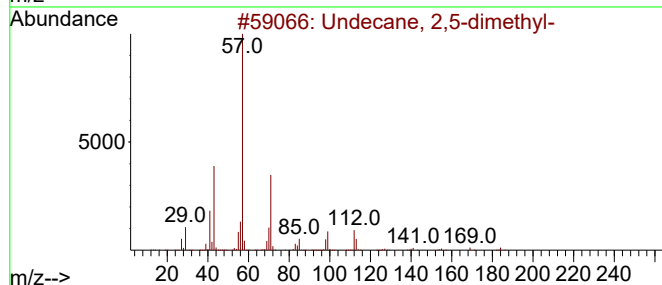
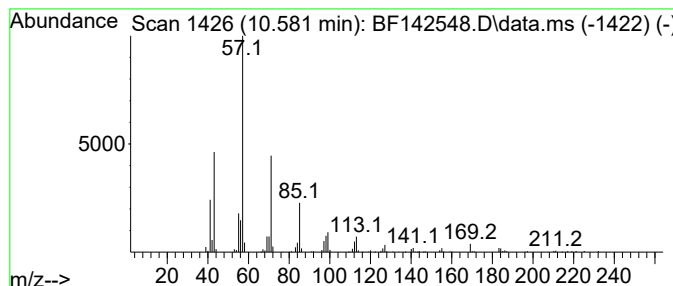
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ClientSampleId :
EO-03-05222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.581	6.27 ng	224950	Acenaphthene-d10		9.939	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76
2	Tridecane		184	C13H28	000629-50-5	72
3	Dodecane, 4,9-dipropyl-		254	C18H38	003054-63-5	72
4	Tridecane, 6-methyl-		198	C14H30	013287-21-3	72
5	Hexadecane		226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-05222025

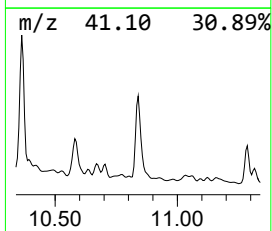
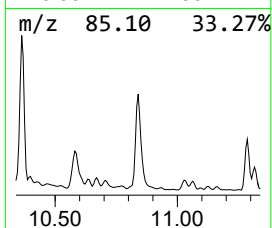
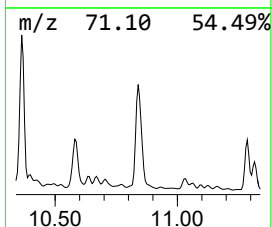
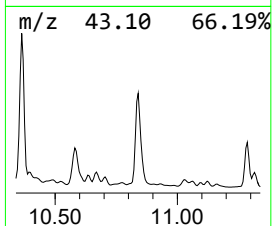
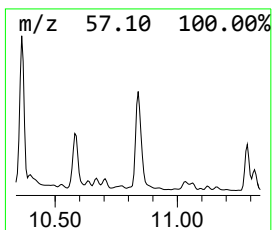
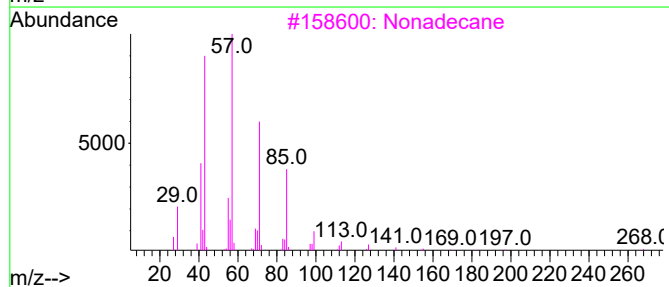
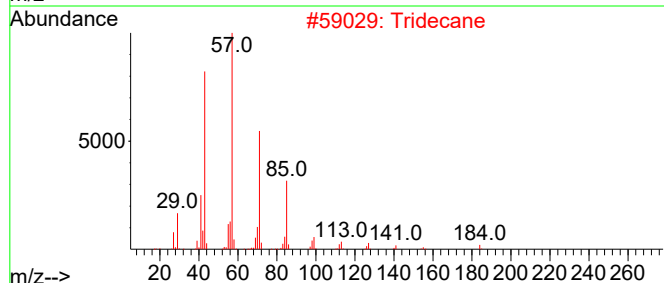
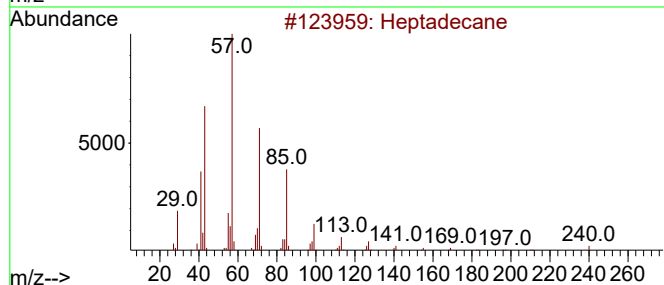
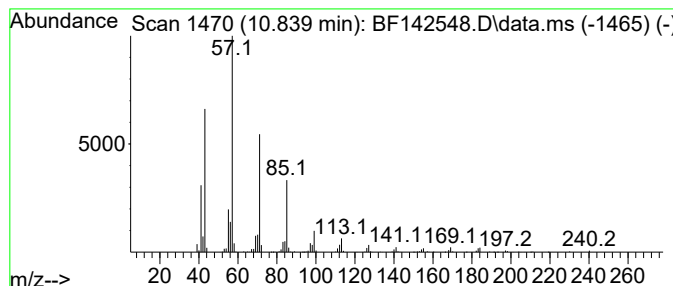
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	13.25 ng	486276	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Tridecane	184	C13H28	000629-50-5	93
3		Nonadecane	268	C19H40	000629-92-5	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-05222025

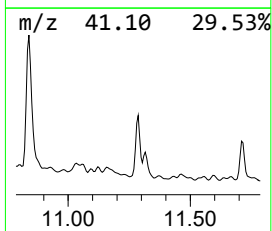
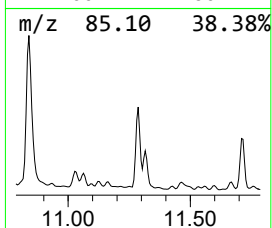
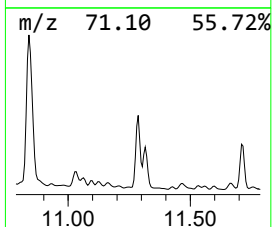
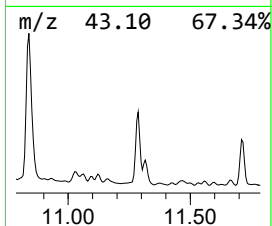
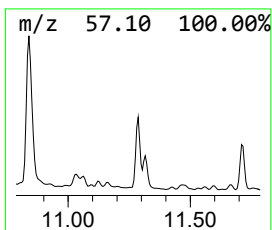
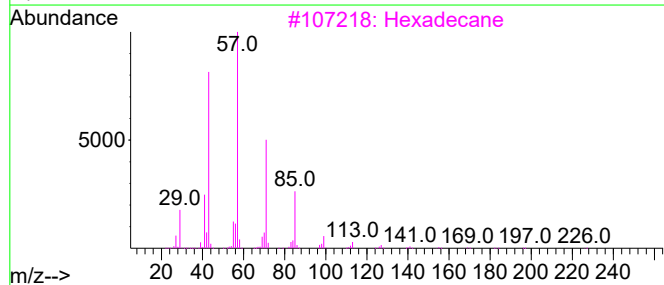
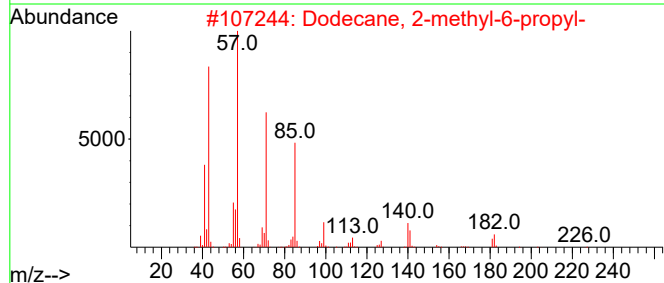
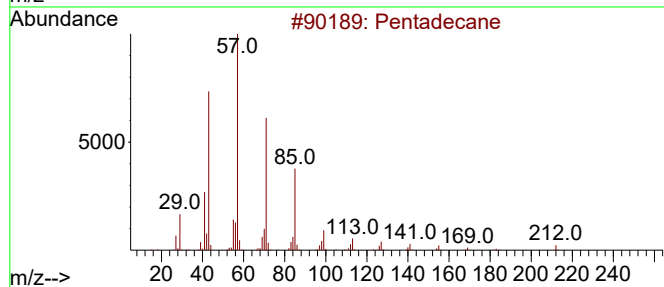
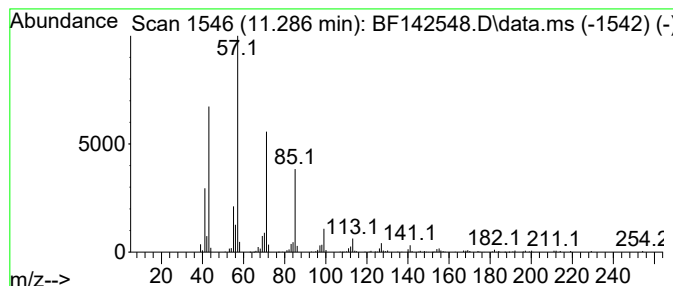
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	5.10 ng	187306	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	96
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-05222025

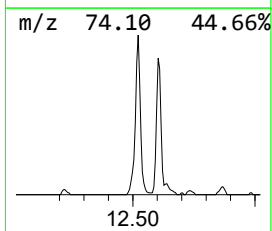
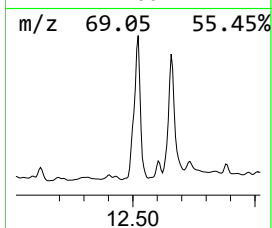
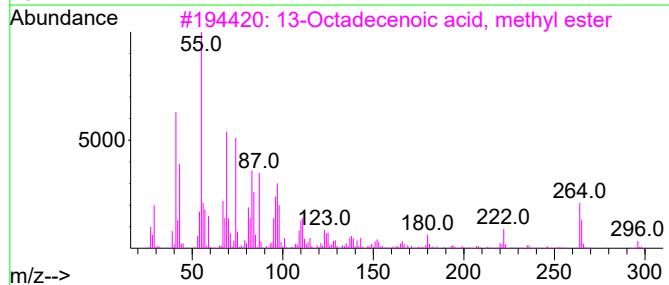
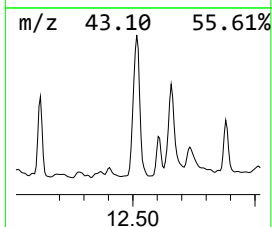
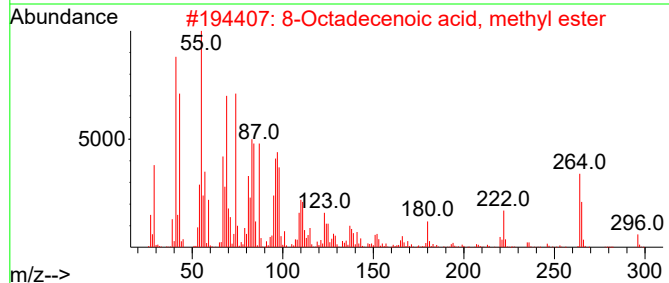
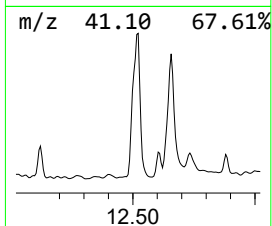
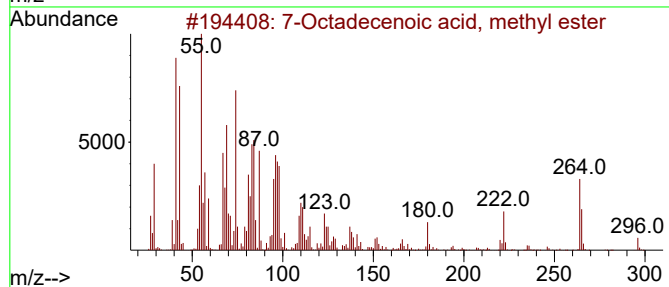
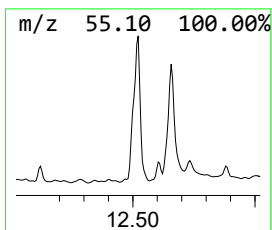
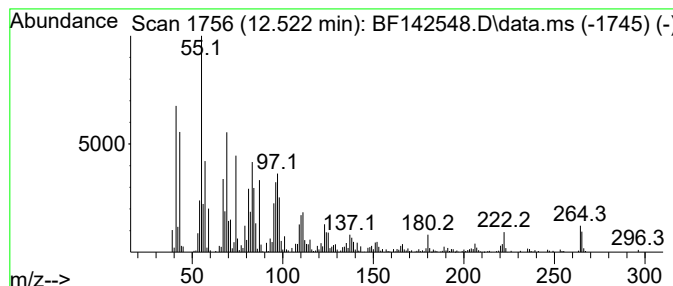
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 7-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	23.28 ng	854442	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
2		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142548.D
Acq On : 23 May 2025 21:22
Operator : RC/JU
Sample : Q2112-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-05222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
unknown6.428	6.428	4.3	ng	205974	1	6.898	967545	20.0
Decane	6.734	16.5	ng	796077	1	6.898	967545	20.0
unknown7.169	7.169	8.7	ng	419798	1	6.898	967545	20.0
Benzene, 1-ethy...	7.204	6.9	ng	331723	1	6.898	967545	20.0
Decane, 2-methyl-	7.234	5.4	ng	260222	1	6.898	967545	20.0
Decane, 3-methyl-	7.287	9.5	ng	457743	1	6.898	967545	20.0
Tridecane	8.769	11.1	ng	1960480	2	8.181	3543320	20.0
Pentadecane, 6-...	9.134	12.4	ng	443415	3	9.939	717656	20.0
Tridecane, 3-me...	9.175	6.0	ng	215942	3	9.939	717656	20.0
Dodecane, 2,6,1...	9.198	17.6	ng	633407	3	9.939	717656	20.0
Undecane	9.334	46.3	ng	1661070	3	9.939	717656	20.0
Naphthalene, 1,...	9.404	5.1	ng	183263	3	9.939	717656	20.0
unknown9.592	9.592	7.5	ng	268847	3	9.939	717656	20.0
Decane, 2,3,5,8...	9.651	17.4	ng	625905	3	9.939	717656	20.0
Hexadecane	9.863	25.4	ng	911377	3	9.939	717656	20.0
Heptadecane	10.363	15.8	ng	565261	3	9.939	717656	20.0
Undecane, 2,5-d...	10.581	6.3	ng	224950	3	9.939	717656	20.0
Nonadecane	10.839	13.3	ng	486276	4	11.422	734096	20.0
Pentadecane	11.286	5.1	ng	187306	4	11.422	734096	20.0
7-Octadecenoic ...	12.522	23.3	ng	854442	4	11.422	734096	20.0