

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142486.D
 Acq On : 21 May 2025 14:37
 Operator : RC/JU
 Sample : Q2075-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-11

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: BF142486.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	488	494	504	rVB	96165	145623	7.16%	0.819%
2	5.504	556	563	568	rBV	1027101	1376919	67.75%	7.745%
3	5.804	610	614	619	rVB	18239	22507	1.11%	0.127%
4	6.428	716	720	723	rBV2	17760	20962	1.03%	0.118%
5	6.516	727	735	740	rBV	1070636	1435606	70.63%	8.076%
6	6.728	766	771	779	rVB2	60750	88340	4.35%	0.497%
7	6.898	795	800	806	rVV	291826	369921	18.20%	2.081%
8	7.169	839	846	849	rBV3	24821	33247	1.64%	0.187%
9	7.210	849	853	861	rVB3	20007	47719	2.35%	0.268%
10	7.287	861	866	870	rBV2	22204	34361	1.69%	0.193%
11	7.457	886	895	899	rBV	702009	929237	45.72%	5.227%
12	7.492	899	901	905	rVV	69550	70934	3.49%	0.399%
13	7.540	905	909	913	rVB4	16230	25077	1.23%	0.141%
14	7.592	913	918	923	rBV5	9456	24252	1.19%	0.136%
15	7.704	933	937	945	rVB3	38707	72686	3.58%	0.409%
16	7.798	945	953	955	rBV5	19028	37826	1.86%	0.213%
17	7.857	960	963	967	rVV3	21158	30733	1.51%	0.173%
18	7.922	971	974	980	rVB4	30761	53762	2.65%	0.302%
19	8.181	1005	1018	1024	rBV	398988	688116	33.86%	3.871%
20	8.234	1024	1027	1031	rVV3	44812	65803	3.24%	0.370%
21	8.269	1031	1033	1040	rVB5	15930	25565	1.26%	0.144%
22	8.381	1048	1052	1057	rBV4	18512	28378	1.40%	0.160%
23	8.475	1063	1068	1073	rBV5	38456	64754	3.19%	0.364%
24	8.557	1079	1082	1086	rVV4	29693	37538	1.85%	0.211%
25	8.598	1086	1089	1095	rVB	36740	45789	2.25%	0.258%
26	8.686	1100	1104	1108	rBV2	48977	64475	3.17%	0.363%
27	8.769	1114	1118	1122	rBV	135299	163923	8.07%	0.922%
28	8.892	1137	1139	1143	rVB	20780	21078	1.04%	0.119%
29	9.004	1153	1158	1163	rBV4	40672	64205	3.16%	0.361%
30	9.133	1176	1180	1184	rVB3	37117	57727	2.84%	0.325%
31	9.175	1184	1187	1188	rBV	21532	21325	1.05%	0.120%
32	9.198	1188	1191	1196	rVV4	33795	44550	2.19%	0.251%
33	9.257	1196	1201	1206	rVB	1258270	1533797	75.46%	8.628%
34	9.334	1210	1214	1219	rBV	164134	214995	10.58%	1.209%
35	9.404	1223	1226	1230	rVB	31898	41946	2.06%	0.236%
36	9.522	1242	1246	1251	rVB3	26539	45405	2.23%	0.255%

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Integrator: RTE

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Filtering: 5

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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

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37	9.592	1251	1258	1260	rBV5	50995	97903	4.82%	0.551%
38	9.651	1264	1268	1271	rBV4	56658	82864	4.08%	0.466%
39	9.716	1276	1279	1283	rVB2	45821	56865	2.80%	0.320%
40	9.804	1290	1294	1297	rBV4	17182	27402	1.35%	0.154%
41	9.863	1300	1304	1309	rVV	186217	235618	11.59%	1.325%
42	9.939	1309	1317	1321	rVV	437157	590507	29.05%	3.322%
43	10.039	1331	1334	1339	rVB	23164	30613	1.51%	0.172%
44	10.098	1340	1344	1346	rBV2	31993	48483	2.39%	0.273%
45	10.186	1355	1359	1363	rBV5	39848	55940	2.75%	0.315%
46	10.257	1368	1371	1377	rVB6	21370	38785	1.91%	0.218%
47	10.363	1384	1389	1393	rBV	201276	261339	12.86%	1.470%
48	10.480	1405	1409	1410	rBV3	17207	23447	1.15%	0.132%
49	10.586	1422	1427	1433	rVB	74263	121229	5.96%	0.682%
50	10.651	1433	1438	1444	rBV	145320	207398	10.20%	1.167%
51	10.728	1445	1451	1455	rBV	941882	1237891	60.91%	6.963%
52	10.839	1466	1470	1479	rVB	227947	372564	18.33%	2.096%
53	11.033	1499	1503	1505	rBV2	25391	36728	1.81%	0.207%
54	11.063	1505	1508	1512	rVB4	28078	37365	1.84%	0.210%
55	11.286	1542	1546	1549	rBV	180923	235362	11.58%	1.324%
56	11.316	1549	1551	1557	rVB	82145	115081	5.66%	0.647%
57	11.427	1565	1570	1585	rBV	484309	728629	35.85%	4.099%
58	11.669	1608	1611	1615	rVB3	21768	26776	1.32%	0.151%
59	11.716	1615	1619	1624	rVB	152421	180491	8.88%	1.015%
60	11.816	1633	1636	1643	rVB2	26558	35799	1.76%	0.201%
61	11.880	1644	1647	1652	rBV2	13472	23514	1.16%	0.132%
62	11.951	1654	1659	1667	rVV	225185	323825	15.93%	1.822%
63	12.122	1684	1688	1693	rVB	121851	153695	7.56%	0.865%
64	12.516	1750	1755	1761	rVB	111160	163759	8.06%	0.921%
65	12.610	1768	1771	1773	rBV2	17201	20842	1.03%	0.117%
66	12.639	1773	1776	1780	rVV	70225	93459	4.60%	0.526%
67	12.680	1780	1783	1788	rVB	26118	35778	1.76%	0.201%
68	12.733	1788	1792	1799	rBV	32261	59694	2.94%	0.336%
69	12.880	1810	1817	1830	rVB2	90724	210609	10.36%	1.185%
70	13.010	1834	1839	1848	rVB	1510420	2032476	100.00%	11.433%
71	13.239	1874	1878	1885	rBV2	53996	80751	3.97%	0.454%
72	13.580	1932	1936	1946	rVB	41243	65282	3.21%	0.367%
73	13.910	1988	1992	2006	rVB	69460	127995	6.30%	0.720%
74	14.068	2012	2019	2029	rVB	516850	733409	36.08%	4.126%
75	14.227	2042	2046	2052	rBV	23412	31125	1.53%	0.175%
76	14.533	2094	2098	2103	rBV	23209	34112	1.68%	0.192%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.845	2147	2151	2156	rBV	15444	22799	1.12%	0.128%
78	15.121	2193	2198	2206	rBV	18458	42582	2.10%	0.240%
79	15.492	2257	2261	2266	rVB	15036	21864	1.08%	0.123%
80	15.557	2266	2272	2286	rBV	346219	565365	27.82%	3.180%

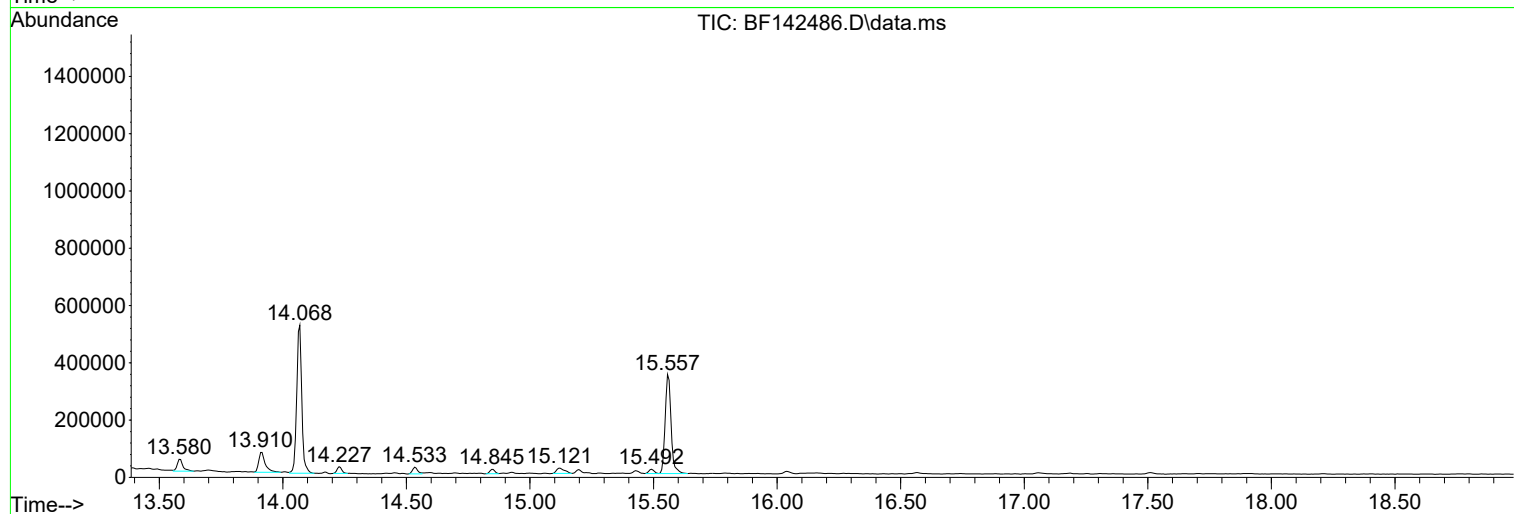
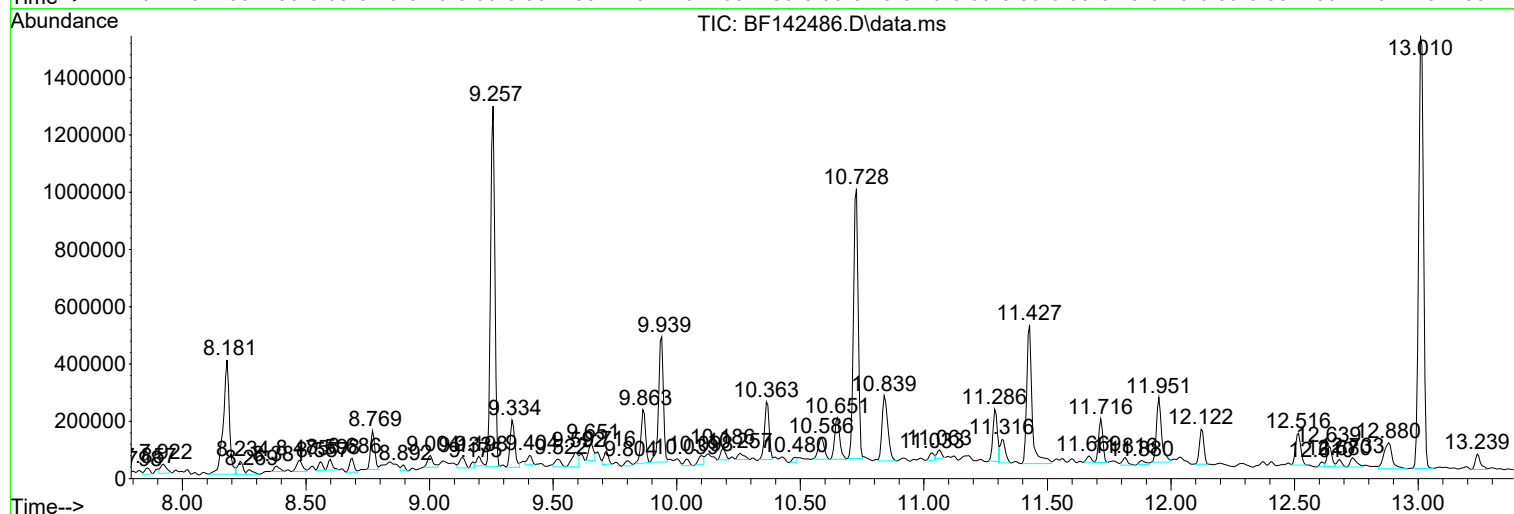
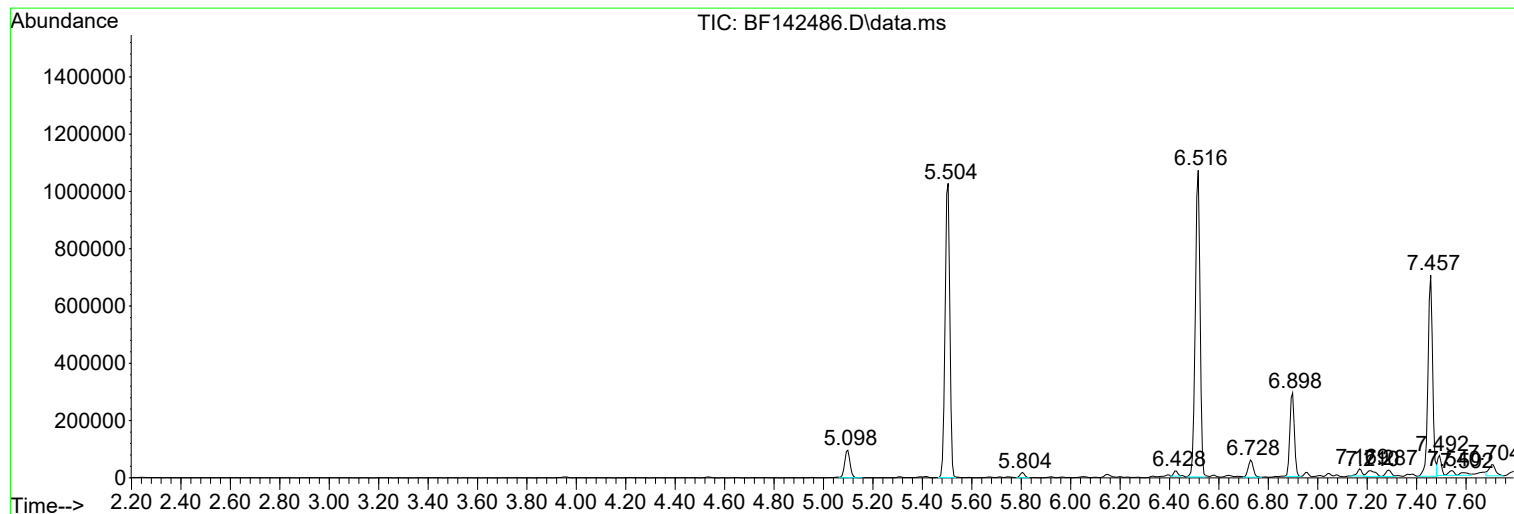
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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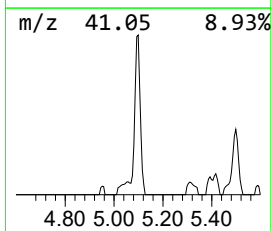
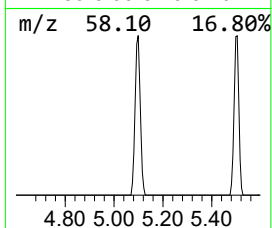
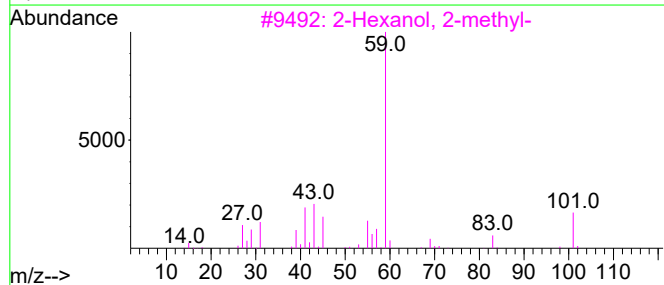
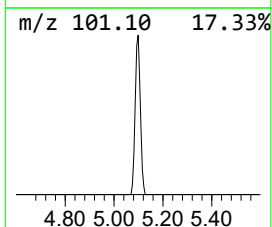
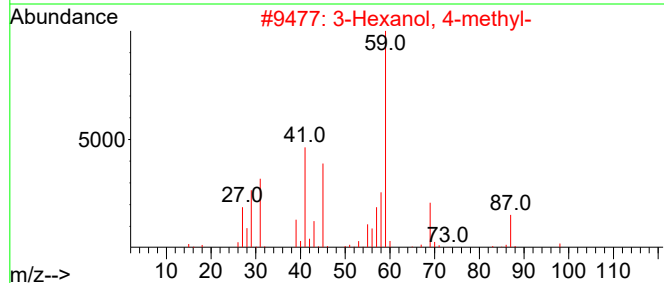
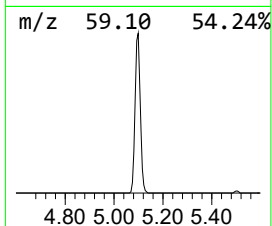
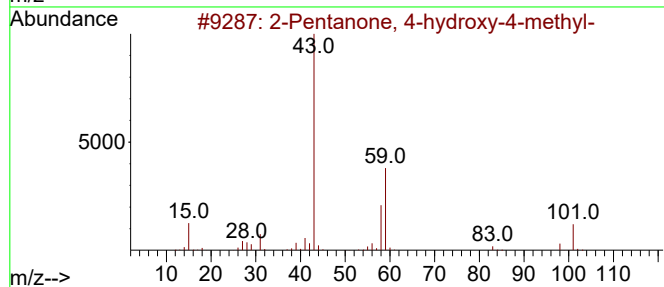
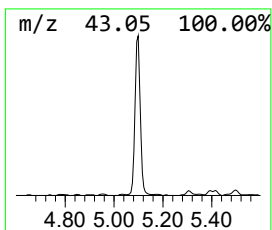
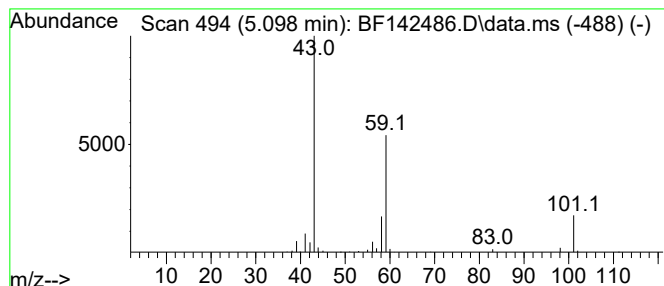
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	7.87 ng	145623	1,4-Dichlorobenzene-d4	6.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28	
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10	



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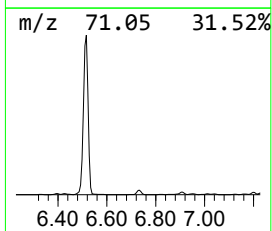
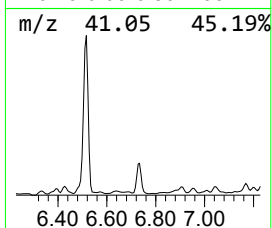
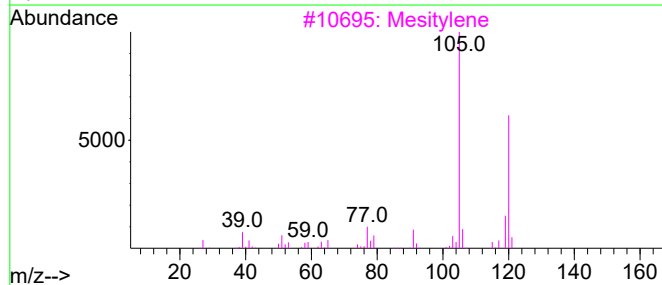
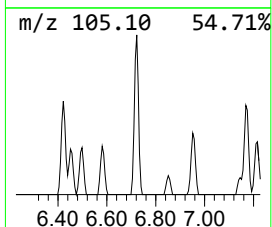
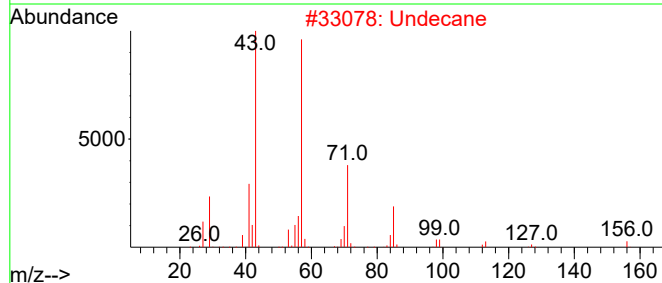
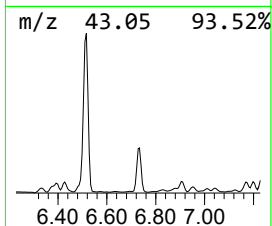
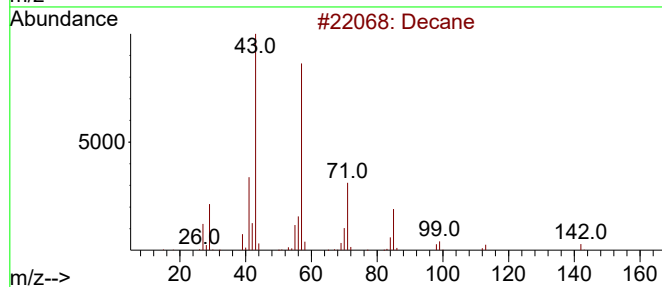
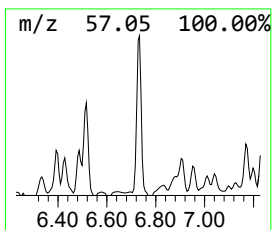
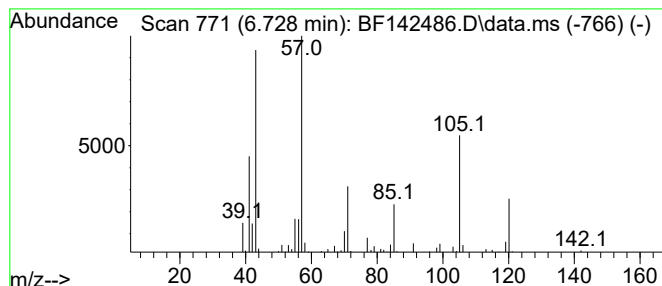
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	4.78 ng	88340	1,4-Dichlorobenzene-d4	6.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	90
2		Undecane	156	C11H24	001120-21-4	49
3		Mesitylene	120	C9H12	000108-67-8	42
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	38
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	38



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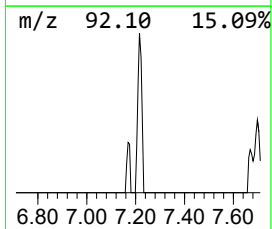
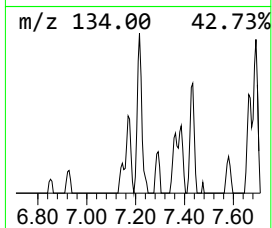
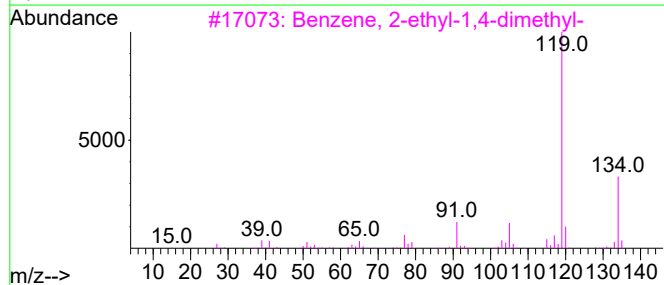
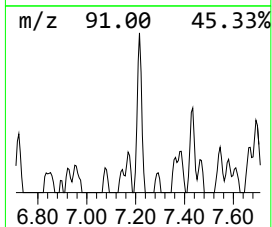
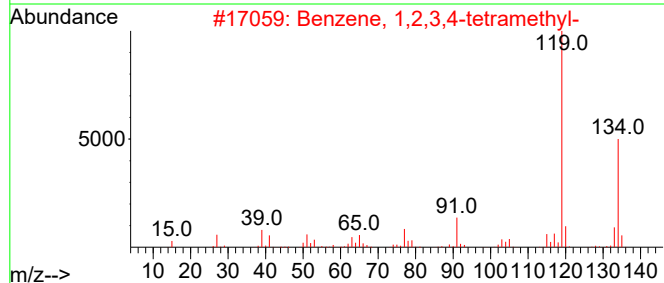
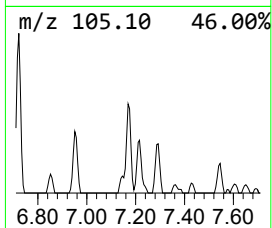
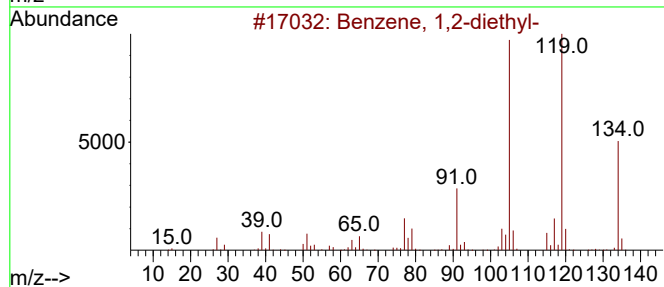
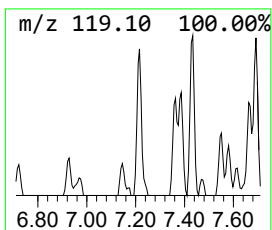
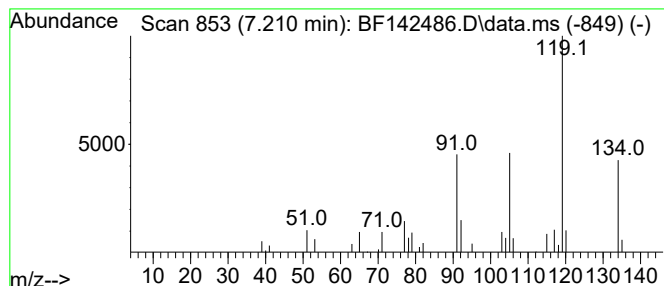
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	2.58 ng	47719	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



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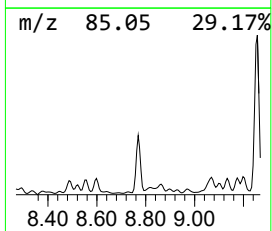
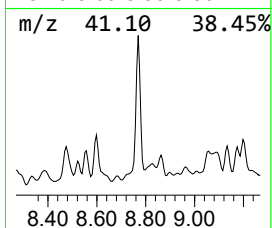
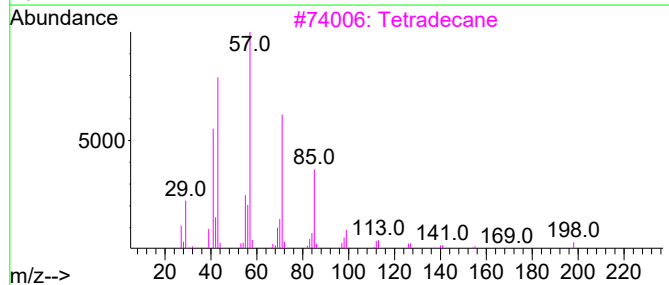
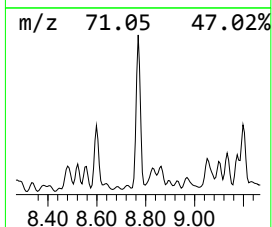
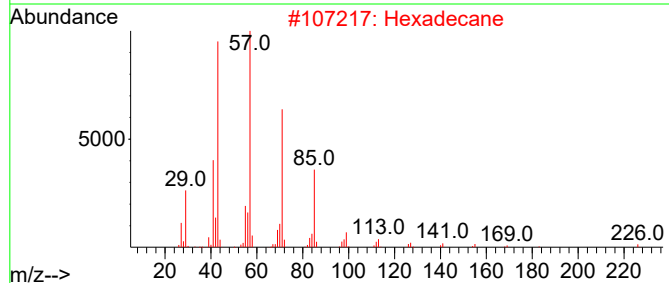
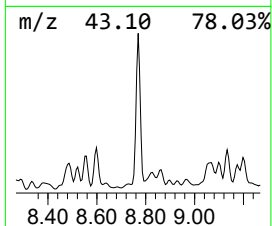
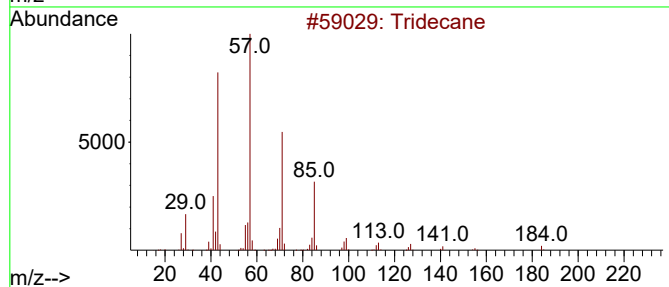
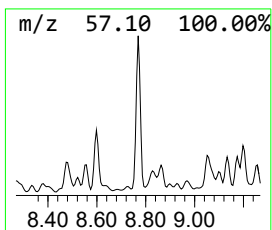
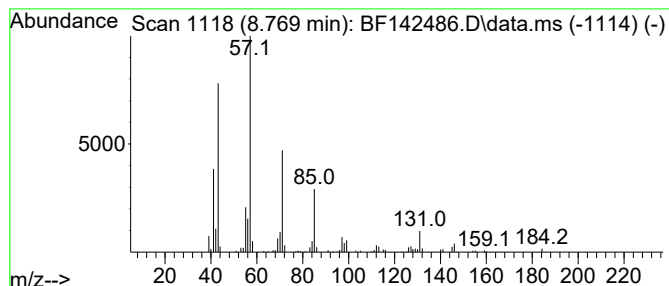
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	4.76 ng	163923	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	74
3			Tetradecane	198	C14H30	000629-59-4	72
4			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
Operator : RC/JU
Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11

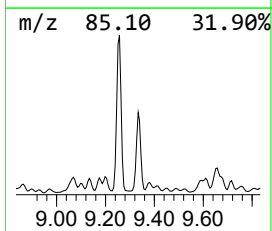
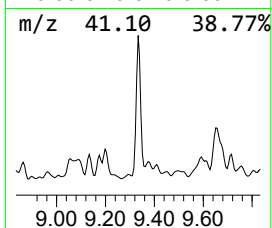
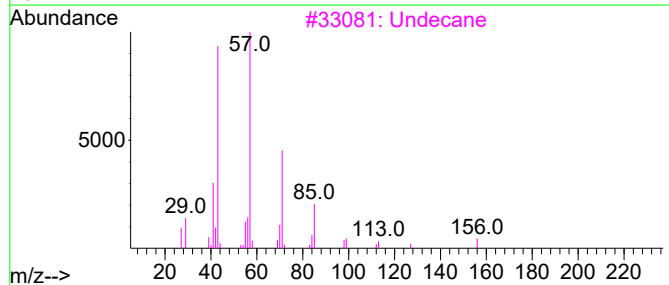
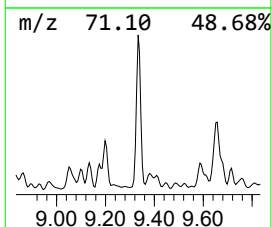
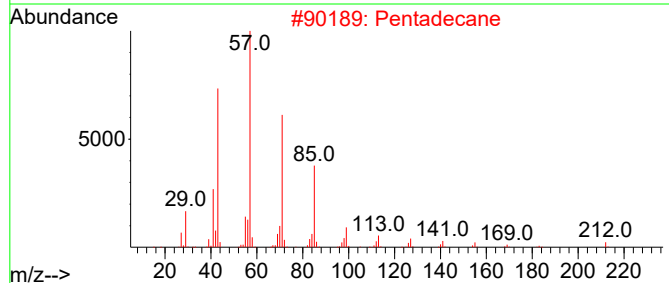
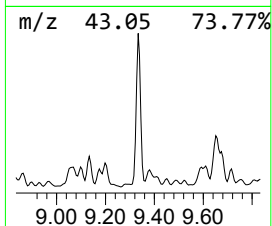
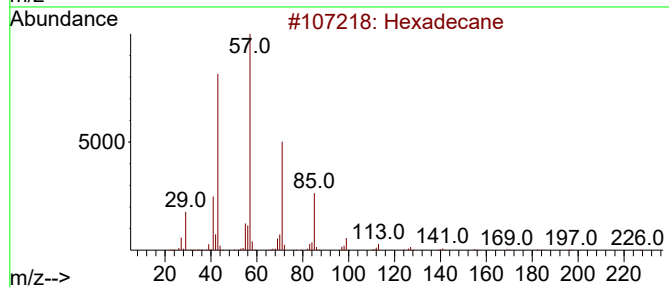
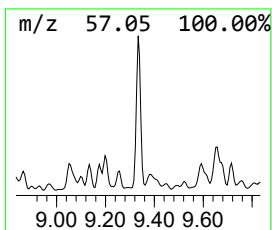
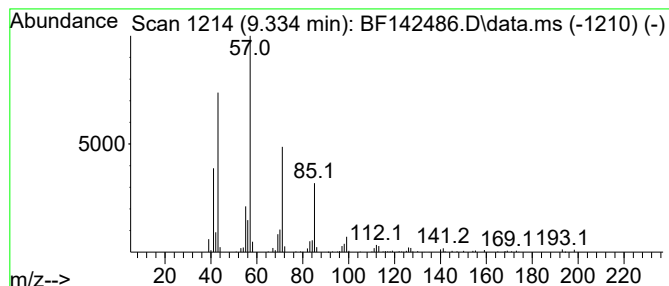
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	7.28 ng	214995	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Undecane	156	C11H24	001120-21-4	86
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
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Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11

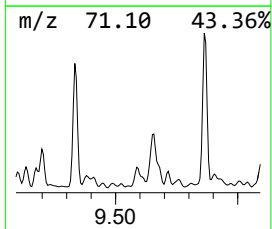
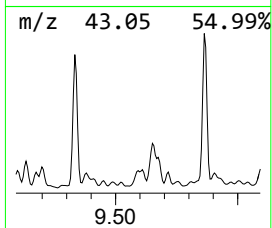
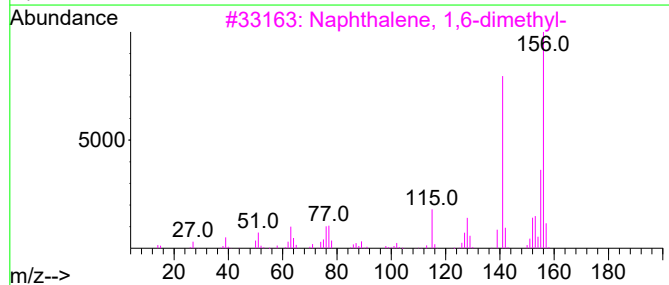
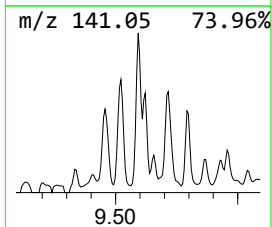
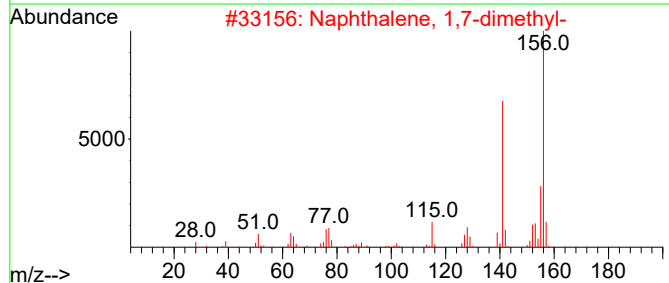
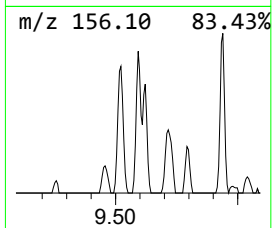
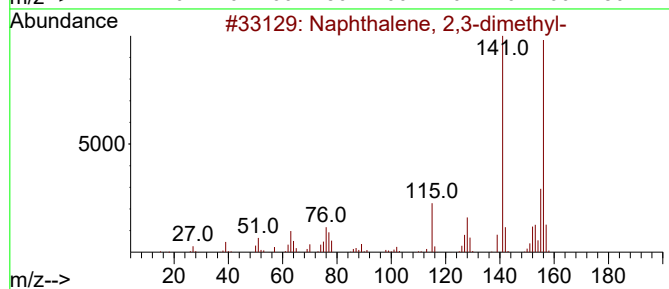
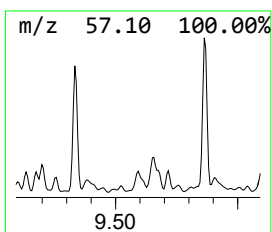
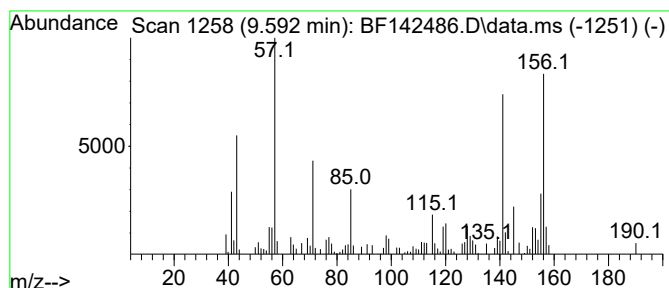
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	3.32 ng	97903	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
Operator : RC/JU
Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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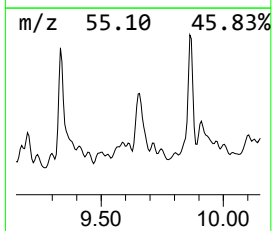
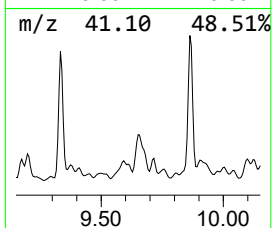
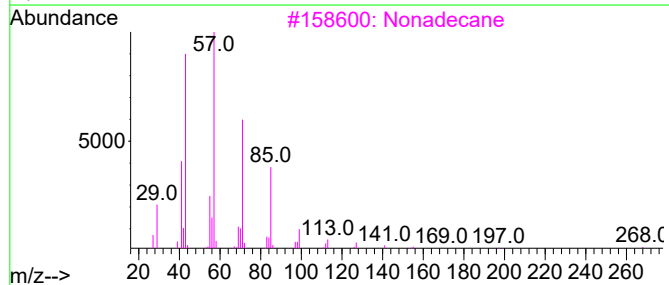
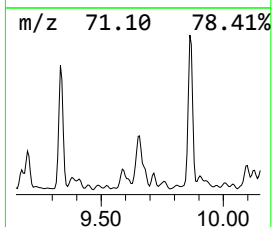
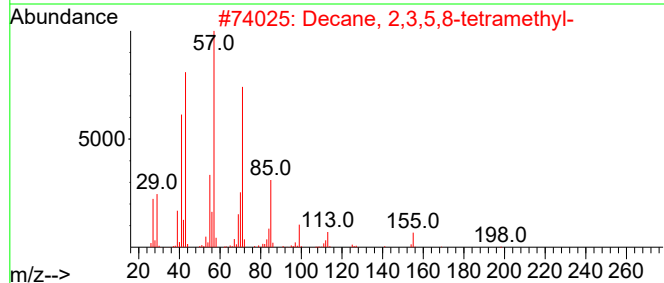
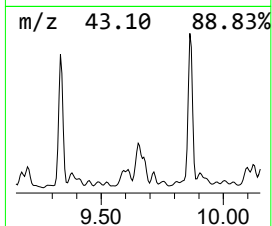
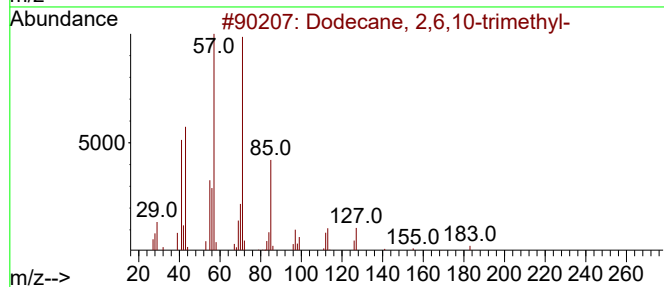
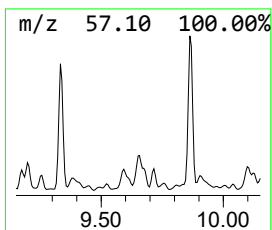
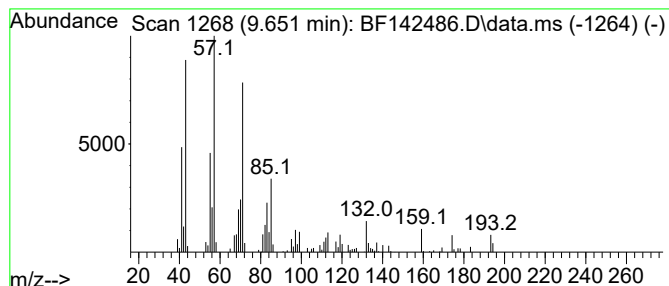
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	2.81 ng	82864	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
2			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	58
3			Nonadecane	268	C19H40	000629-92-5	58
4			Heptadecane	240	C17H36	000629-78-7	58
5			Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
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Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11

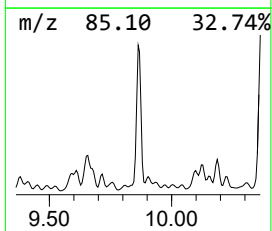
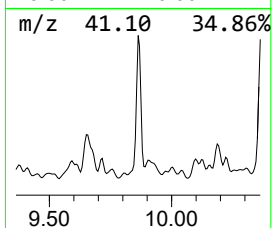
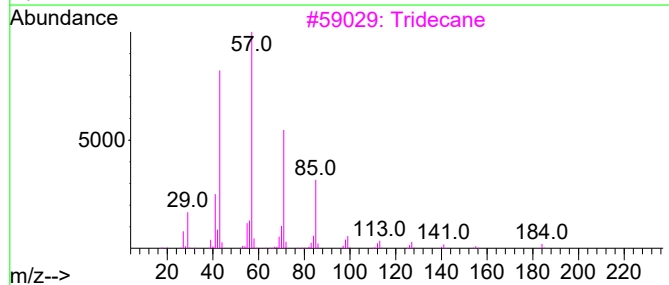
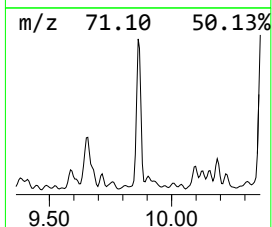
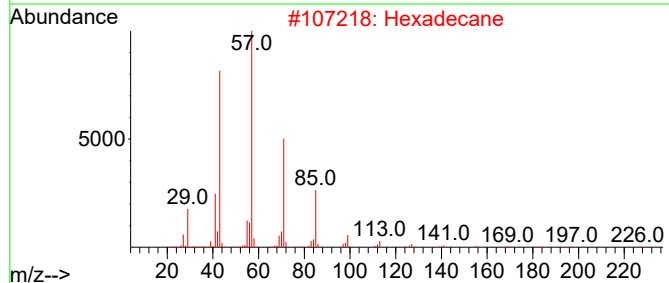
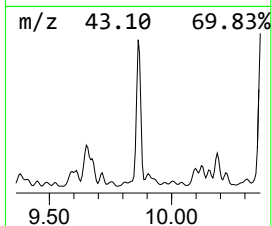
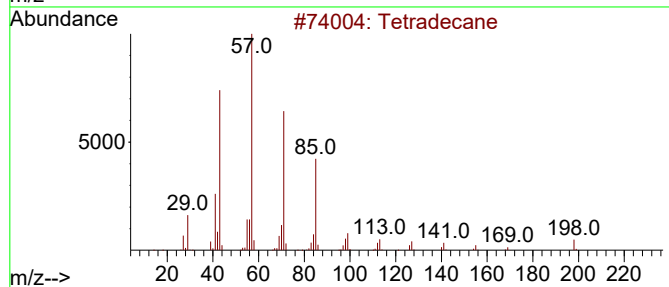
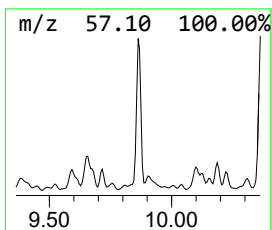
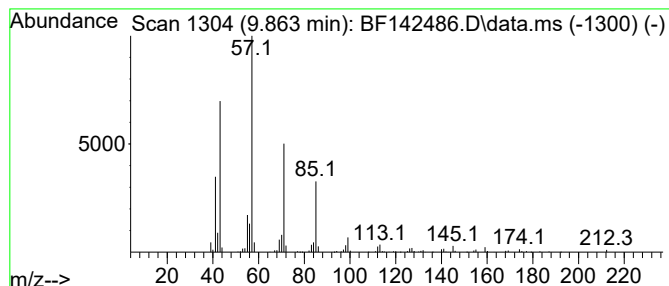
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	7.98 ng	235618	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane	184	C13H28	000629-50-5	80
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
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Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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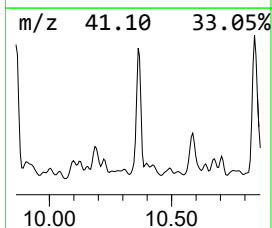
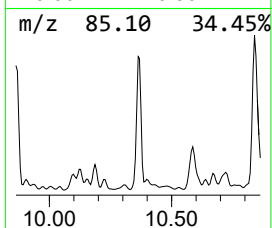
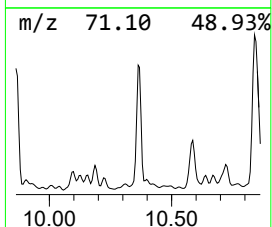
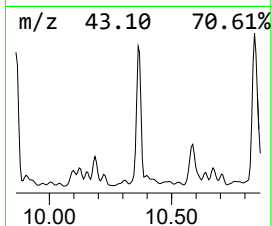
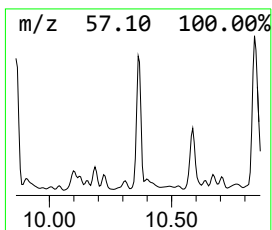
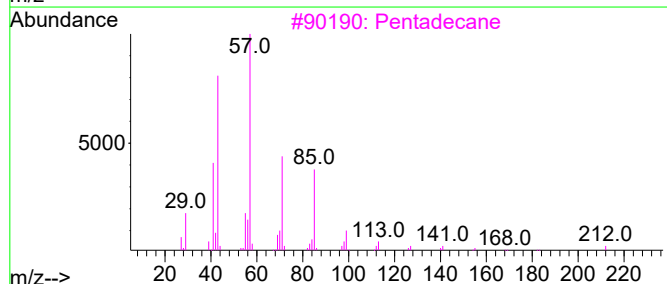
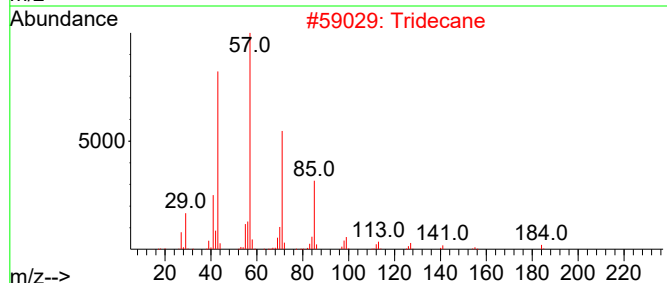
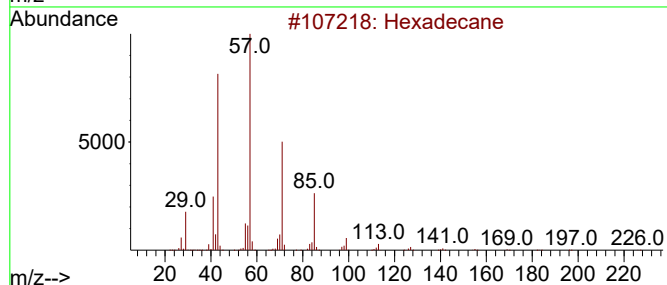
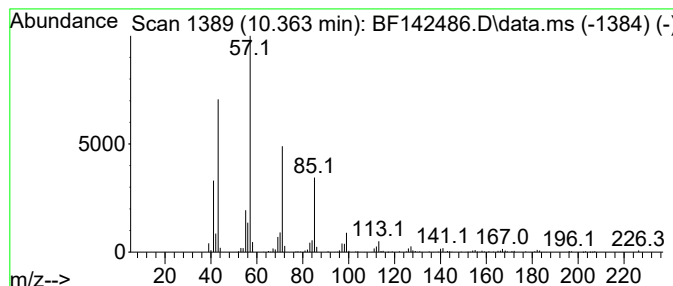
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	8.85 ng	261339	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Tridecane	184	C13H28	000629-50-5	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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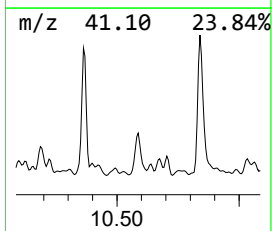
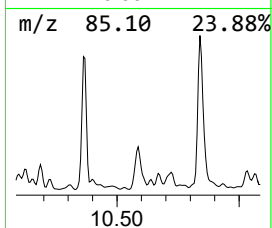
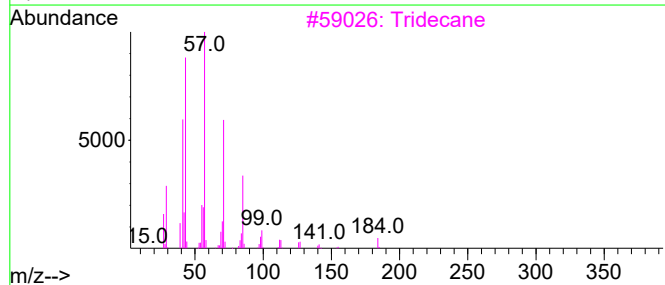
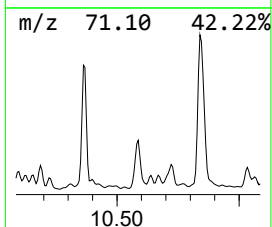
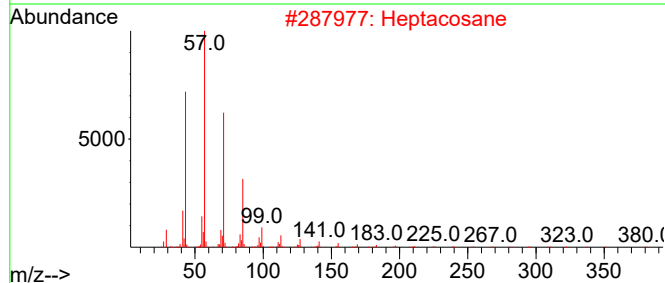
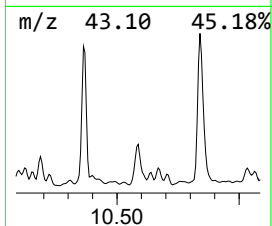
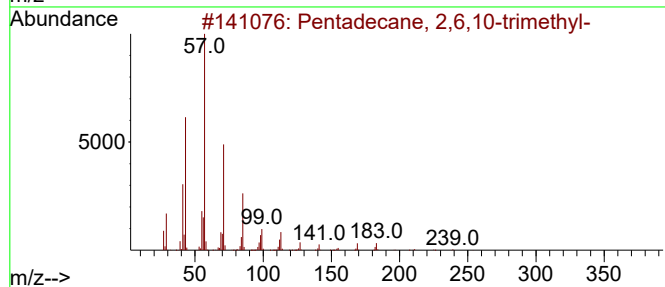
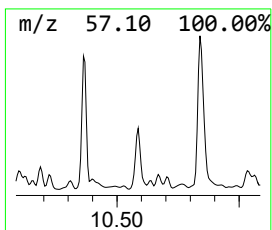
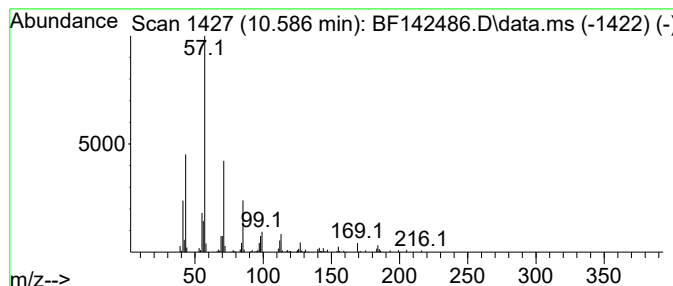
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	4.11 ng	121229	Acenaphthene-d10	9.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Heptacosane	380	C27H56	000593-49-7	86
3		Tridecane	184	C13H28	000629-50-5	76
4		Heneicosane	296	C21H44	000629-94-7	72
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
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Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

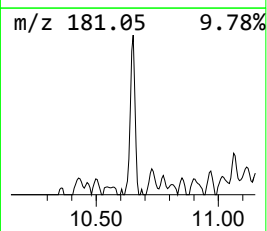
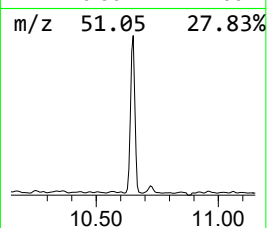
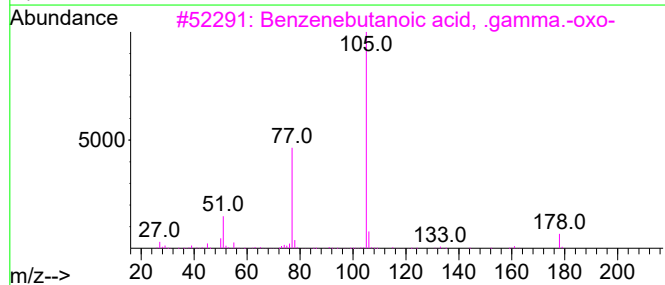
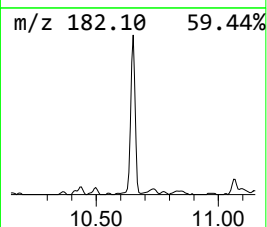
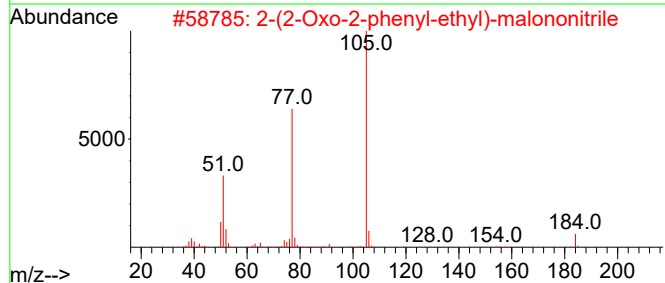
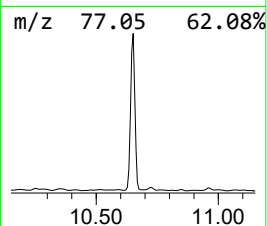
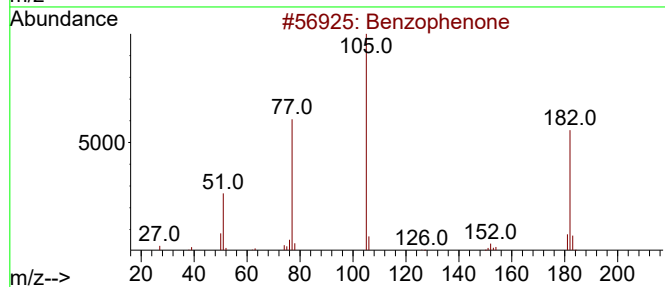
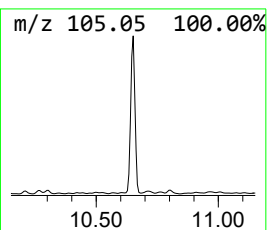
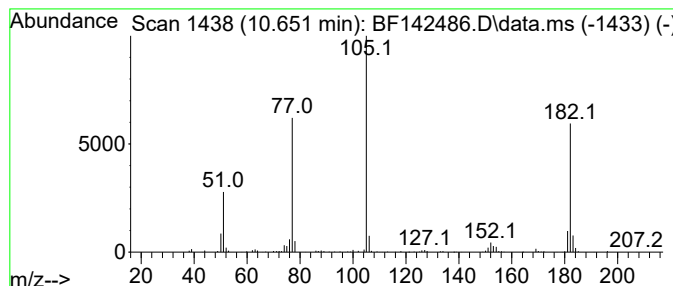
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ClientSampleId :
SS-11

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 11 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.651	7.02 ng	207398	Acenaphthene-d10	9.939	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
Operator : RC/JU
Sample : Q2075-03
Misc :
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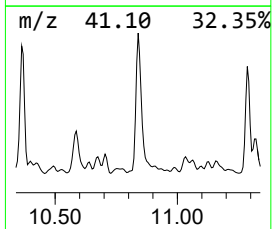
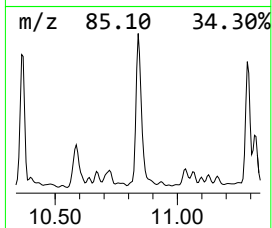
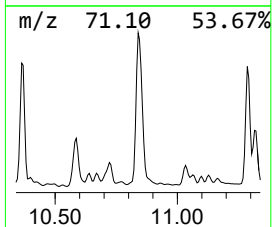
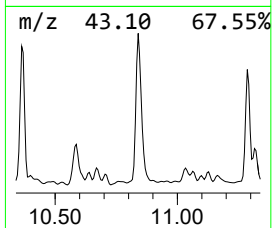
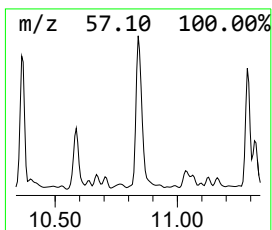
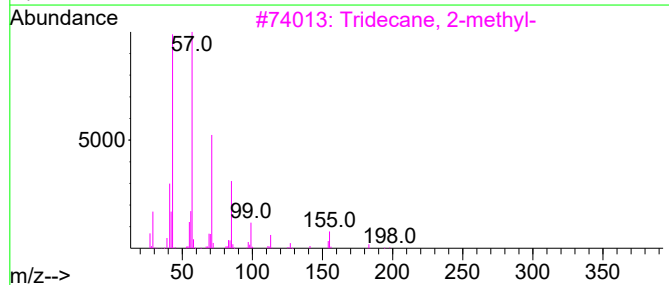
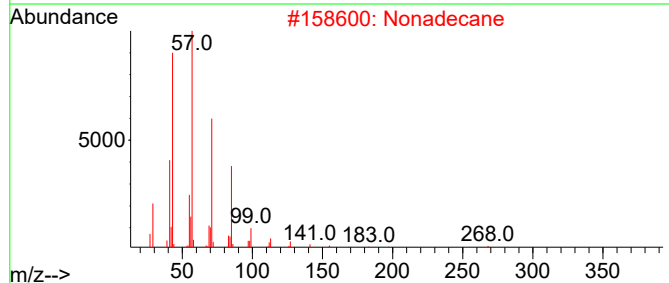
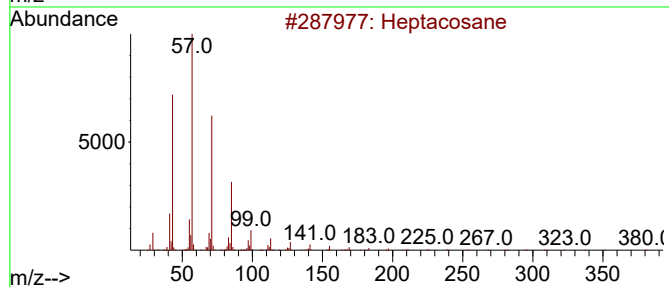
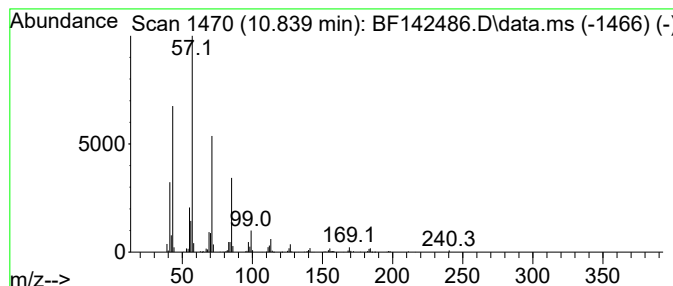
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.839	10.23 ng	372564	Phenanthrene-d10		11.428	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Nonadecane		268	C19H40	000629-92-5	91
3	Tridecane, 2-methyl-		198	C14H30	001560-96-9	90
4	Hexadecane, 2-methyl-		240	C17H36	001560-92-5	90
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
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Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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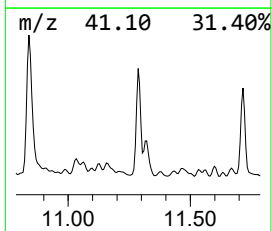
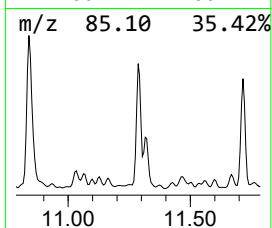
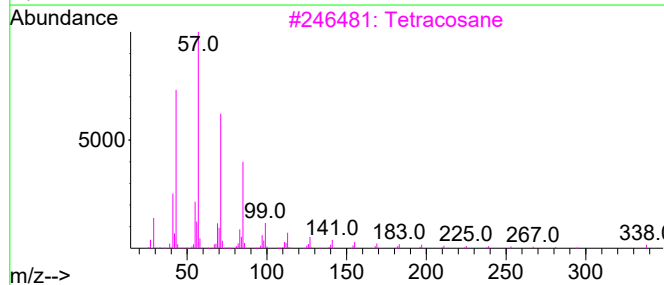
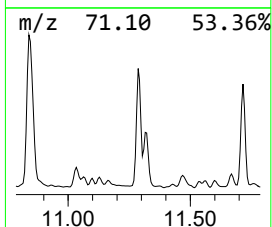
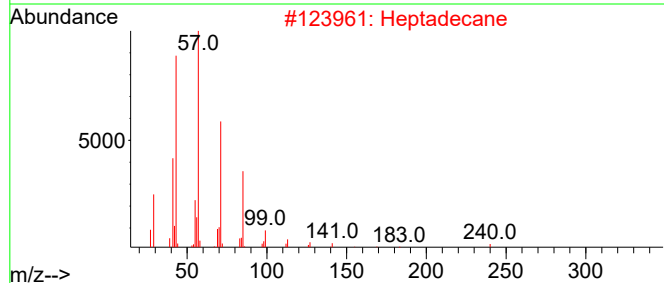
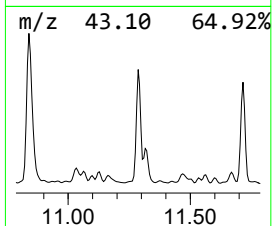
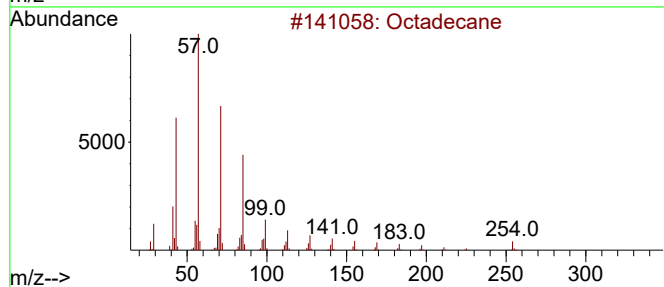
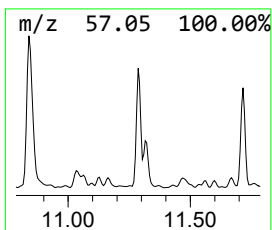
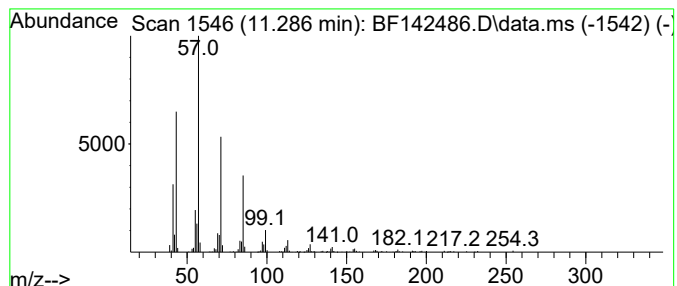
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	6.46 ng	235362	Phenanthrene-d10	11.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	94
2		Heptadecane	240	C17H36	000629-78-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
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Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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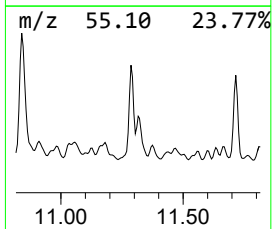
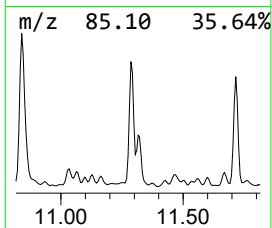
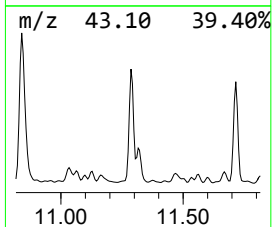
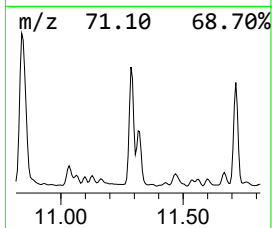
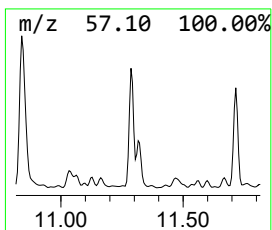
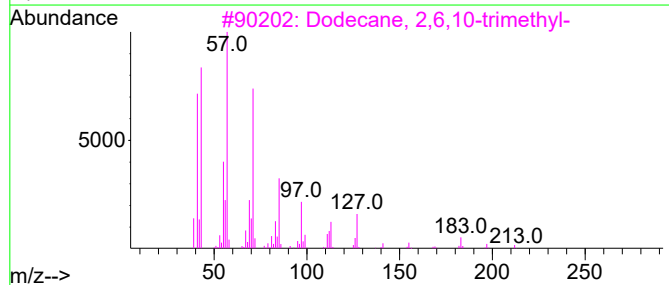
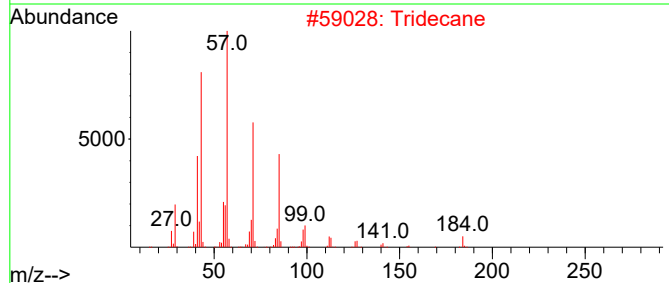
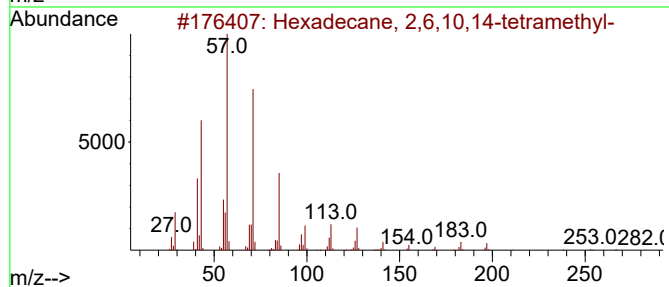
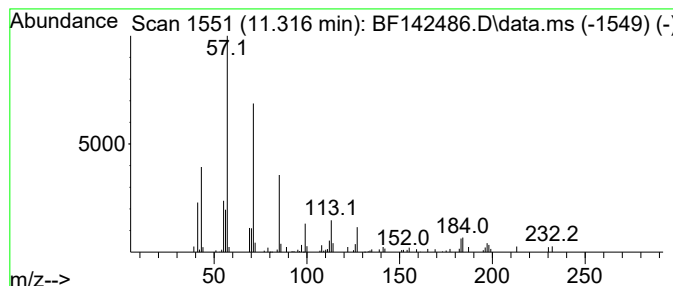
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.316	3.16 ng	115081	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2			Tridecane	184	C13H28	000629-50-5	87
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4			Tetradecane	198	C14H30	000629-59-4	76
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
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Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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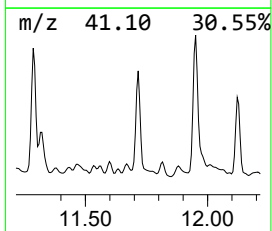
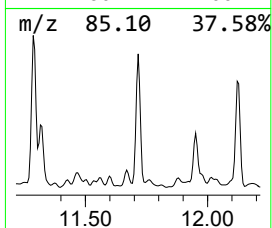
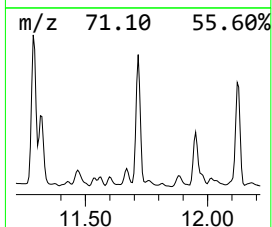
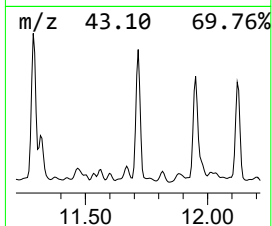
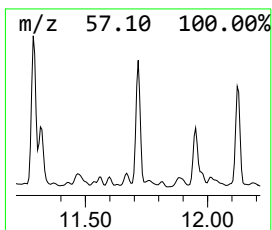
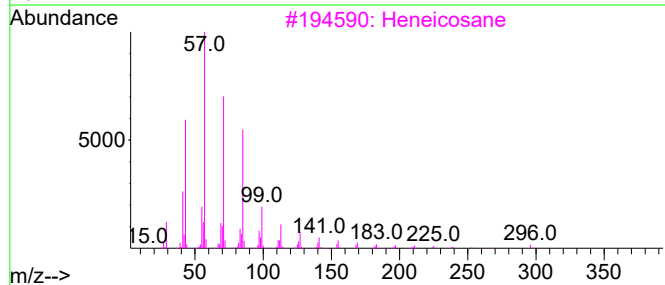
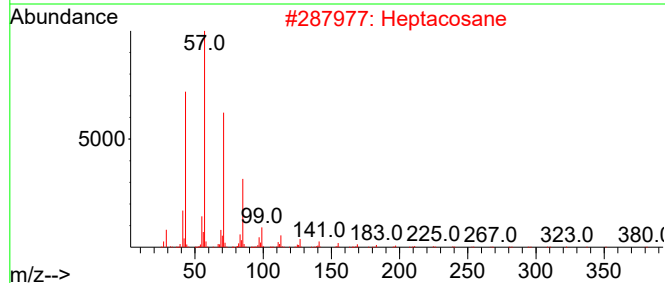
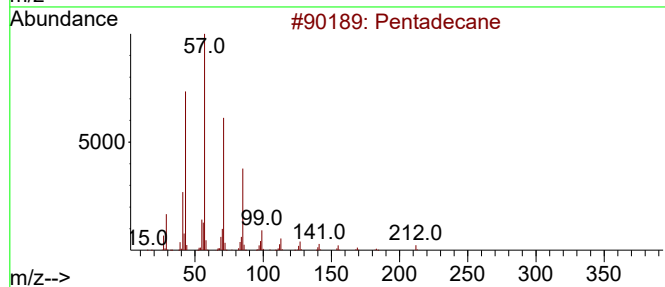
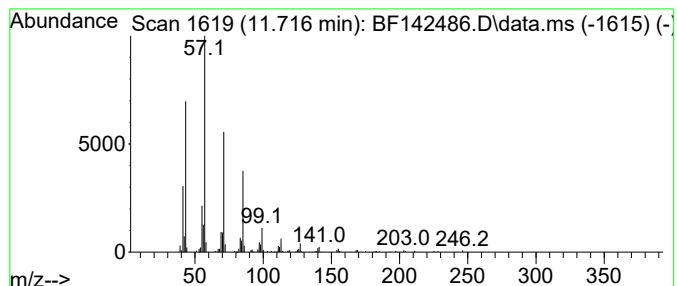
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	4.95 ng	180491	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
Operator : RC/JU
Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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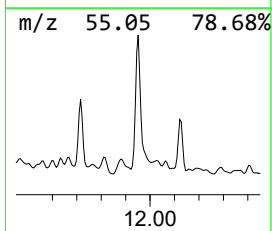
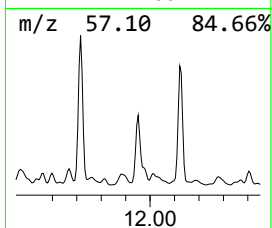
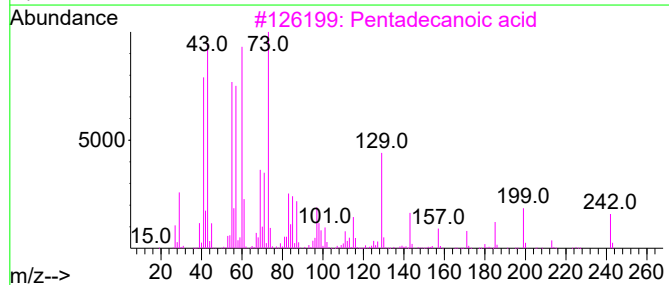
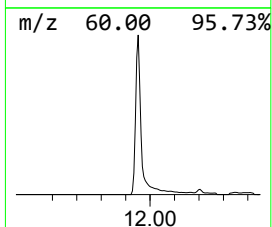
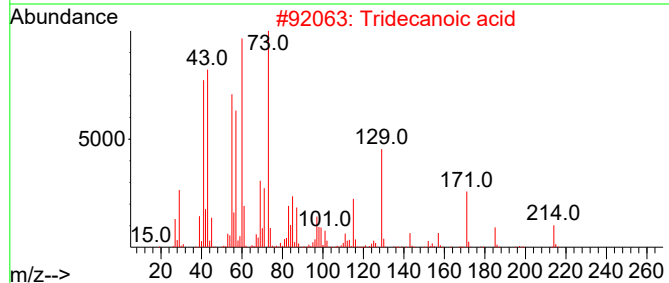
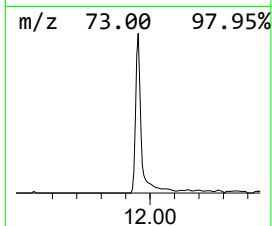
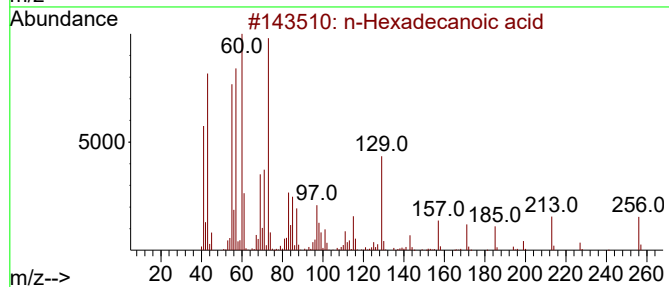
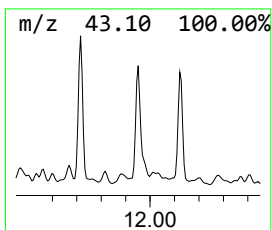
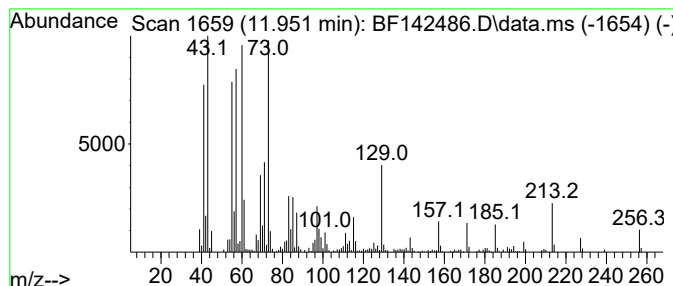
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	8.89 ng	323825	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
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Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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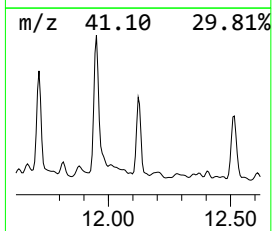
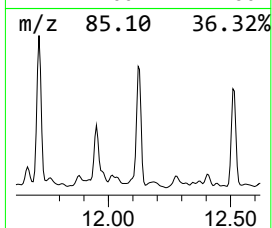
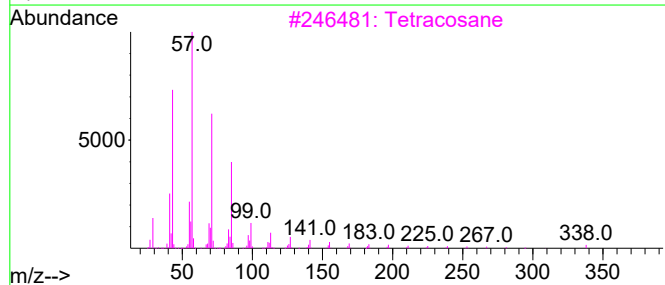
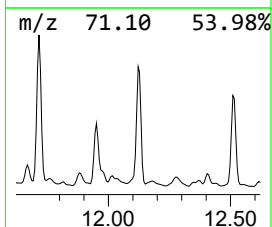
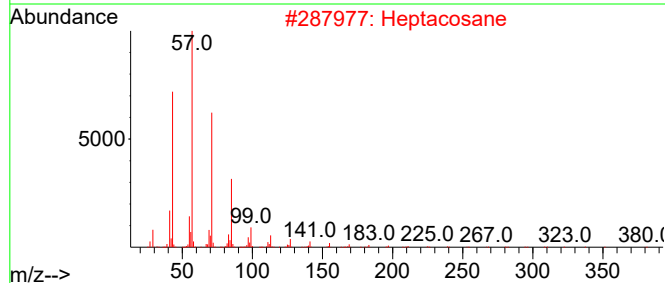
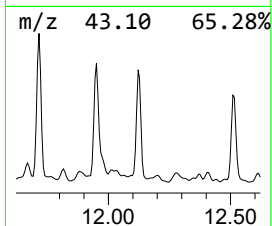
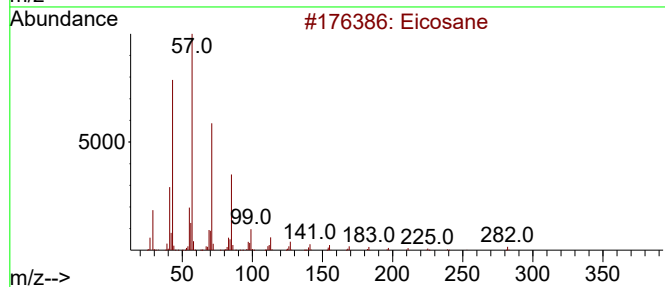
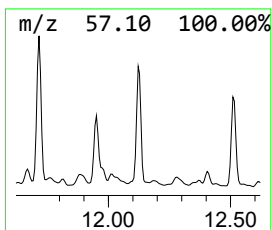
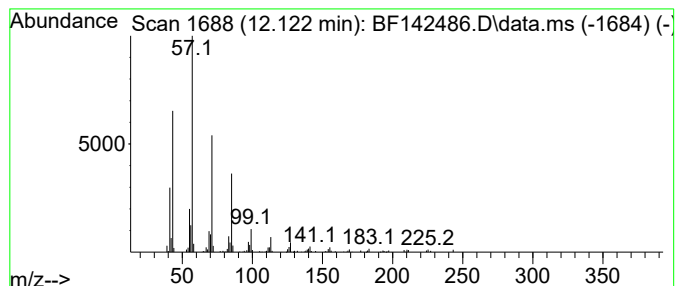
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	4.22 ng	153695	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
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Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

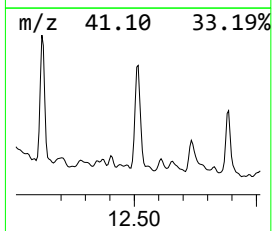
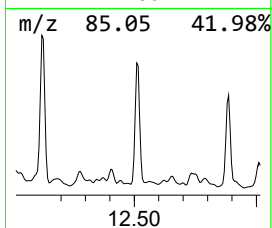
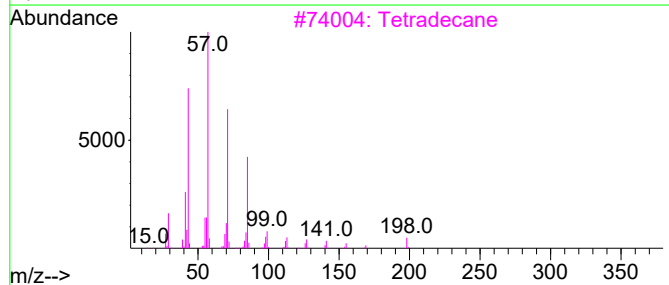
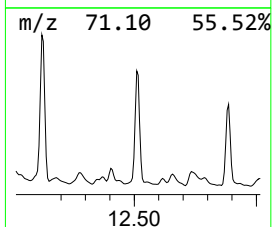
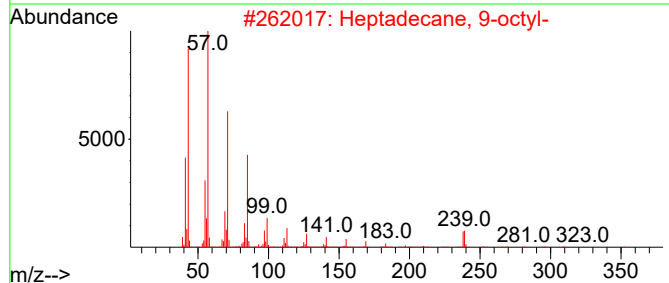
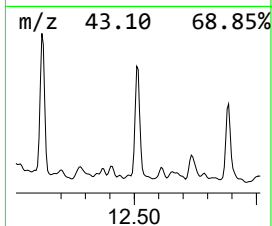
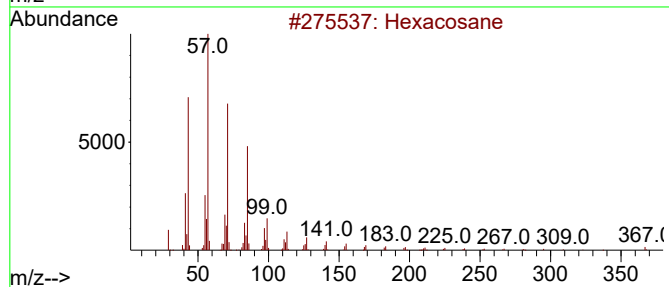
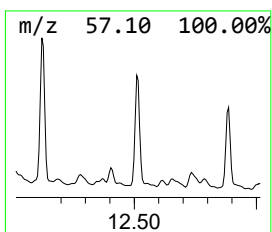
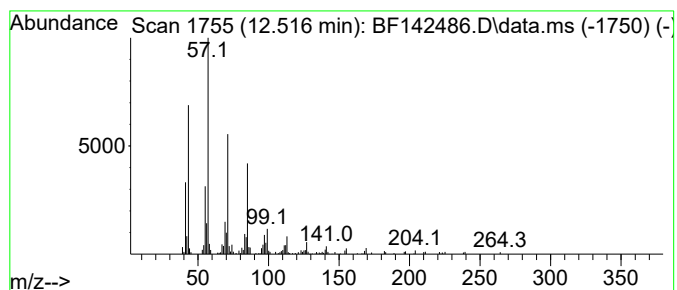
Instrument :
BNA_F
ClientSampleId :
SS-11

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 18 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.516	4.49 ng	163759	Phenanthrene-d10	11.428	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
Operator : RC/JU
Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11

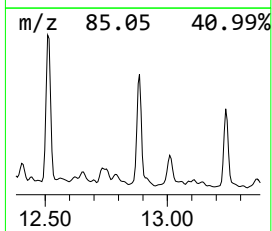
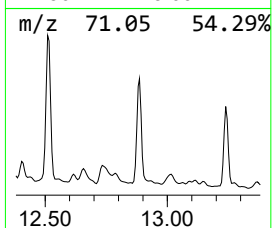
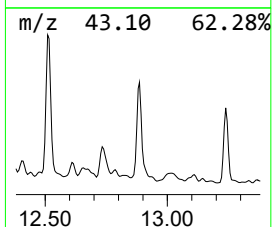
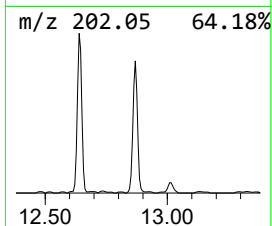
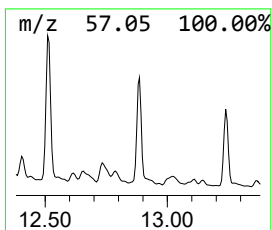
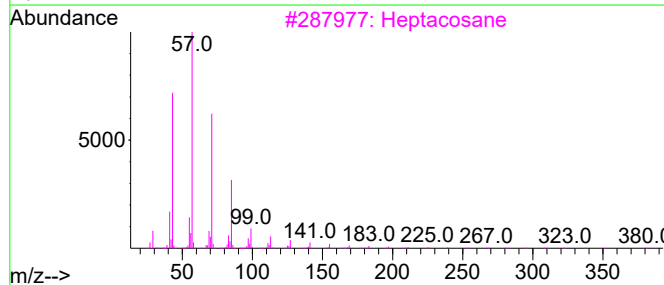
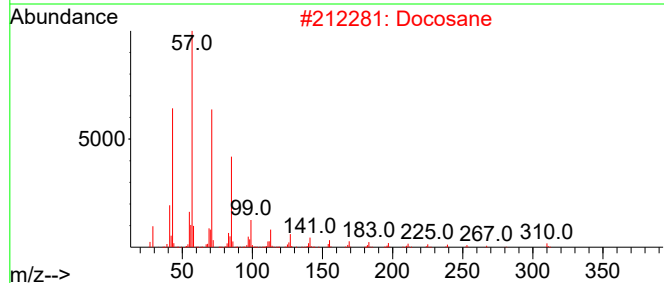
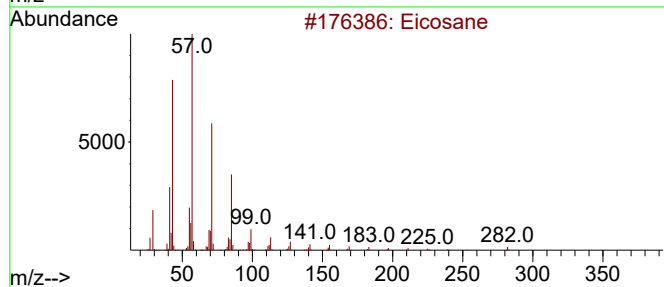
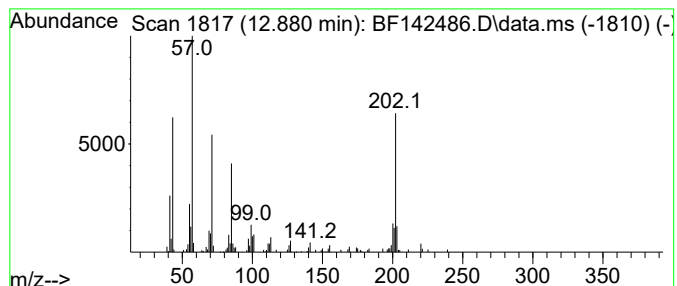
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	5.74 ng	210609	Chrysene-d12	14.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	55
2	Docosane			310	C22H46	000629-97-0	55
3	Heptacosane			380	C27H56	000593-49-7	55
4	Tetracosane			338	C24H50	000646-31-1	55
5	Octacosane			394	C28H58	000630-02-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
Operator : RC/JU
Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

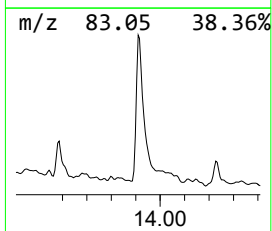
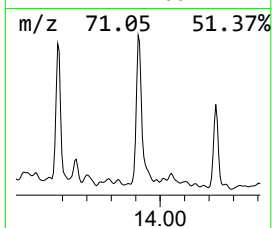
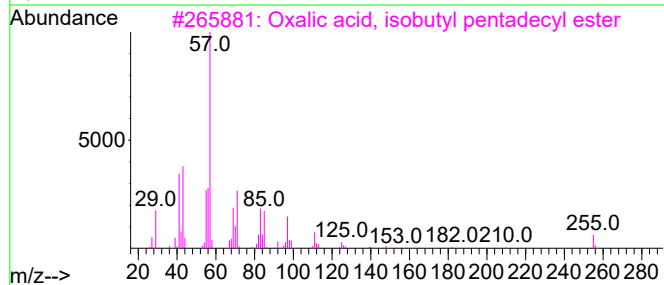
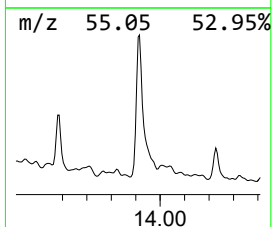
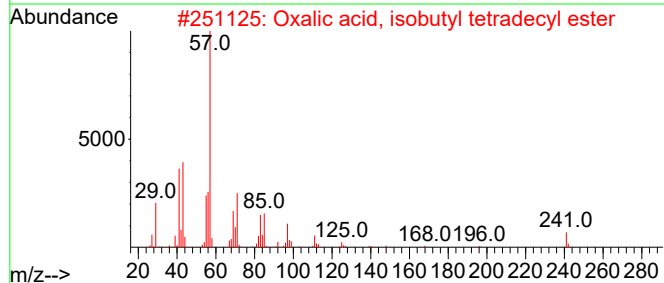
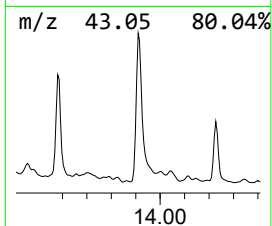
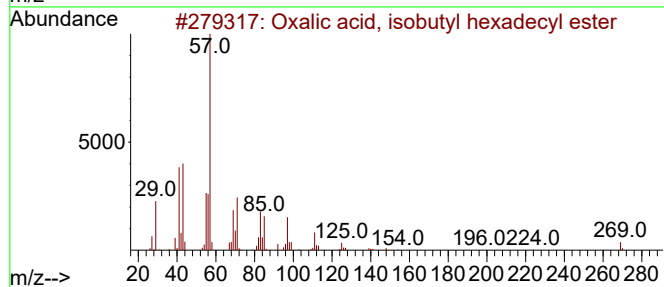
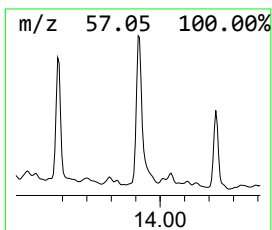
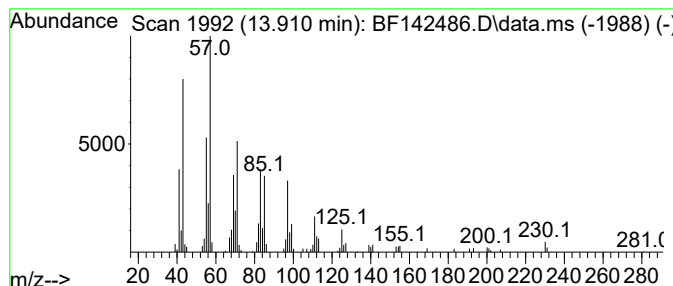
Instrument :
BNA_F
ClientSampleId :
SS-11

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 20 Oxalic acid, isobutyl hexadecyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.910	3.49 ng	127995	Chrysene-d12	14.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4	Carbonic acid, decyl heptadecyl ...	440	C28H56O3	1000383-16-6	91
5	Carbonic acid, decyl octadecyl e...	454	C29H58O3	1000383-16-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
Operator : RC/JU
Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11

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
2-Pentanone, 4-...	5.098	7.9	ng	145623	1	6.898	369921	20.0
Decane	6.728	4.8	ng	88340	1	6.898	369921	20.0
Benzene, 1,2-di...	7.210	2.6	ng	47719	1	6.898	369921	20.0
Tridecane	8.769	4.8	ng	163923	2	8.181	688116	20.0
Hexadecane	9.334	7.3	ng	214995	3	9.939	590507	20.0
Naphthalene, 2,...	9.592	3.3	ng	97903	3	9.939	590507	20.0
Dodecane, 2,6,1...	9.651	2.8	ng	82864	3	9.939	590507	20.0
Tetradecane	9.863	8.0	ng	235618	3	9.939	590507	20.0
Pentadecane	10.363	8.8	ng	261339	3	9.939	590507	20.0
Pentadecane, 2,...	10.586	4.1	ng	121229	3	9.939	590507	20.0
Benzophenone	10.651	7.0	ng	207398	3	9.939	590507	20.0
Heptacosane	10.839	10.2	ng	372564	4	11.428	728629	20.0
Octadecane	11.286	6.5	ng	235362	4	11.428	728629	20.0
Hexadecane, 2,6...	11.316	3.2	ng	115081	4	11.428	728629	20.0
Heneicosane	11.716	5.0	ng	180491	4	11.428	728629	20.0
n-Hexadecanoic ...	11.951	8.9	ng	323825	4	11.428	728629	20.0
Eicosane	12.122	4.2	ng	153695	4	11.428	728629	20.0
Hexacosane	12.516	4.5	ng	163759	4	11.428	728629	20.0
Docosane	12.880	5.7	ng	210609	5	14.069	733409	20.0
Oxalic acid, is...	13.910	3.5	ng	127995	5	14.069	733409	20.0