

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142496.D
 Acq On : 21 May 2025 19:34
 Operator : RC/JU
 Sample : Q2075-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-910

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: BF142496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	478	496	507	rBV	122752	186705	11.66%	0.970%
2	5.510	554	564	569	rBV	1203904	1600992	100.00%	8.319%
3	5.810	611	615	620	rBV	13697	16969	1.06%	0.088%
4	6.151	668	673	679	rBV4	9026	16192	1.01%	0.084%
5	6.428	716	720	723	rBV	37491	44167	2.76%	0.230%
6	6.516	728	735	743	rVV	1162283	1582842	98.87%	8.225%
7	6.587	743	747	751	rVB	15076	19616	1.23%	0.102%
8	6.728	766	771	779	rVB2	91888	132757	8.29%	0.690%
9	6.898	795	800	806	rVV	449193	552212	34.49%	2.870%
10	6.957	806	810	815	rVB	31675	38835	2.43%	0.202%
11	7.081	828	831	836	rVB	16814	19362	1.21%	0.101%
12	7.175	836	847	850	rBV2	36107	64649	4.04%	0.336%
13	7.216	850	854	861	rVB3	37857	69235	4.32%	0.360%
14	7.287	861	866	871	rBV3	28311	47102	2.94%	0.245%
15	7.363	875	879	881	rBV	15314	19319	1.21%	0.100%
16	7.457	886	895	899	rBV	725591	985656	61.57%	5.122%
17	7.492	899	901	905	rVB	80526	83543	5.22%	0.434%
18	7.545	905	910	913	rBV4	21906	32253	2.01%	0.168%
19	7.587	913	917	924	rBV6	12683	31010	1.94%	0.161%
20	7.669	927	931	933	rBV2	12306	17785	1.11%	0.092%
21	7.704	933	937	946	rVB3	46254	90200	5.63%	0.469%
22	7.798	946	953	955	rBV3	23905	47053	2.94%	0.245%
23	7.857	960	963	967	rVV2	35360	52491	3.28%	0.273%
24	7.922	967	974	980	rVV3	60148	136505	8.53%	0.709%
25	7.975	980	983	985	rVV	19423	25111	1.57%	0.130%
26	8.022	988	991	994	rVB	29775	33275	2.08%	0.173%
27	8.181	1005	1018	1024	rBV	527637	902367	56.36%	4.689%
28	8.234	1024	1027	1031	rVB2	47520	64504	4.03%	0.335%
29	8.269	1031	1033	1040	rVB4	21217	33663	2.10%	0.175%
30	8.339	1040	1045	1046	rBV3	12161	16779	1.05%	0.087%
31	8.381	1048	1052	1057	rVB3	25761	39115	2.44%	0.203%
32	8.475	1062	1068	1073	rBV5	44983	74860	4.68%	0.389%
33	8.528	1073	1077	1079	rBV2	17453	20785	1.30%	0.108%
34	8.557	1079	1082	1086	rVV3	32052	40932	2.56%	0.213%
35	8.598	1086	1089	1095	rVB	39277	46372	2.90%	0.241%
36	8.686	1100	1104	1108	rBV	55827	71840	4.49%	0.373%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142496.D
 Acq On : 21 May 2025 19:34
 Operator : RC/JU
 Sample : Q2075-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-910

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

37	8.769	1114	1118	1122	rBV	139392	170278	10.64%	0.885%
38	8.839	1127	1130	1133	rVV	24605	38984	2.43%	0.203%
39	8.892	1137	1139	1143	rVB	22600	23976	1.50%	0.125%
40	9.004	1153	1158	1163	rBV4	36506	57106	3.57%	0.297%
41	9.057	1164	1167	1171	rBV5	12080	18907	1.18%	0.098%
42	9.133	1176	1180	1184	rVB3	34898	51777	3.23%	0.269%
43	9.175	1184	1187	1189	rBV	20344	25916	1.62%	0.135%
44	9.198	1189	1191	1196	rVB2	28177	30409	1.90%	0.158%
45	9.257	1196	1201	1206	rVB	970903	1195932	74.70%	6.215%
46	9.333	1210	1214	1218	rBV	132067	168793	10.54%	0.877%
47	9.404	1224	1226	1230	rVB	25526	30737	1.92%	0.160%
48	9.592	1251	1258	1260	rBV3	36551	72145	4.51%	0.375%
49	9.651	1264	1268	1271	rBV4	45359	66411	4.15%	0.345%
50	9.716	1276	1279	1282	rVB2	24861	30973	1.93%	0.161%
51	9.798	1289	1293	1297	rBV	35746	49297	3.08%	0.256%
52	9.863	1299	1304	1308	rVV	112691	143735	8.98%	0.747%
53	9.939	1309	1317	1321	rBV	411123	546007	34.10%	2.837%
54	10.098	1340	1344	1346	rBV3	18791	26713	1.67%	0.139%
55	10.186	1355	1359	1363	rBV4	22367	30738	1.92%	0.160%
56	10.257	1368	1371	1373	rBV3	13374	18448	1.15%	0.096%
57	10.363	1383	1389	1393	rBV	105103	139421	8.71%	0.724%
58	10.486	1405	1410	1419	rBV	30257	51541	3.22%	0.268%
59	10.586	1422	1427	1433	rBV	39647	64218	4.01%	0.334%
60	10.651	1433	1438	1444	rVB	237390	310885	19.42%	1.615%
61	10.722	1445	1450	1456	rBV	567338	737878	46.09%	3.834%
62	10.839	1466	1470	1479	rVB	104983	176681	11.04%	0.918%
63	10.957	1487	1490	1498	rVB	41401	52879	3.30%	0.275%
64	11.033	1499	1503	1505	rBV3	14151	20588	1.29%	0.107%
65	11.227	1533	1536	1540	rVB	14712	17795	1.11%	0.092%
66	11.286	1542	1546	1549	rVV	71549	98631	6.16%	0.513%
67	11.316	1549	1551	1557	rVB	41786	57128	3.57%	0.297%
68	11.427	1565	1570	1572	rBV	341453	491955	30.73%	2.556%
69	11.498	1579	1582	1586	rVB	31589	36833	2.30%	0.191%
70	11.657	1604	1609	1615	rVB3	20614	39414	2.46%	0.205%
71	11.716	1615	1619	1623	rBV	57041	66729	4.17%	0.347%
72	11.951	1651	1659	1666	rBV2	192768	319203	19.94%	1.659%
73	12.039	1670	1674	1682	rVB3	69481	121091	7.56%	0.629%
74	12.122	1684	1688	1692	rBV	46375	60467	3.78%	0.314%
75	12.222	1702	1705	1707	rBV	14464	17877	1.12%	0.093%
76	12.516	1751	1755	1760	rVB2	45779	69588	4.35%	0.362%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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

77	12.563	1761	1763	1769	rVB2	16421	21117	1.32%	0.110%
78	12.645	1772	1777	1781	rBV	446654	567490	35.45%	2.949%
79	12.680	1781	1783	1788	rVB3	30956	37885	2.37%	0.197%
80	12.733	1788	1792	1798	rBV	56510	91425	5.71%	0.475%
81	12.869	1808	1815	1821	rBV	377492	572478	35.76%	2.975%
82	13.010	1832	1839	1846	rBV	1059294	1392813	87.00%	7.238%
83	13.198	1868	1871	1874	rVB	46854	57380	3.58%	0.298%
84	13.704	1954	1957	1963	rVB	33951	44386	2.77%	0.231%
85	13.910	1988	1992	2002	rVB	102578	161476	10.09%	0.839%
86	14.063	2012	2018	2029	rVB3	585973	1203054	75.14%	6.252%
87	15.121	2193	2198	2207	rBV	241650	563663	35.21%	2.929%
88	15.227	2214	2216	2221	rVB	39152	51022	3.19%	0.265%
89	15.433	2246	2251	2256	rVB	129937	208403	13.02%	1.083%
90	15.492	2257	2261	2267	rVV	151258	237992	14.87%	1.237%
91	15.562	2267	2273	2294	rVB2	373315	762086	47.60%	3.960%
92	17.062	2522	2528	2537	rVB2	65907	149479	9.34%	0.777%
93	17.515	2599	2605	2616	rVB	51100	116653	7.29%	0.606%

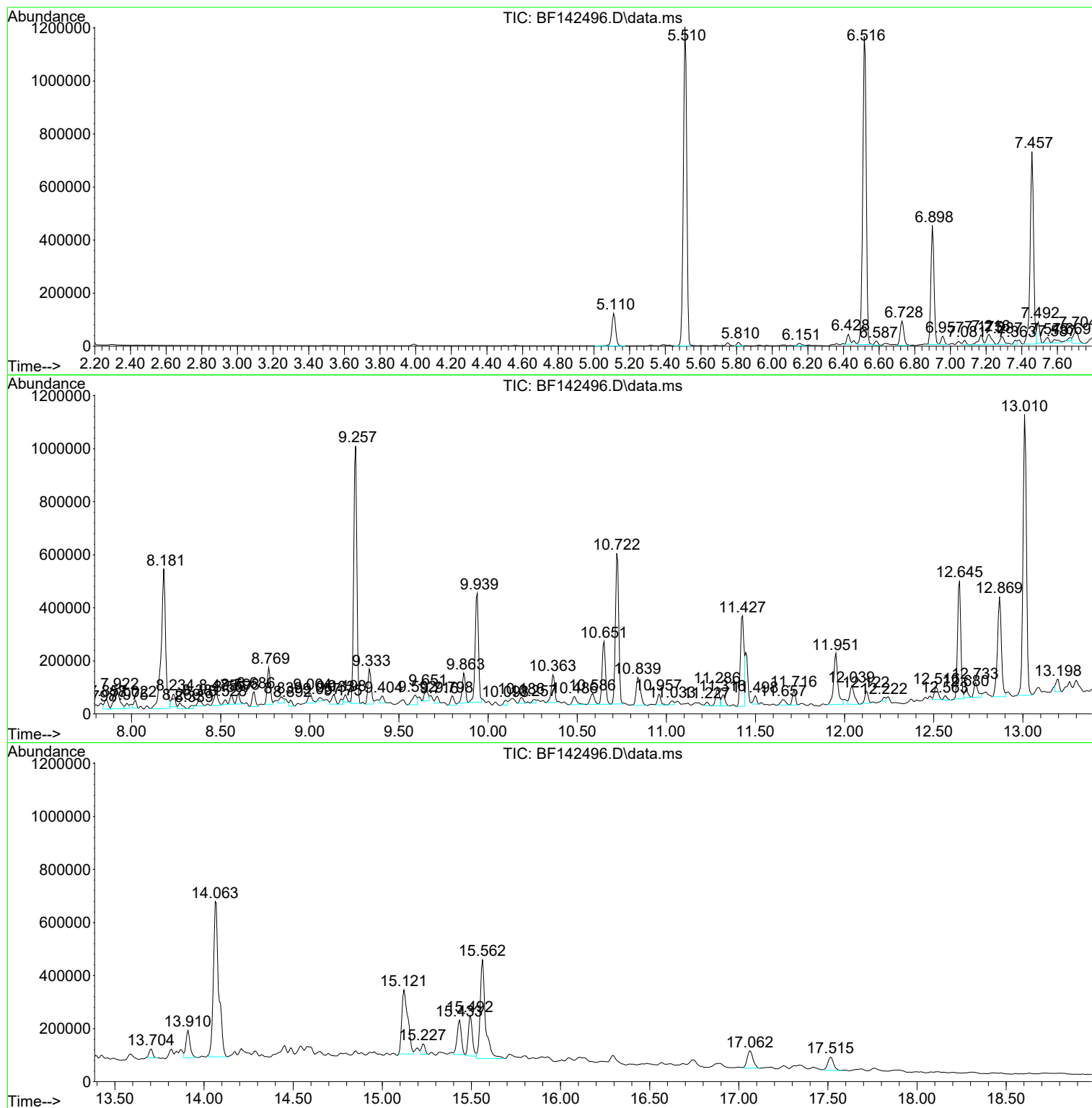
Sum of corrected areas: 19243939

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

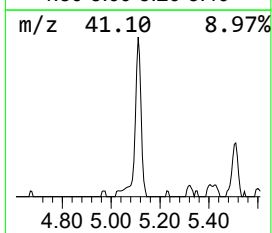
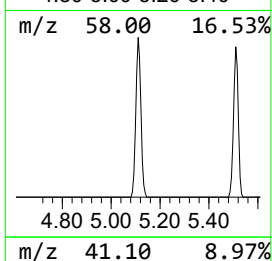
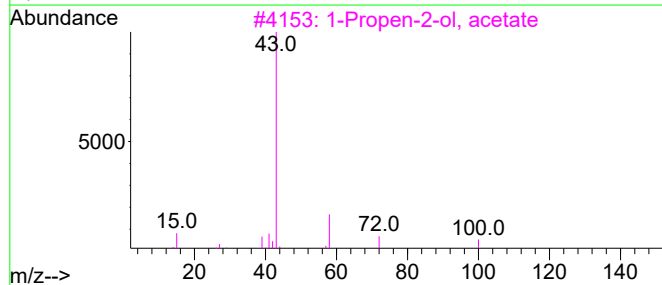
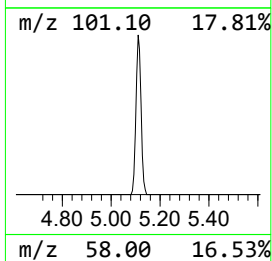
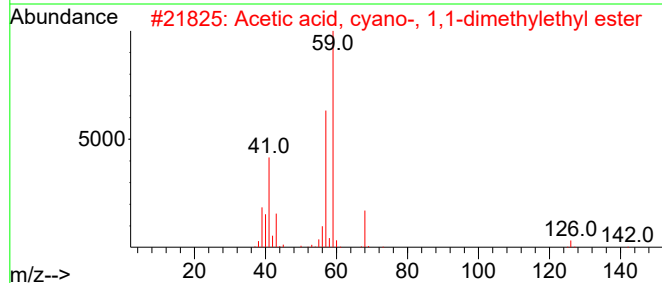
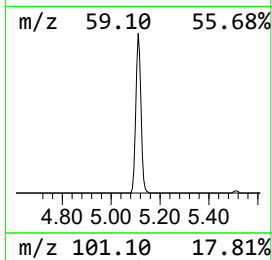
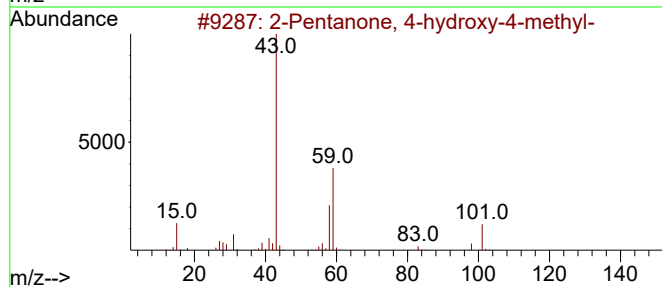
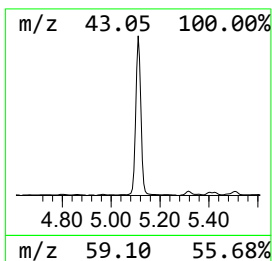
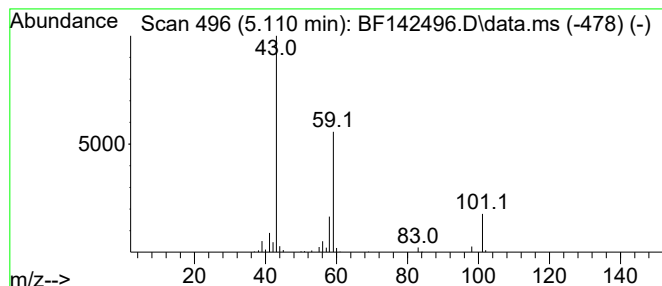
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.76 ng	186705	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

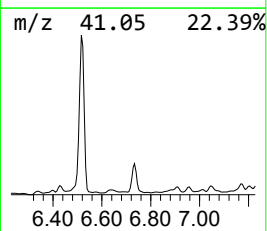
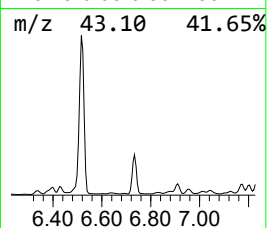
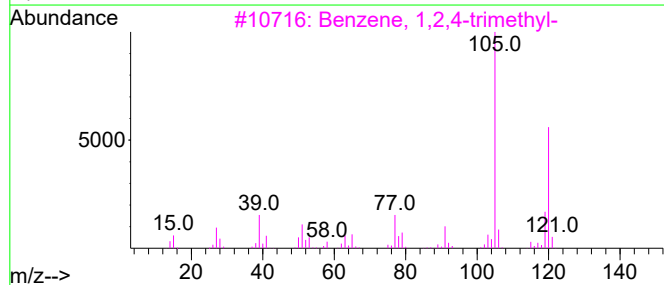
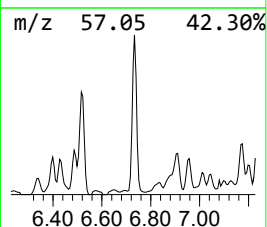
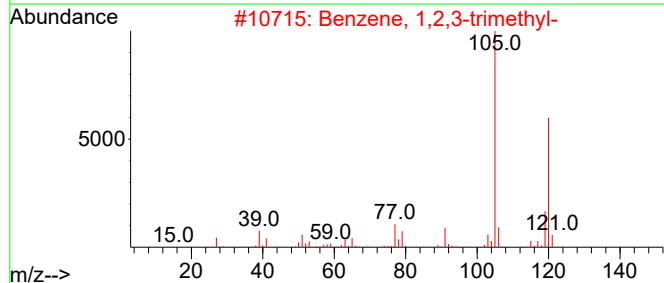
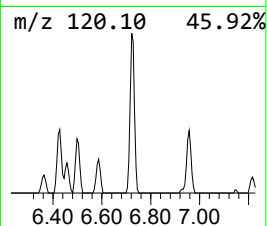
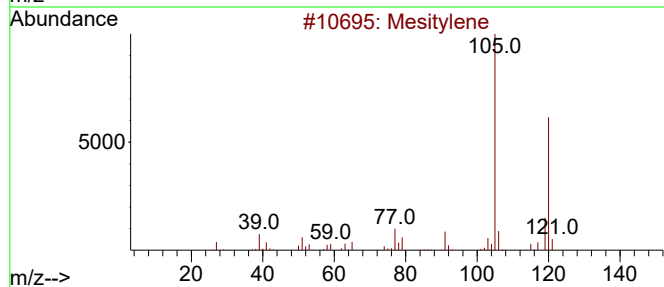
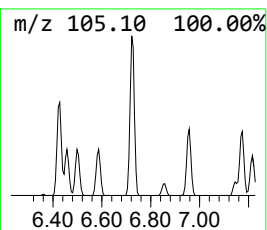
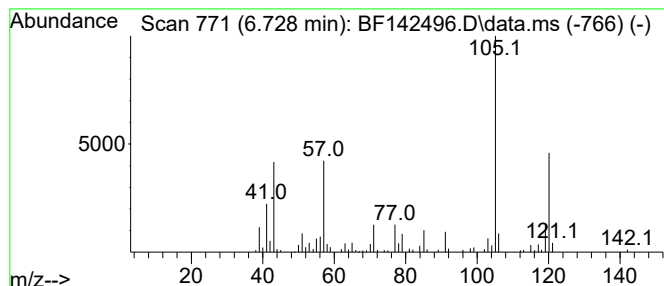
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	4.81 ng	132757	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

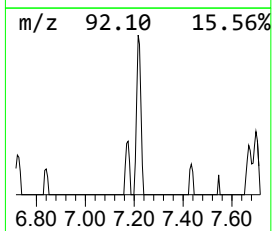
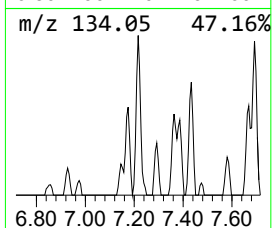
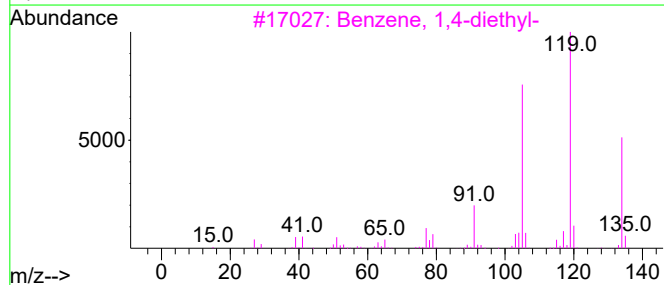
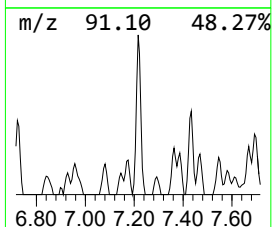
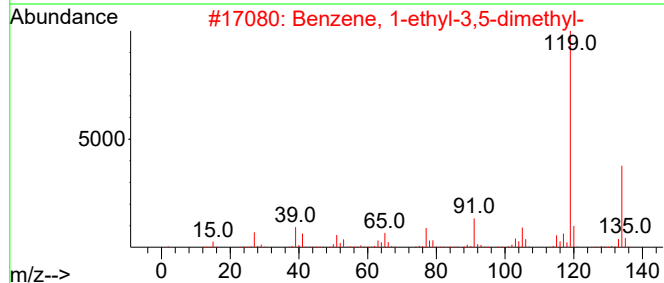
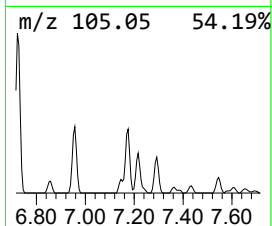
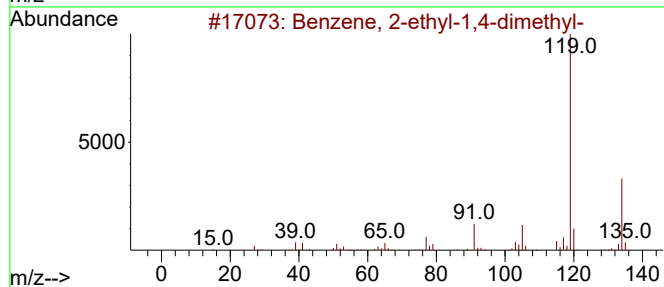
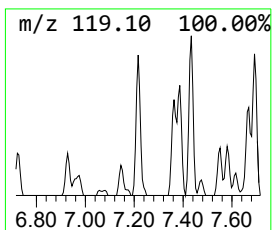
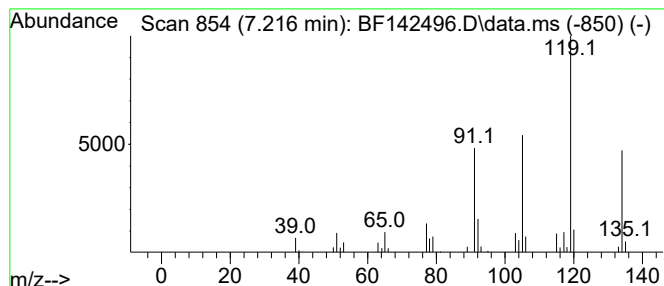
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.216	2.51 ng	69235	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

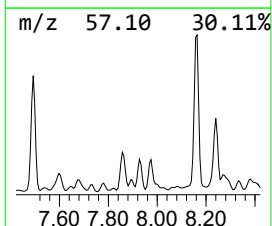
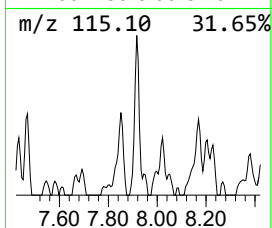
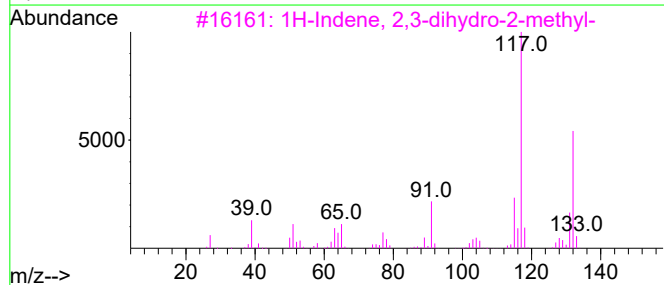
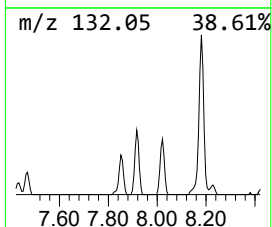
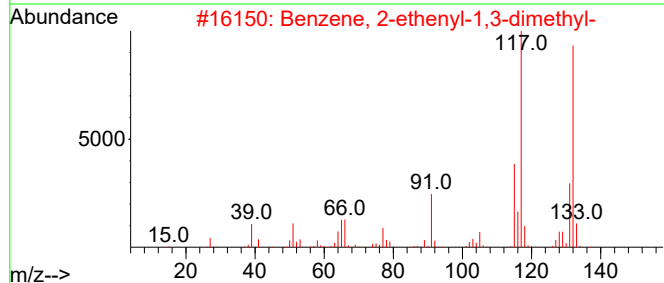
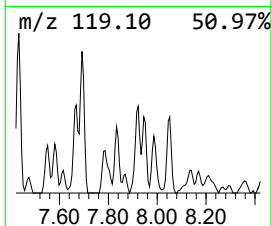
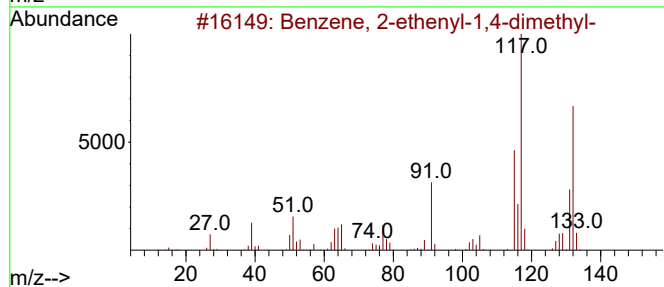
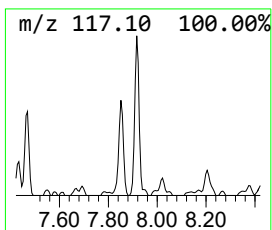
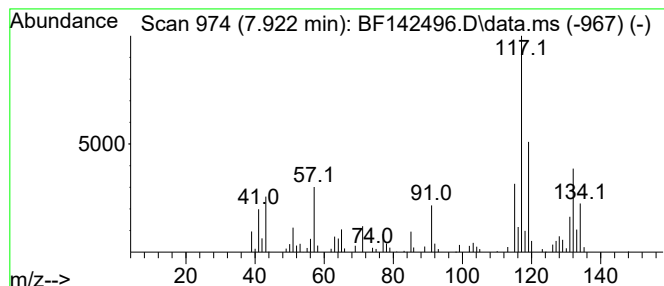
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.922	3.03 ng	136505	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
3			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

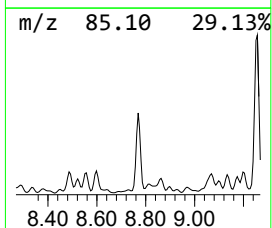
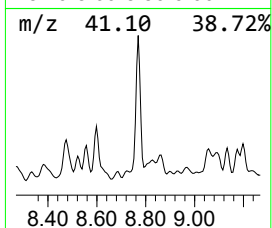
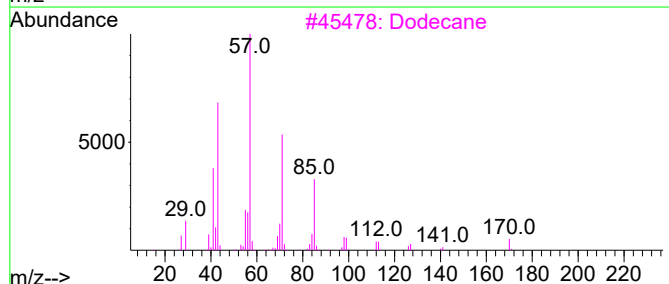
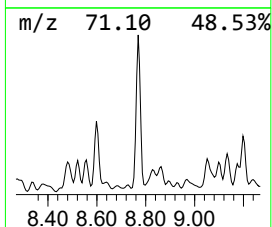
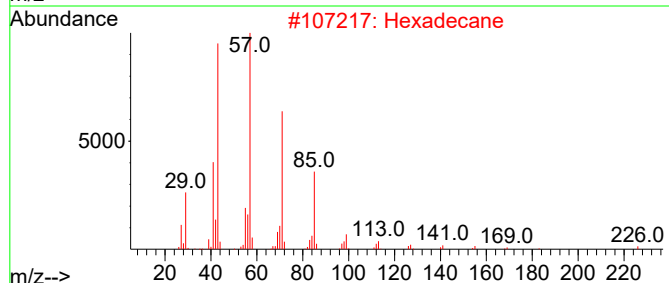
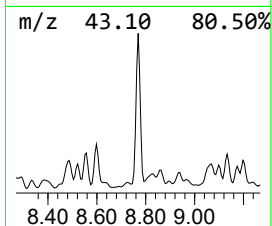
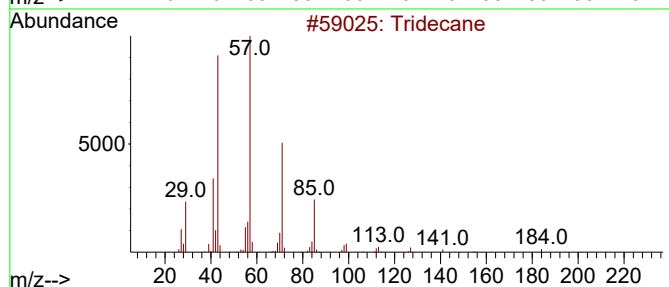
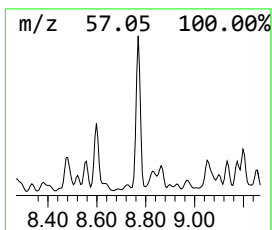
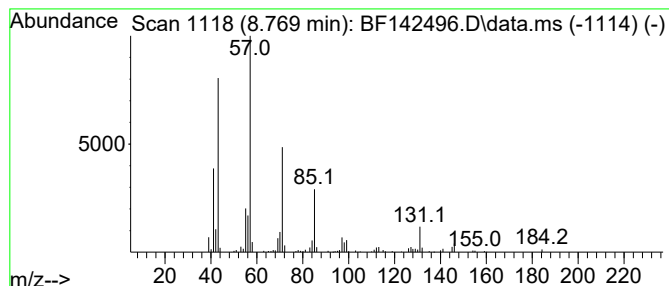
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	3.77 ng	170278	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	72
3			Dodecane	170	C12H26	000112-40-3	72
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

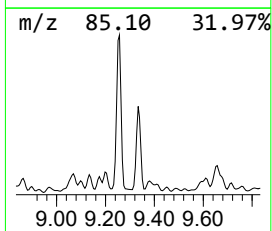
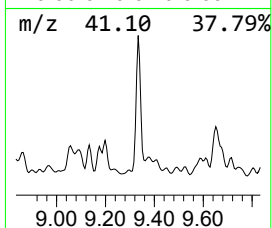
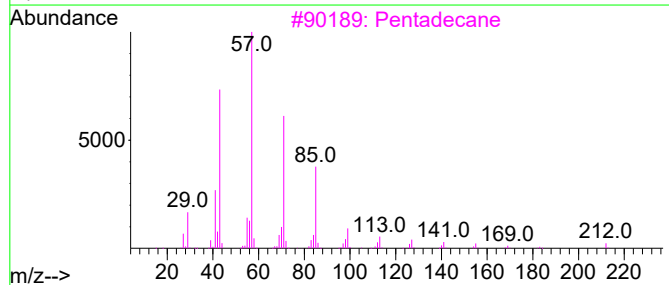
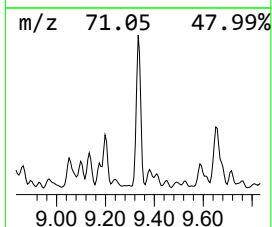
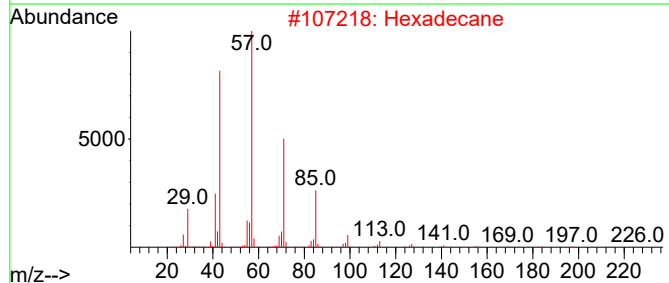
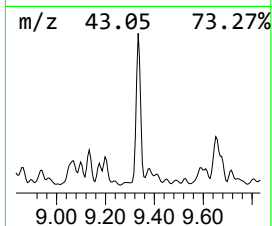
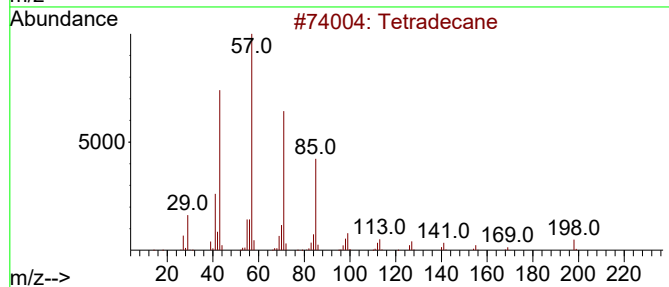
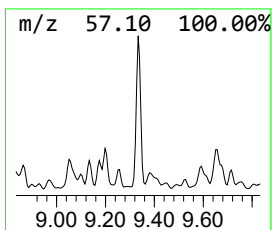
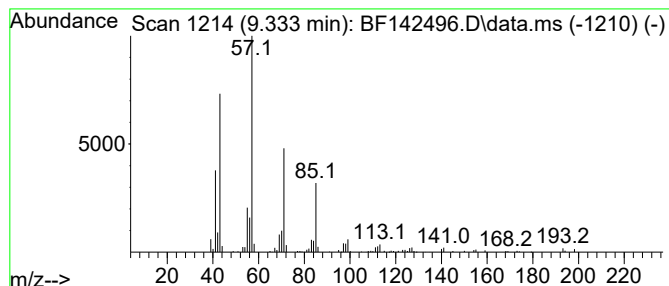
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	6.18 ng	168793	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	90
3			Pentadecane	212	C15H32	000629-62-9	86
4			Nonadecane	268	C19H40	000629-92-5	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

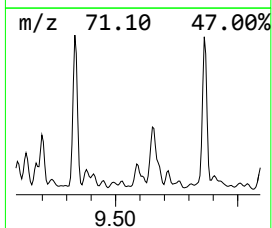
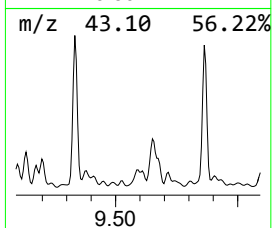
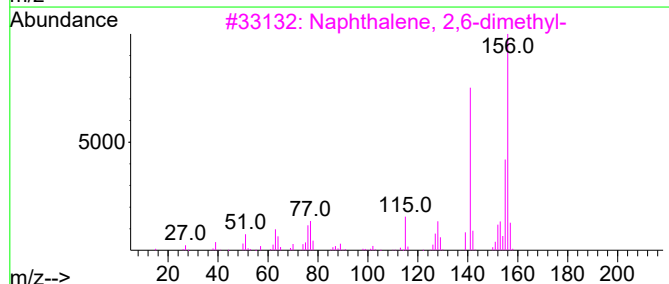
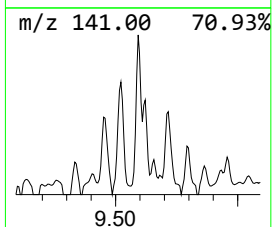
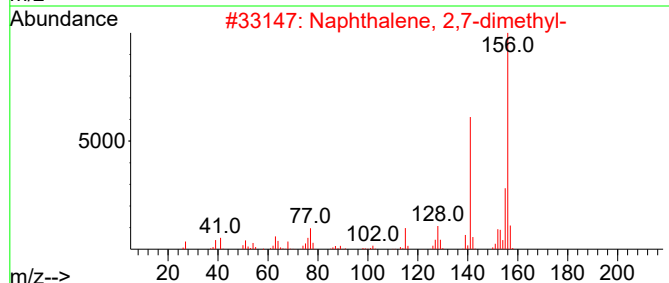
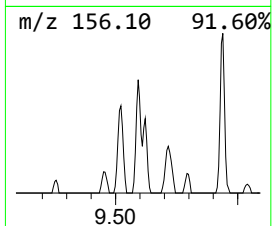
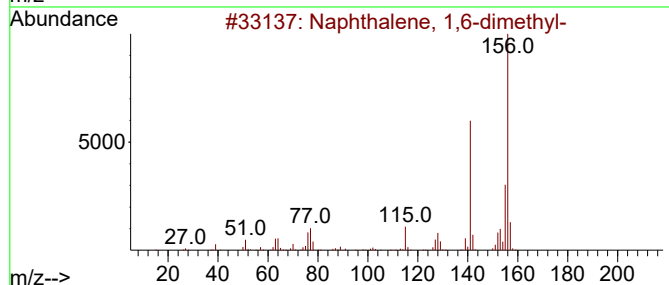
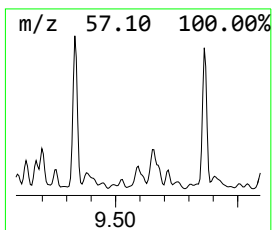
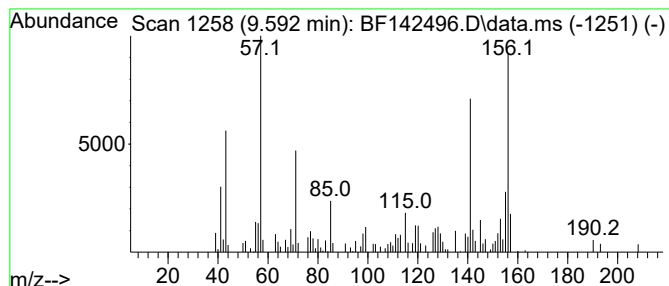
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	2.64 ng	72145	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

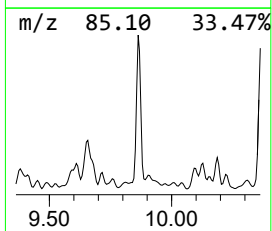
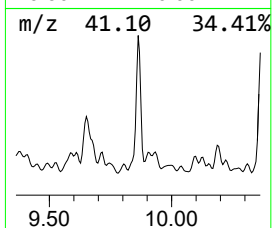
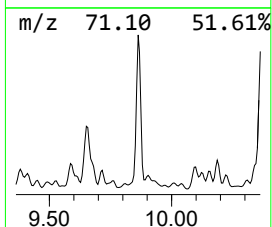
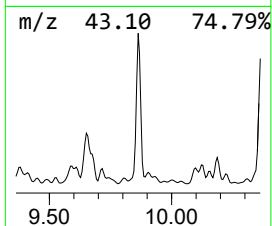
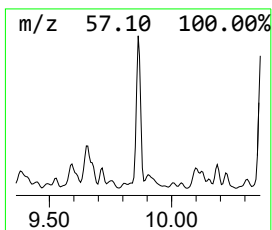
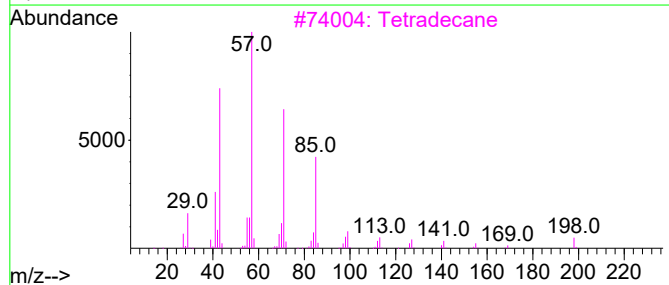
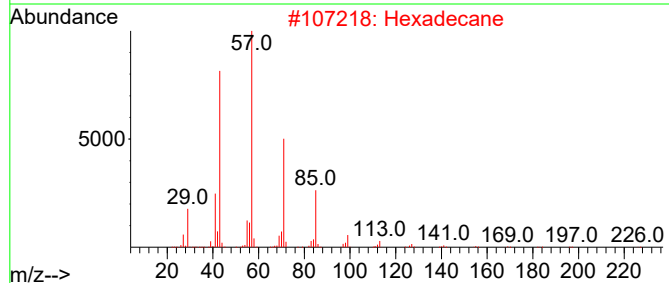
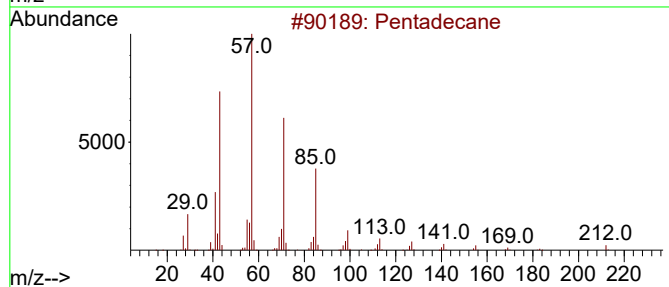
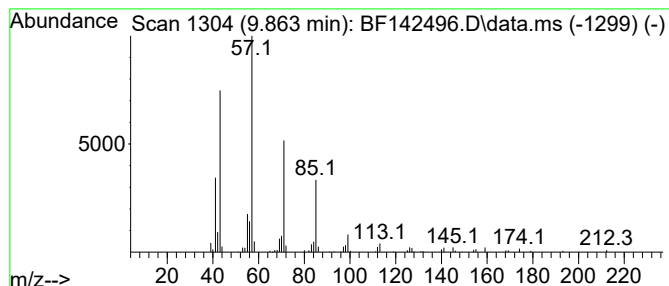
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	5.26 ng	143735	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	86
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5			Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

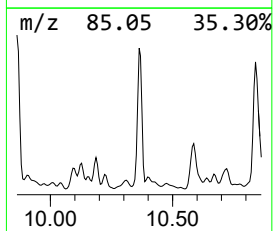
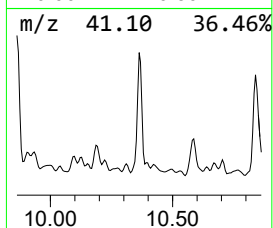
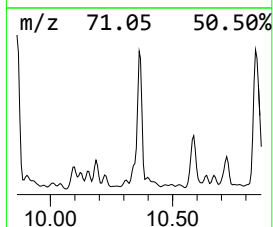
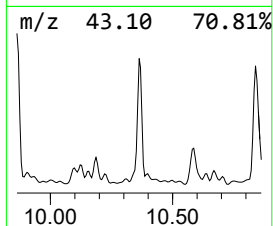
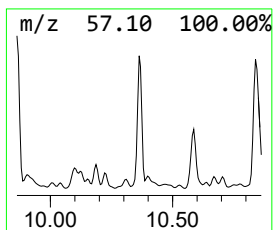
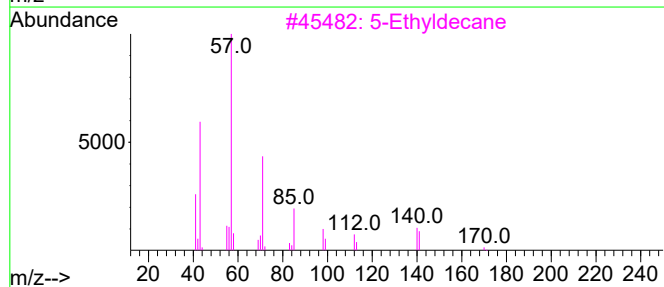
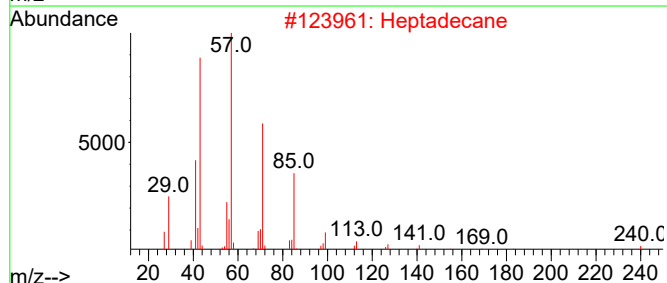
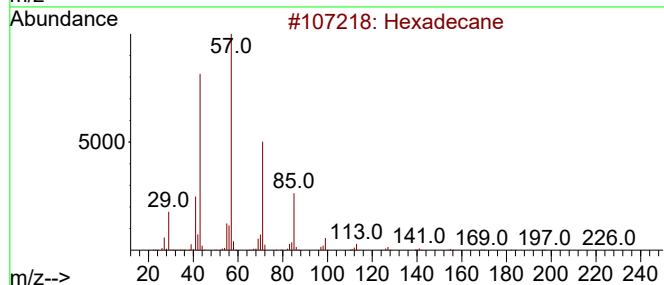
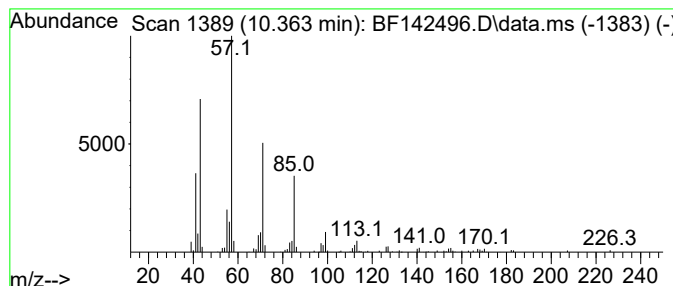
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	5.11 ng	139421	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Heptadecane	240	C17H36	000629-78-7	91
3			5-Ethyldecane	170	C12H26	017302-36-2	91
4			Pentadecane	212	C15H32	000629-62-9	90
5			Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

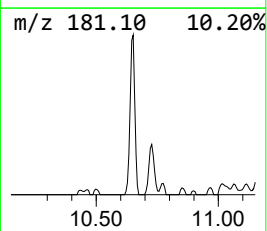
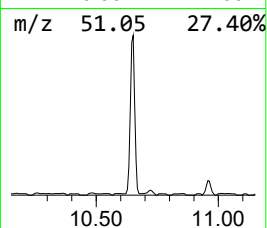
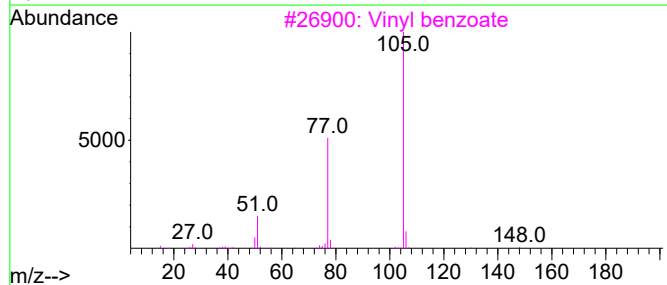
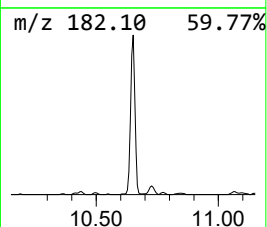
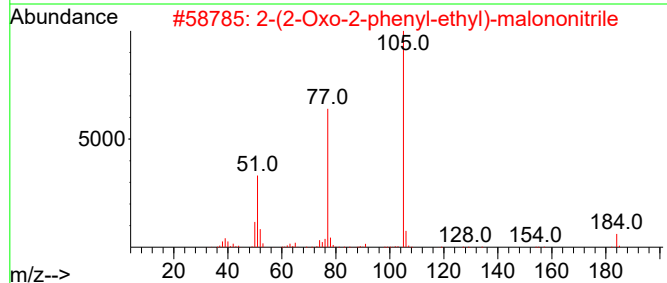
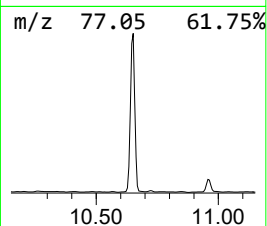
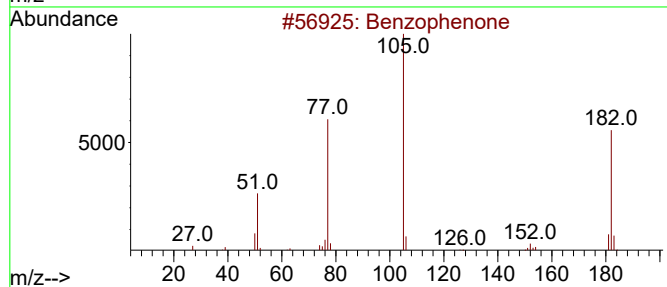
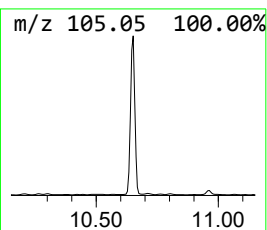
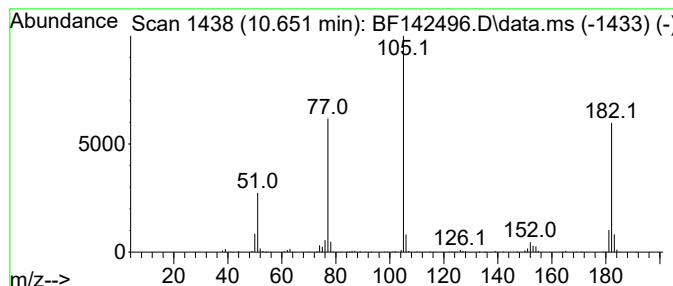
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	11.39 ng	310885	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

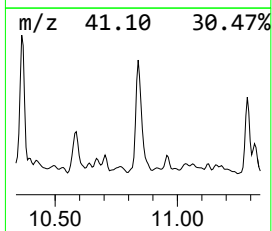
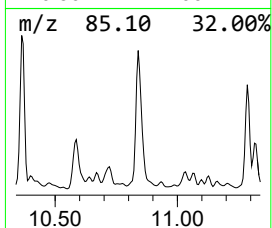
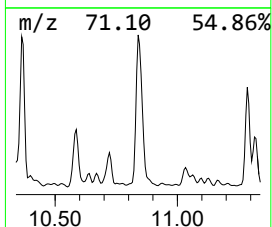
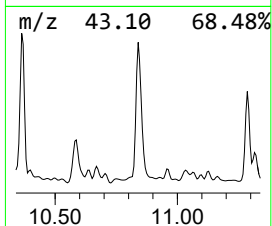
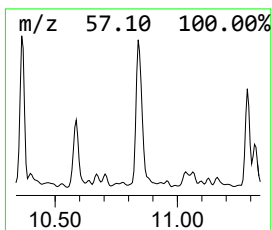
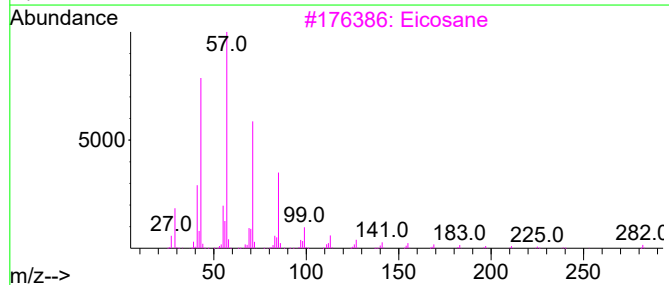
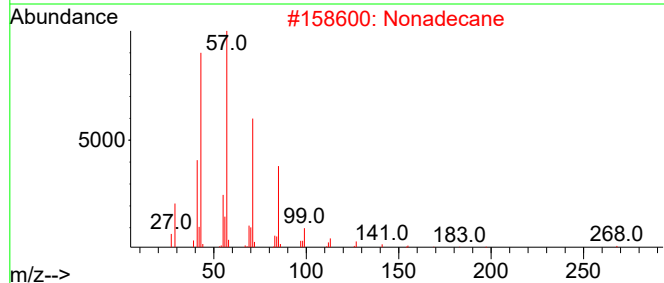
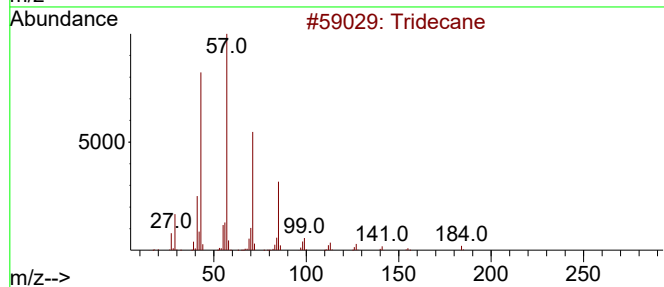
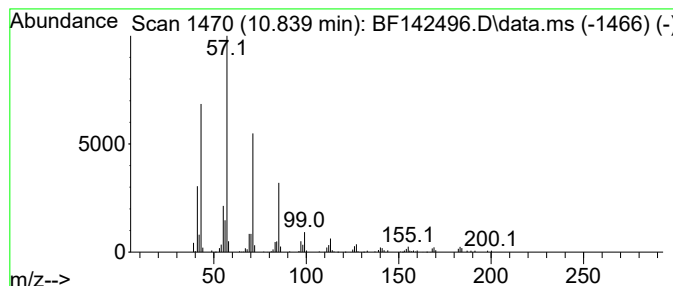
Instrument :
BNA_F
ClientSampleId :
SS-910

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

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

Peak Number 11 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.839	7.18 ng	176681	Phenanthrene-d10		11.427	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	97
2	Nonadecane		268	C19H40	000629-92-5	91
3	Eicosane		282	C20H42	000112-95-8	91
4	Tridecane, 6-methyl-		198	C14H30	013287-21-3	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

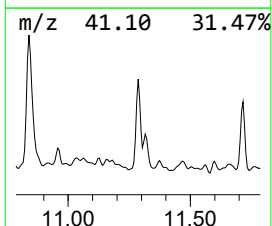
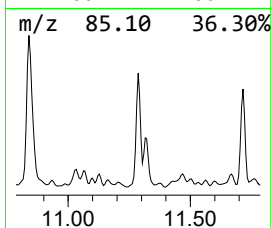
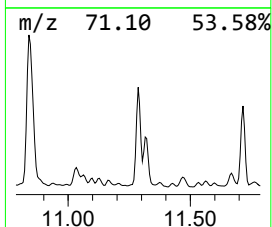
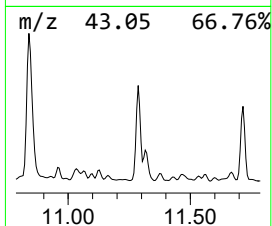
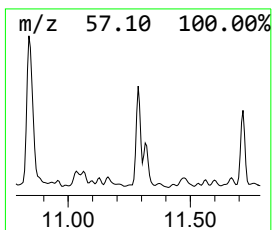
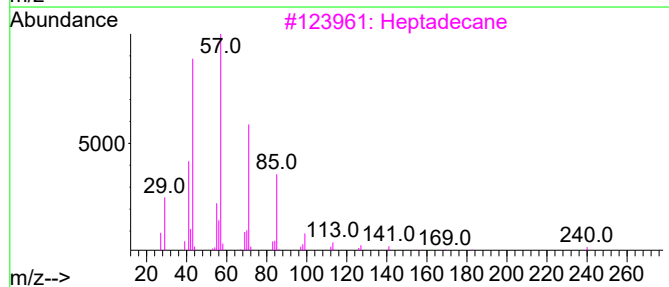
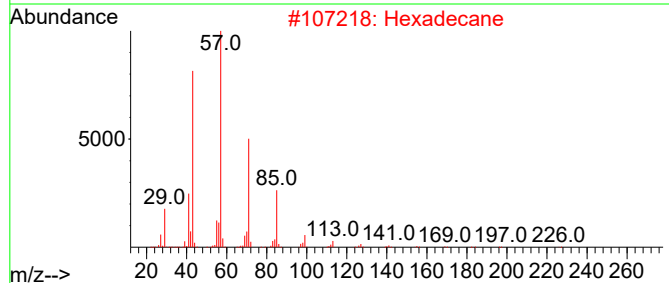
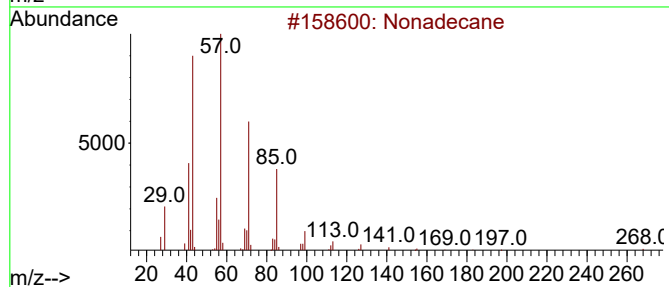
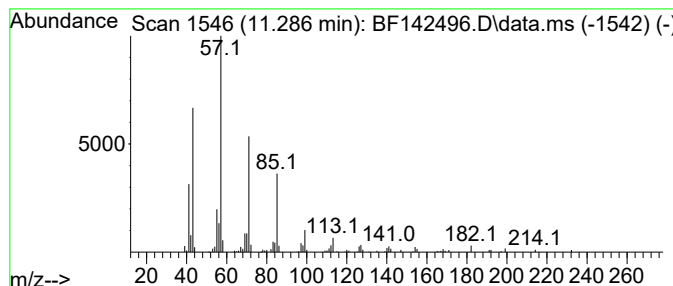
Instrument :
BNA_F
ClientSampleId :
SS-910

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 12 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.286	4.01 ng	98631	Phenanthrene-d10		11.427	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	87
2	Hexadecane		226	C16H34	000544-76-3	86
3	Heptadecane		240	C17H36	000629-78-7	83
4	Heneicosane		296	C21H44	000629-94-7	83
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

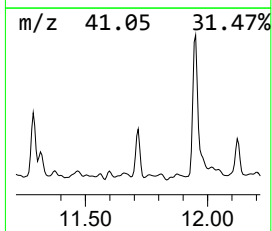
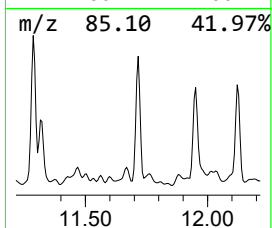
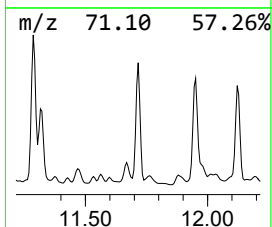
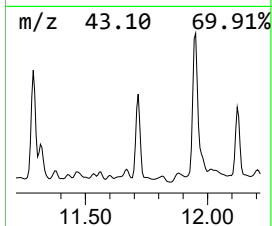
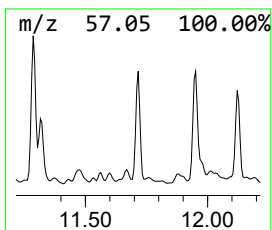
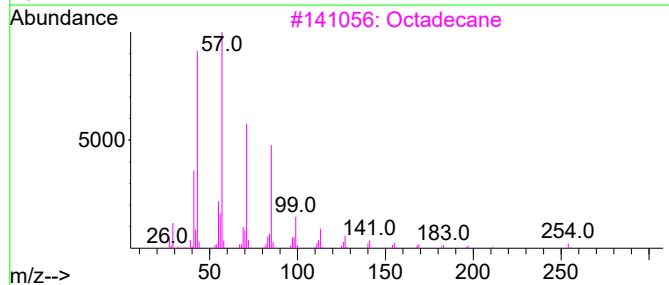
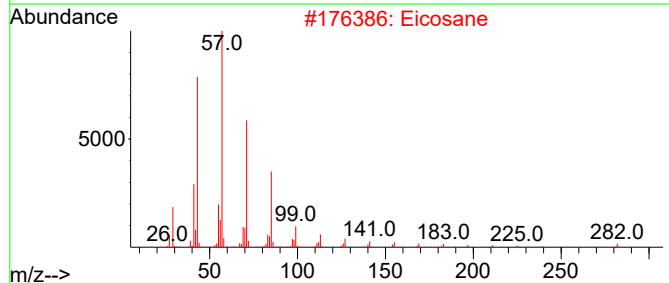
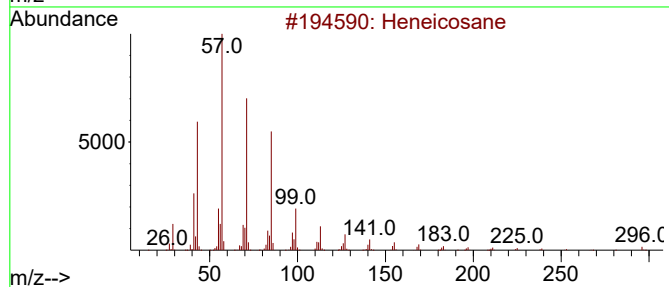
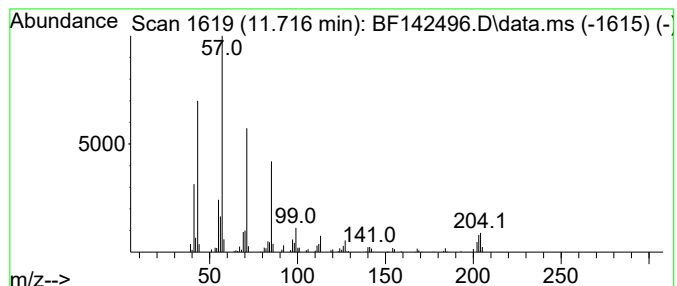
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	2.71 ng	66729	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	80
2			Eicosane	282	C20H42	000112-95-8	80
3			Octadecane	254	C18H38	000593-45-3	80
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

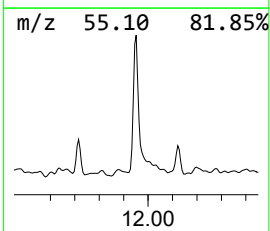
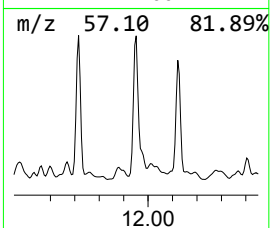
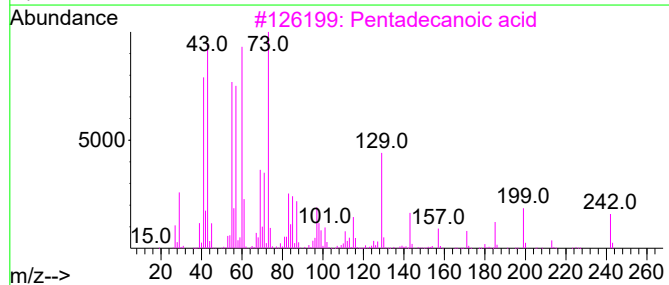
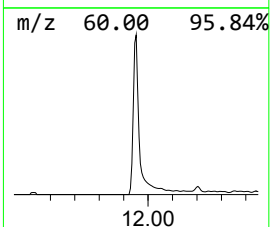
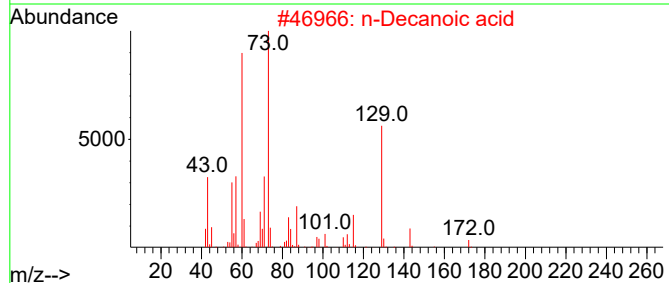
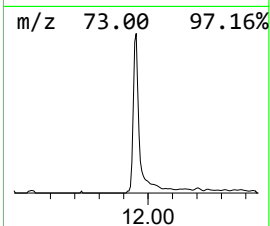
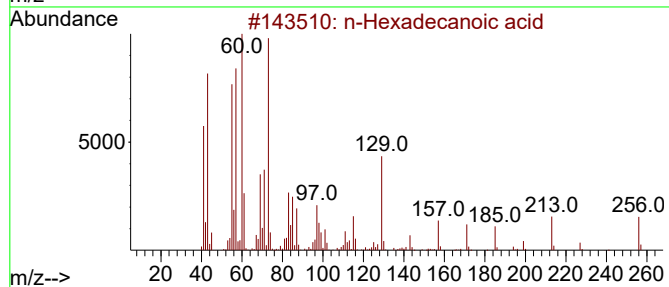
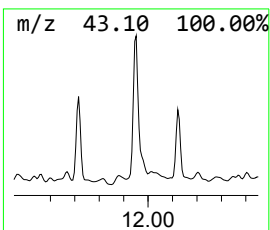
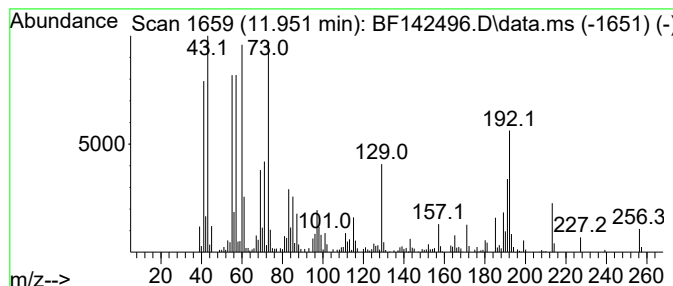
Instrument :
BNA_F
ClientSampleId :
SS-910

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 14 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.951	12.98 ng	319203	Phenanthrene-d10		11.427	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Decanoic acid		172	C10H20O2	000334-48-5	78
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	68
5	Tridecanoic acid		214	C13H26O2	000638-53-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

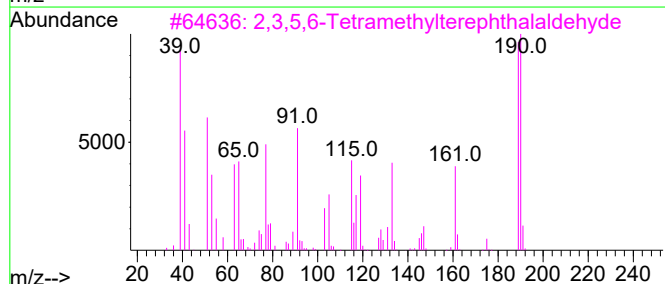
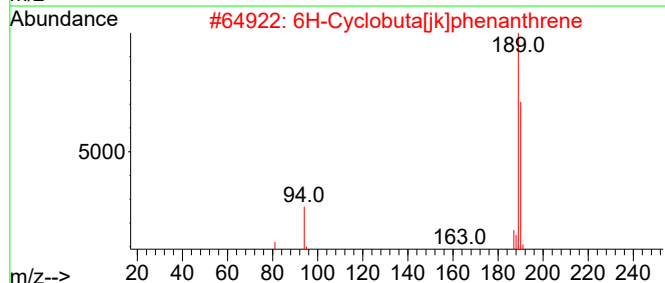
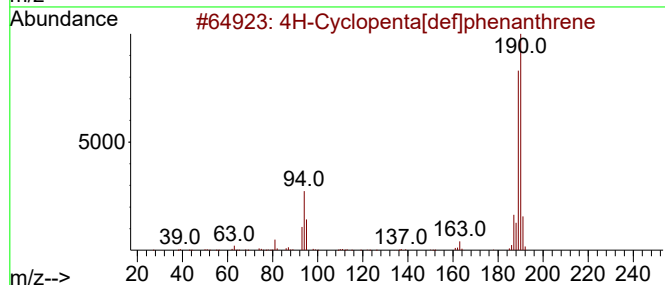
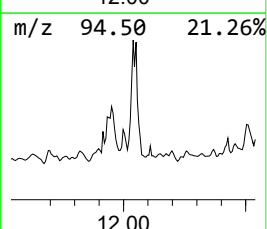
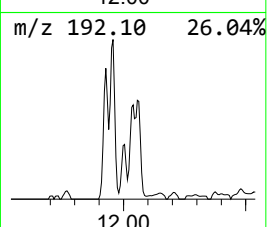
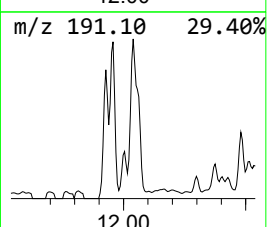
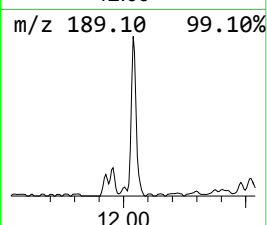
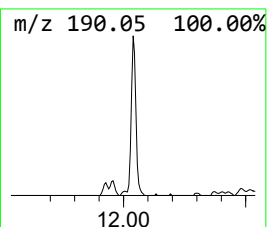
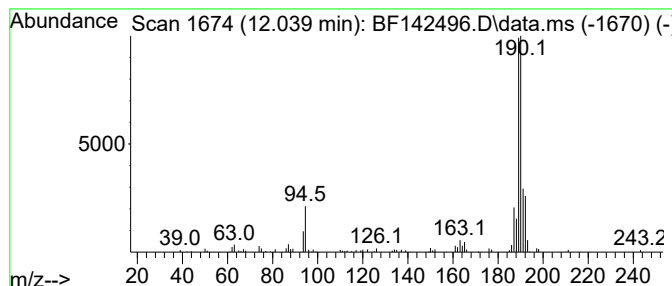
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	4.92 ng	121091	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4			Methyl diselenide	190	C2H6Se2	007101-31-7	43
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

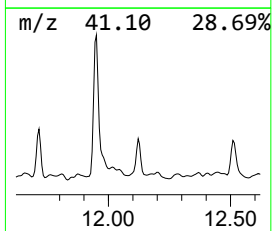
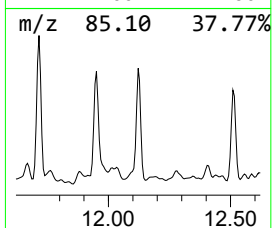
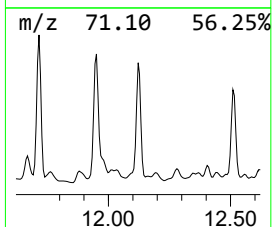
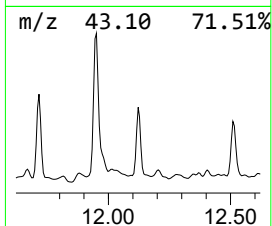
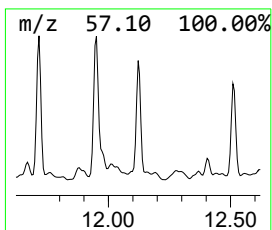
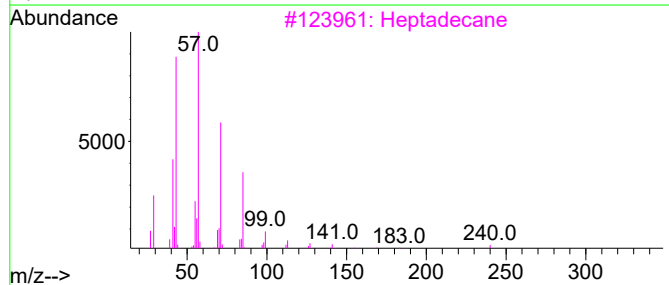
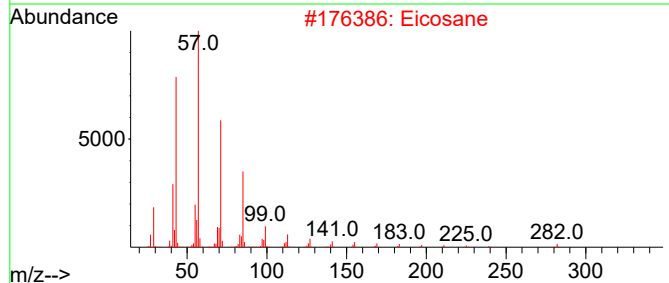
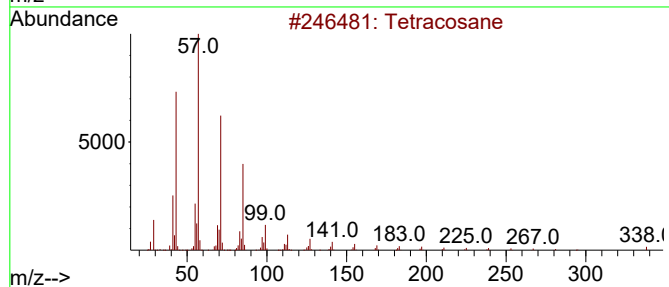
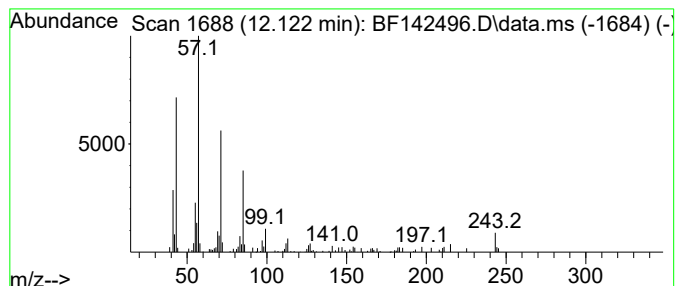
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	2.46 ng	60467	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	76
2			Eicosane	282	C20H42	000112-95-8	68
3			Heptadecane	240	C17H36	000629-78-7	64
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

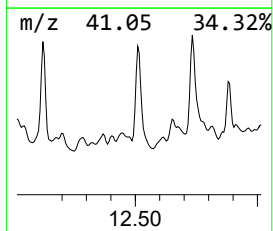
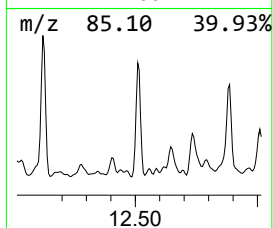
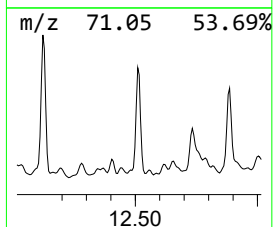
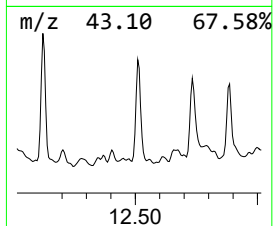
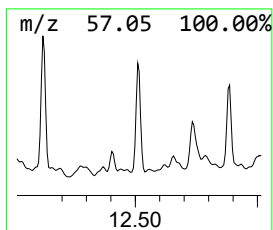
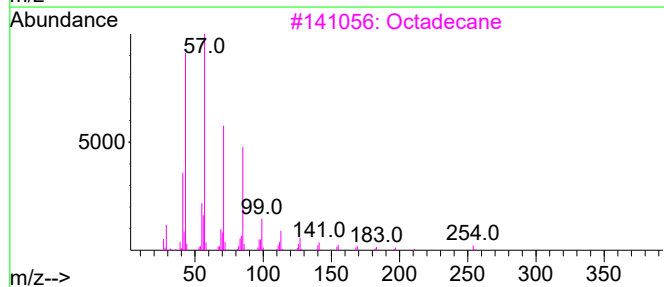
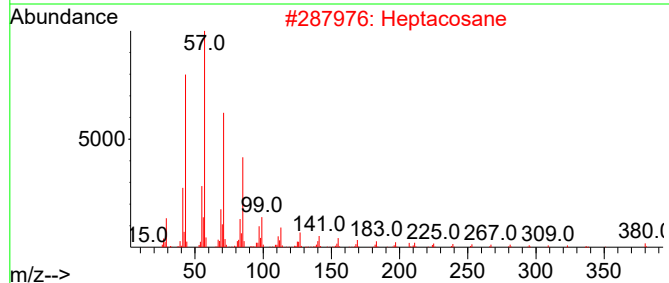
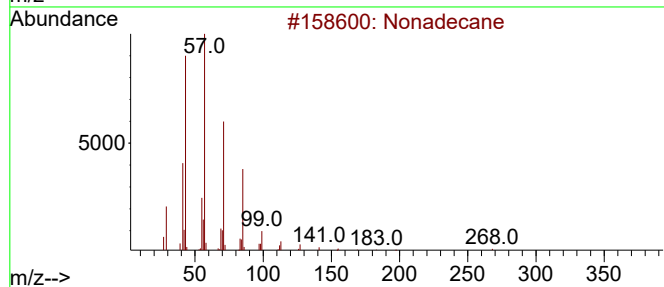
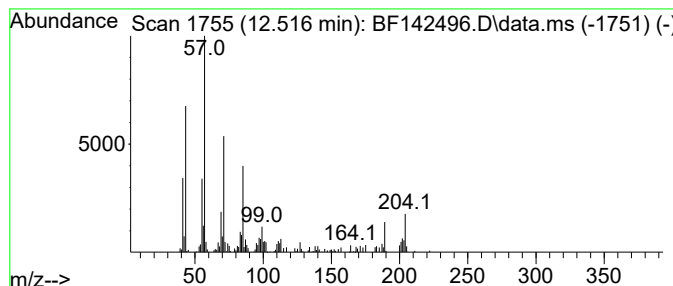
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	2.83 ng	69588	Phenanthrene-d10	11.427

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	68
2		Heptacosane	380	C27H56	000593-49-7	68
3		Octadecane	254	C18H38	000593-45-3	68
4		Octacosane	394	C28H58	000630-02-4	68
5		Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

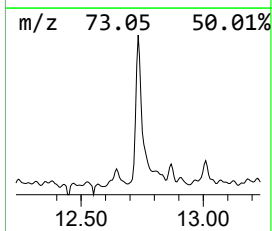
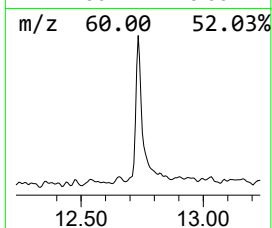
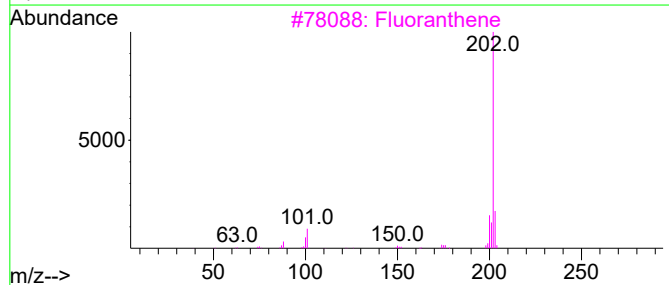
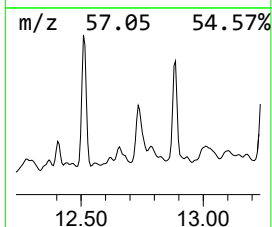
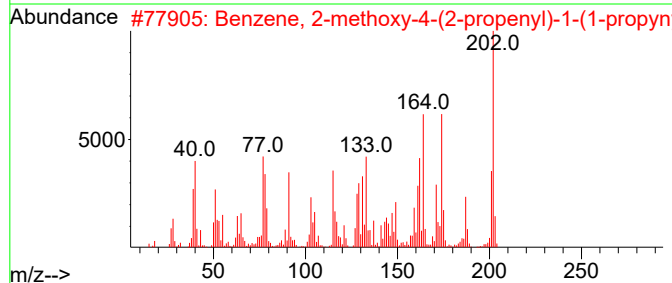
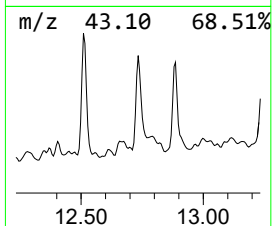
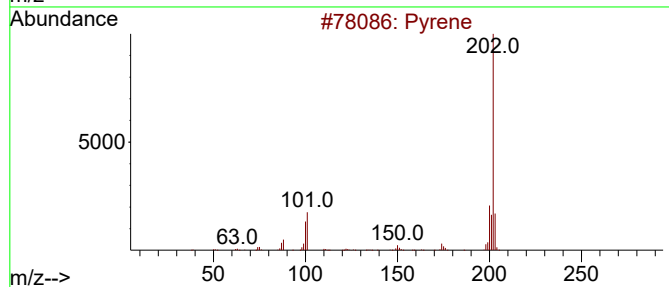
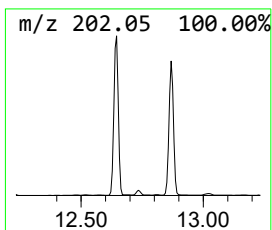
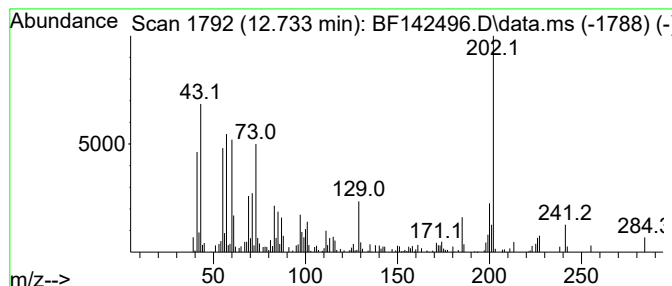
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown12.733 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	3.72 ng	91425	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene	202	C16H10	000129-00-0	46
2			Benzene, 2-methoxy-4-(2-propenyl...	202	C13H14O2	055956-27-9	43
3			Fluoranthene	202	C16H10	000206-44-0	43
4			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	42
5			3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

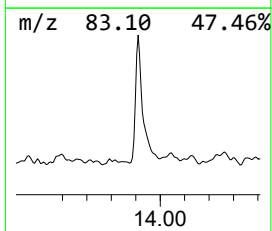
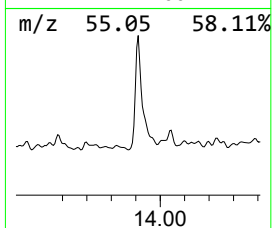
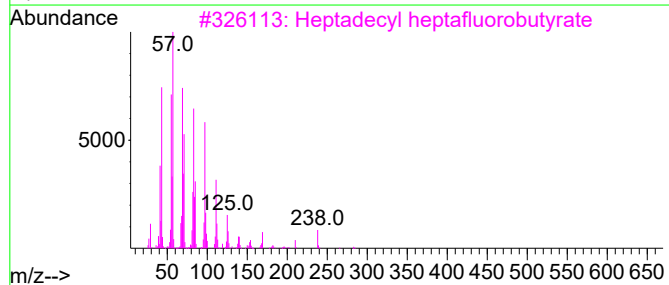
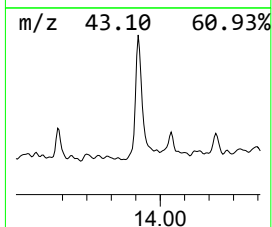
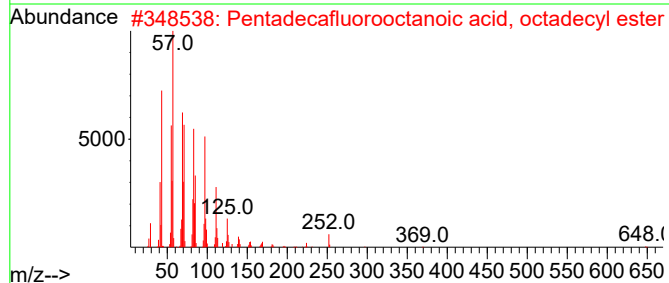
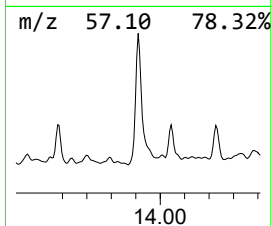
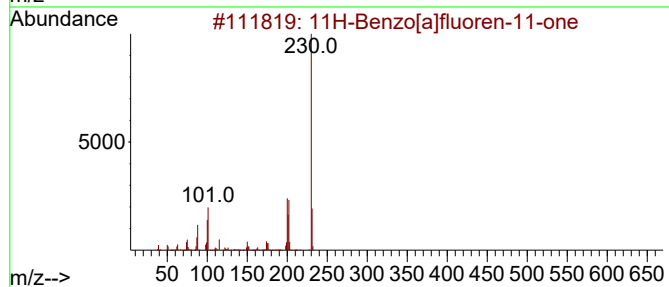
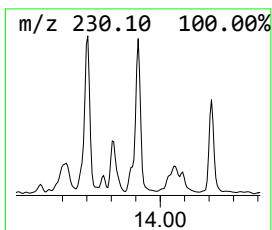
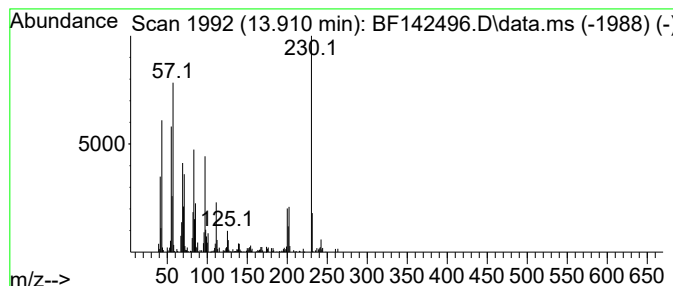
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	2.68 ng	161476	Chrysene-d12	14.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	62
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60
4			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	53
5			1-Hexacosene	364	C26H52	018835-33-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142496.D
Acq On : 21 May 2025 19:34
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

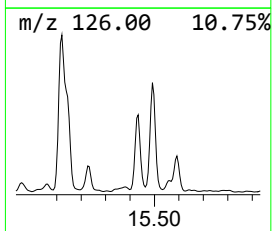
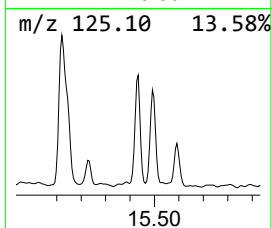
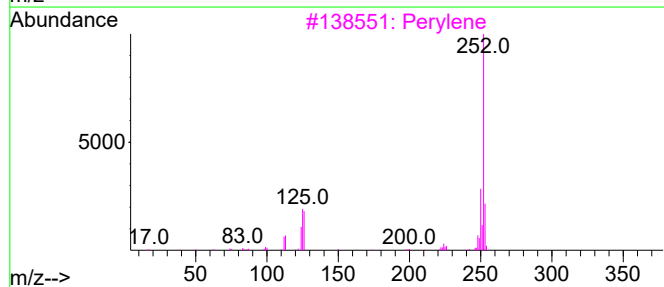
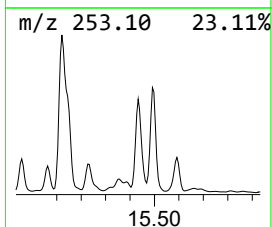
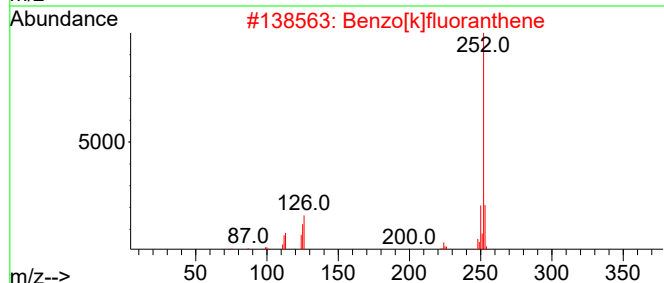
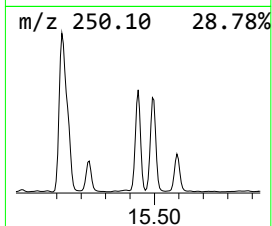
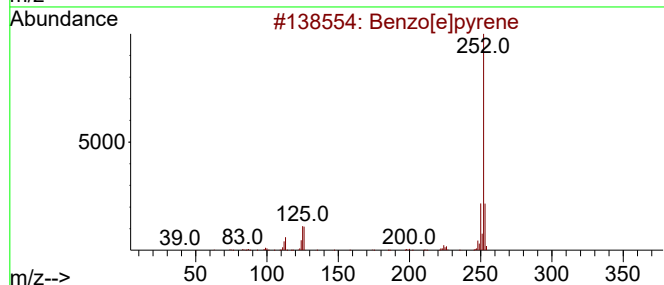
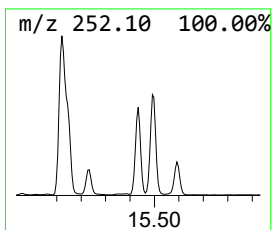
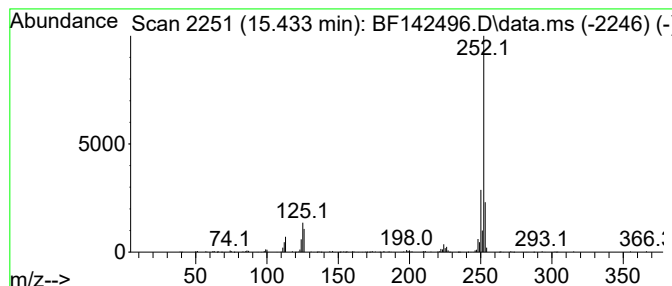
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	5.47 ng	208403	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	97
4			Benzo[a]pyrene	252	C20H12	000050-32-8	96
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142496.D
 Acq On : 21 May 2025 19:34
 Operator : RC/JU
 Sample : Q2075-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-910

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	6.8	ng	186705	1	6.898	552212	20.0
Mesitylene	6.728	4.8	ng	132757	1	6.898	552212	20.0
Benzene, 2-ethy...	7.216	2.5	ng	69235	1	6.898	552212	20.0
Benzene, 2-ethe...	7.922	3.0	ng	136505	2	8.181	902367	20.0
Tridecane	8.769	3.8	ng	170278	2	8.181	902367	20.0
Tetradecane	9.333	6.2	ng	168793	3	9.939	546007	20.0
Naphthalene, 1,...	9.592	2.6	ng	72145	3	9.939	546007	20.0
Pentadecane	9.863	5.3	ng	143735	3	9.939	546007	20.0
Hexadecane	10.363	5.1	ng	139421	3	9.939	546007	20.0
Benzophenone	10.651	11.4	ng	310885	3	9.939	546007	20.0
Nonadecane	10.839	7.2	ng	176681	4	11.427	491955	20.0
Heptadecane	11.286	4.0	ng	98631	4	11.427	491955	20.0
Heneicosane	11.716	2.7	ng	66729	4	11.427	491955	20.0
n-Hexadecanoic ...	11.951	13.0	ng	319203	4	11.427	491955	20.0
4H-Cyclopenta[d...]	12.039	4.9	ng	121091	4	11.427	491955	20.0
Tetracosane	12.121	2.5	ng	60467	4	11.427	491955	20.0
Heptacosane	12.516	2.8	ng	69588	4	11.427	491955	20.0
unknown12.733	12.733	3.7	ng	91425	4	11.427	491955	20.0
11H-Benzo[a]flu...	13.910	2.7	ng	161476	5	14.069	1203050	20.0
Benzo[e]pyrene	15.433	5.5	ng	208403	6	15.563	762086	20.0