

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142854.D
 Acq On : 25 Jun 2025 23:41
 Operator : RC/JU
 Sample : Q2412-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-062425

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142854.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	484	491	501	rVB	33795	47752	3.81%	0.236%
2	5.487	553	560	577	rBV	350099	470473	37.57%	2.330%
3	6.404	713	716	719	rBV2	14109	16921	1.35%	0.084%
4	6.498	727	732	739	rVB	324898	409756	32.72%	2.029%
5	6.557	739	742	748	rVB2	8518	13688	1.09%	0.068%
6	6.704	763	767	775	rVB2	50334	71459	5.71%	0.354%
7	6.828	780	788	791	rBV3	9155	19447	1.55%	0.096%
8	6.875	791	796	803	rVV	343088	435918	34.81%	2.159%
9	6.934	803	806	810	rVB2	19003	22797	1.82%	0.113%
10	7.022	817	821	824	rBV2	16753	21538	1.72%	0.107%
11	7.151	832	843	846	rBV2	43643	83736	6.69%	0.415%
12	7.192	846	850	857	rVB3	40637	71470	5.71%	0.354%
13	7.269	857	863	867	rBV3	40138	63296	5.05%	0.313%
14	7.339	872	875	877	rBV	19193	25205	2.01%	0.125%
15	7.363	877	879	882	rVB	19891	18870	1.51%	0.093%
16	7.410	882	887	888	rBV	57253	72839	5.82%	0.361%
17	7.434	888	891	895	rVV	204374	266827	21.31%	1.321%
18	7.469	895	897	901	rVB	90298	95367	7.61%	0.472%
19	7.522	901	906	909	rBV4	49015	68488	5.47%	0.339%
20	7.563	909	913	915	rBV4	22494	32915	2.63%	0.163%
21	7.651	924	928	929	rBV2	23197	28506	2.28%	0.141%
22	7.675	929	932	942	rVB2	72053	129129	10.31%	0.639%
23	7.781	942	950	951	rBV4	46444	96616	7.71%	0.478%
24	7.804	951	954	957	rVV2	30685	41142	3.29%	0.204%
25	7.834	957	959	963	rVB3	45040	56650	4.52%	0.281%
26	7.898	963	970	977	rBV6	95057	231046	18.45%	1.144%
27	7.975	977	983	985	rBV4	31941	54516	4.35%	0.270%
28	7.998	985	987	990	rVB	49242	45476	3.63%	0.225%
29	8.028	990	992	995	rVB2	32088	30669	2.45%	0.152%
30	8.063	995	998	1001	rBV2	27537	31544	2.52%	0.156%
31	8.157	1001	1014	1020	rBV2	402497	995541	79.49%	4.930%
32	8.210	1020	1023	1027	rVB2	107709	151403	12.09%	0.750%
33	8.245	1027	1029	1036	rVB5	47192	72329	5.78%	0.358%
34	8.334	1037	1044	1045	rBV4	43006	82620	6.60%	0.409%
35	8.357	1045	1048	1052	rVB2	71456	83370	6.66%	0.413%
36	8.404	1053	1056	1059	rBV3	30353	40391	3.23%	0.200%

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37	8.451	1059	1064	1069	rBV6	99566	151354	12.09%	0.750%
38	8.504	1070	1073	1076	rBV4	46514	54558	4.36%	0.270%
39	8.539	1076	1079	1082	rBV4	69869	82439	6.58%	0.408%
40	8.575	1082	1085	1088	rBV	101256	121186	9.68%	0.600%

41	8.663	1096	1100	1104	rBV2	183097	231044	18.45%	1.144%
42	8.745	1110	1114	1118	rBV	312377	400763	32.00%	1.985%
43	8.822	1124	1127	1130	rBV	47712	58761	4.69%	0.291%
44	8.910	1139	1142	1144	rBV2	34990	42955	3.43%	0.213%
45	8.981	1150	1154	1159	rBV4	154105	220301	17.59%	1.091%

46	9.110	1172	1176	1181	rVB3	97263	151381	12.09%	0.750%
47	9.151	1181	1183	1184	rBV	37279	32112	2.56%	0.159%
48	9.175	1184	1187	1193	rVV4	152246	228608	18.25%	1.132%
49	9.233	1193	1197	1201	rVB	364211	426357	34.04%	2.111%
50	9.316	1206	1211	1215	rBV	480228	657096	52.47%	3.254%

51	9.386	1220	1223	1226	rVB	100139	112785	9.01%	0.559%
52	9.498	1239	1242	1247	rVB4	70174	108564	8.67%	0.538%
53	9.569	1247	1254	1256	rBV6	114000	242988	19.40%	1.203%
54	9.633	1261	1265	1268	rVV2	265075	435303	34.76%	2.156%
55	9.692	1272	1275	1279	rVB2	118044	140314	11.20%	0.695%

56	9.780	1287	1290	1293	rBV3	44001	65480	5.23%	0.324%
57	9.845	1296	1301	1305	rVV	547161	708077	56.54%	3.506%
58	9.916	1305	1313	1317	rVV	315089	498619	39.81%	2.469%
59	10.022	1328	1331	1335	rVB	60488	77429	6.18%	0.383%
60	10.075	1336	1340	1342	rBV2	93821	142958	11.41%	0.708%

61	10.163	1352	1355	1359	rBV4	129963	179305	14.32%	0.888%
62	10.239	1364	1368	1374	rBV7	61245	159237	12.71%	0.789%
63	10.345	1380	1386	1390	rBV	633561	856825	68.41%	4.243%
64	10.563	1418	1423	1429	rVB	258284	409222	32.67%	2.027%
65	10.616	1429	1432	1435	rBV2	70503	105839	8.45%	0.524%

66	10.704	1445	1447	1451	rVB	164353	171252	13.67%	0.848%
67	10.822	1462	1467	1475	rVB	774068	1252402	100.00%	6.202%
68	11.010	1496	1499	1501	rBV	67696	88654	7.08%	0.439%
69	11.269	1538	1543	1546	rBV	611022	858448	68.54%	4.251%
70	11.298	1546	1548	1554	rVB	258855	306727	24.49%	1.519%

71	11.404	1562	1566	1570	rBV	367835	503527	40.20%	2.494%
72	11.574	1592	1595	1599	rBV2	60846	68755	5.49%	0.340%
73	11.645	1604	1607	1611	rVB2	65656	80036	6.39%	0.396%
74	11.692	1611	1615	1620	rBV	583267	701077	55.98%	3.472%
75	11.857	1640	1643	1648	rBV3	58657	105406	8.42%	0.522%

76	12.098	1680	1684	1689	rBV	488693	599333	47.85%	2.968%
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77	12.380	1729	1732	1740	rVB2	70636	105787	8.45%	0.524%
78	12.492	1747	1751	1756	rVB	390621	494294	39.47%	2.448%
79	12.621	1770	1773	1784	rVB2	116187	200017	15.97%	0.991%
80	12.863	1808	1814	1819	rVB2	304412	457829	36.56%	2.267%
81	12.992	1831	1836	1845	rVB	503252	687589	54.90%	3.405%
82	13.216	1871	1874	1882	rVB	162358	218907	17.48%	1.084%
83	13.468	1914	1917	1925	rVB	71236	112617	8.99%	0.558%
84	13.563	1929	1933	1939	rVV	107883	140793	11.24%	0.697%
85	13.892	1985	1989	1999	rVB2	91600	160766	12.84%	0.796%
86	14.051	2011	2016	2027	rVB2	418387	637236	50.88%	3.156%
87	14.204	2039	2042	2051	rVB	54891	82524	6.59%	0.409%
88	14.510	2091	2094	2100	rBV2	41853	61519	4.91%	0.305%
89	15.104	2192	2195	2202	rVB	43928	80610	6.44%	0.399%
90	15.168	2203	2206	2211	rVB	37862	51074	4.08%	0.253%
91	15.545	2265	2270	2281	rVB	206168	364591	29.11%	1.806%

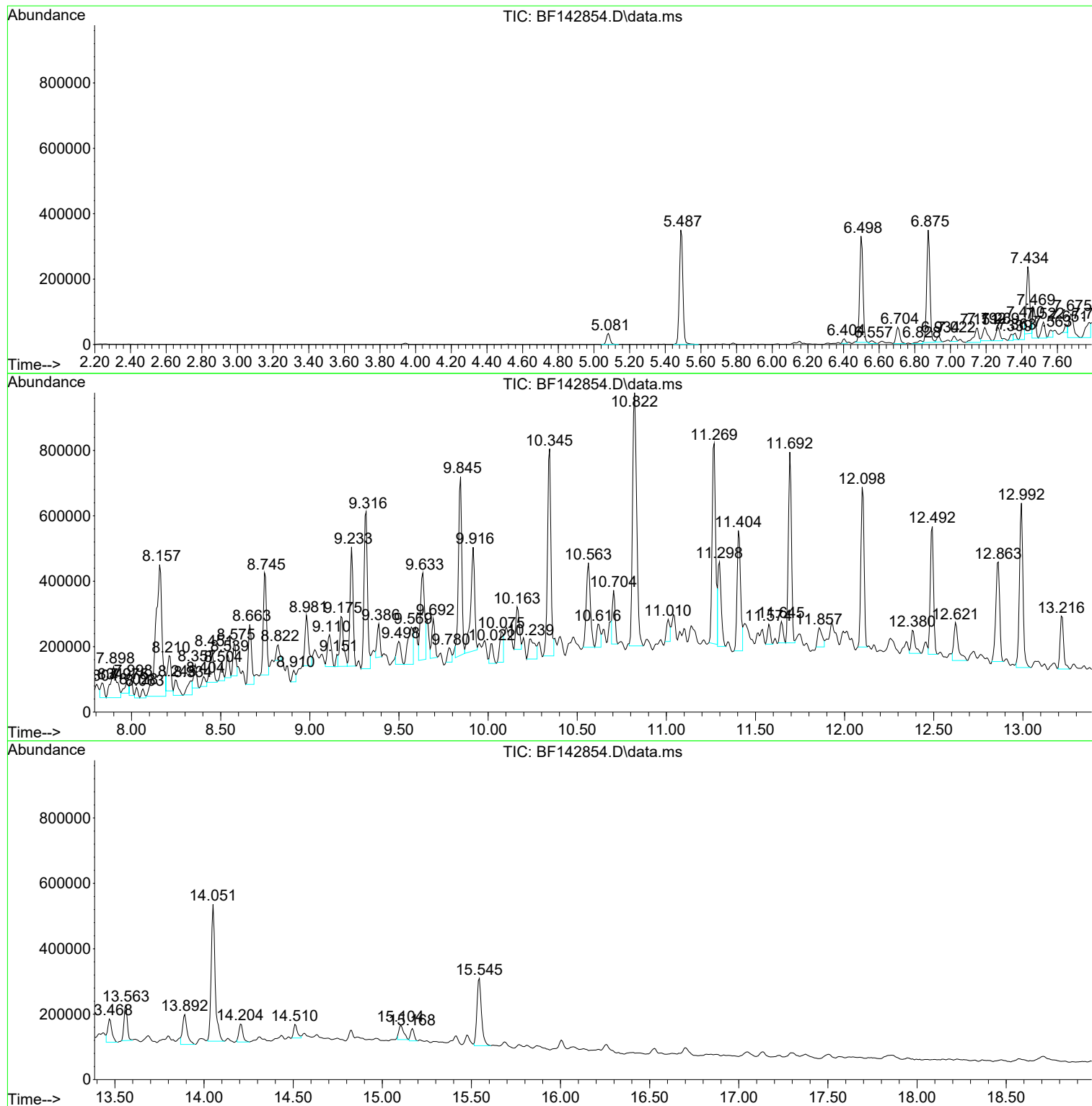
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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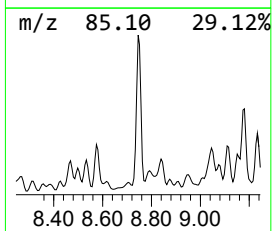
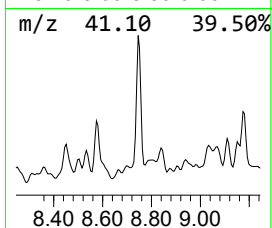
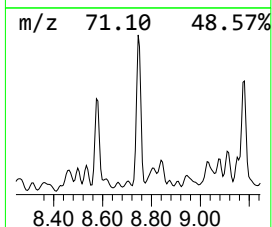
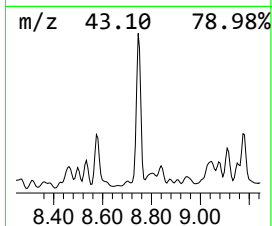
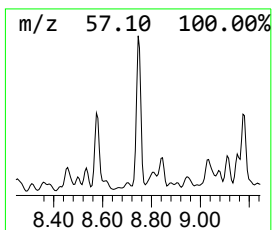
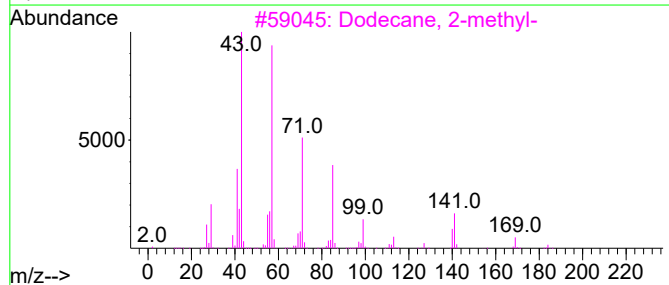
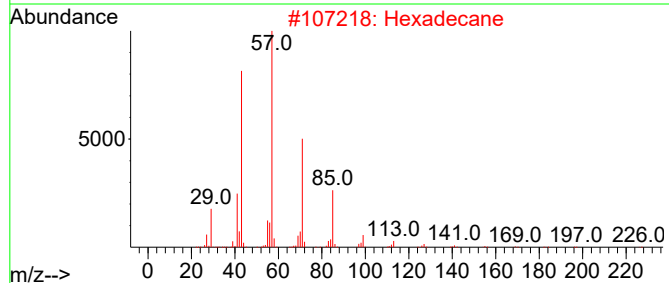
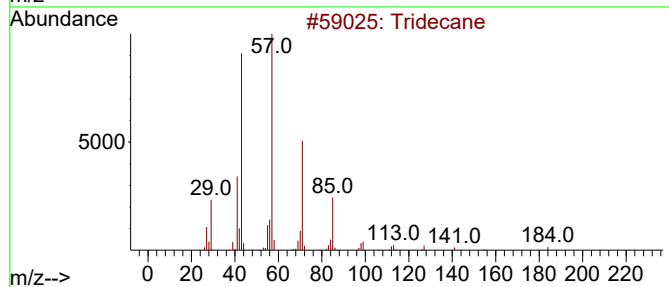
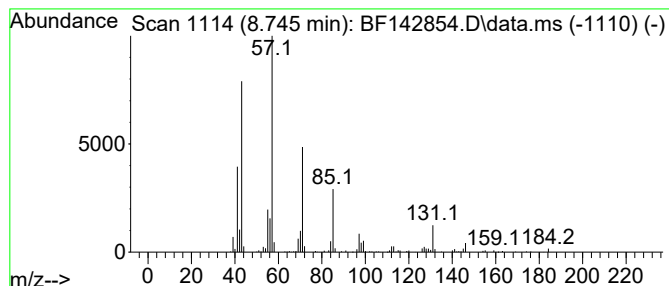
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	8.05 ng	400763	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	72
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4			Tetradecane	198	C14H30	000629-59-4	58
5			Dodecane	170	C12H26	000112-40-3	58



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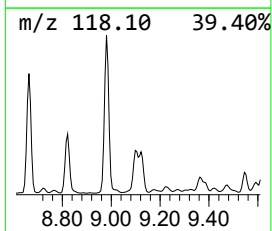
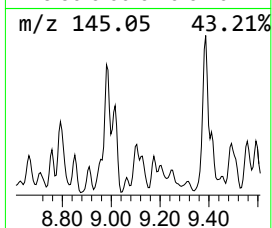
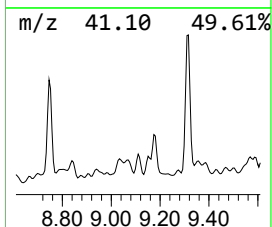
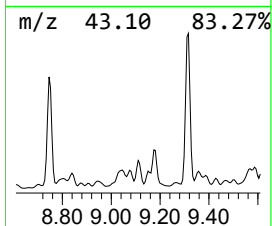
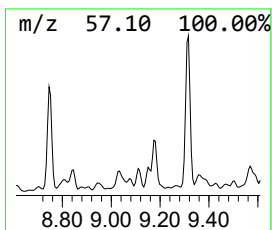
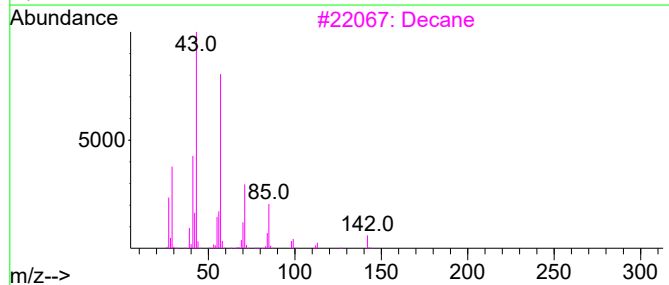
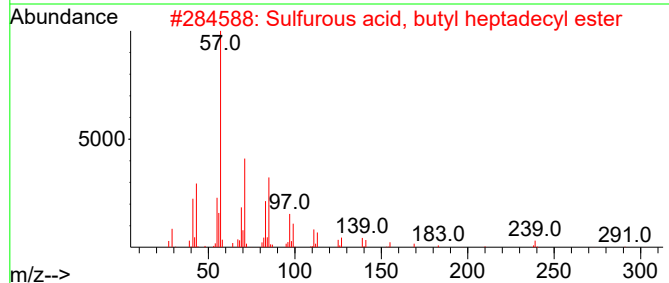
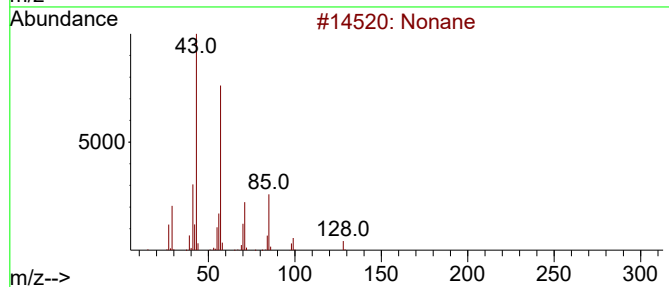
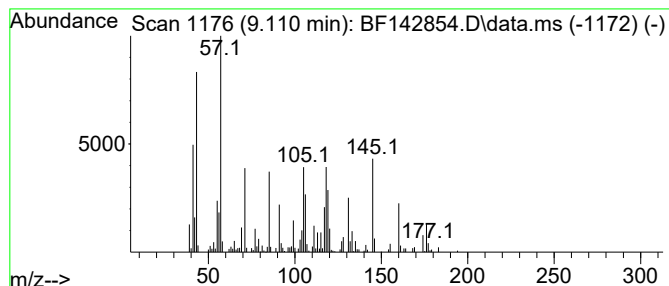
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown9.110 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.110	6.07 ng	151381	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	11
2	Sulfurous acid, butyl heptadecyl...		376	C21H44O3S	1000309-18-4	11
3	Decane		142	C10H22	000124-18-5	11
4	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	10
5	Hentriacontane		437	C31H64	000630-04-6	10



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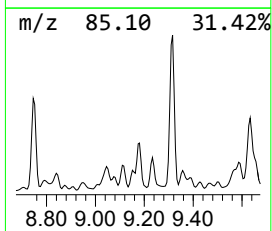
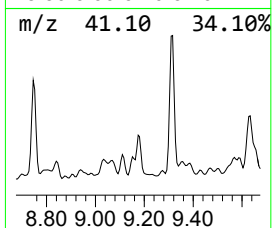
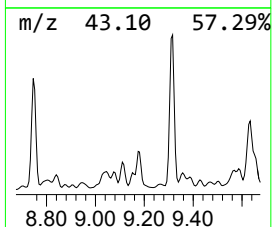
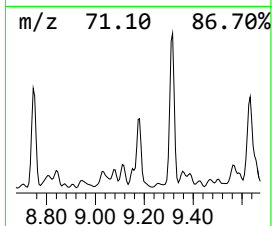
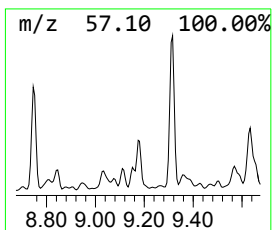
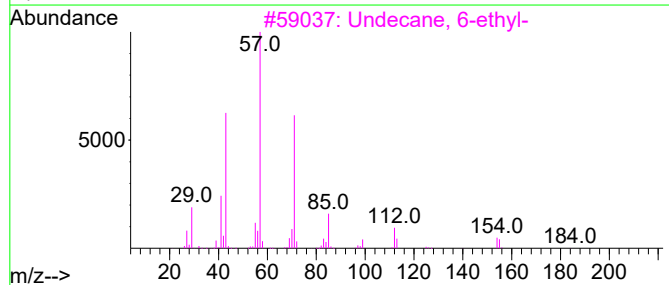
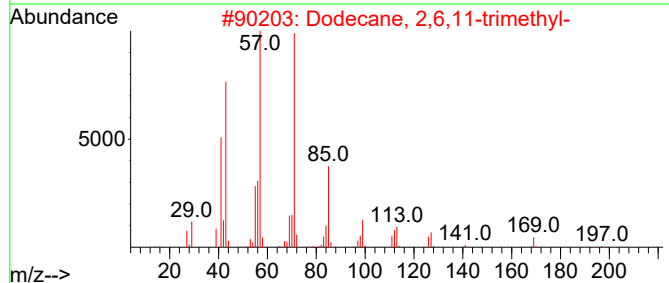
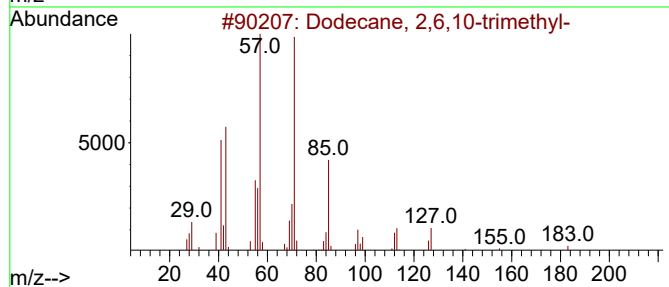
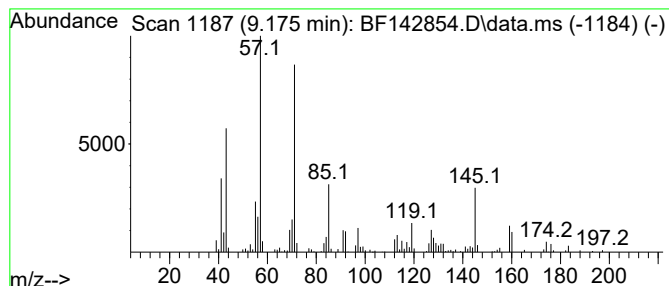
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	9.17 ng	228608	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	62
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
3			Undecane, 6-ethyl-	184	C13H28	017312-60-6	47
4			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	47
5			Decane, 5-propyl-	184	C13H28	017312-62-8	47



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ClientSampleId :
TR-05-062425

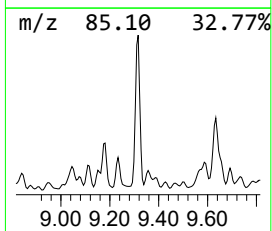
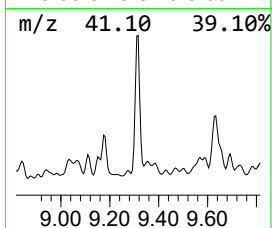
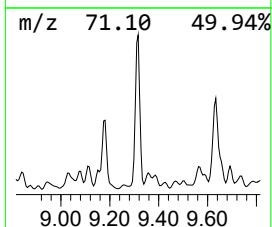
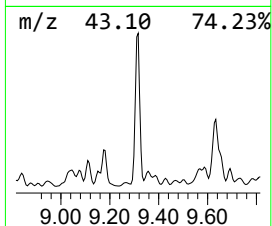
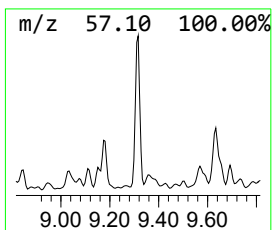
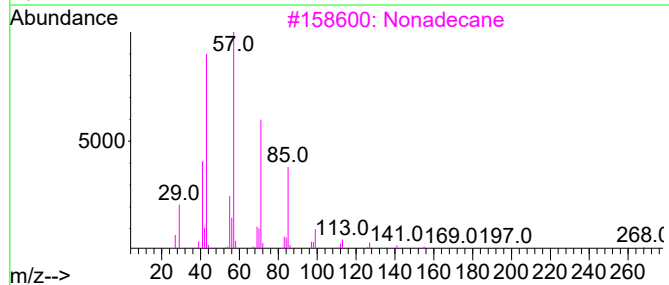
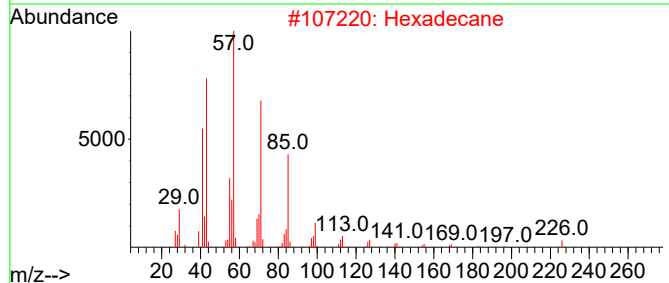
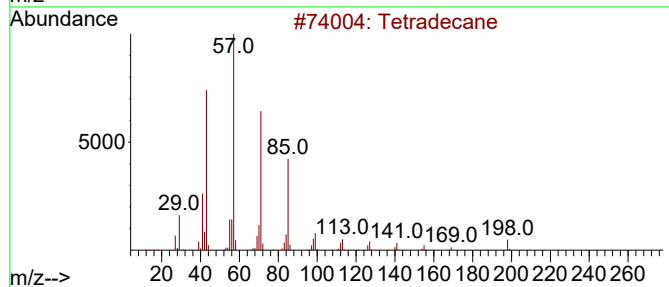
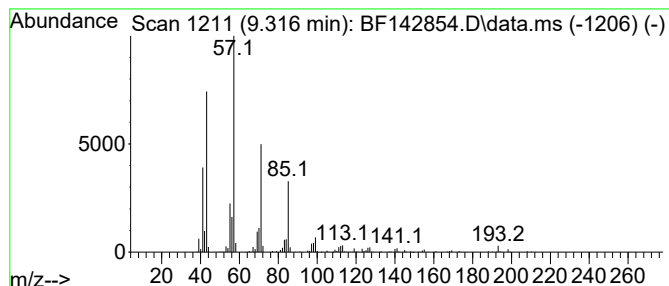
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	26.36 ng	657096	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Dodecane	170	C12H26	000112-40-3	80
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
Operator : RC/JU
Sample : Q2412-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-062425

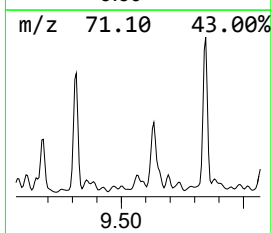
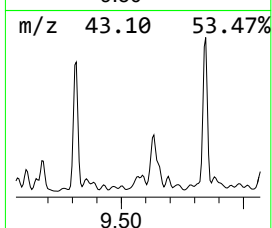
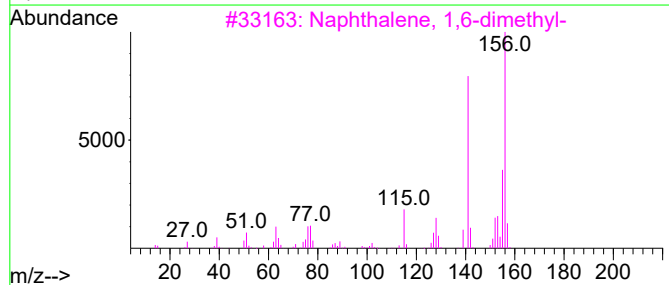
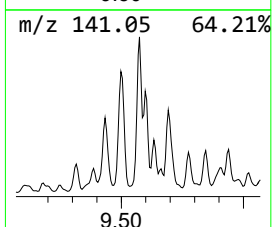
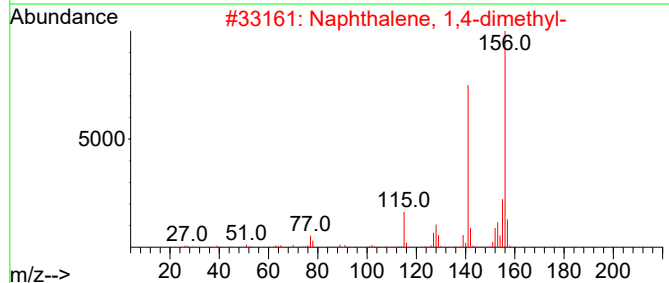
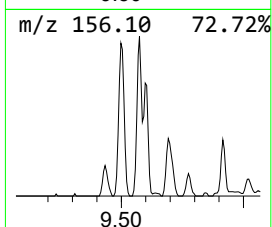
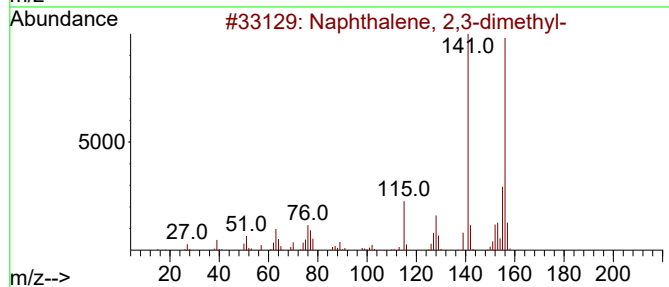
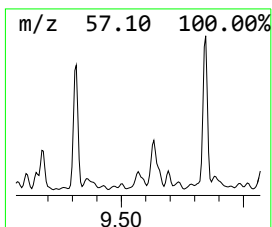
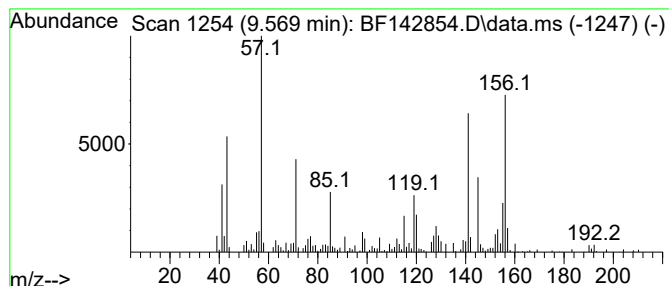
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	9.75 ng	242988	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
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Sample : Q2412-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

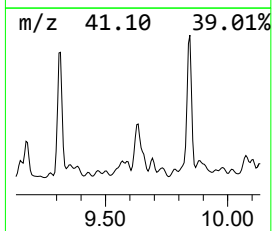
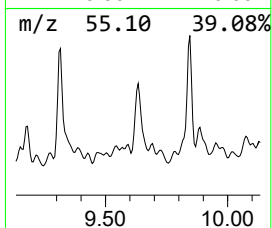
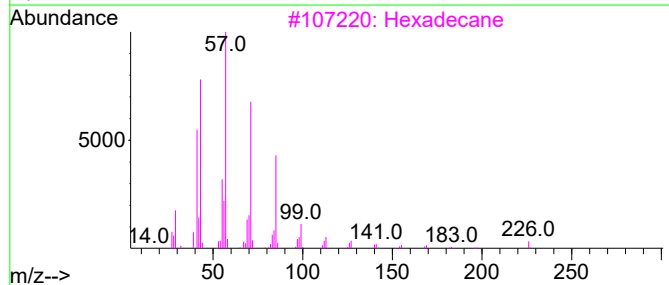
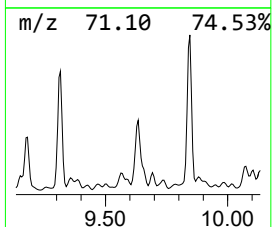
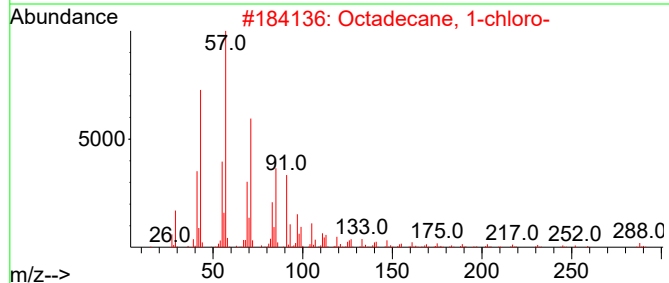
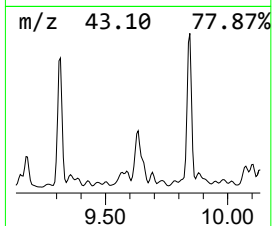
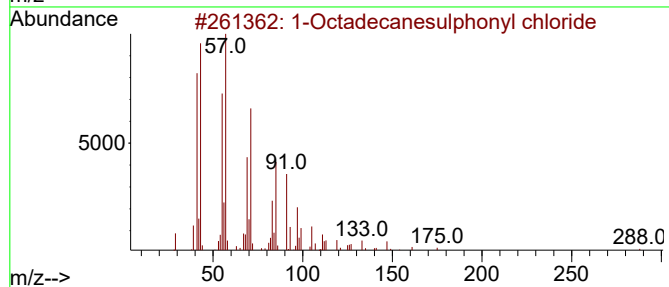
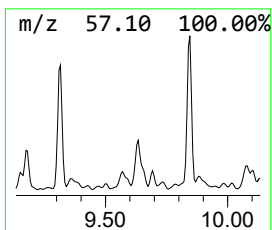
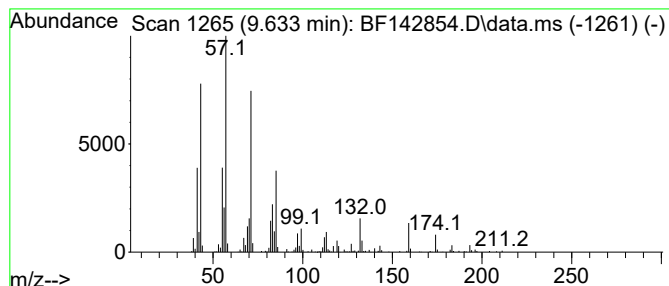
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Octadecanesulphonyl chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.633	17.46 ng	435303	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
3	Hexadecane	226	C16H34	000544-76-3	72
4	Nonadecane	268	C19H40	000629-92-5	72
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
Operator : RC/JU
Sample : Q2412-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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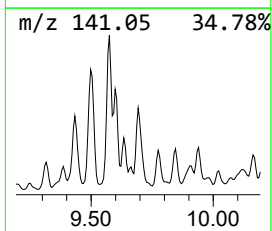
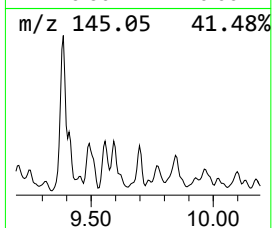
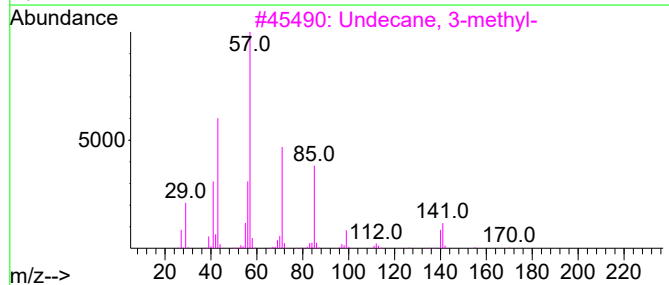
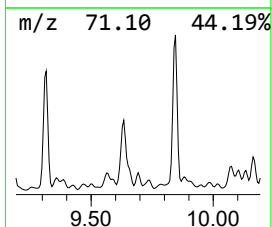
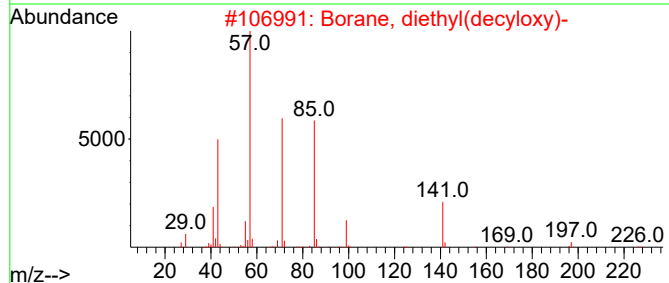
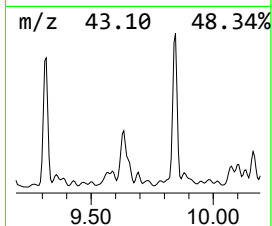
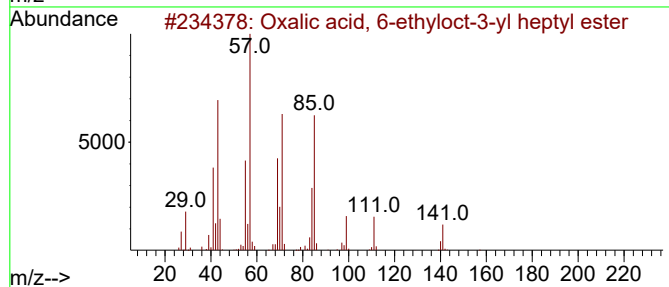
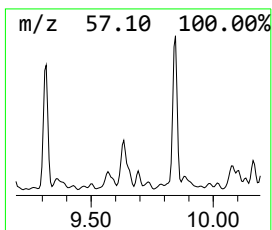
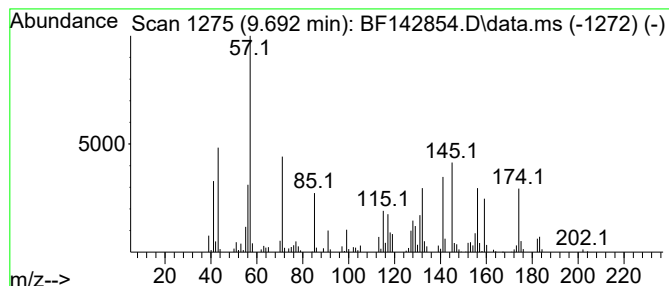
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.692 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	5.63 ng	140314	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	22
2			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	22
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	22
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	14
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
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ALS Vial : 22 Sample Multiplier: 1

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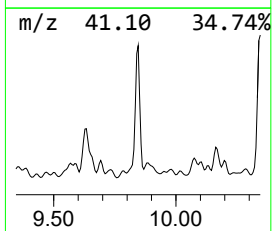
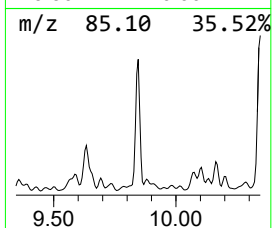
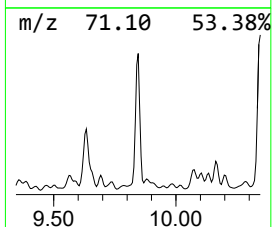
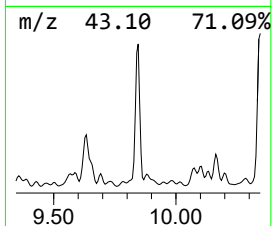
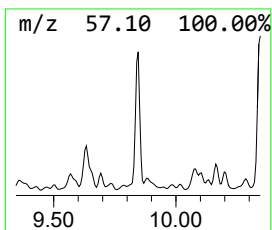
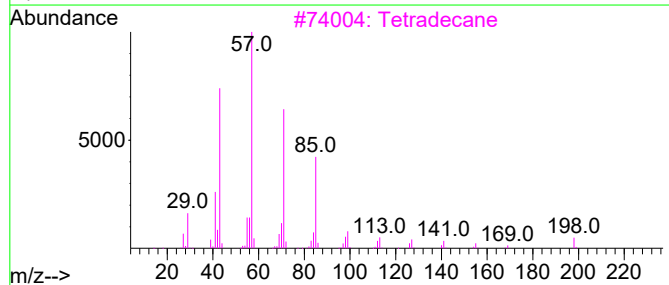
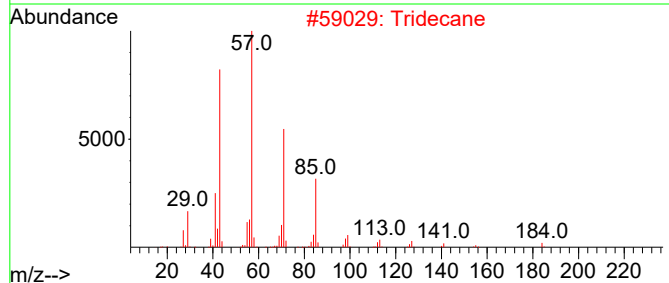
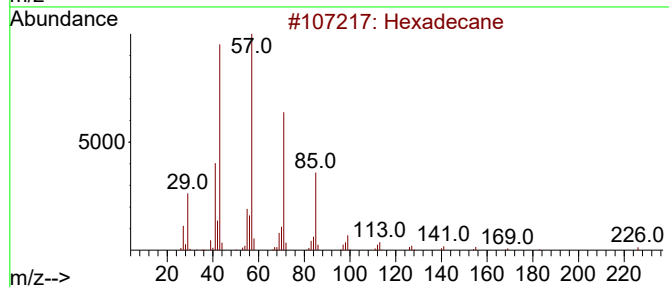
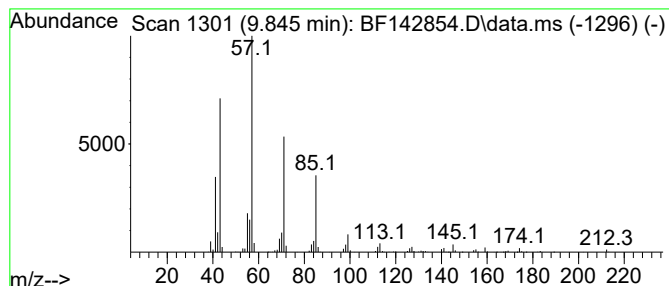
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
9.845	28.40 ng	708077	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
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\BF062525\
Data File : BF142854.D
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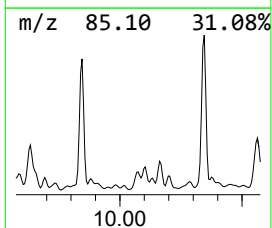
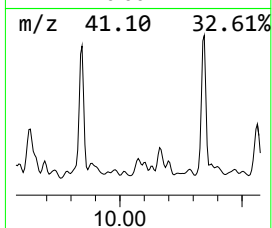
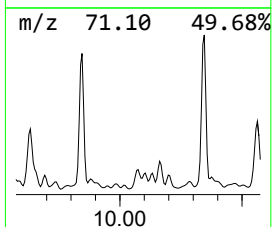
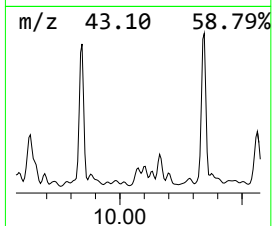
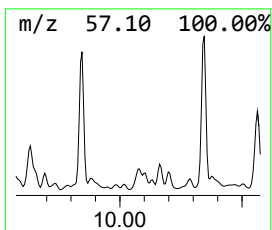
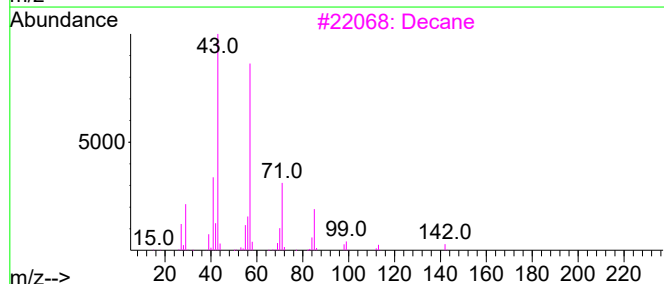
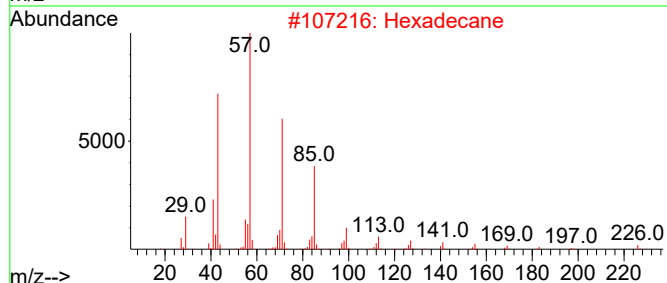
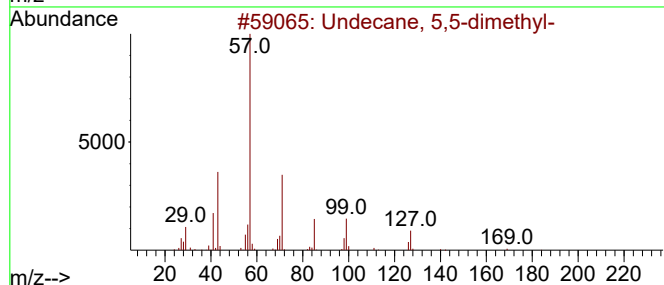
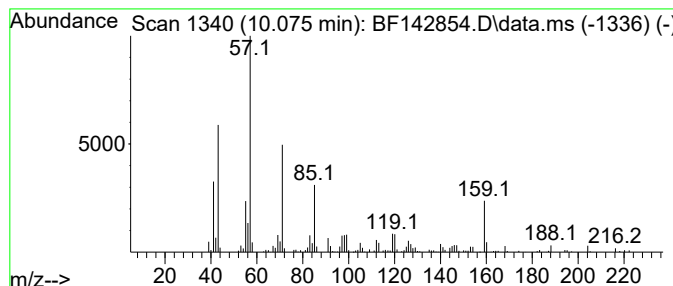
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 5,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.075	5.73 ng	142958	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5,5-dimethyl-		184	C13H28	017312-73-1	53
2	Hexadecane		226	C16H34	000544-76-3	53
3	Decane		142	C10H22	000124-18-5	53
4	Heptacosane		380	C27H56	000593-49-7	52
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
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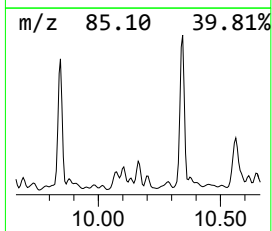
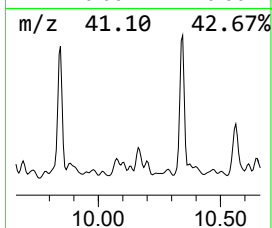
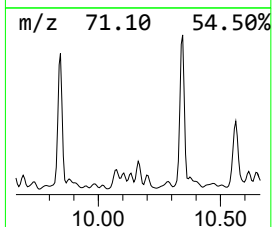
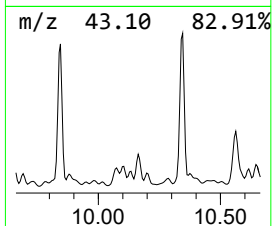
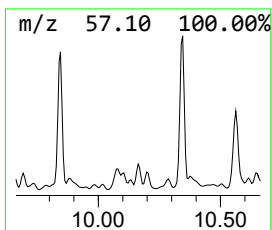
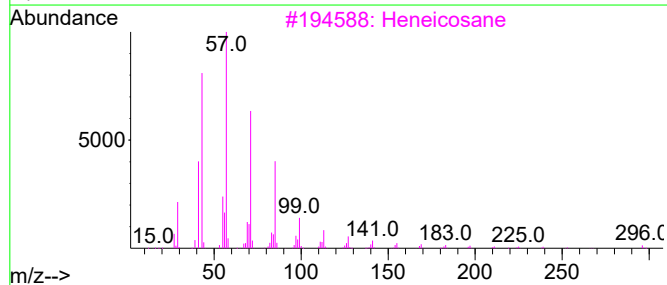
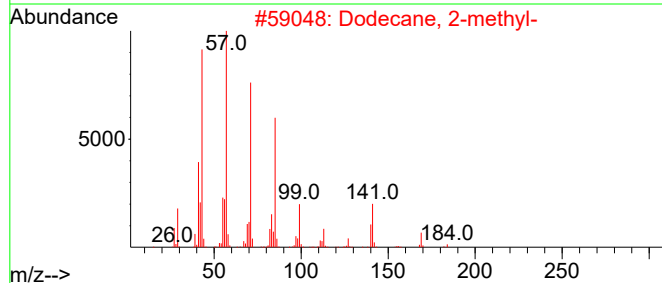
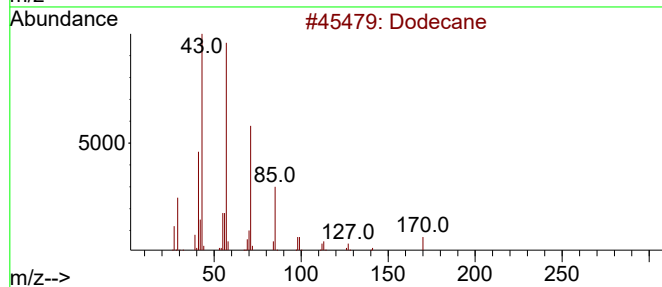
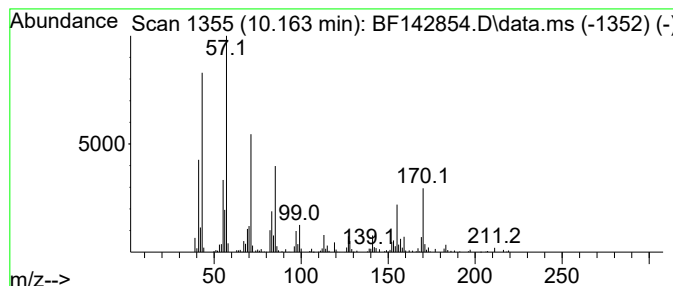
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.163	7.19 ng	179305	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
3	Heneicosane	296	C21H44	000629-94-7	68
4	Tetracosane	338	C24H50	000646-31-1	62
5	Nonadecane	268	C19H40	000629-92-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
Operator : RC/JU
Sample : Q2412-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

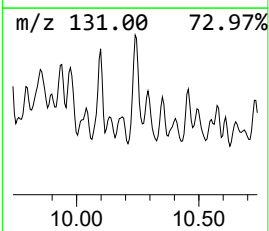
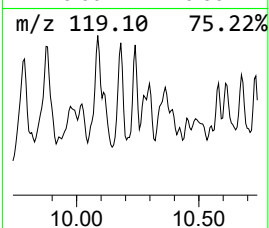
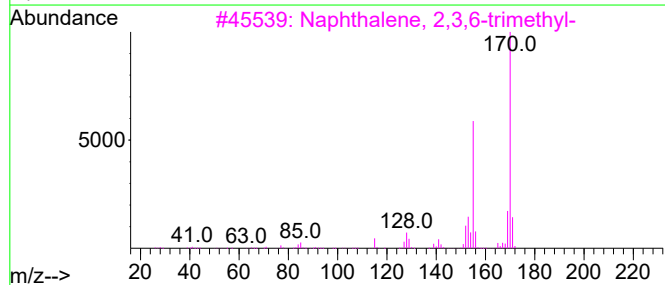
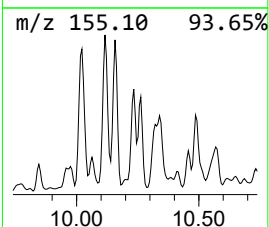
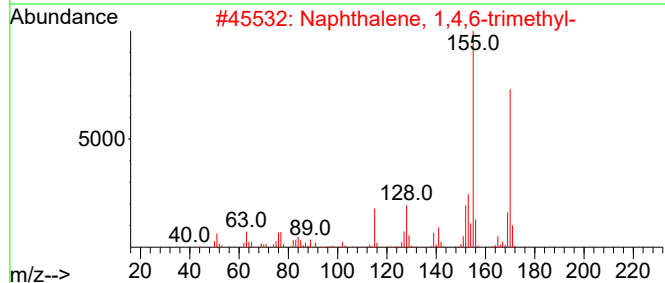
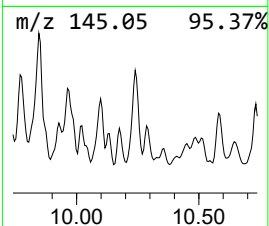
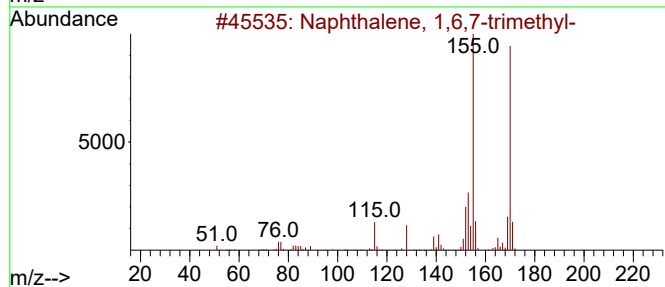
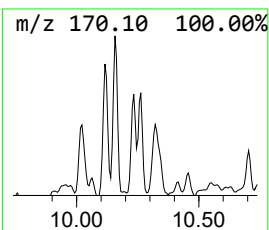
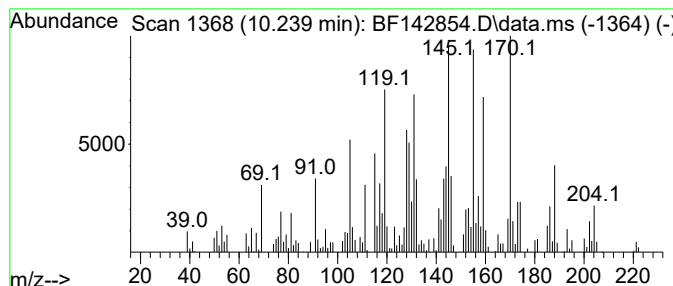
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.239	6.39 ng	159237	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	68
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	66
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	62
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	35
5	5-Benzocyclooctenol, 5,6,7,8-tet...	174	C12H14O	069576-88-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
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Operator : RC/JU
Sample : Q2412-01 2X
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ALS Vial : 22 Sample Multiplier: 1

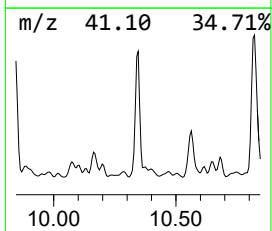
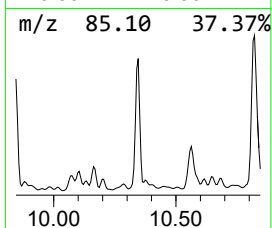
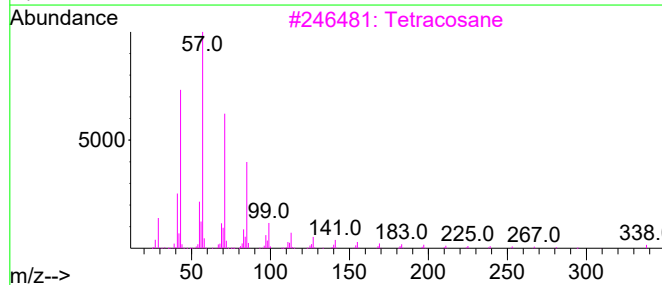
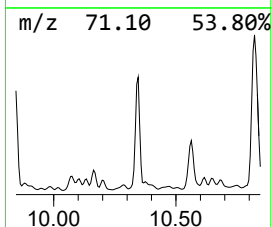
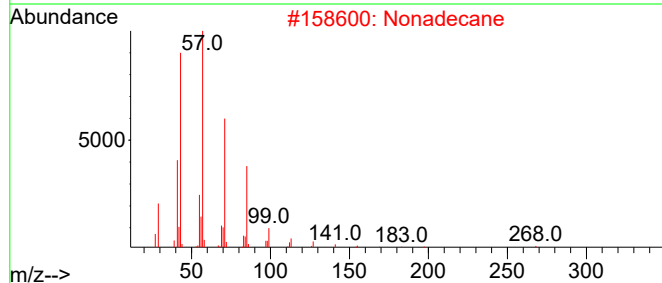
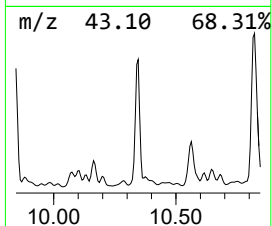
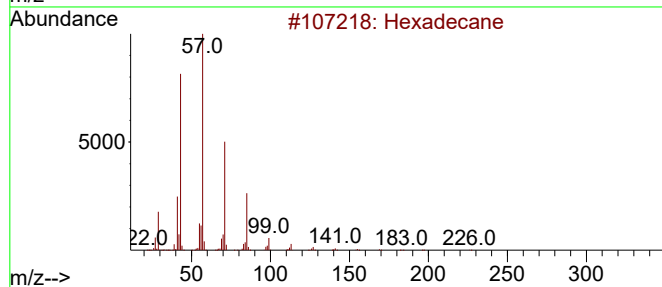
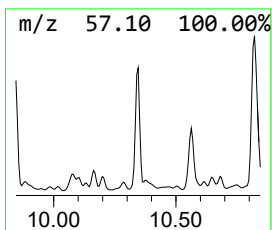
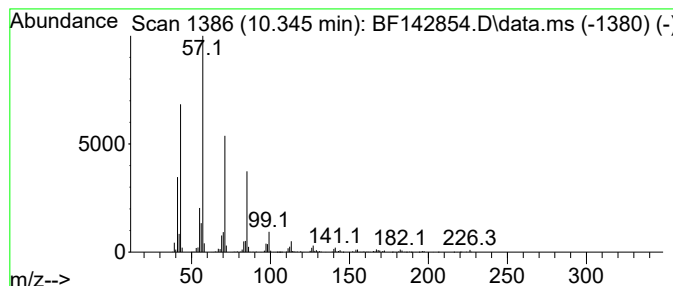
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ClientSampleId :
TR-05-062425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.345	34.37 ng	856825	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	97
2	Nonadecane		268	C19H40	000629-92-5	91
3	Tetracosane		338	C24H50	000646-31-1	90
4	Tridecane		184	C13H28	000629-50-5	90
5	Heptadecane		240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
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Sample : Q2412-01 2X
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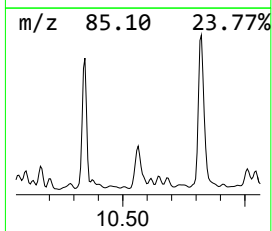
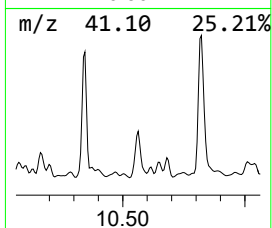
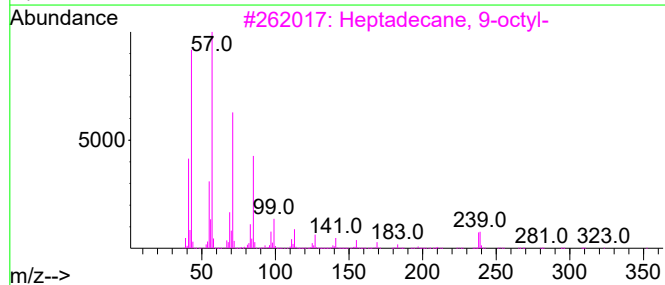
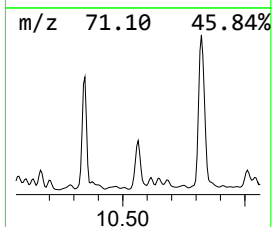
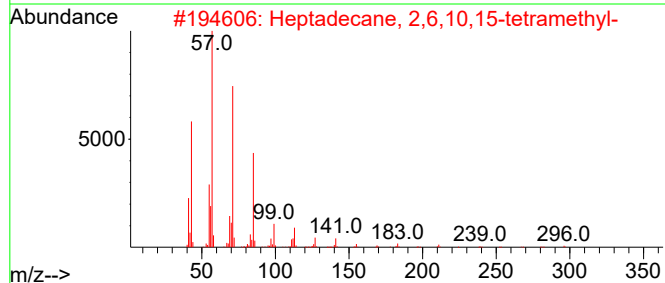
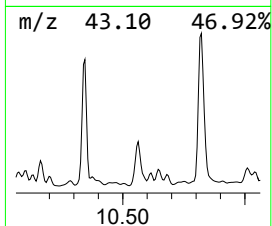
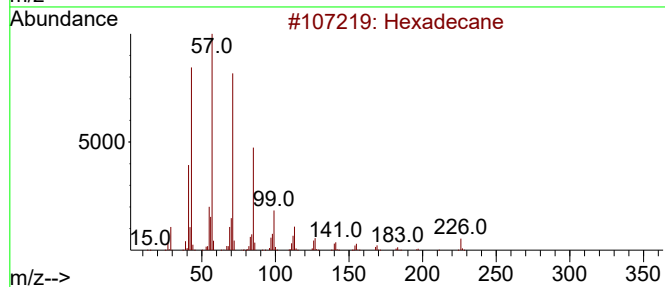
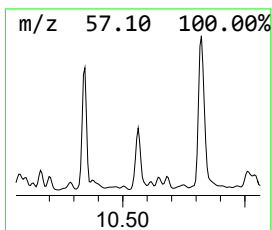
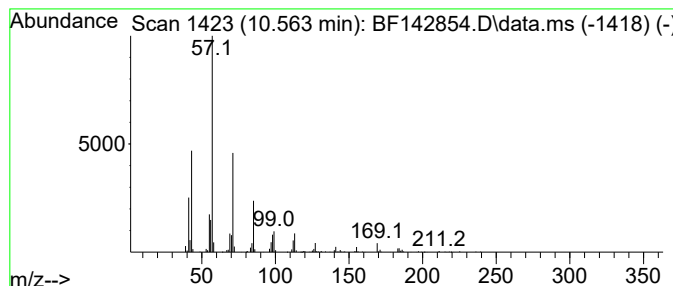
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.563	16.41 ng	409222	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
5	Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
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Sample : Q2412-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

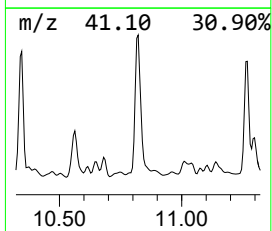
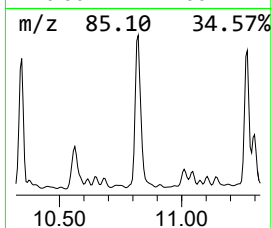
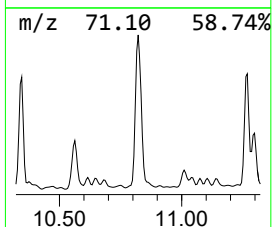
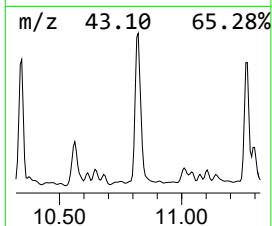
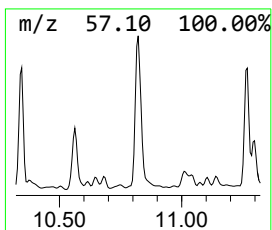
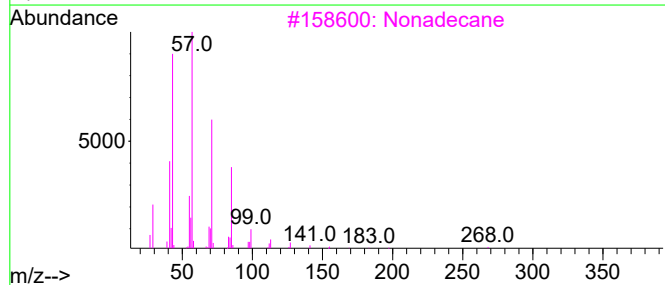
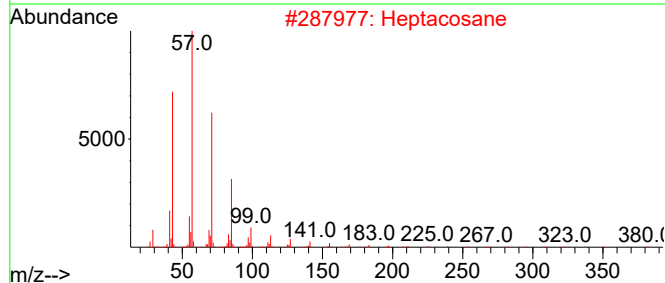
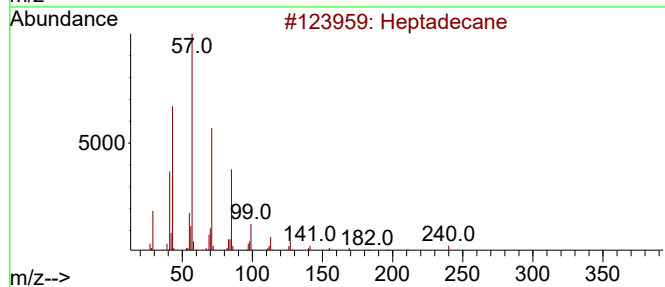
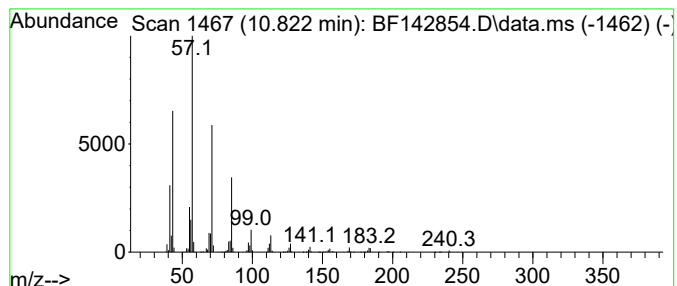
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.822	49.75 ng	1252400	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Heptacosane		380	C27H56	000593-49-7	91
3	Nonadecane		268	C19H40	000629-92-5	90
4	Hexadecane, 7-methyl-		240	C17H36	026730-20-1	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
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ALS Vial : 22 Sample Multiplier: 1

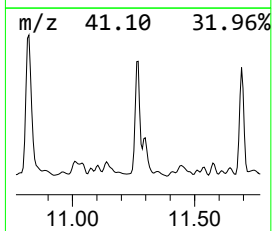
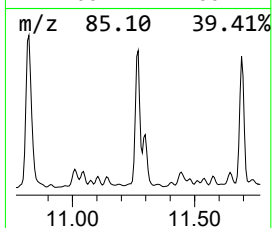
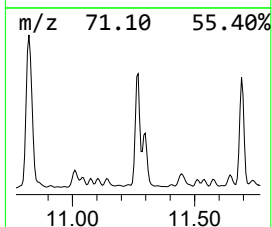
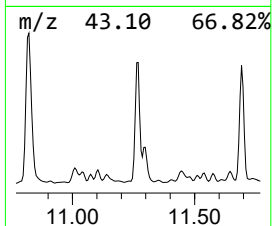
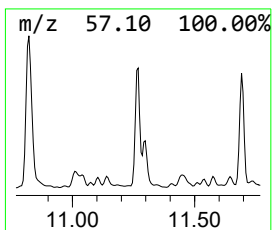
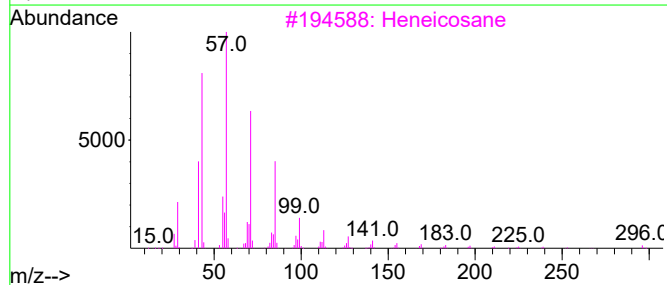
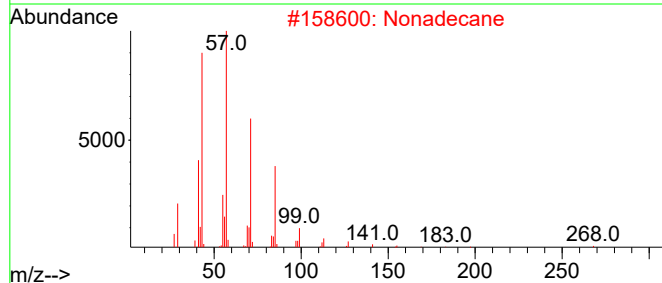
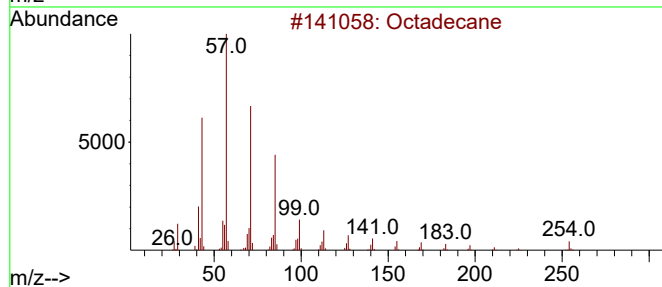
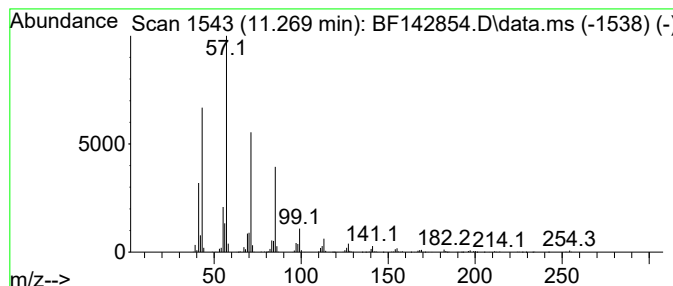
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.269	34.10 ng	858448	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	94
2	Nonadecane		268	C19H40	000629-92-5	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Tetradecane		198	C14H30	000629-59-4	91
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
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Sample : Q2412-01 2X
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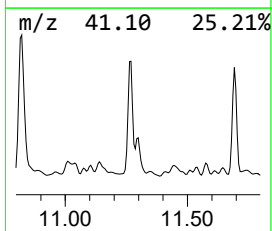
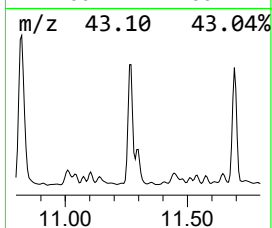
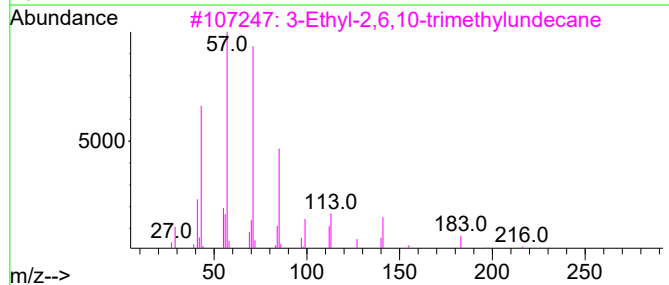
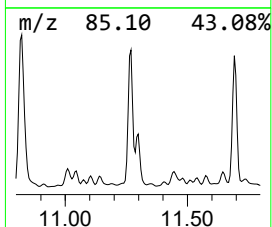
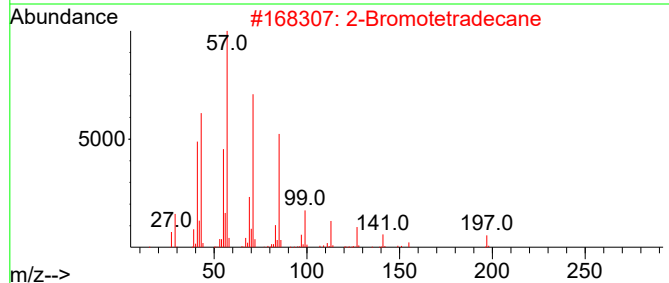
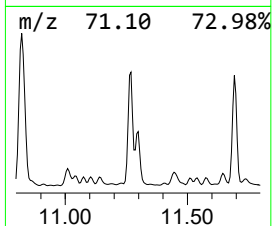
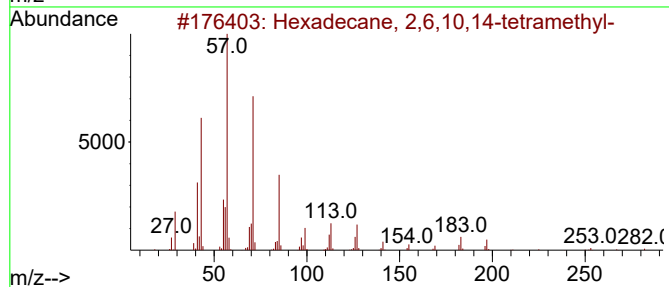
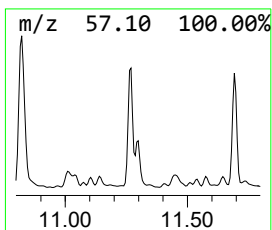
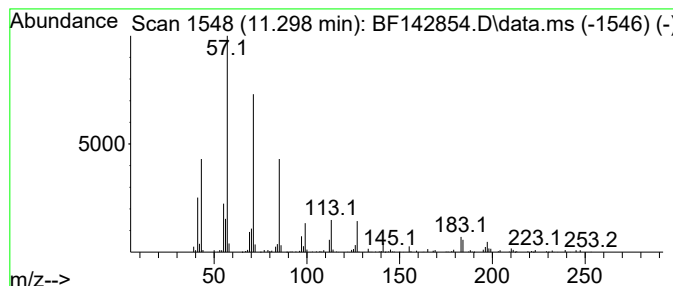
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.298	12.18 ng	306727	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	86
2	2-Bromotetradecane		276	C14H29Br	074036-95-6	86
3	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	80
4	Hexadecane		226	C16H34	000544-76-3	80
5	Tridecane		184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
Operator : RC/JU
Sample : Q2412-01 2X
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-062425

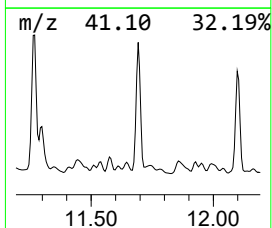
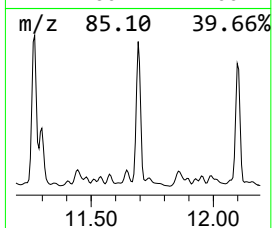
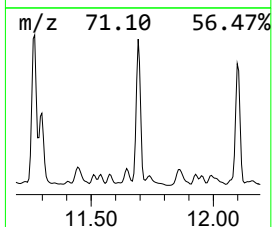
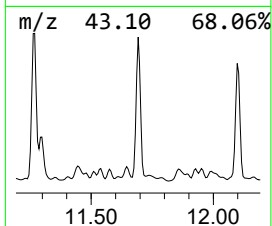
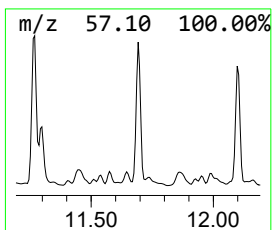
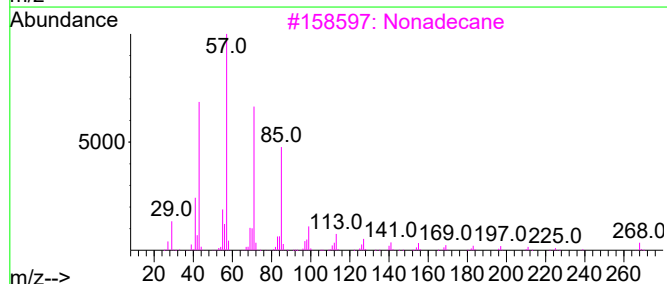
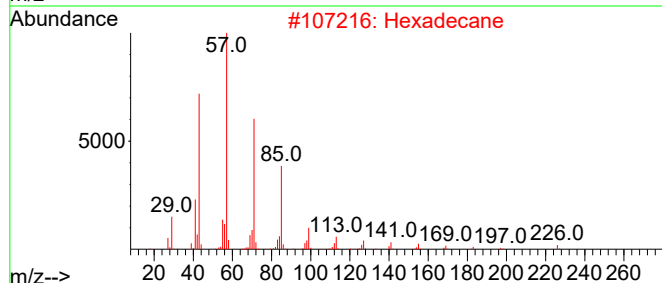
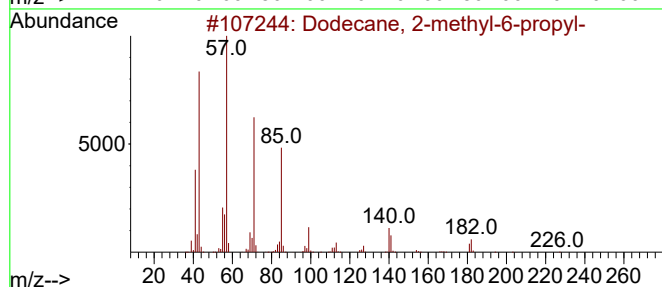
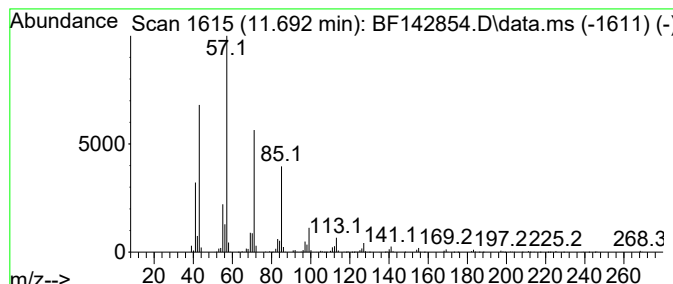
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	27.85 ng	701077	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
Operator : RC/JU
Sample : Q2412-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-062425

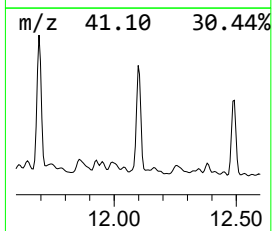
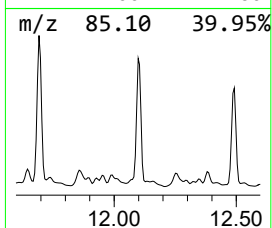
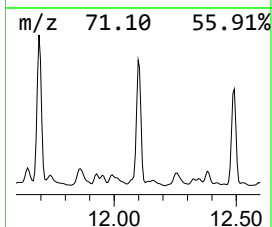
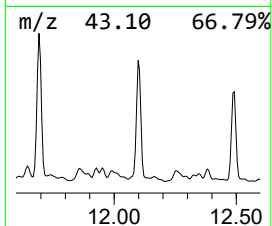
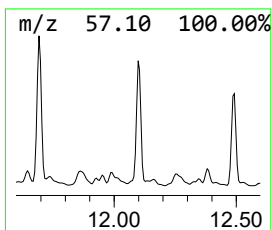
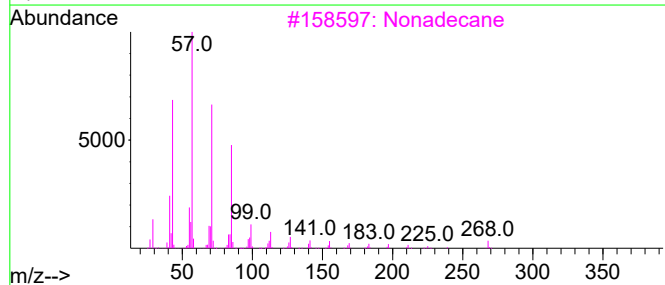
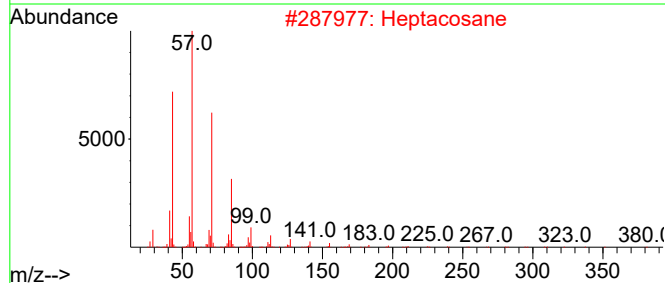
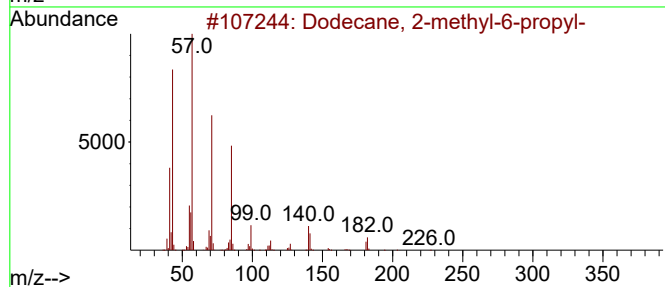
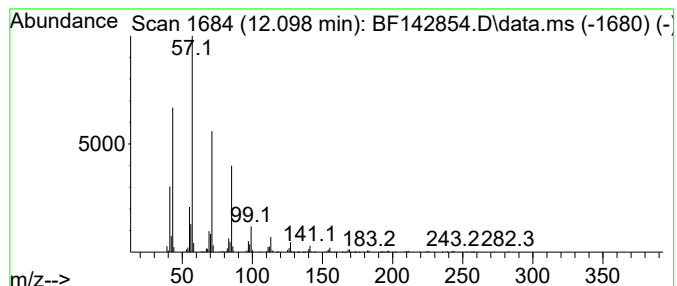
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	23.81 ng	599333	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2		Heptacosane	380	C27H56	000593-49-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
Operator : RC/JU
Sample : Q2412-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-062425

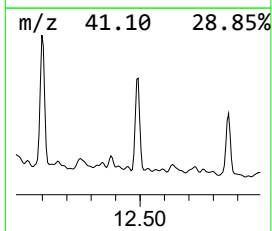
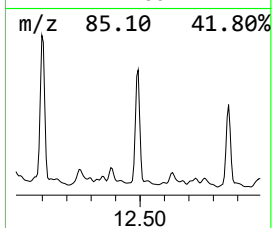
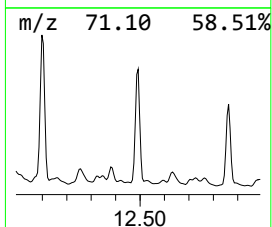
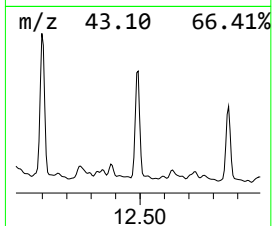
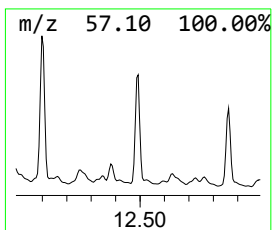
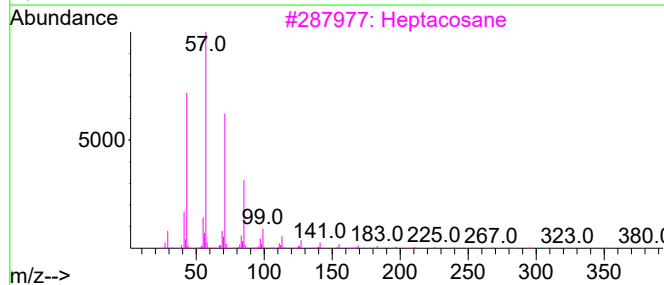
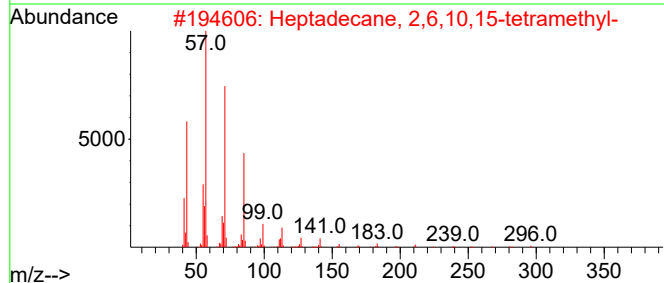
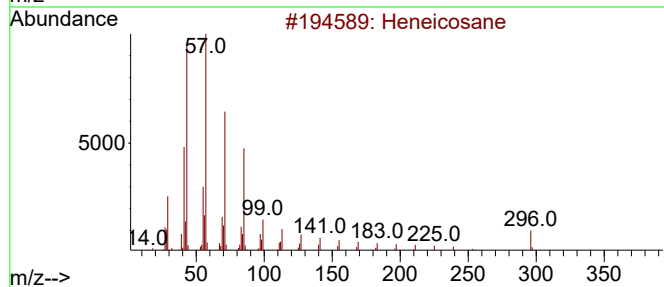
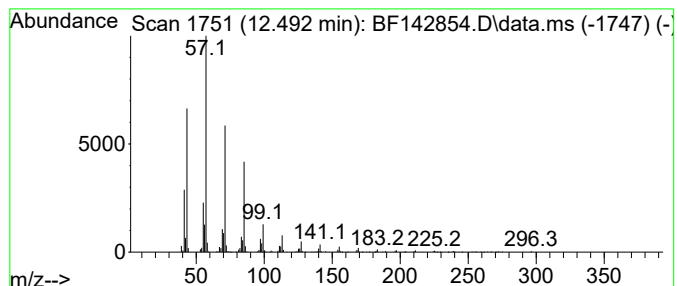
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	19.63 ng	494294	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142854.D
Acq On : 25 Jun 2025 23:41
Operator : RC/JU
Sample : Q2412-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

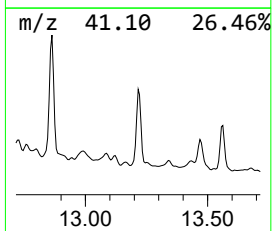
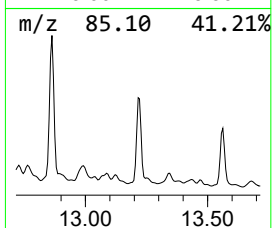
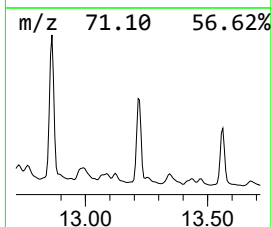
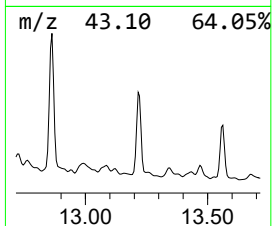
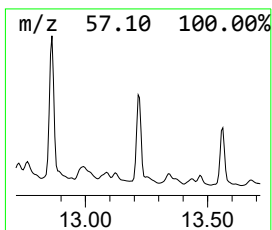
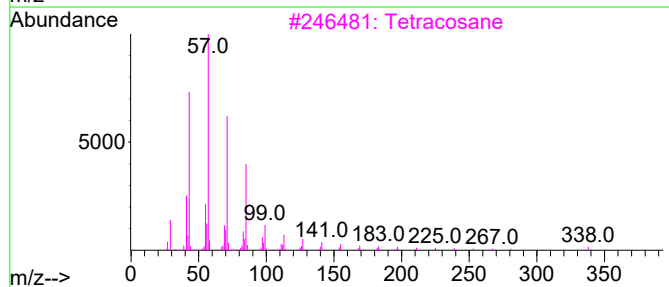
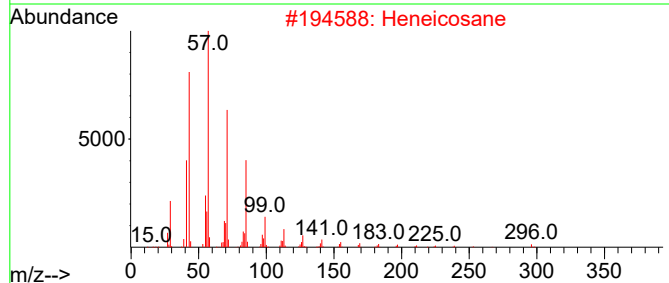
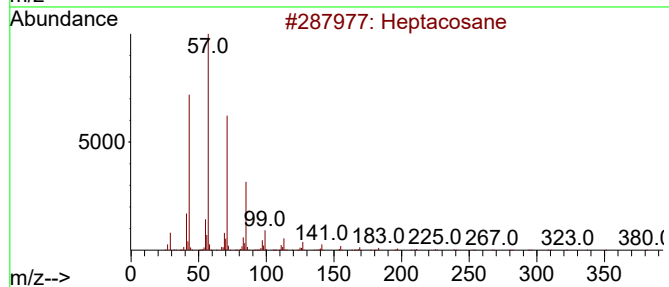
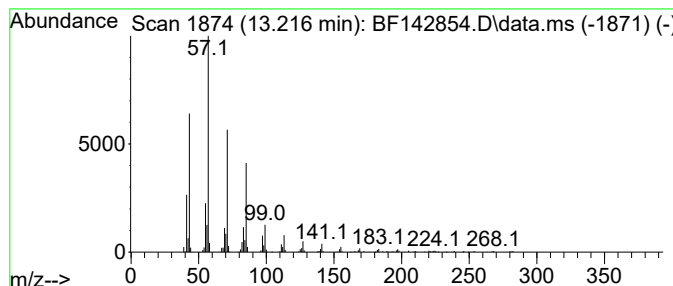
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.216	6.87 ng	218907	Chrysene-d12		14.051	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Eicosane		282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142854.D
 Acq On : 25 Jun 2025 23:41
 Operator : RC/JU
 Sample : Q2412-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-062425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
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unknown9.110	9.110	6.1	ng	151381	3	9.916	498619	20.0
Dodecane, 2,6,1...	9.175	9.2	ng	228608	3	9.916	498619	20.0
Tetradecane	9.316	26.4	ng	657096	3	9.916	498619	20.0
Naphthalene, 2,...	9.569	9.8	ng	242988	3	9.916	498619	20.0
1-Octadecanesul...	9.633	17.5	ng	435303	3	9.916	498619	20.0
unknown9.692	9.692	5.6	ng	140314	3	9.916	498619	20.0
Hexadecane	9.845	28.4	ng	708077	3	9.916	498619	20.0
Undecane, 5,5-d...	10.075	5.7	ng	142958	3	9.916	498619	20.0
Dodecane	10.163	7.2	ng	179305	3	9.916	498619	20.0
Naphthalene, 1,...	10.239	6.4	ng	159237	3	9.916	498619	20.0
Nonadecane	10.345	34.4	ng	856825	3	9.916	498619	20.0
Heptadecane, 2,...	10.563	16.4	ng	409222	3	9.916	498619	20.0
Heptadecane	10.822	49.8	ng	1252400	4	11.404	503527	20.0
Octadecane	11.269	34.1	ng	858448	4	11.404	503527	20.0
Hexadecane, 2,6...	11.298	12.2	ng	306727	4	11.404	503527	20.0
Dodecane, 2-met...	11.692	27.9	ng	701077	4	11.404	503527	20.0
Heptacosane	12.098	23.8	ng	599333	4	11.404	503527	20.0
Heneicosane	12.492	19.6	ng	494294	4	11.404	503527	20.0
Tetracosane	13.216	6.9	ng	218907	5	14.051	637236	20.0