

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142682.D
 Acq On : 07 Jun 2025 10:27
 Operator : RC/JU
 Sample : Q2223-03 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-06042025

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: BF142682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	489	494	508	rVB	29247	41296	2.77%	0.209%
2	5.504	558	563	574	rBV	295909	386276	25.89%	1.952%
3	6.516	730	735	742	rVV	262711	349822	23.45%	1.767%
4	6.728	767	771	778	rBV4	23399	34119	2.29%	0.172%
5	6.893	794	799	806	rBV	510906	644371	43.19%	3.256%
6	7.040	820	824	828	rBV2	18071	22098	1.48%	0.112%
7	7.169	839	846	849	rBV3	27905	42382	2.84%	0.214%
8	7.210	849	853	855	rBV2	17934	27294	1.83%	0.138%
9	7.287	860	866	870	rBV3	38037	62737	4.21%	0.317%
10	7.375	876	881	885	rBV2	9240	19443	1.30%	0.098%
11	7.451	885	894	898	rBV2	179314	318302	21.34%	1.608%
12	7.487	898	900	904	rVB	76153	82354	5.52%	0.416%
13	7.540	904	909	913	rBV4	44851	67535	4.53%	0.341%
14	7.587	913	917	923	rBV6	21740	60048	4.03%	0.303%
15	7.669	928	931	933	rBV2	16904	21415	1.44%	0.108%
16	7.698	933	936	945	rVB4	61697	105460	7.07%	0.533%
17	7.798	945	953	954	rBV3	51298	101353	6.79%	0.512%
18	7.822	954	957	960	rVB2	33733	38056	2.55%	0.192%
19	7.857	960	963	966	rVB4	31200	36694	2.46%	0.185%
20	7.893	966	969	971	rBV3	36159	45466	3.05%	0.230%
21	7.922	971	974	980	rVB5	43364	69115	4.63%	0.349%
22	7.969	980	982	984	rBV2	17681	18091	1.21%	0.091%
23	7.993	984	986	989	rVB2	17936	15769	1.06%	0.080%
24	8.045	993	995	998	rBV2	28673	28886	1.94%	0.146%
25	8.081	998	1001	1004	rBV2	30025	34947	2.34%	0.177%
26	8.181	1005	1018	1023	rBV2	590446	1173769	78.68%	5.930%
27	8.234	1023	1027	1030	rVB2	120960	160502	10.76%	0.811%
28	8.269	1030	1033	1039	rVB6	50105	79824	5.35%	0.403%
29	8.351	1040	1047	1048	rBV3	43290	81557	5.47%	0.412%
30	8.375	1048	1051	1055	rVB2	61909	78735	5.28%	0.398%
31	8.422	1056	1059	1062	rBV2	28147	39763	2.67%	0.201%
32	8.469	1062	1067	1072	rBV5	119575	178255	11.95%	0.901%
33	8.522	1073	1076	1079	rBV4	45462	54197	3.63%	0.274%
34	8.557	1079	1082	1085	rBV3	57146	67813	4.55%	0.343%
35	8.592	1085	1088	1091	rBV	115076	137140	9.19%	0.693%
36	8.681	1100	1103	1107	rBV	123736	167578	11.23%	0.847%

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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	8.763	1113	1117	1121	rBV	311874	400468	26.84%	2.023%
38	8.928	1142	1145	1147	rBV2	39484	48317	3.24%	0.244%
39	8.998	1154	1157	1161	rBV3	132736	165374	11.09%	0.836%
40	9.128	1175	1179	1184	rVB5	103626	153554	10.29%	0.776%

41	9.169	1184	1186	1187	rBV	45402	39334	2.64%	0.199%
42	9.192	1187	1190	1196	rVB3	169517	233485	15.65%	1.180%
43	9.251	1196	1200	1205	rVB	328386	386444	25.90%	1.953%
44	9.328	1209	1213	1218	rBV	518197	704222	47.20%	3.558%
45	9.404	1223	1226	1229	rVB	105503	122271	8.20%	0.618%

46	9.587	1251	1257	1259	rBV6	107958	233538	15.65%	1.180%
47	9.651	1263	1268	1271	rVV2	338859	558262	37.42%	2.821%
48	9.710	1275	1278	1282	rVB2	129582	158398	10.62%	0.800%
49	9.863	1299	1304	1308	rVB	598632	749615	50.25%	3.787%
50	9.934	1312	1316	1320	rVB	493509	626195	41.97%	3.164%

51	10.039	1331	1334	1338	rVB2	55916	67946	4.55%	0.343%
52	10.092	1339	1343	1345	rBV	102449	155332	10.41%	0.785%
53	10.181	1355	1358	1362	rBV4	151459	219443	14.71%	1.109%
54	10.257	1367	1371	1376	rBV6	65326	146694	9.83%	0.741%
55	10.363	1384	1389	1393	rBV	712421	919986	61.67%	4.648%

56	10.581	1421	1426	1432	rBV	327489	515925	34.58%	2.607%
57	10.634	1432	1435	1438	rBV3	63788	73675	4.94%	0.372%
58	10.704	1444	1447	1448	rBV2	73237	84017	5.63%	0.424%
59	10.839	1465	1470	1478	rVB	873222	1491864	100.00%	7.538%
60	11.028	1499	1502	1505	rBV	77378	116500	7.81%	0.589%

61	11.286	1541	1546	1549	rBV	644514	916757	61.45%	4.632%
62	11.316	1549	1551	1557	rVB	314301	371970	24.93%	1.879%
63	11.422	1565	1569	1573	rBV	521499	693954	46.52%	3.506%
64	11.592	1596	1598	1602	rVB	62676	66476	4.46%	0.336%
65	11.663	1607	1610	1614	rBV2	71698	87651	5.88%	0.443%

66	11.710	1614	1618	1623	rBV	598142	709987	47.59%	3.587%
67	11.875	1643	1646	1652	rBV	57686	109418	7.33%	0.553%
68	12.116	1683	1687	1692	rVB	490158	595013	39.88%	3.006%
69	12.398	1733	1735	1744	rVB	68912	101178	6.78%	0.511%
70	12.504	1750	1753	1758	rVB	372432	470298	31.52%	2.376%

71	12.880	1812	1817	1821	rVB2	264767	342535	22.96%	1.731%
72	13.010	1834	1839	1848	rVB	372161	536360	35.95%	2.710%
73	13.233	1873	1877	1882	rBV	162203	206849	13.87%	1.045%
74	13.580	1932	1936	1940	rVB	95530	123905	8.31%	0.626%
75	13.904	1989	1991	2002	rVB	66058	94944	6.36%	0.480%

76	14.069	2014	2019	2030	rBV	465027	640360	42.92%	3.235%
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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.563	2268	2273	2282	rVB	269613	461115	30.91%	2.330%
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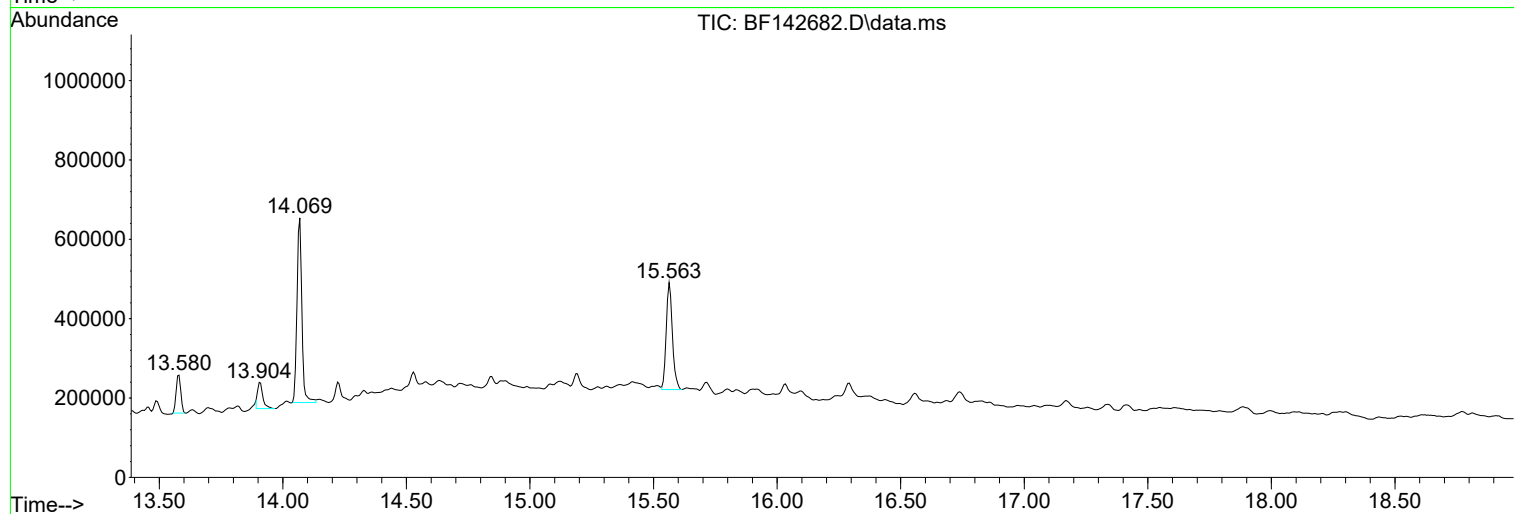
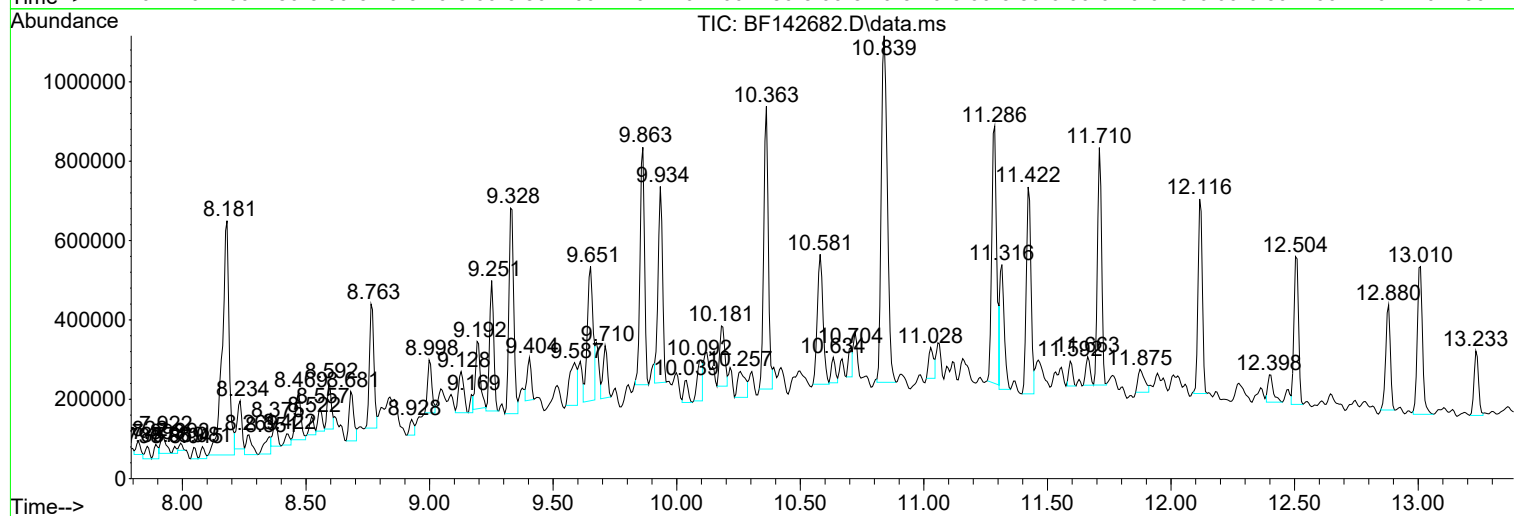
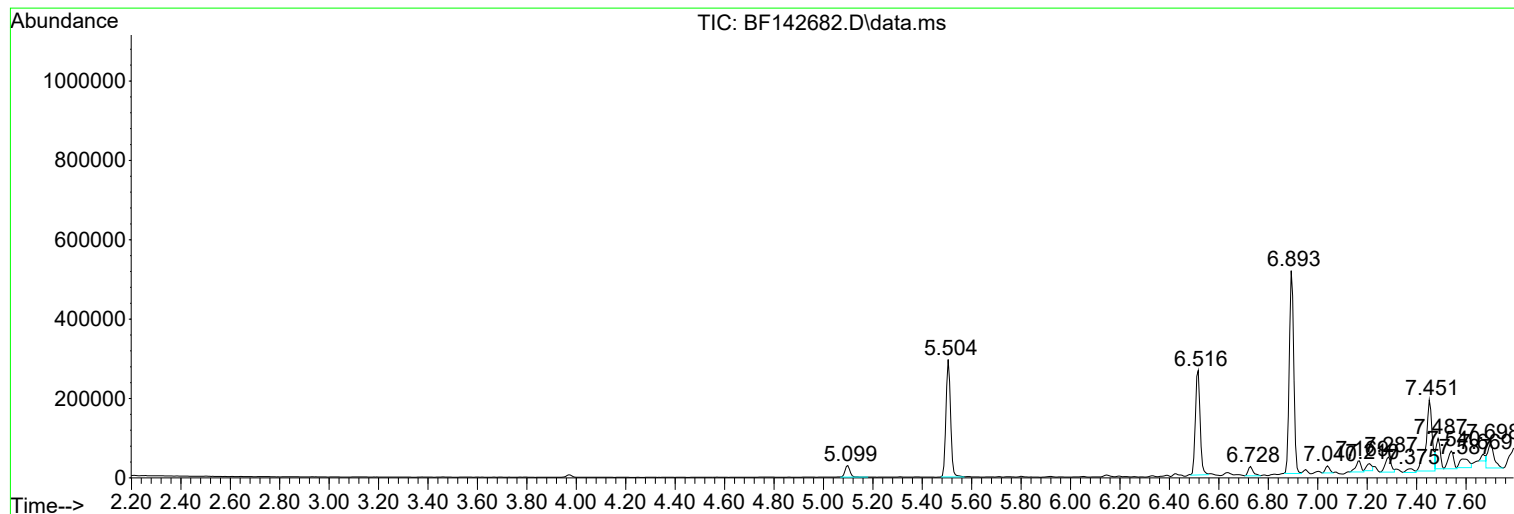
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

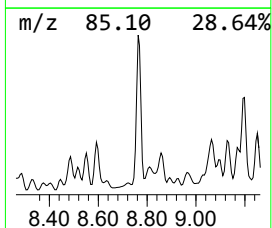
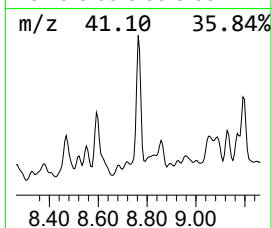
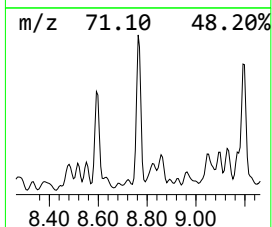
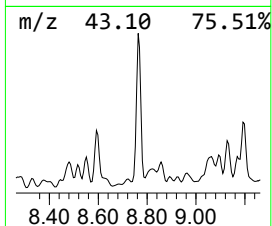
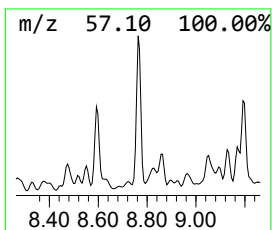
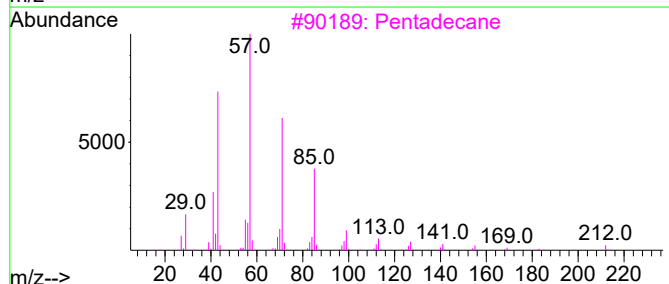
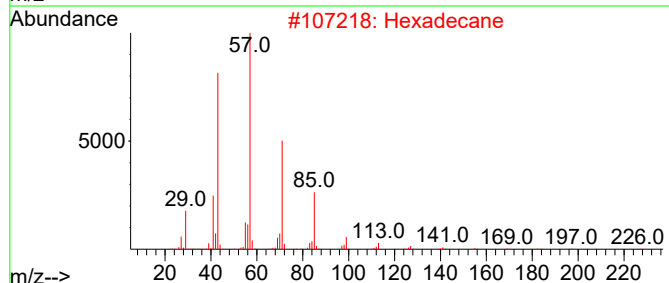
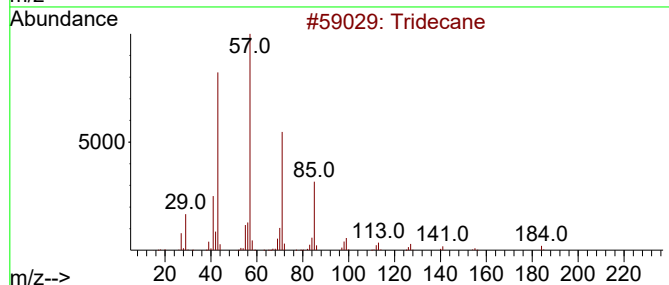
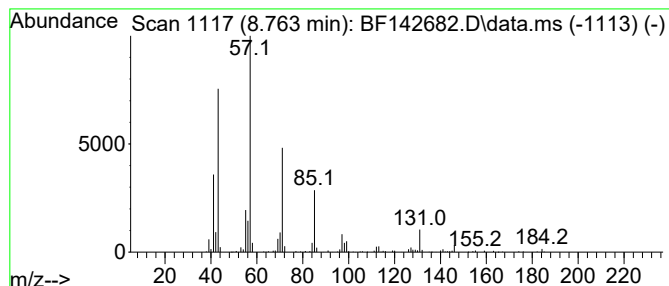
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	6.82 ng	400468	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	80
3			Pentadecane	212	C15H32	000629-62-9	80
4			Tetradecane	198	C14H30	000629-59-4	72
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



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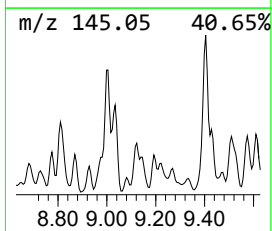
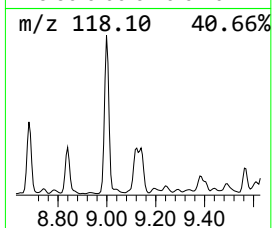
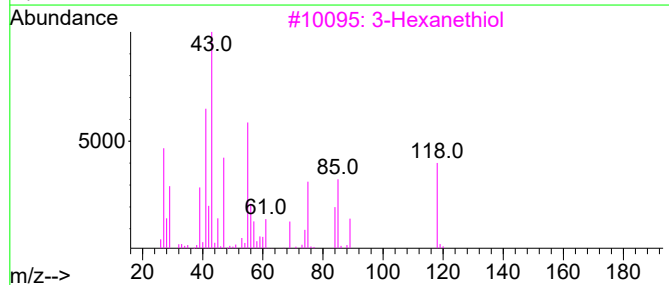
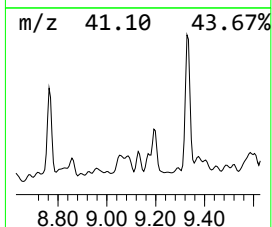
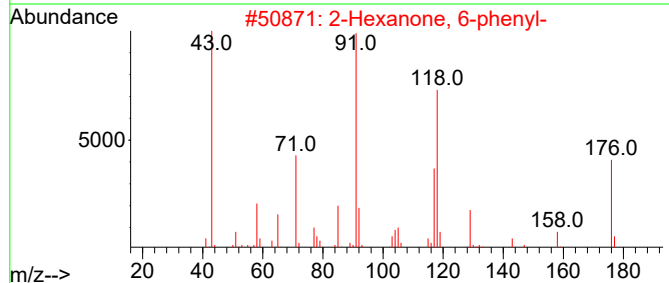
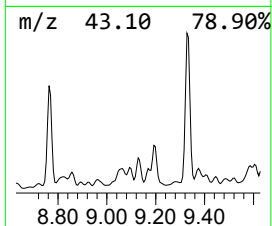
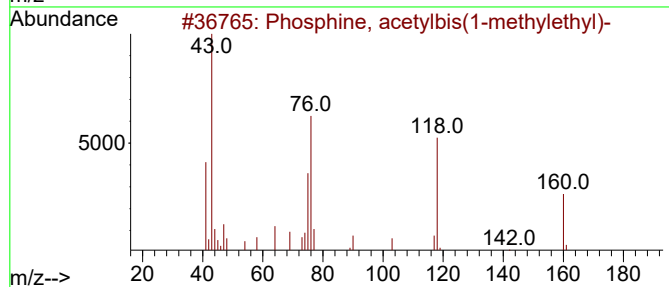
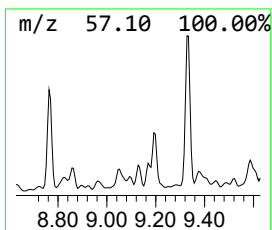
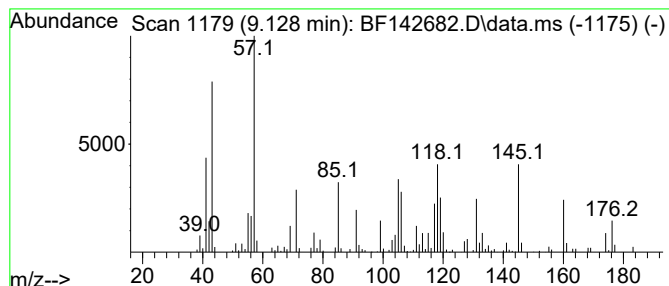
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown9.128 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.128	4.90 ng	153554	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphine, acetylbis(1-methyleth...	160	C8H17OP	050837-80-4	14
2			2-Hexanone, 6-phenyl-	176	C12H16O	014171-89-2	12
3			3-Hexanethiol	118	C6H14S	001633-90-5	10
4			Amidinothiourea	118	C2H6N4S	002114-02-5	10
5			2,2-Dimethylpropanoic acid, 4-cy...	203	C12H13NO2	1000308-04-3	10



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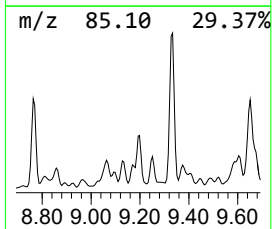
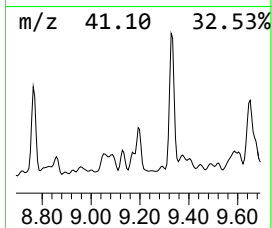
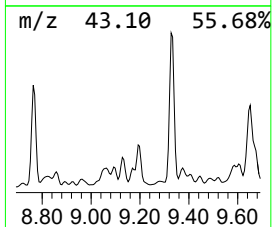
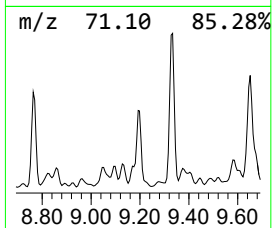
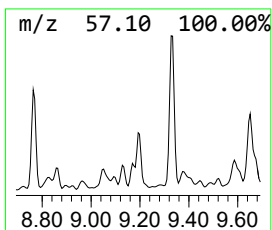
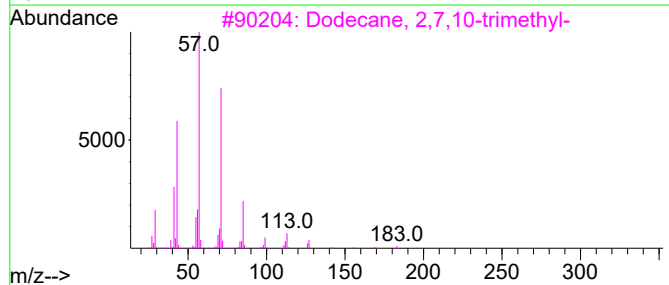
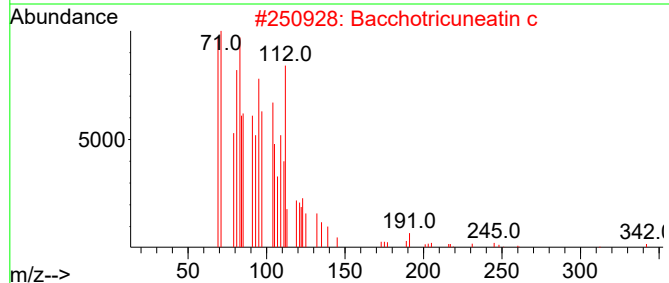
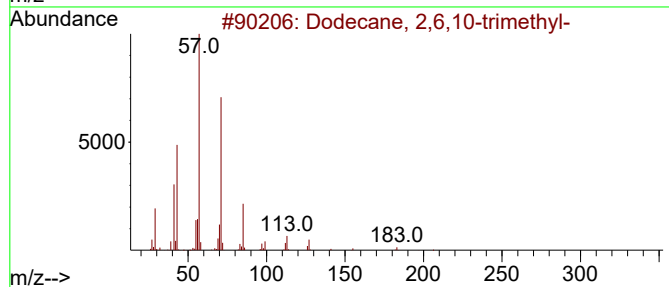
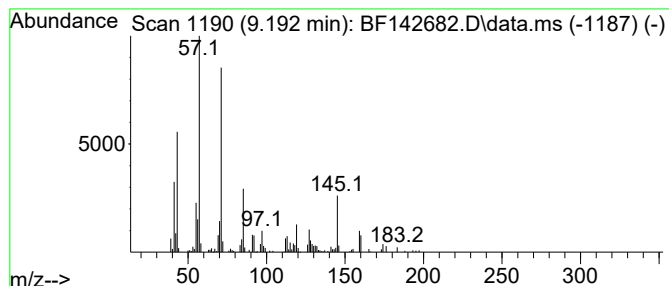
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	7.46 ng	233485	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
2			Bacchotricuneatin c	342	C20H22O5	066563-30-2	53
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
4			Sulfurous acid, pentyl tetradecy...	348	C19H40O3S	1010309-14-7	50
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	47



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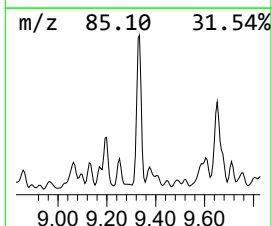
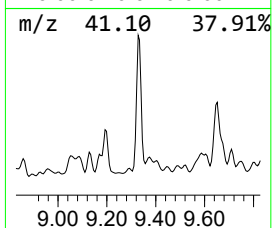
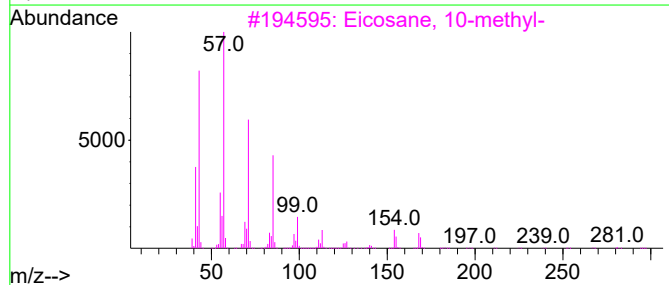
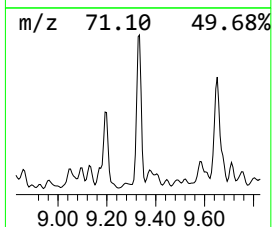
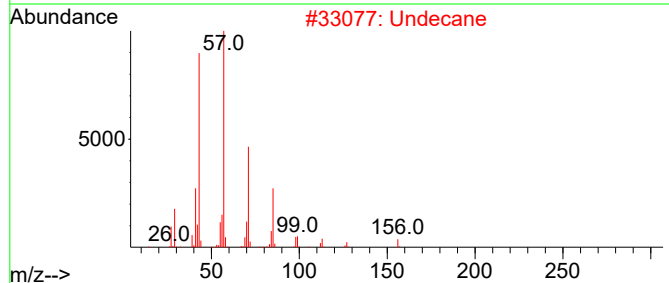
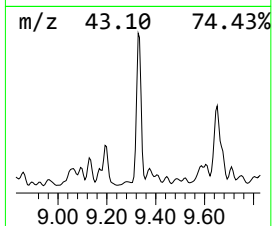
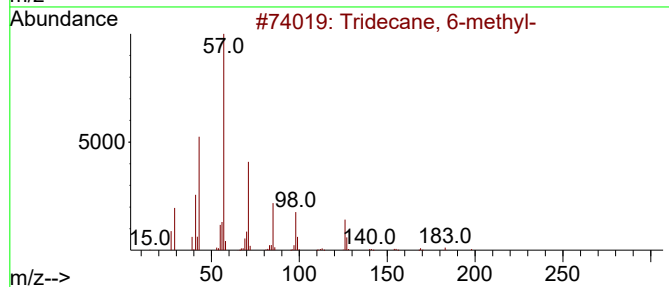
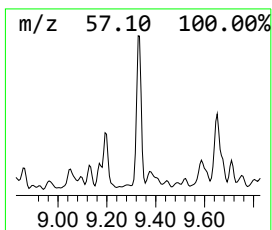
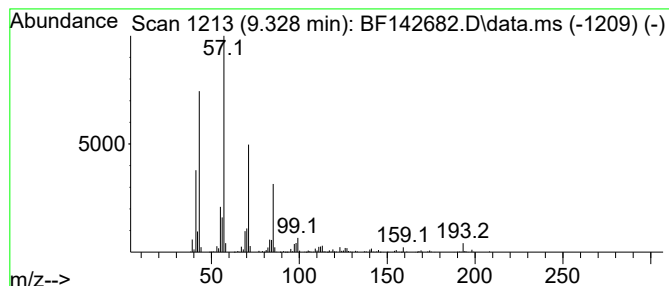
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane, 6-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	22.49 ng	704222	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
2			Undecane	156	C11H24	001120-21-4	86
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

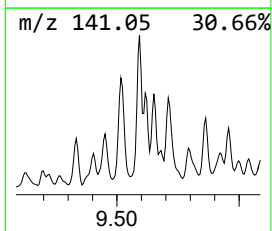
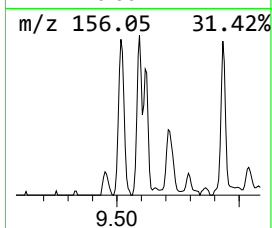
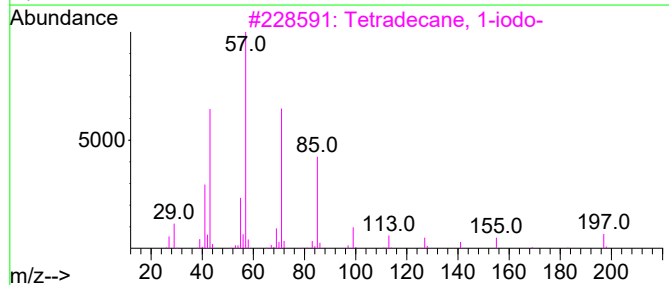
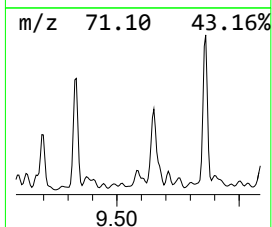
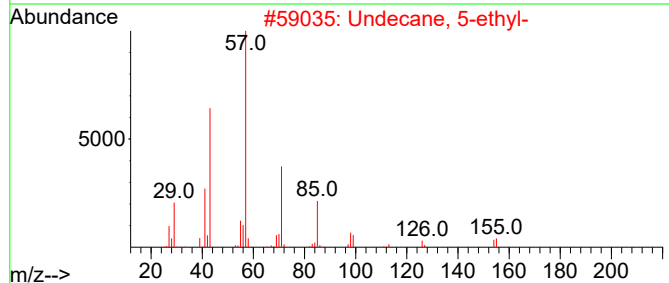
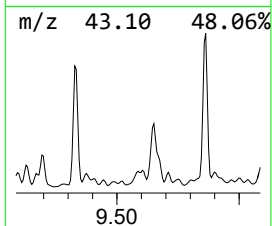
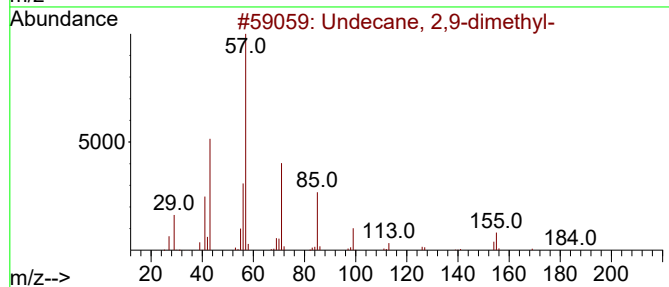
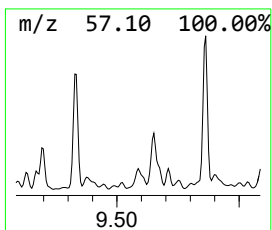
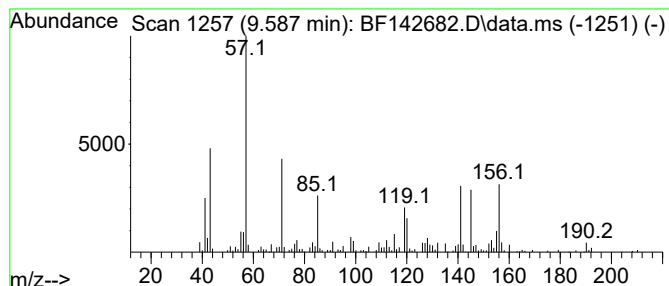
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.587 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.587	7.46 ng	233538	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	38
2			Undecane, 5-ethyl-	184	C13H28	017453-94-0	35
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	35
4			Decane, 3-methyl-	156	C11H24	013151-34-3	27
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

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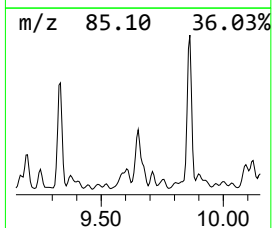
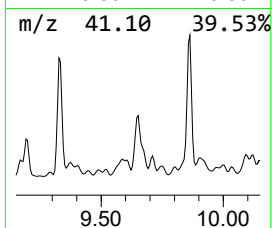
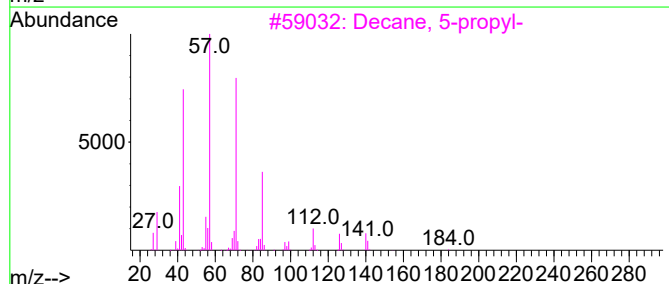
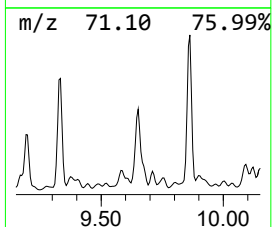
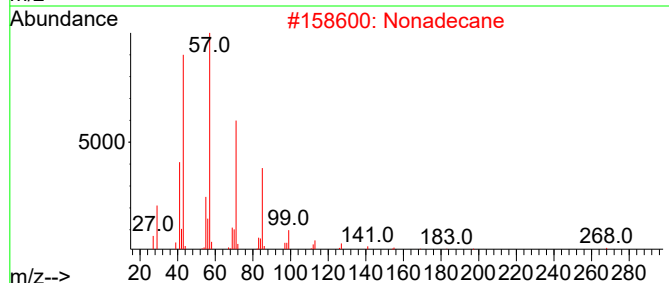
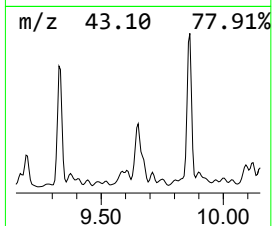
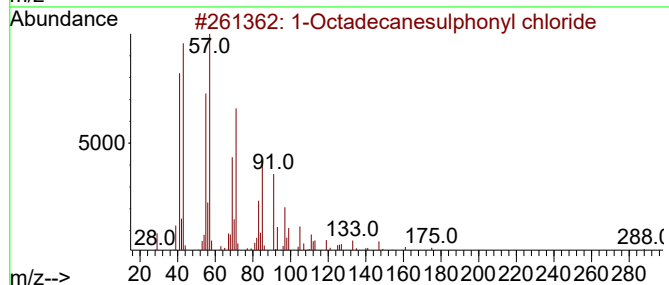
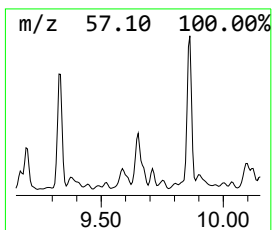
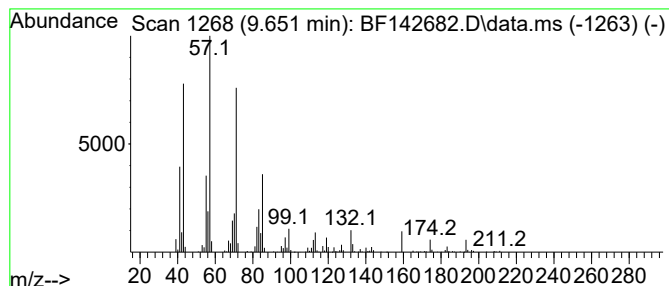
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Octadecanesulphonyl chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	17.83 ng	558262	Acenaphthene-d10	9.934

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
2		Nonadecane	268	C19H40	000629-92-5	64
3		Decane, 5-propyl-	184	C13H28	017312-62-8	64
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

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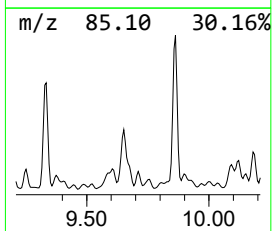
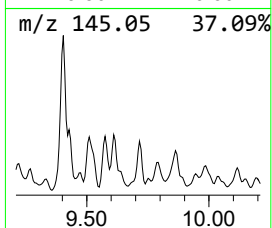
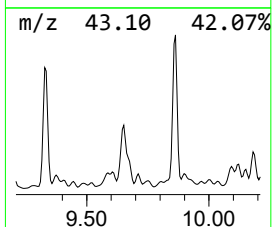
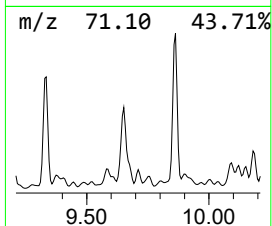
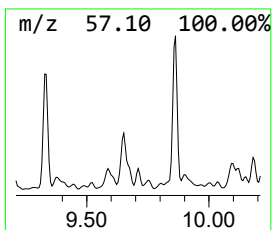
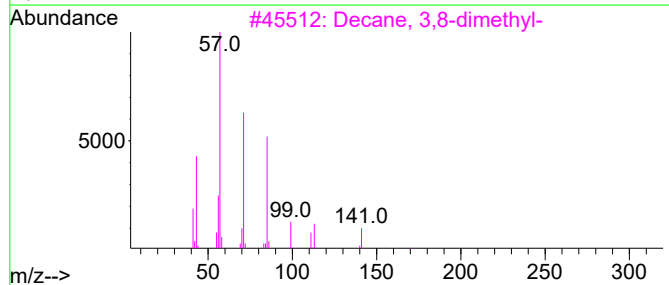
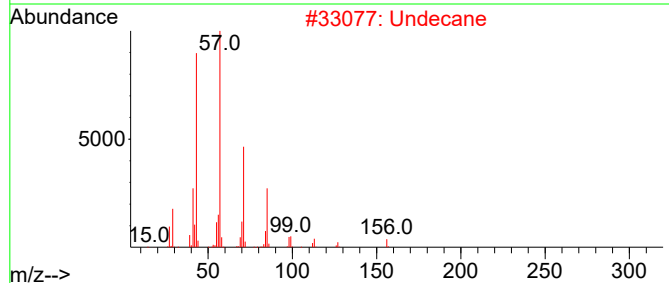
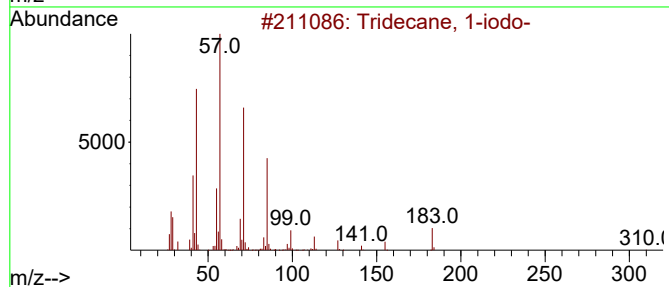
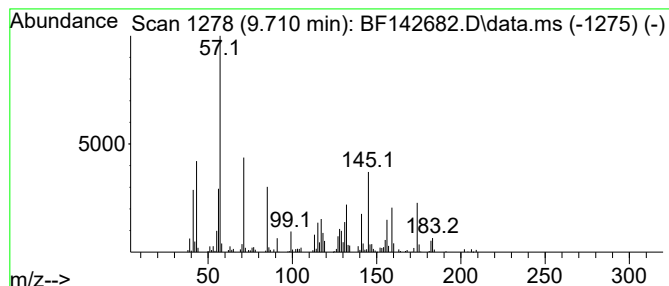
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.710 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	5.06 ng	158398	Acenaphthene-d10	9.934

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	22
2		Undecane	156	C11H24	001120-21-4	22
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	22
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	22
5		Hexadecane	226	C16H34	000544-76-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
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Instrument :
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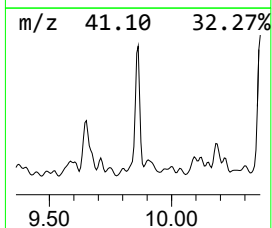
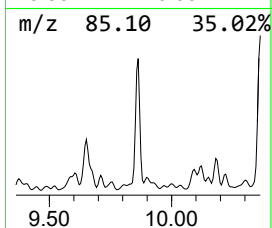
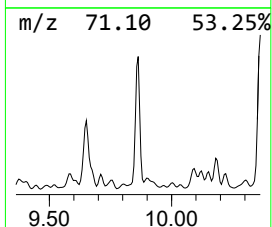
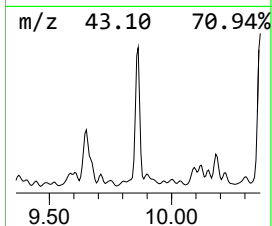
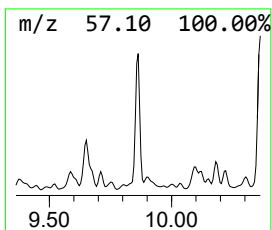
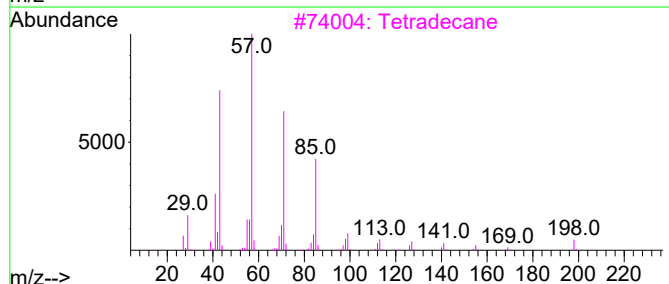
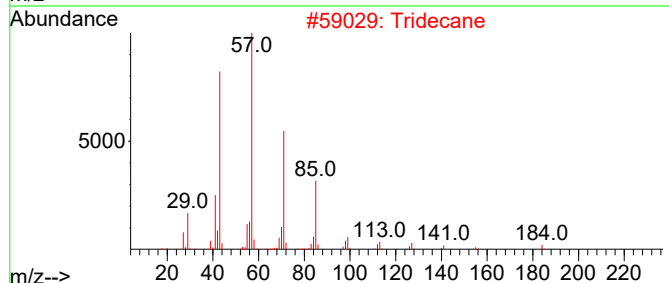
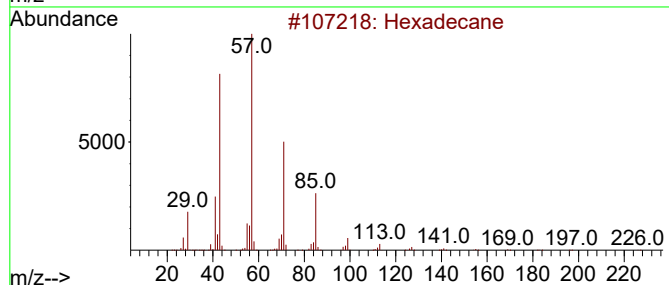
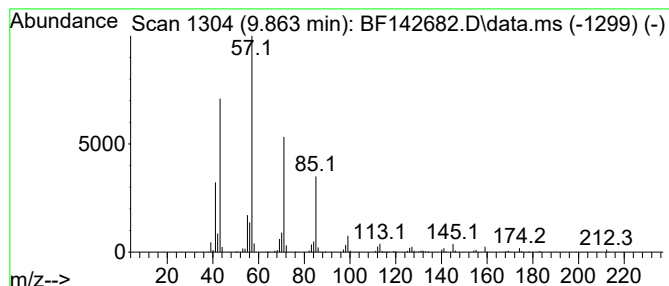
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	23.94 ng	749615	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Tridecane	184	C13H28	000629-50-5	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Heptadecane	240	C17H36	000629-78-7	86
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-04-06042025

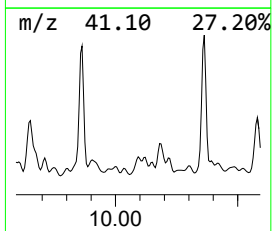
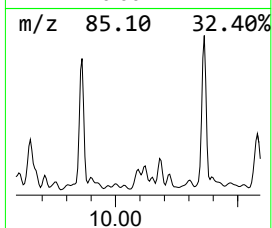
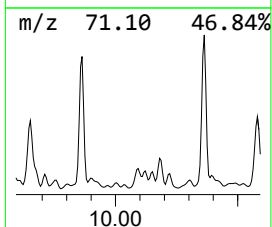
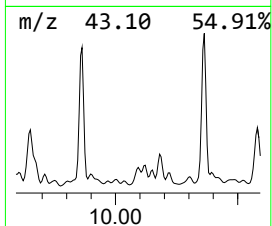
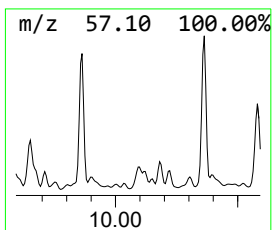
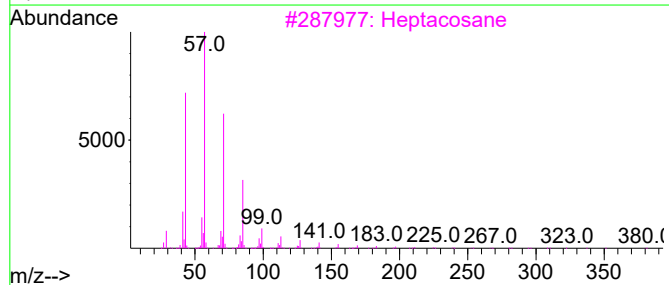
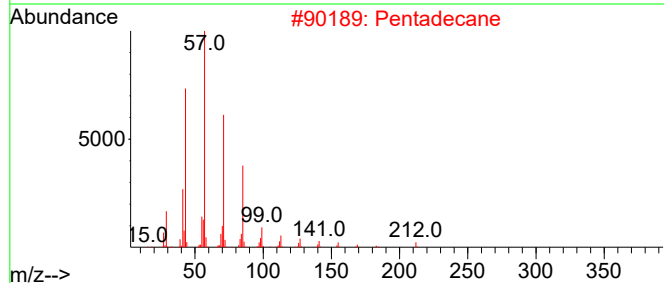
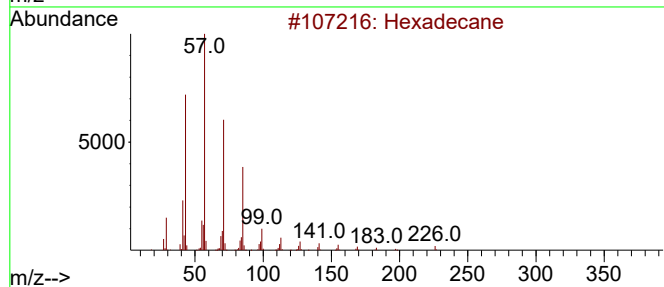
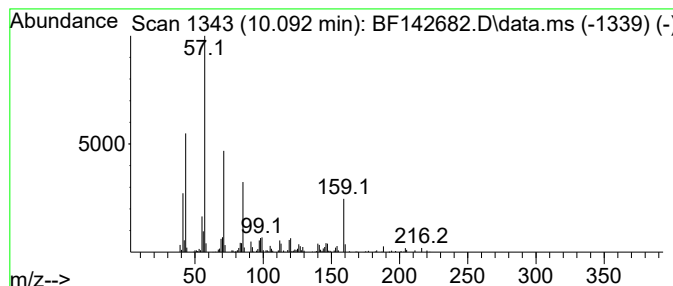
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	4.96 ng	155332	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	50
2			Pentadecane	212	C15H32	000629-62-9	49
3			Heptacosane	380	C27H56	000593-49-7	49
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5			Decane, 5-propyl-	184	C13H28	017312-62-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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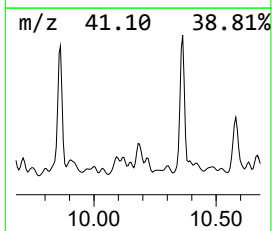
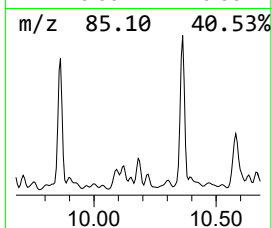
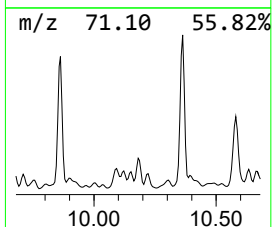
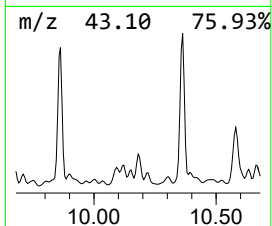
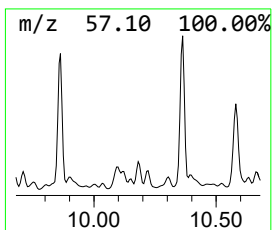
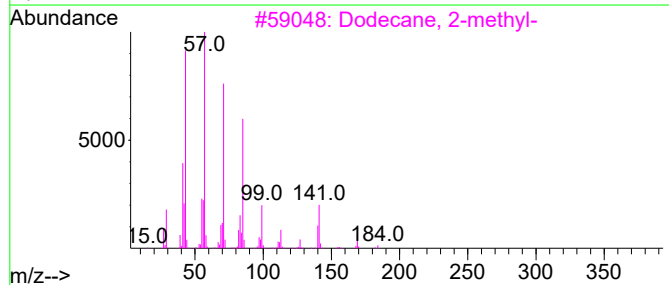
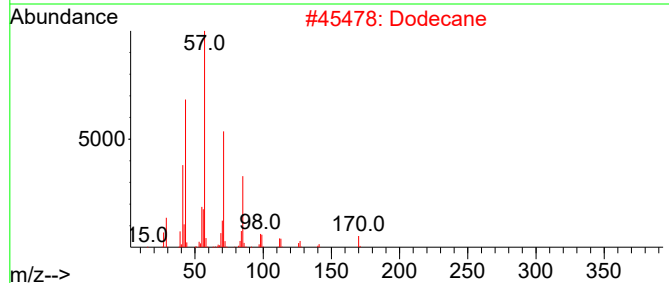
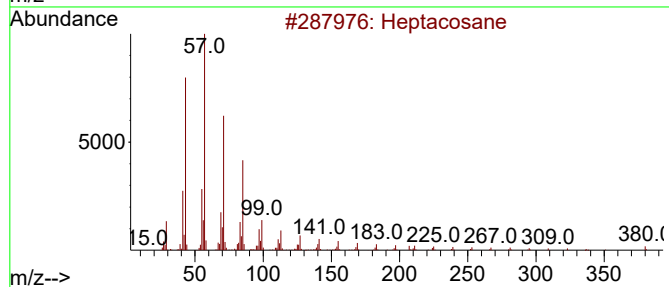
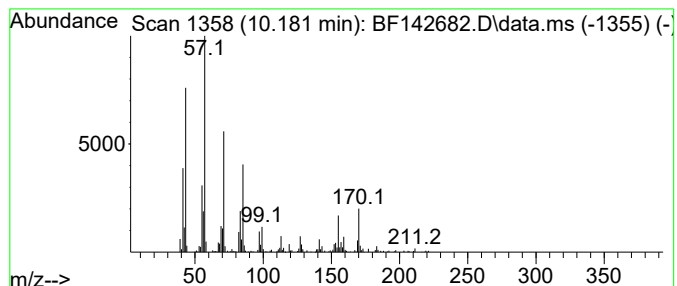
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.181	7.01 ng	219443	Acenaphthene-d10			9.934
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	74
2	Dodecane		170	C12H26	000112-40-3	70
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	64
4	Sulfurous acid, butyl tridecyl e...		320	C17H36O3S	1000309-18-0	64
5	Tetratetracontane		619	C44H90	007098-22-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

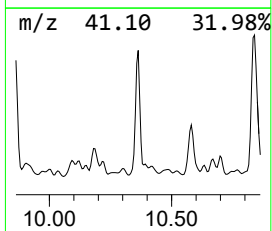
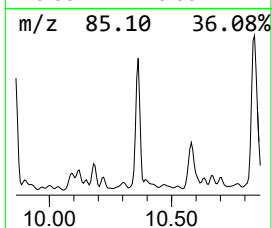
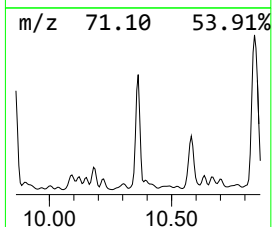
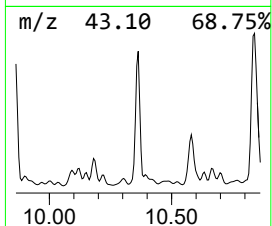
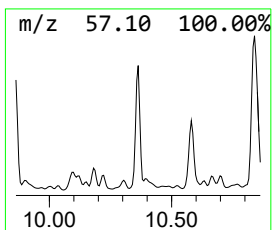
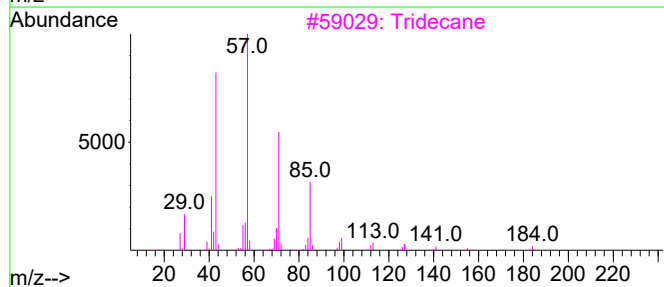
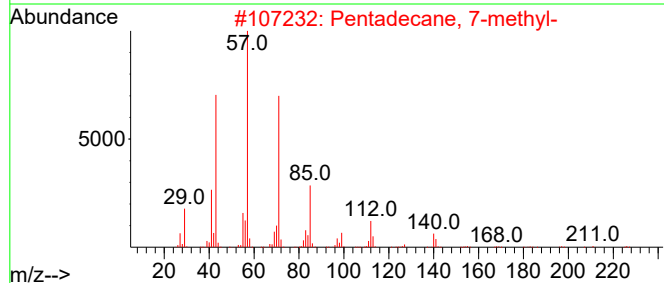
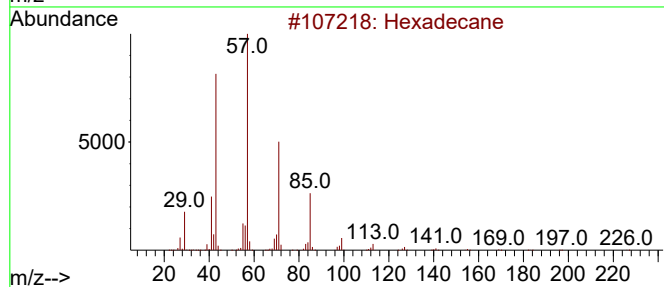
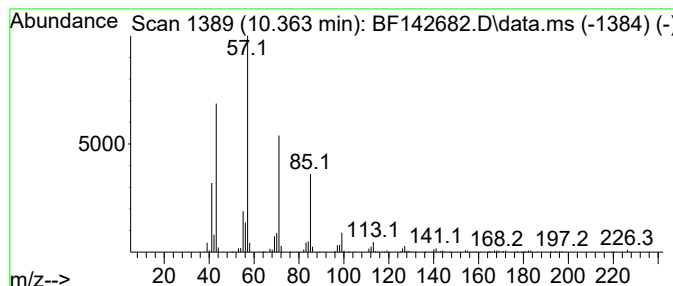
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.363	29.38 ng	919986	Acenaphthene-d10	9.934	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

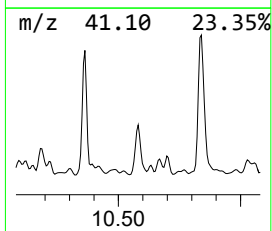
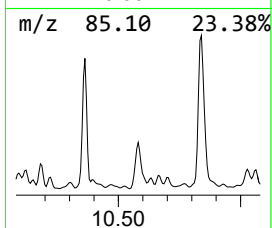
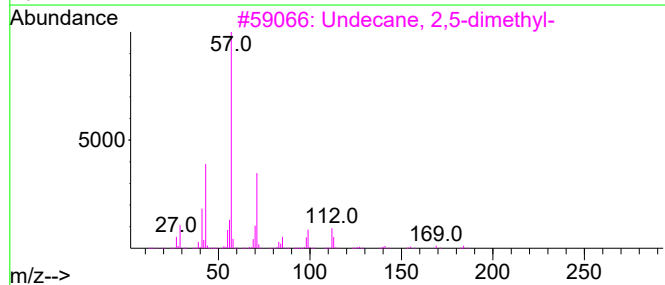
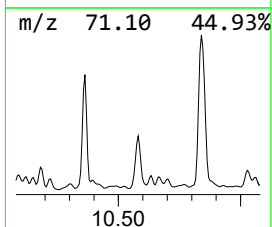
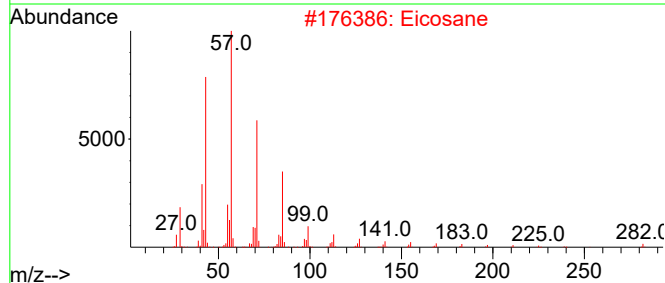
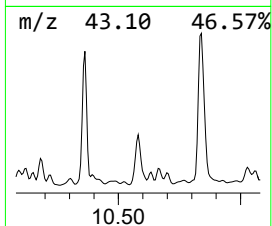
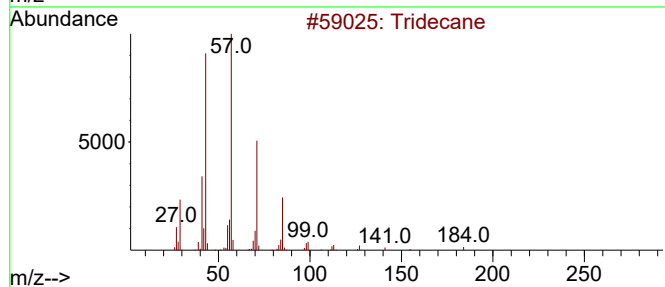
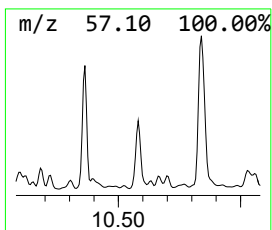
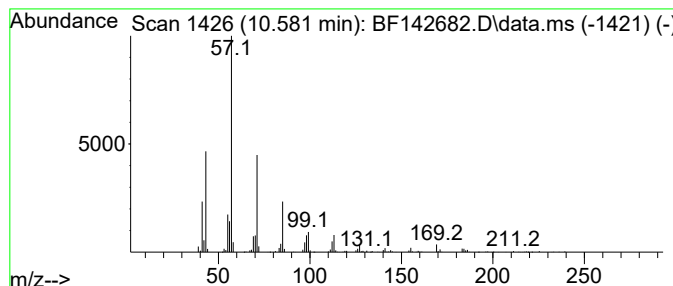
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.581	16.48 ng	515925	Acenaphthene-d10		9.934	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	72
2	Eicosane		282	C20H42	000112-95-8	72
3	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	70
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	64
5	Nonadecane		268	C19H40	000629-92-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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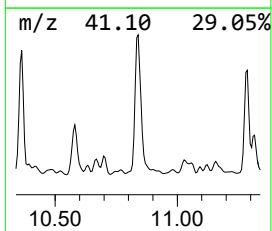
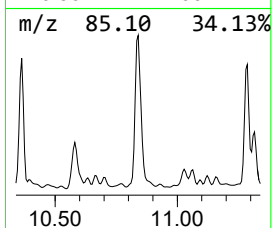
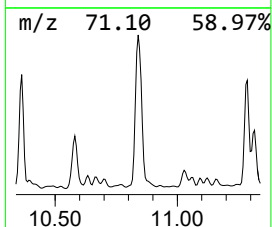
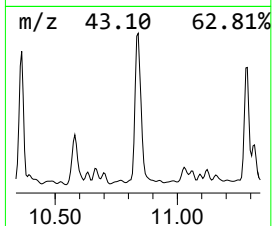
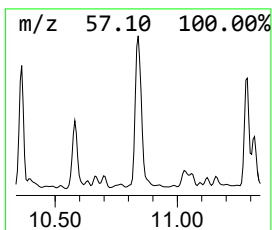
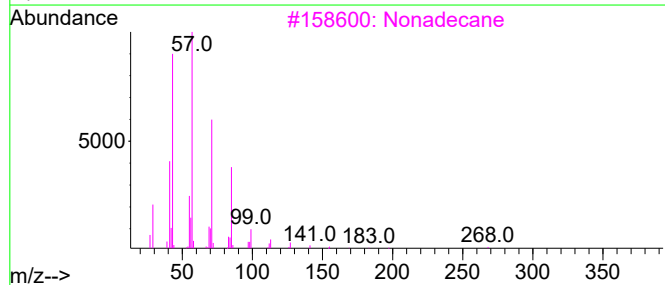
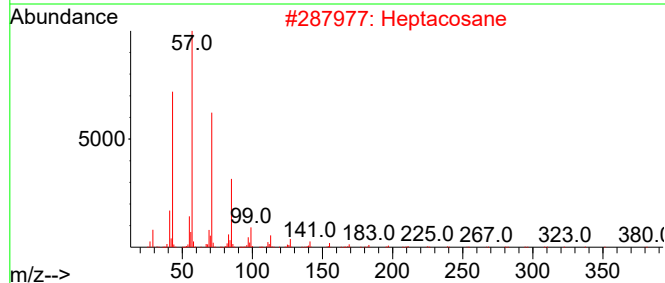
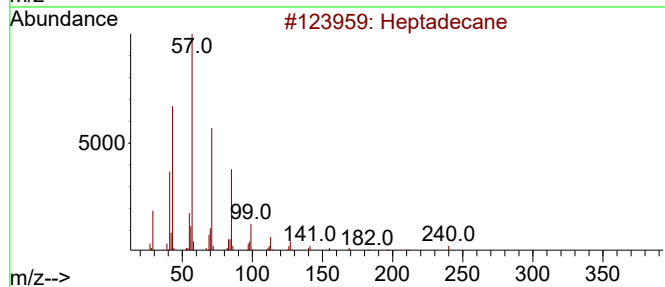
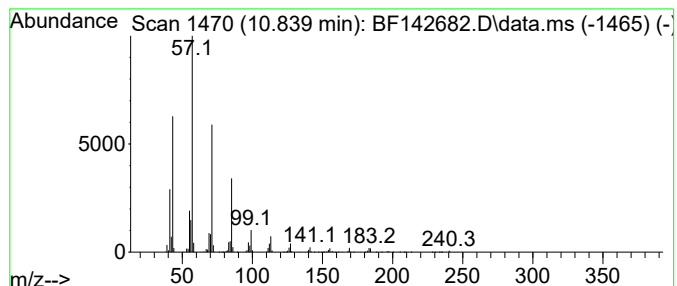
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.839	43.00 ng	1491860	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Heptacosane		380	C27H56	000593-49-7	91
3	Nonadecane		268	C19H40	000629-92-5	90
4	Tridecane		184	C13H28	000629-50-5	90
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

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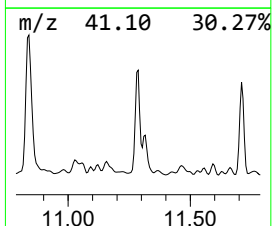
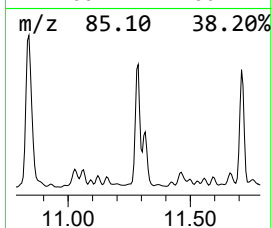
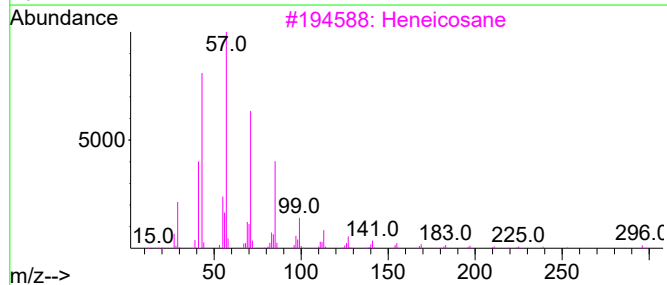
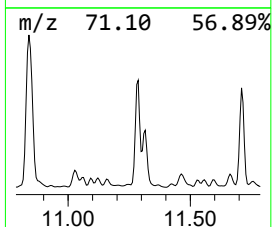
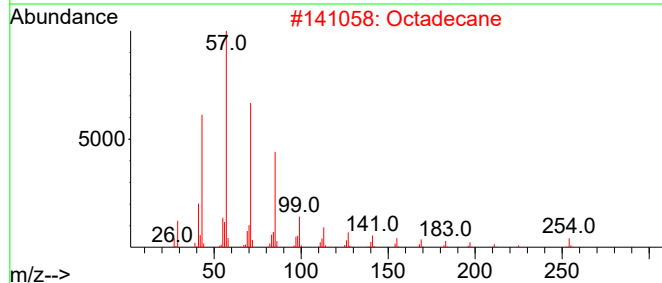
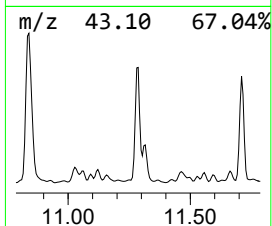
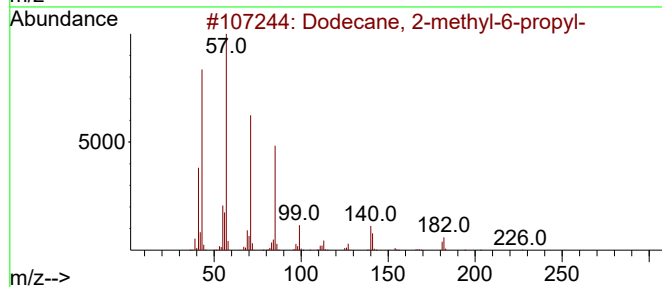
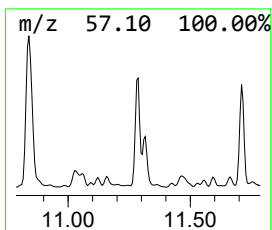
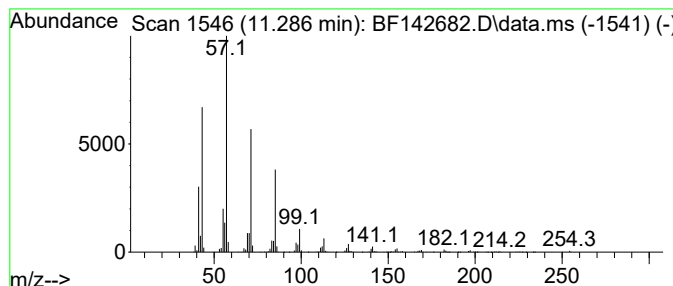
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	26.42 ng	916757	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2			Octadecane	254	C18H38	000593-45-3	93
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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Sample : Q2223-03 5X
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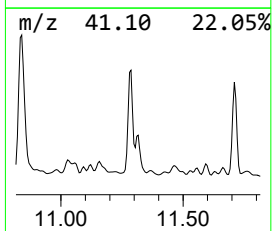
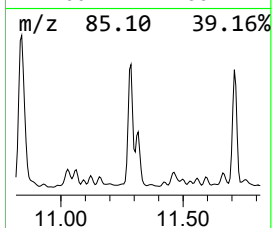
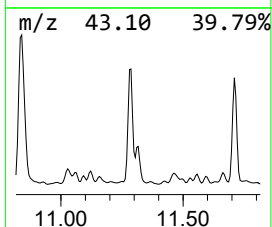
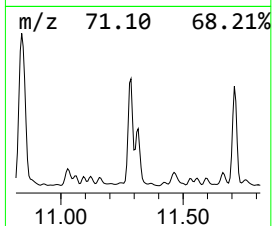
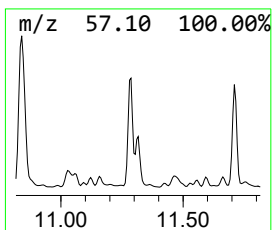
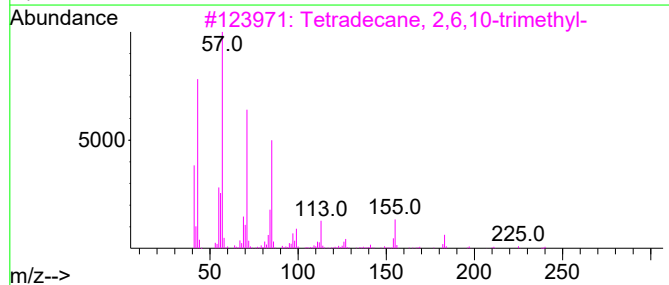
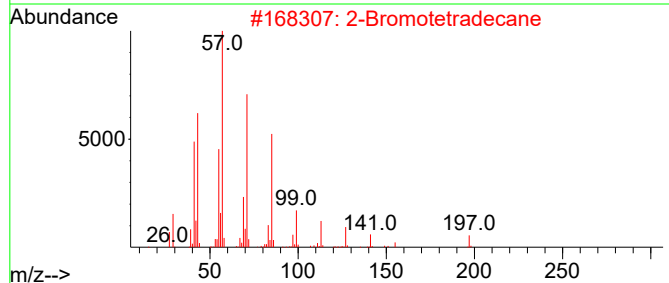
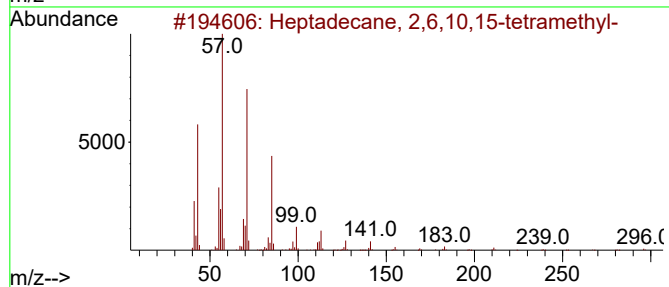
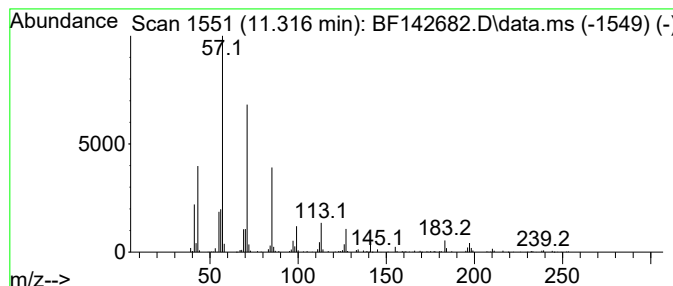
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.316	10.72 ng	371970	Phenanthrene-d10			11.422
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	87
2	2-Bromotetradecane		276	C14H29Br	074036-95-6	86
3	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	86
4	Hexadecane, 3-methyl-		240	C17H36	006418-43-5	80
5	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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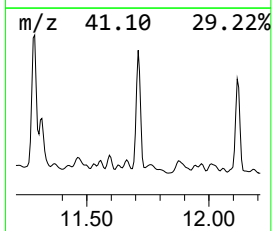
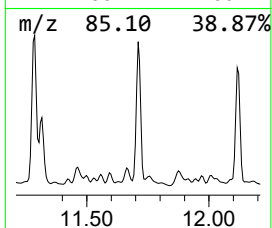
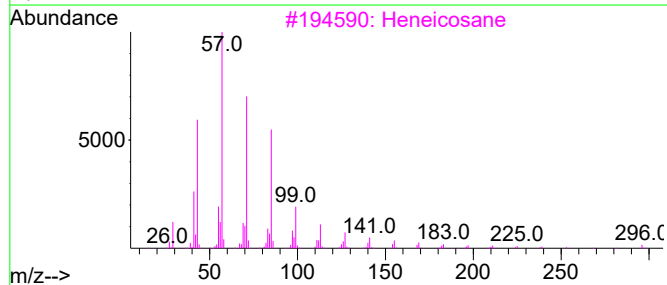
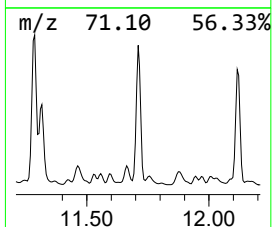
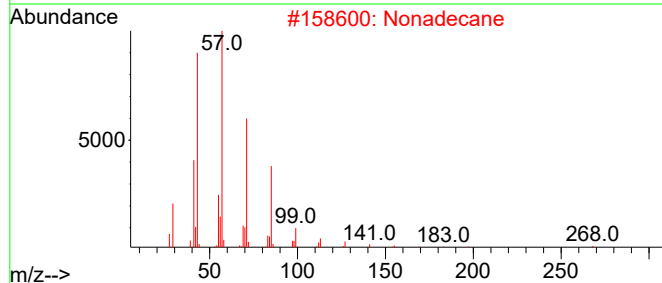
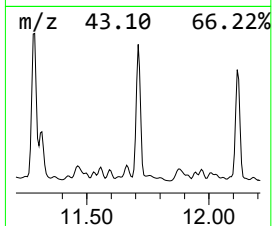
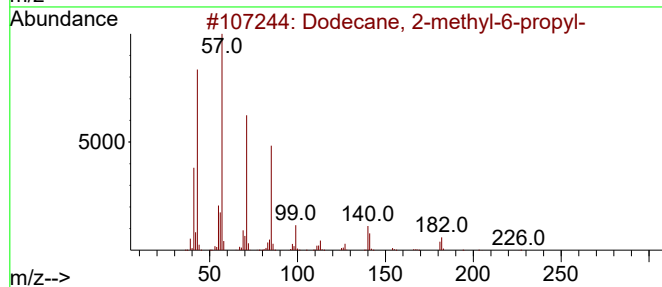
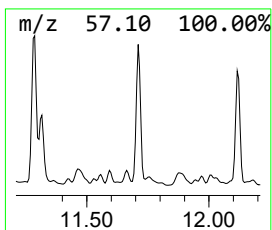
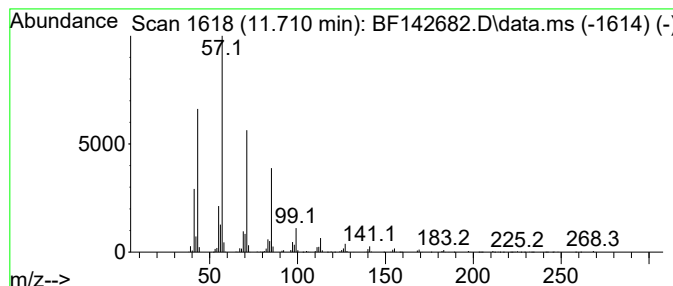
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.710	20.46 ng	709987	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	94
2	Nonadecane		268	C19H40	000629-92-5	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	87
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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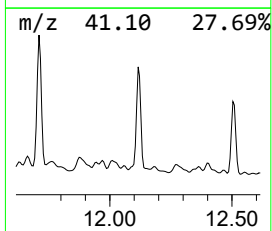
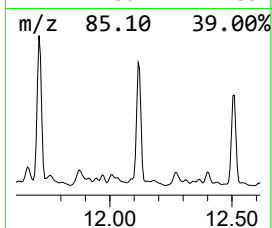
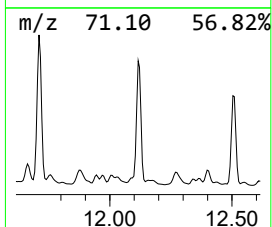
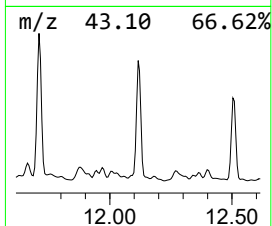
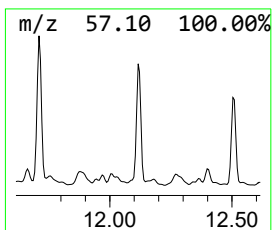
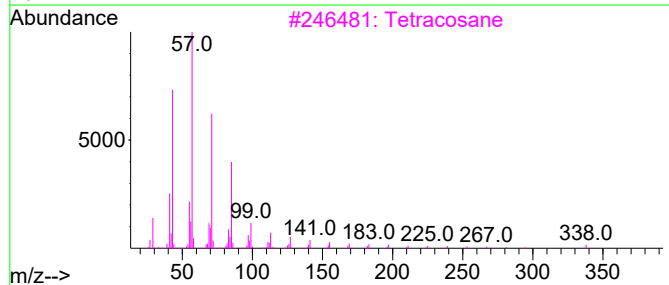
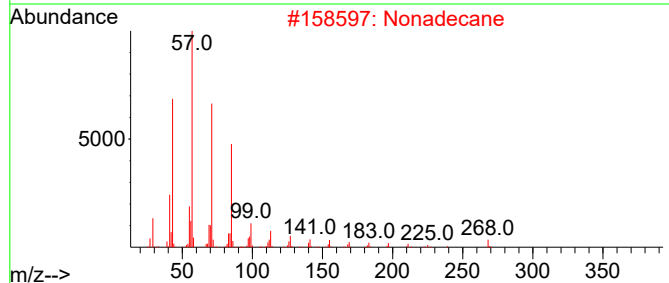
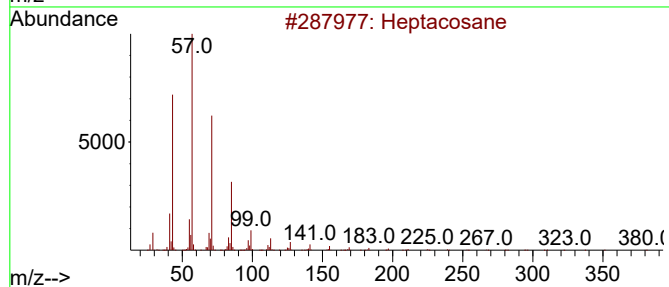
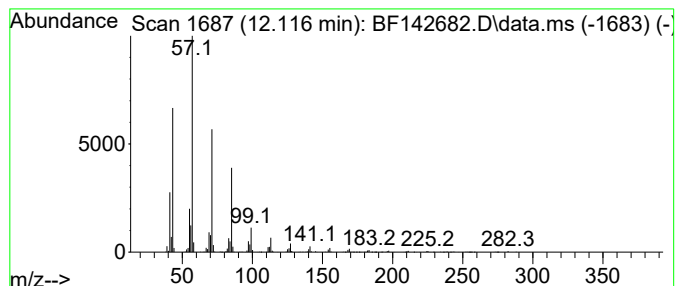
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	17.15 ng	595013	Phenanthrene-d10	11.422

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			Tetracosane	338	C24H50	000646-31-1	91
4			Hexadecane	226	C16H34	000544-76-3	87
5			Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

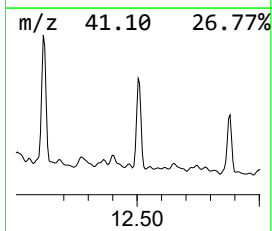
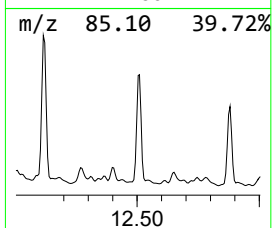
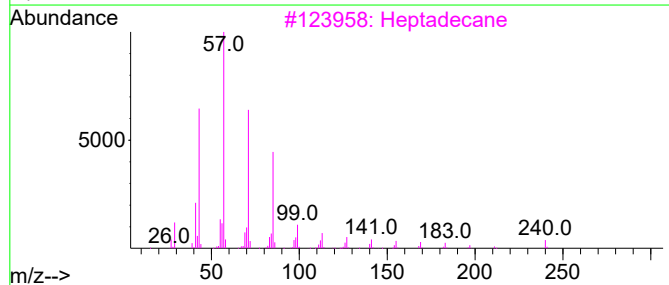
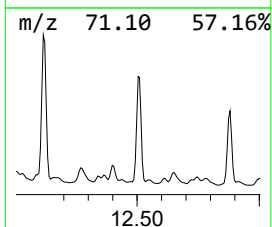
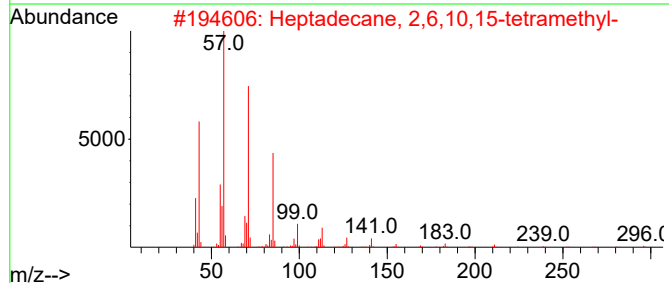
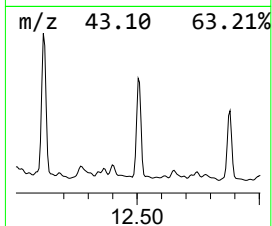
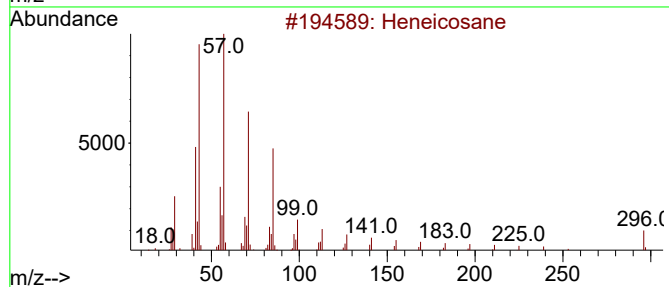
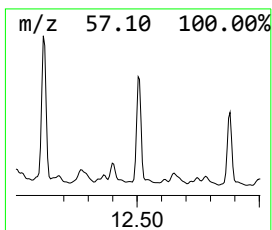
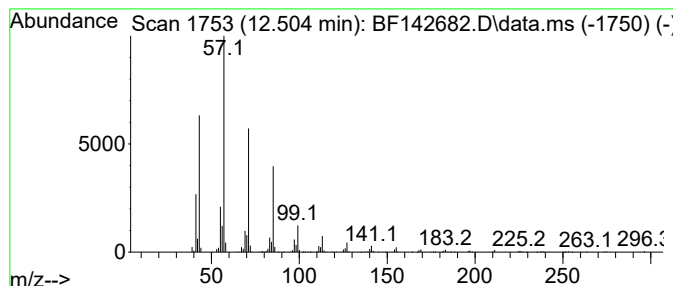
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	13.55 ng	470298	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
3		Heptadecane	240	C17H36	000629-78-7	93
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

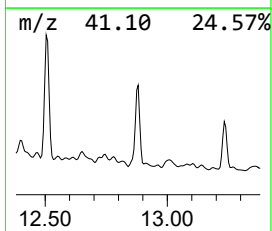
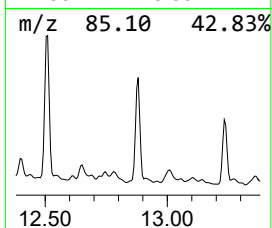
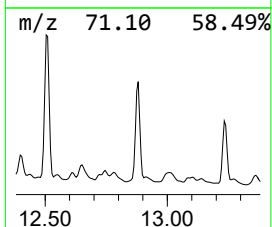
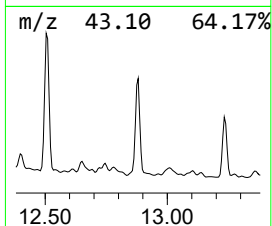
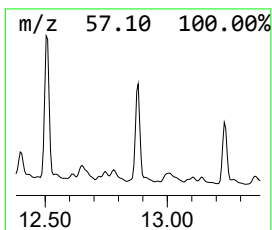
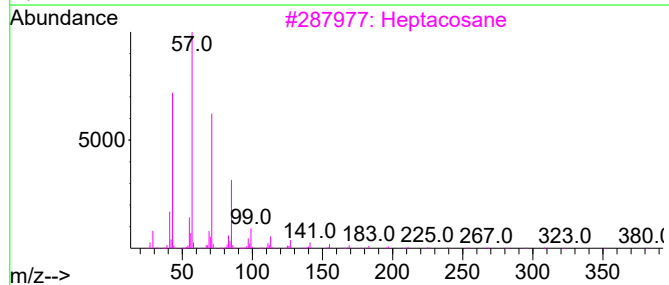
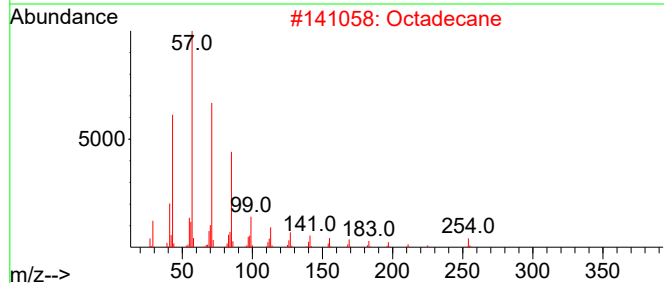
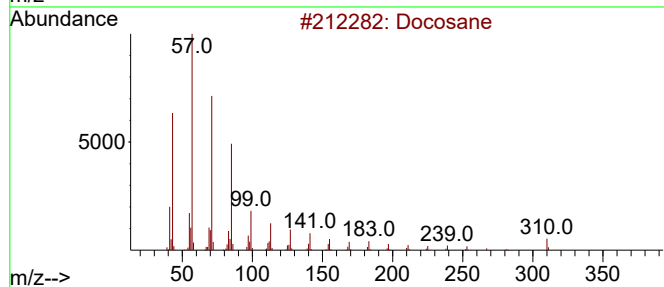
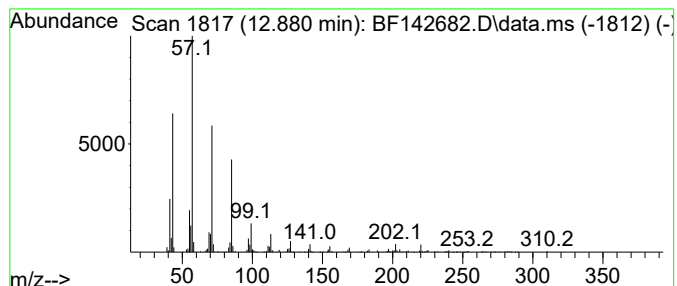
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	10.70 ng	342535	Chrysene-d12	14.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	93
2			Octadecane	254	C18H38	000593-45-3	93
3			Heptacosane	380	C27H56	000593-49-7	90
4			Pentacosane	352	C25H52	000629-99-2	87
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

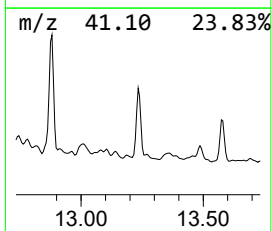
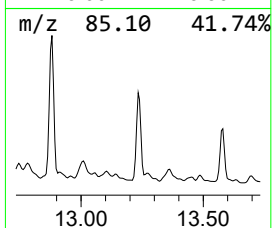
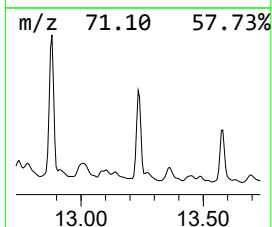
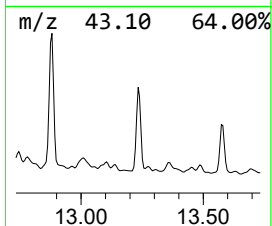
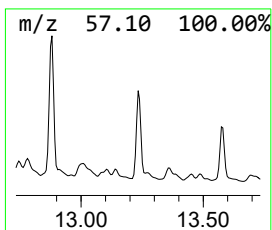
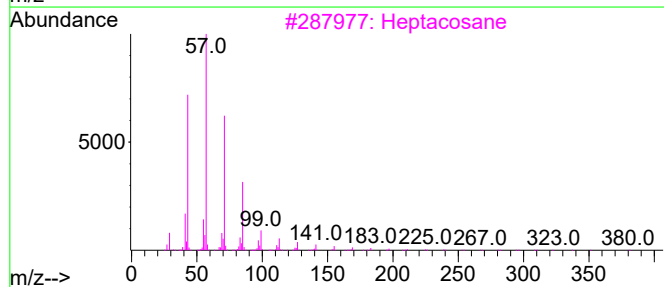
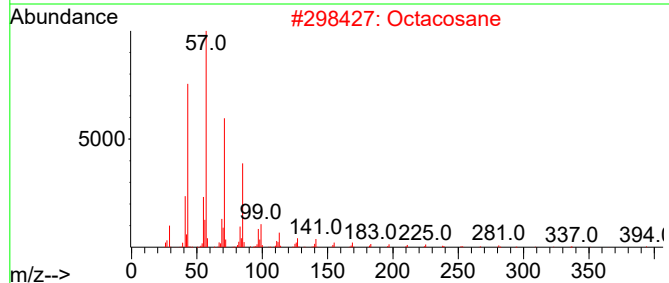
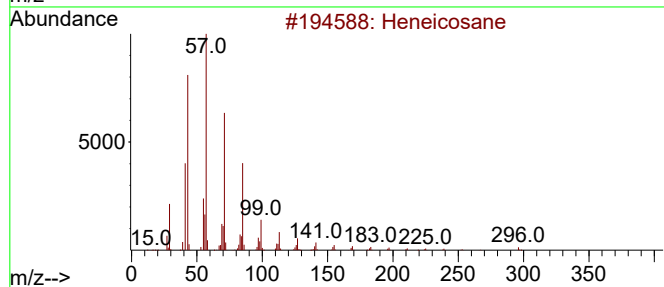
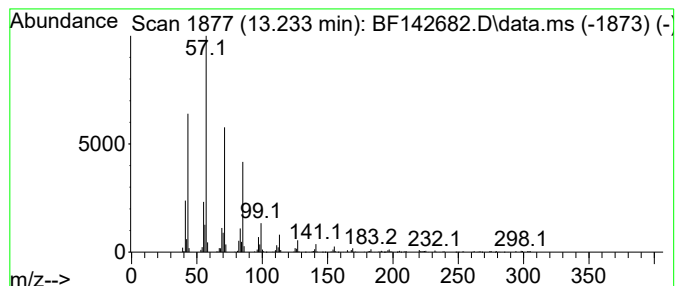
Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

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 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.233	6.46 ng	206849	Chrysene-d12		14.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Heptacosane		380	C27H56	000593-49-7	91
4	Eicosane		282	C20H42	000112-95-8	91
5	Octadecane		254	C18H38	000593-45-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142682.D
Acq On : 07 Jun 2025 10:27
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

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
Tridecane	8.763	6.8	ng	400468	2	8.181	1173770	20.0
unknown9.128	9.128	4.9	ng	153554	3	9.934	626195	20.0
Dodecane, 2,6,1...	9.192	7.5	ng	233485	3	9.934	626195	20.0
Tridecane, 6-me...	9.328	22.5	ng	704222	3	9.934	626195	20.0
unknown9.587	9.587	7.5	ng	233538	3	9.934	626195	20.0
1-Octadecanesul...	9.651	17.8	ng	558262	3	9.934	626195	20.0
unknown9.710	9.710	5.1	ng	158398	3	9.934	626195	20.0
Hexadecane	9.863	23.9	ng	749615	3	9.934	626195	20.0
Pentadecane	10.092	5.0	ng	155332	3	9.934	626195	20.0
Heptacosane	10.181	7.0	ng	219443	3	9.934	626195	20.0
Pentadecane, 7-...	10.363	29.4	ng	919986	3	9.934	626195	20.0
Eicosane	10.581	16.5	ng	515925	3	9.934	626195	20.0
Heptadecane	10.839	43.0	ng	1491860	4	11.422	693954	20.0
Dodecane, 2-met...	11.286	26.4	ng	916757	4	11.422	693954	20.0
Heptadecane, 2,...	11.316	10.7	ng	371970	4	11.422	693954	20.0
Nonadecane	11.710	20.5	ng	709987	4	11.422	693954	20.0
Tetracosane	12.116	17.1	ng	595013	4	11.422	693954	20.0
Octacosane	12.504	13.6	ng	470298	4	11.422	693954	20.0
Docosane	12.880	10.7	ng	342535	5	14.069	640360	20.0
Heneicosane	13.233	6.5	ng	206849	5	14.069	640360	20.0