

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143520.D
 Acq On : 21 Aug 2025 10:20
 Operator : RC/JU
 Sample : Q2820-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22M-S

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-BF082025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143520.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	4	11	23	rBV	710845	1153358	18.57%	1.483%
2	5.157	498	504	514	rBV	136614	212948	3.43%	0.274%
3	5.563	567	573	592	rBV	1371849	1860558	29.95%	2.393%
4	6.181	674	678	685	rBV2	50404	99658	1.60%	0.128%
5	6.469	722	727	736	rBV	96228	181152	2.92%	0.233%
6	6.557	736	742	748	rBV	1482199	1992669	32.08%	2.563%
7	6.681	758	763	766	rBV3	67954	111398	1.79%	0.143%
8	6.710	766	768	775	rVB4	59575	90850	1.46%	0.117%
9	6.786	775	781	785	rBV4	62436	116291	1.87%	0.150%
10	6.857	785	793	795	rBV5	57704	134385	2.16%	0.173%
11	6.928	796	805	811	rVV2	774198	1399500	22.53%	1.800%
12	6.986	811	815	818	rBV3	82496	108140	1.74%	0.139%
13	7.039	818	824	827	rBV3	109231	237357	3.82%	0.305%
14	7.075	827	830	833	rVB	119130	141317	2.27%	0.182%
15	7.157	841	844	847	rBV3	74672	80151	1.29%	0.103%
16	7.204	847	852	855	rVV	289758	383150	6.17%	0.493%
17	7.275	860	864	866	rBV3	75947	122900	1.98%	0.158%
18	7.322	866	872	875	rBV5	214734	367304	5.91%	0.472%
19	7.351	875	877	883	rVB3	159135	229248	3.69%	0.295%
20	7.404	883	886	889	rBV3	87451	120930	1.95%	0.156%
21	7.481	890	899	903	rBV	1006581	1870148	30.10%	2.405%
22	7.569	910	914	918	rBV3	379726	588682	9.48%	0.757%
23	7.634	918	925	929	rBV3	342698	730950	11.77%	0.940%
24	7.710	935	938	940	rBV	290964	348962	5.62%	0.449%
25	7.733	940	942	949	rVB3	425466	573026	9.22%	0.737%
26	7.810	950	955	958	rBV3	226888	411520	6.62%	0.529%
27	7.851	958	962	966	rBV2	537323	636144	10.24%	0.818%
28	7.892	966	969	972	rBV2	304764	353934	5.70%	0.455%
29	7.922	972	974	977	rVB2	251138	260415	4.19%	0.335%
30	7.963	977	981	985	rBV3	379866	545090	8.77%	0.701%
31	8.004	985	988	990	rBV3	268592	305892	4.92%	0.393%
32	8.086	998	1002	1005	rBV3	327082	575174	9.26%	0.740%
33	8.157	1011	1014	1017	rBV3	254358	403545	6.50%	0.519%
34	8.198	1017	1021	1027	rVB2	984945	2029505	32.67%	2.610%
35	8.275	1029	1034	1037	rVV	1356194	1721416	27.71%	2.214%
36	8.386	1046	1053	1055	rBV3	463034	997074	16.05%	1.282%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143520.D
 Acq On : 21 Aug 2025 10:20
 Operator : RC/JU
 Sample : Q2820-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22M-S

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-BF082025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.416	1056	1058	1065	rVB2	509554	754812	12.15%	0.971%
38	8.504	1069	1073	1079	rVV5	949792	1808328	29.11%	2.326%
39	8.557	1079	1082	1084	rVV2	575263	667884	10.75%	0.859%
40	8.586	1084	1087	1091	rVB2	676919	904729	14.56%	1.164%
41	8.633	1091	1095	1106	rVB	2468889	4678030	75.30%	6.016%
42	8.722	1106	1110	1112	rBV3	443158	580281	9.34%	0.746%
43	8.757	1113	1116	1120	rBV3	434569	661991	10.66%	0.851%
44	8.804	1120	1124	1128	rBV	939683	1297711	20.89%	1.669%
45	8.898	1137	1140	1147	rVB	975647	1412974	22.74%	1.817%
46	8.963	1148	1151	1153	rBV3	495735	580138	9.34%	0.746%
47	9.092	1169	1173	1176	rBV4	789165	1438084	23.15%	1.849%
48	9.169	1183	1186	1190	rBV	593858	691220	11.13%	0.889%
49	9.210	1190	1193	1195	rVV	769992	974190	15.68%	1.253%
50	9.239	1195	1198	1202	rVV	2440468	2986985	48.08%	3.841%
51	9.286	1202	1206	1211	rVB	1523321	1858550	29.92%	2.390%
52	9.375	1216	1221	1225	rBV2	2566733	4089114	65.82%	5.259%
53	9.692	1270	1275	1282	rBV2	3248274	6212493	100.00%	7.990%
54	9.845	1298	1301	1303	rBV3	603659	789380	12.71%	1.015%
55	10.227	1362	1366	1374	rVB4	1442374	2930370	47.17%	3.769%
56	10.292	1374	1377	1380	rBV2	771379	1004368	16.17%	1.292%
57	10.627	1429	1434	1439	rVB	2413414	3809360	61.32%	4.899%
58	10.892	1474	1479	1486	rVB2	3532876	5580457	89.83%	7.177%
59	11.357	1554	1558	1563	rVB	2181601	3263700	52.53%	4.197%
60	11.463	1573	1576	1579	rBV	656903	760582	12.24%	0.978%
61	11.698	1613	1616	1627	rVB6	841711	1552215	24.99%	1.996%
62	12.433	1739	1741	1749	rVB2	458047	758015	12.20%	0.975%
63	12.510	1750	1754	1757	rBV2	426787	560057	9.02%	0.720%
64	12.957	1827	1830	1834	rVB	262659	321877	5.18%	0.414%
65	13.033	1839	1843	1853	rVB	1242349	1833178	29.51%	2.358%
66	14.092	2019	2023	2032	rVB	508232	706598	11.37%	0.909%
67	15.592	2272	2278	2289	rBV	505770	793771	12.78%	1.021%

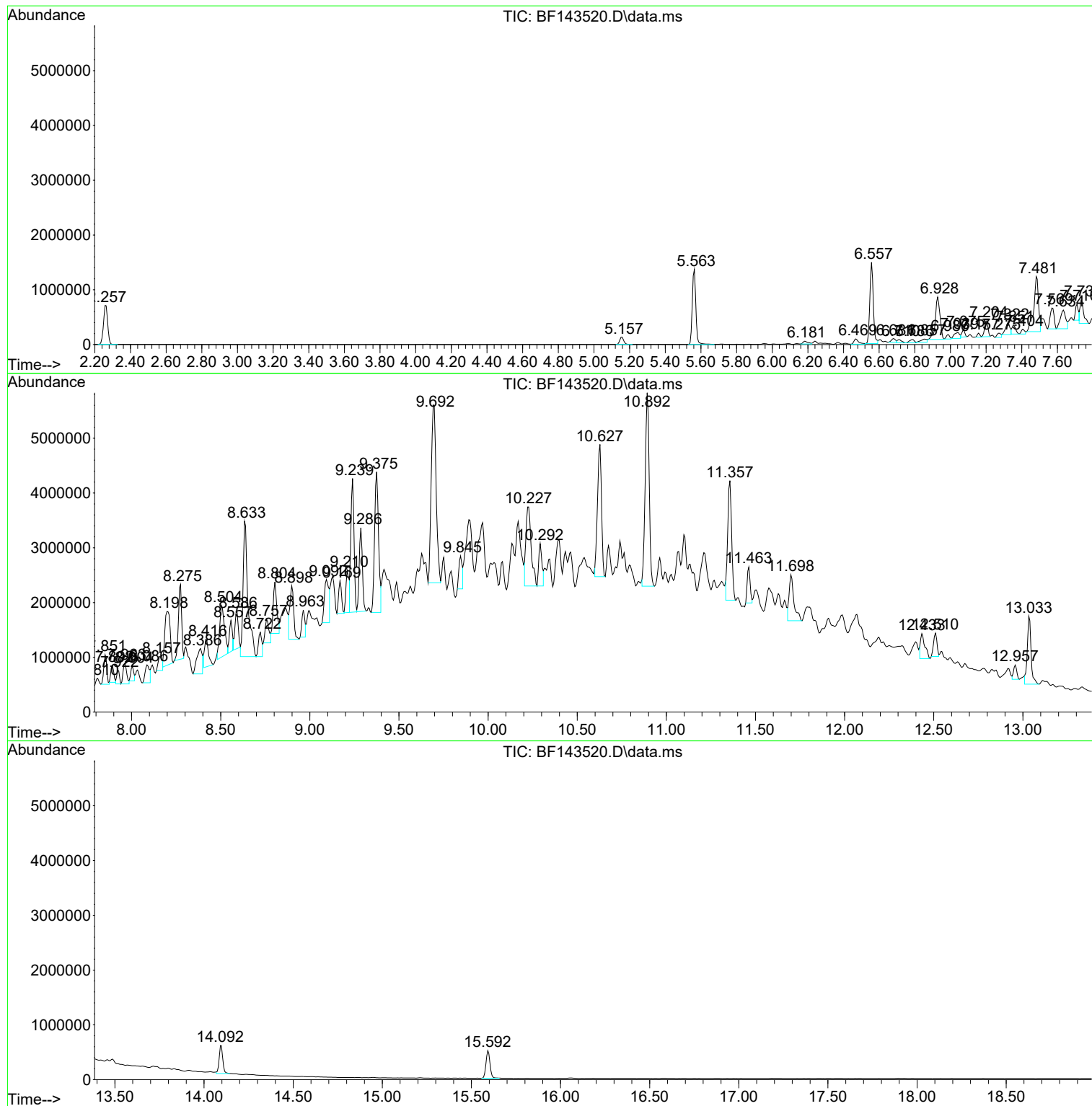
Sum of corrected areas: 77756183

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

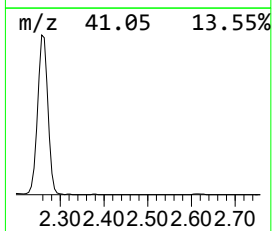
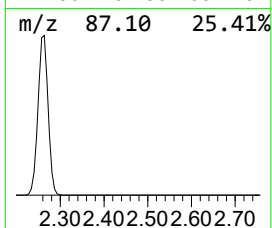
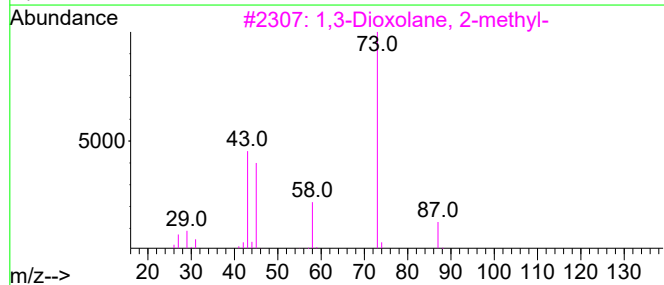
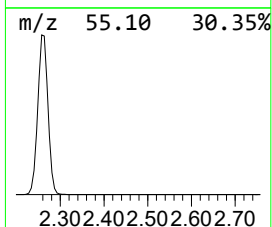
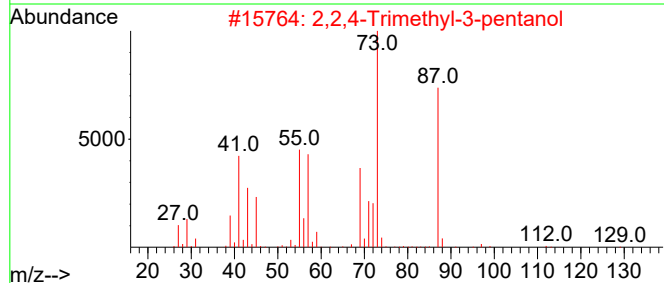
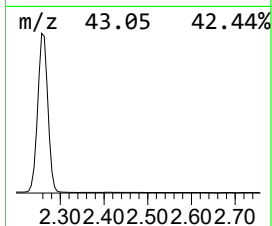
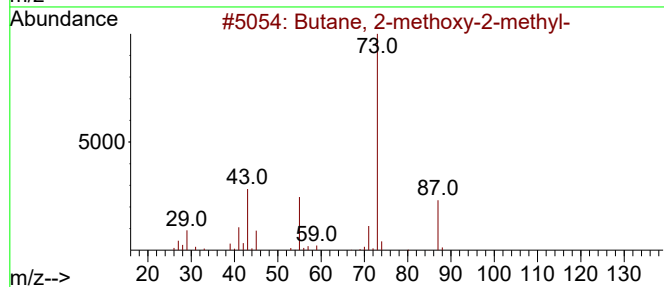
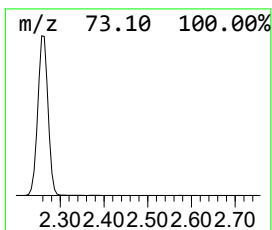
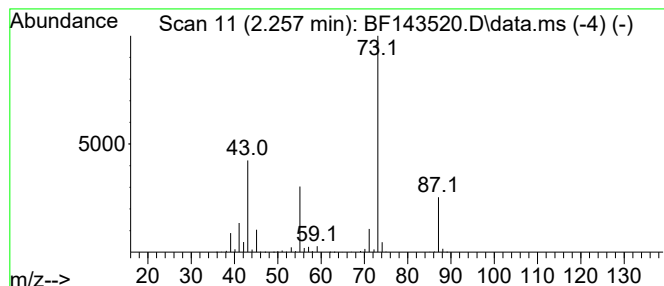
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	16.48 ng	1153360	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

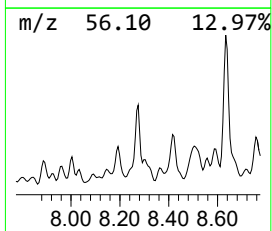
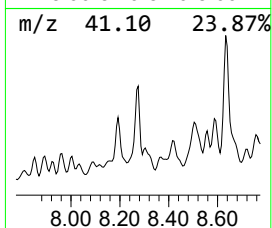
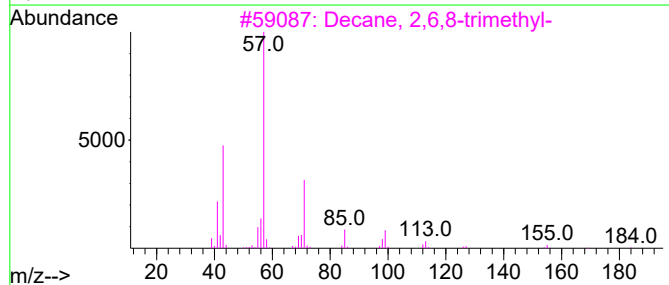
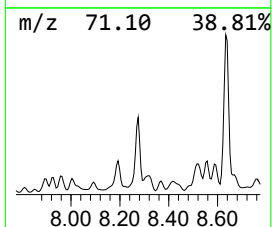
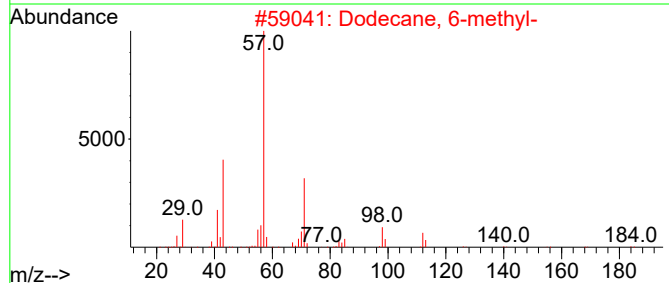
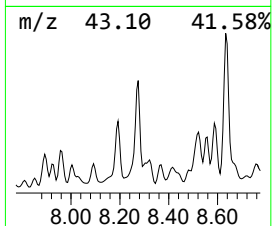
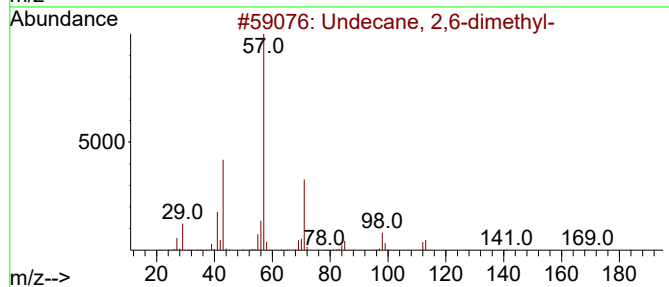
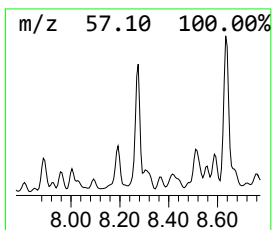
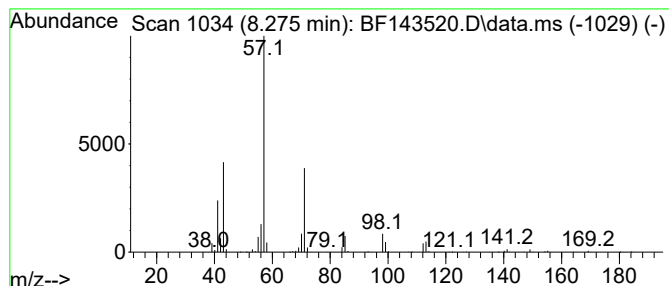
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	16.96 ng	1721420	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
4			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

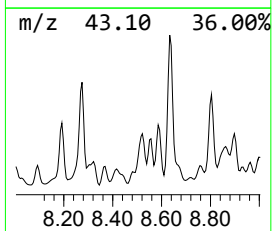
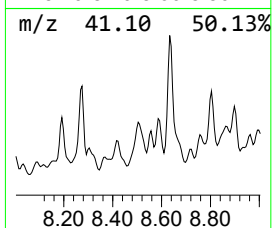
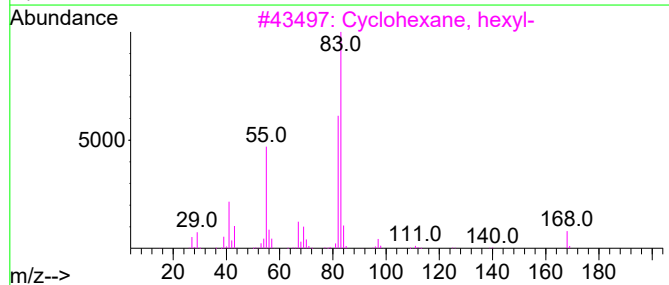
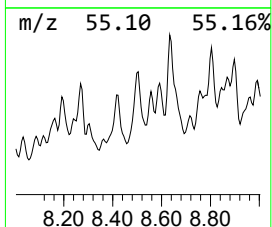
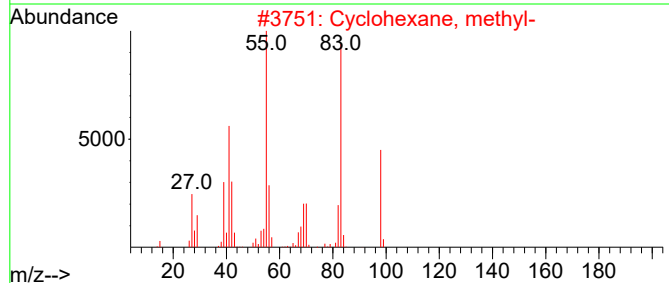
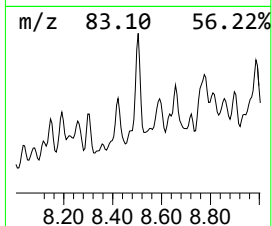
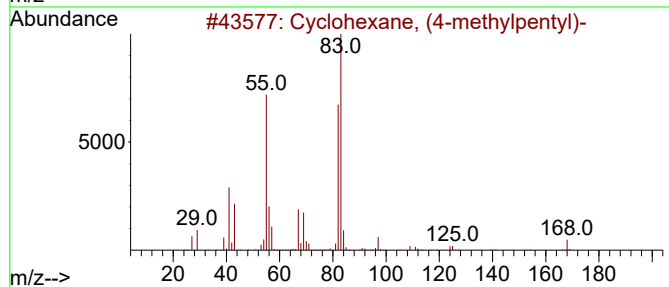
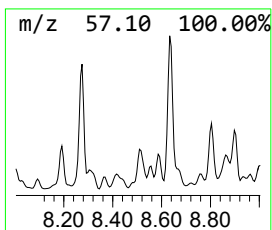
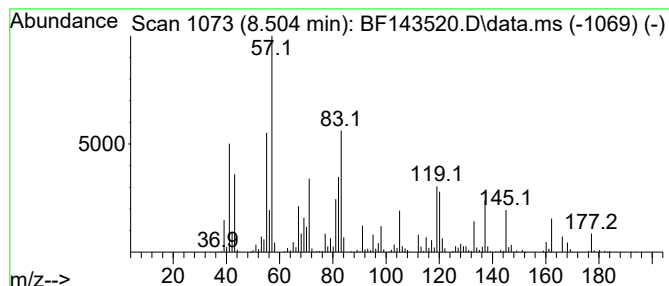
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown8.504 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.504	17.82 ng	1808330	Naphthalene-d8	8.210

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	18
2		Cyclohexane, methyl-	98	C7H14	000108-87-2	14
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	14
4		Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	14
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

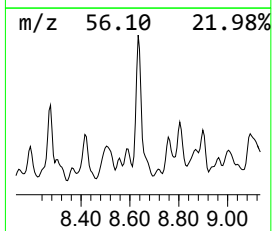
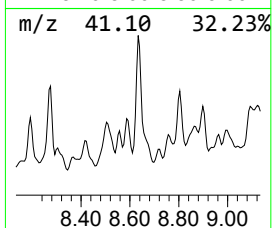
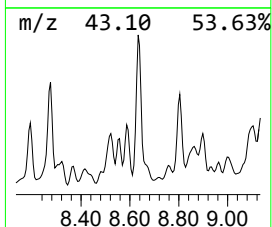
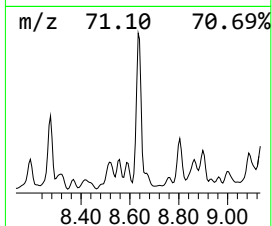
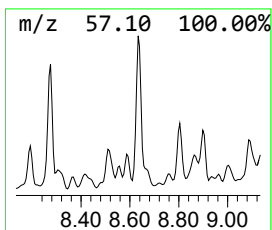
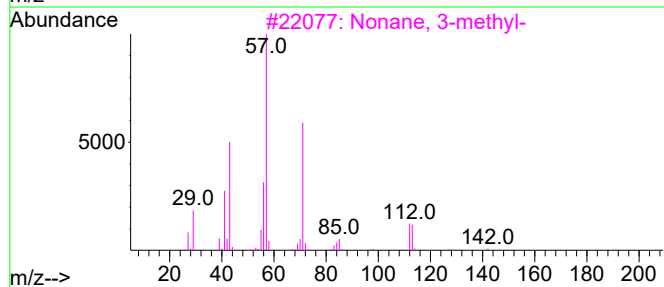
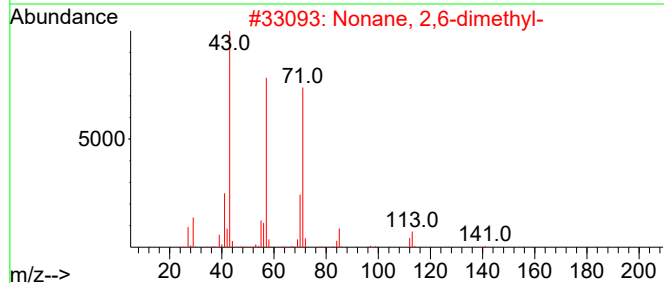
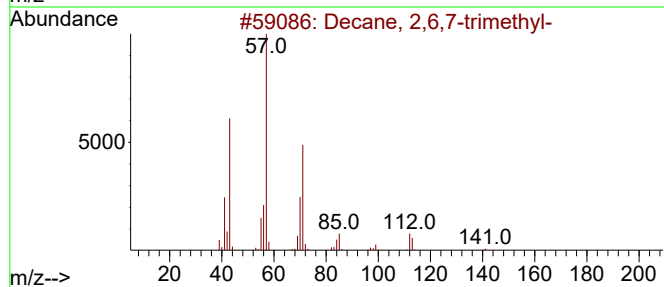
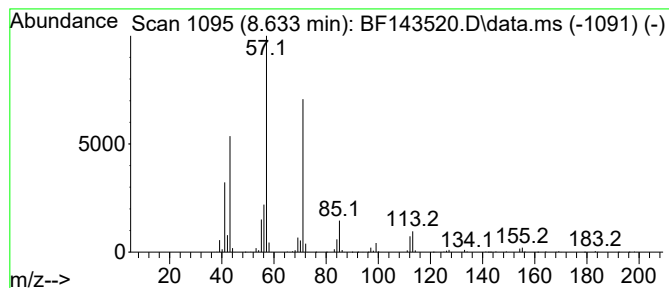
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.633	46.10 ng	4678030	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90		
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80		
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72		
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72		
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

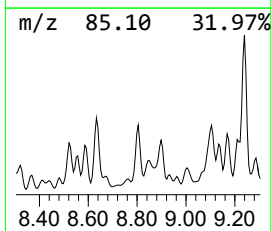
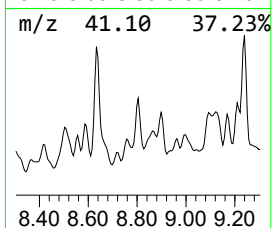
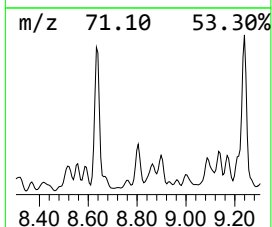
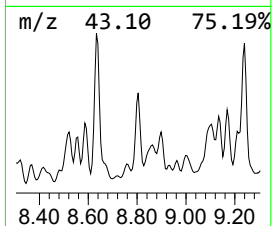
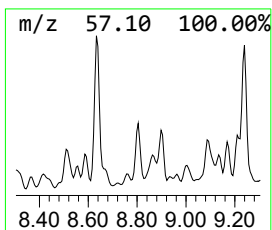
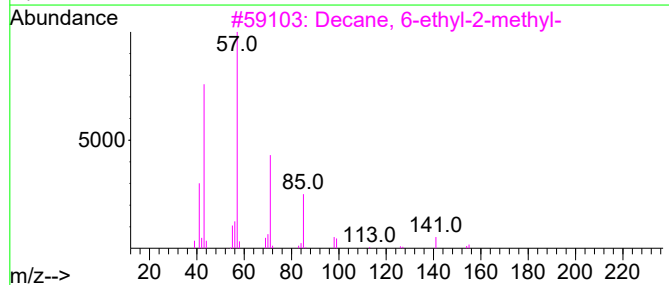
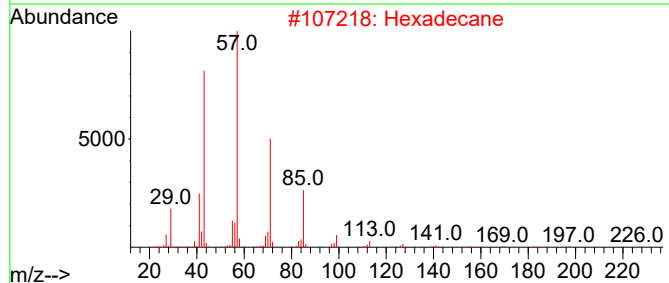
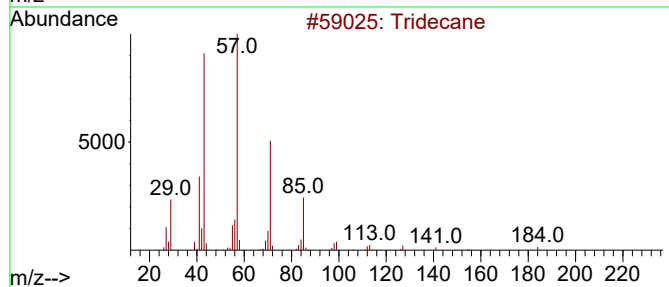
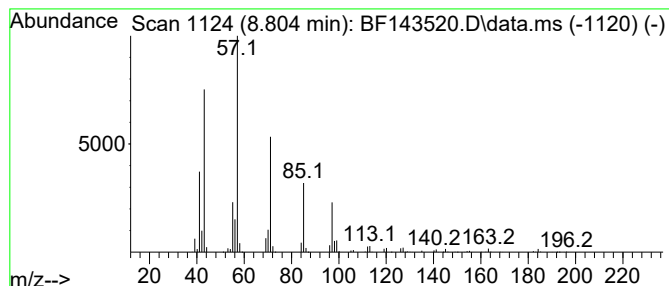
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.804	12.79 ng	1297710	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	72
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4			Pentadecane	212	C15H32	000629-62-9	72
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

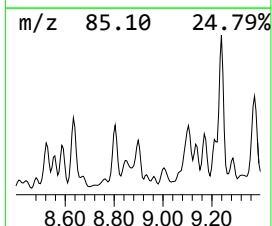
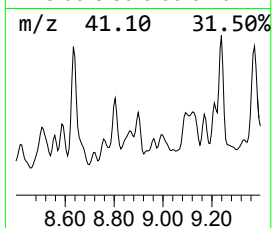
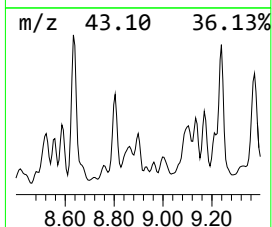
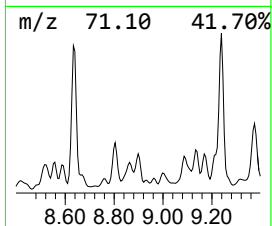
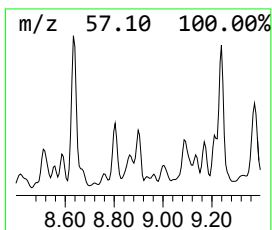
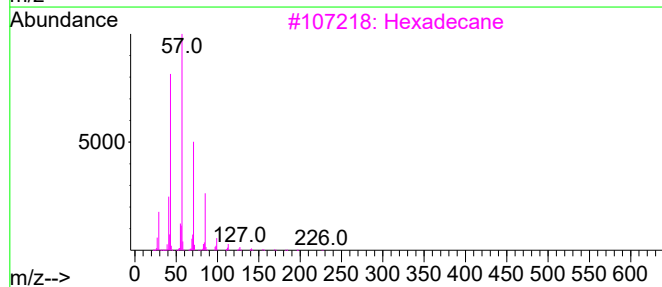
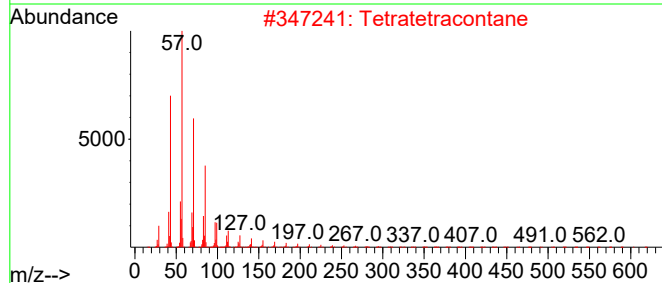
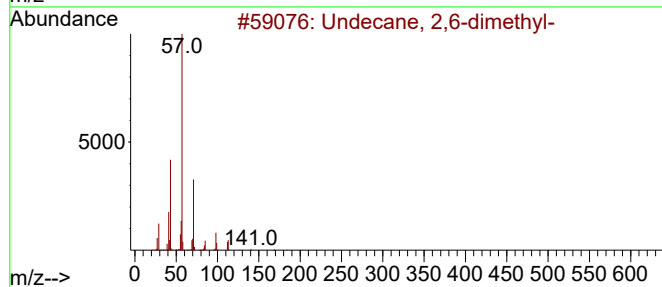
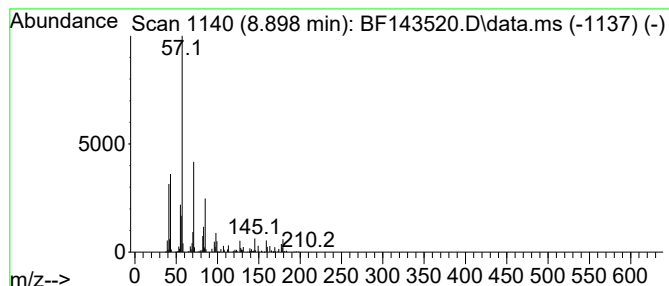
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetratetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.898	13.92 ng	1412970	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2			Tetratetracontane	619	C44H90	007098-22-8	59
3			Hexadecane	226	C16H34	000544-76-3	59
4			3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

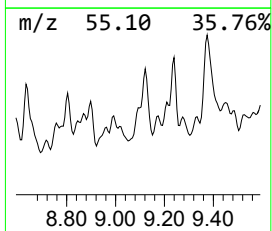
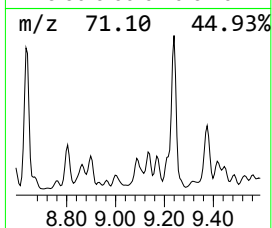
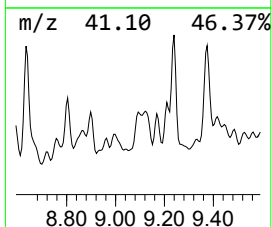
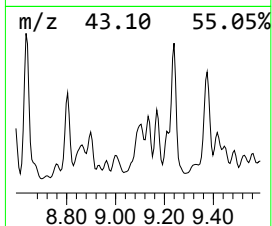
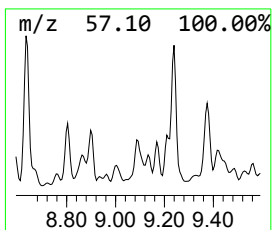
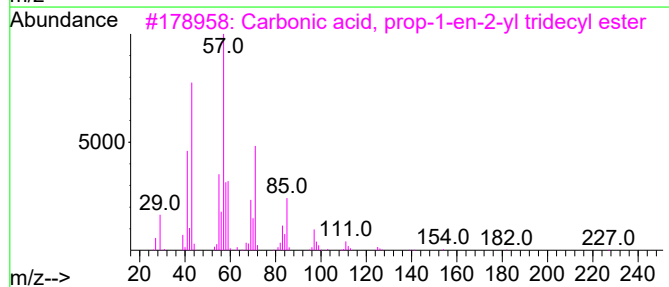
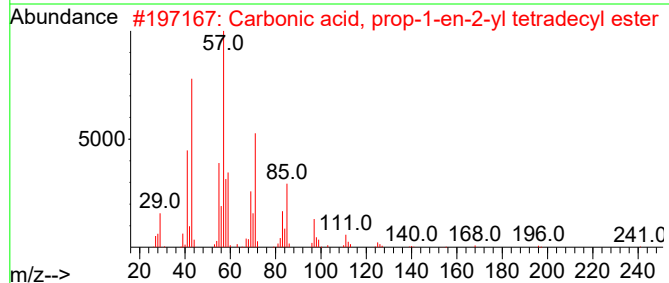
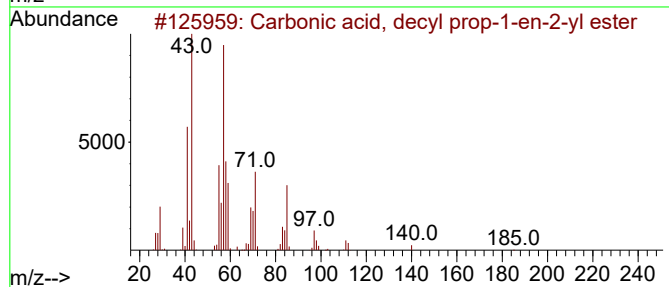
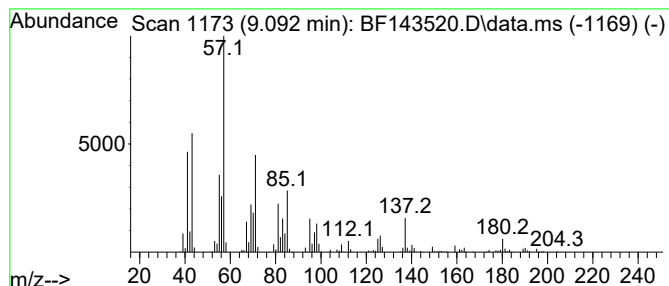
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Carbonic acid, decyl prop-1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	14.17 ng	1438080	Naphthalene-d8	8.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	59
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	53
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	53
4			Hexadecane	226	C16H34	000544-76-3	47
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

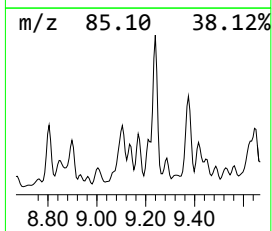
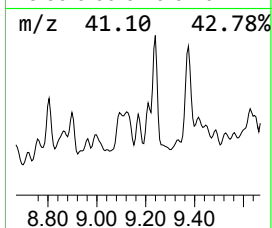
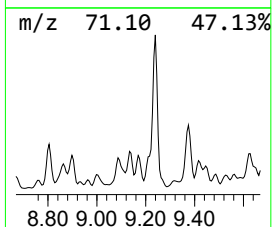
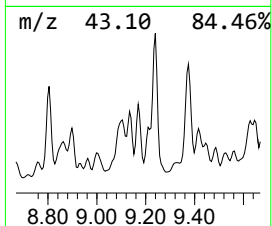
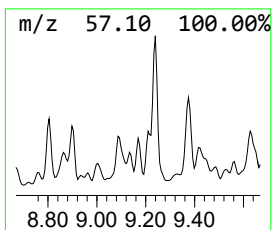
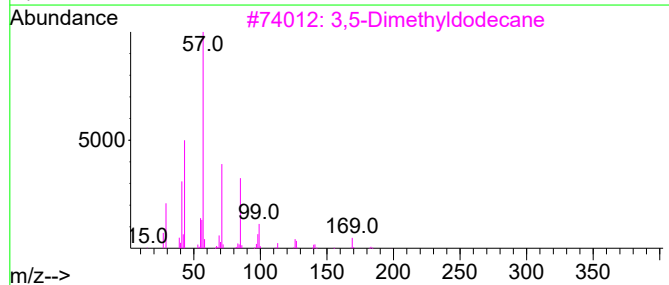
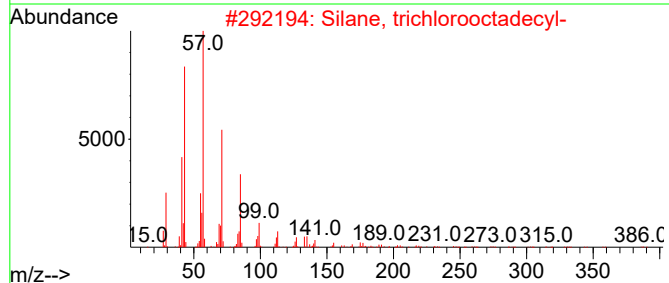
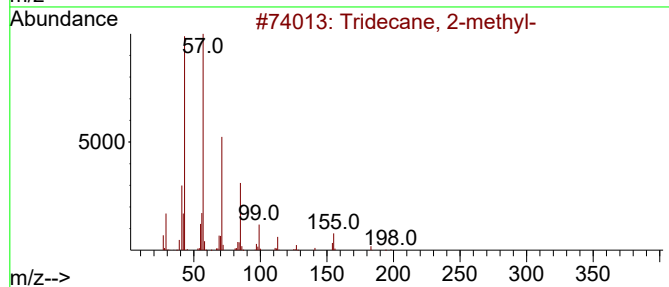
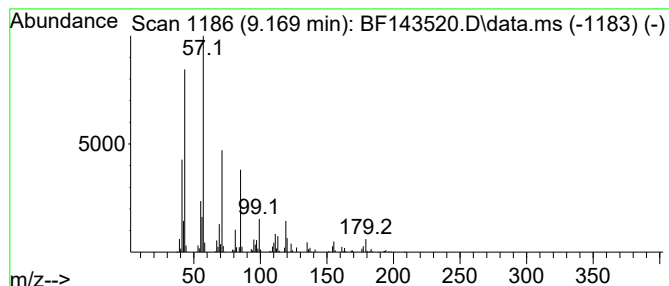
Instrument :
BNA_F
ClientSampleId :
22M-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.169	17.51 ng	691220	Acenaphthene-d10		9.975	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-		198	C14H30	001560-96-9	90
2	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	64
3	3,5-Dimethyldodecane		198	C14H30	107770-99-0	64
4	Decane, 1-iodo-		268	C10H21I	002050-77-3	64
5	1-Iodoundecane		282	C11H23I	004282-44-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

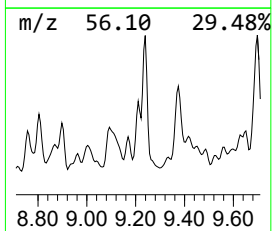
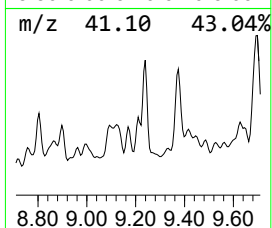
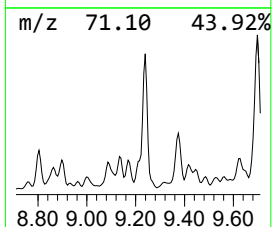
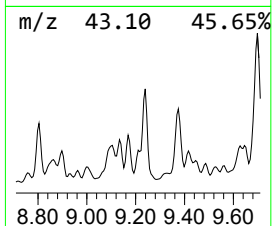
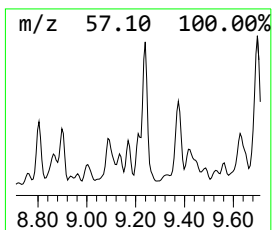
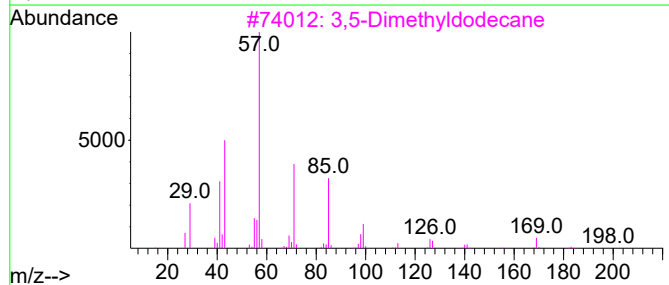
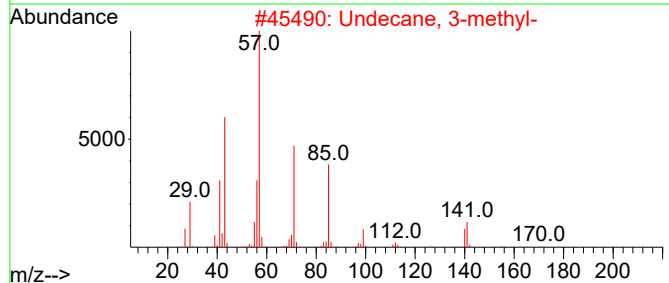
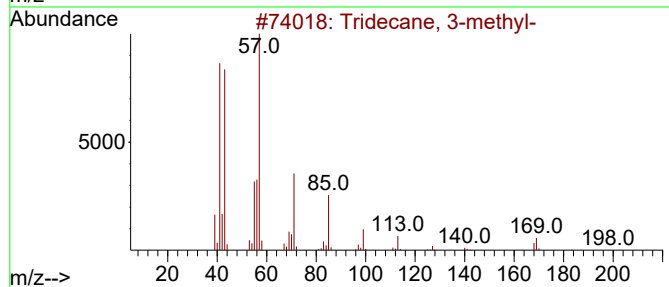
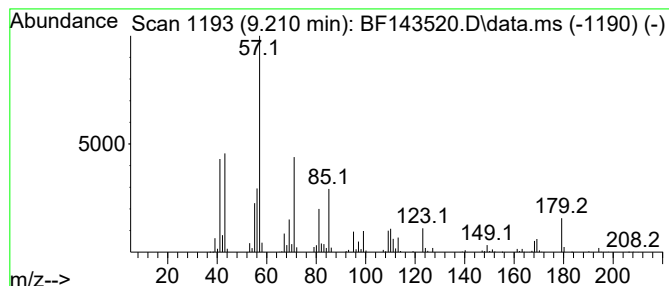
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.210	24.68 ng	974190	Acenaphthene-d10	9.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	58
3			3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

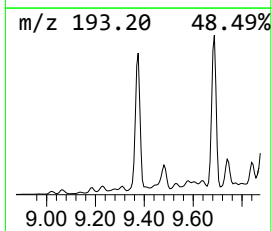
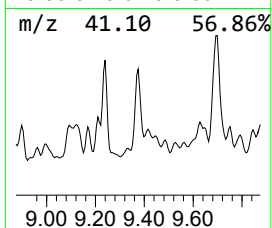
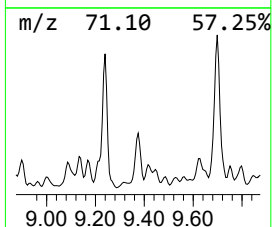
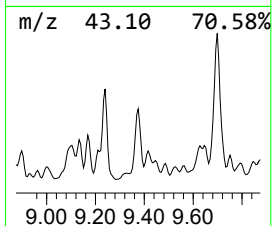
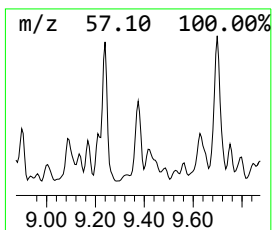
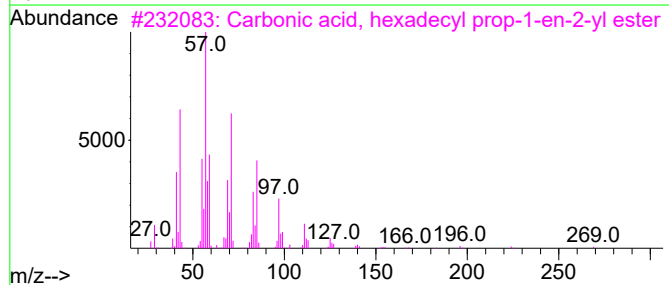
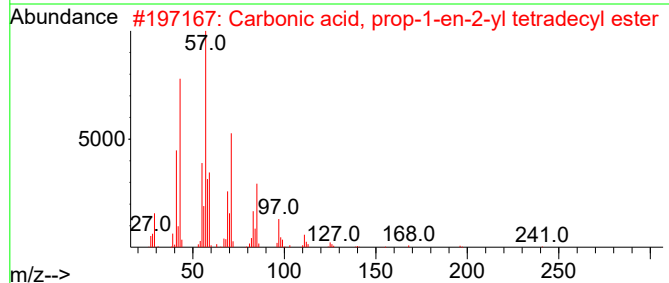
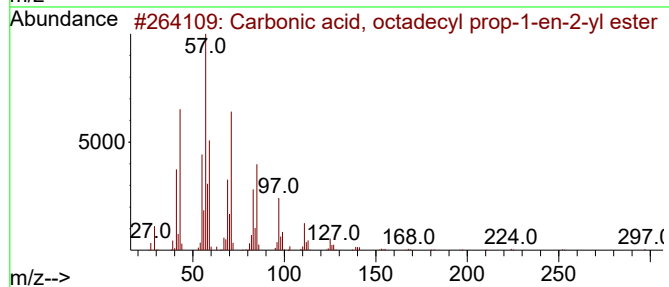
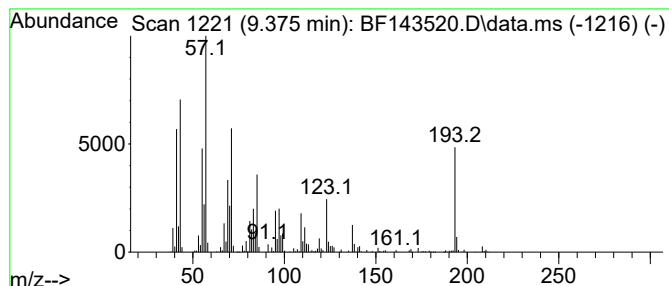
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.375 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	103.60 ng	4089110	Acenaphthene-d10	9.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	41
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	38
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	38
4			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	38
5			Tetradecane	198	C14H30	000629-59-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

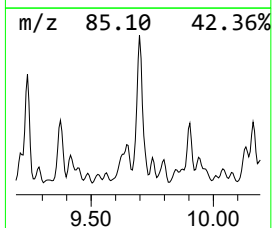
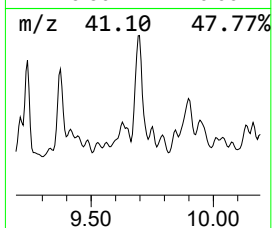
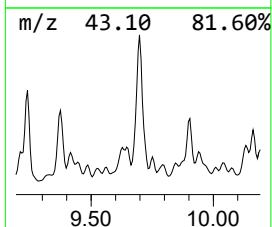
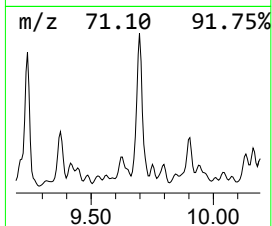
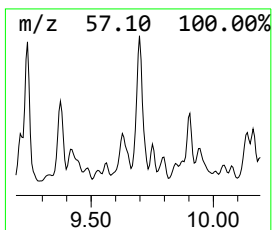
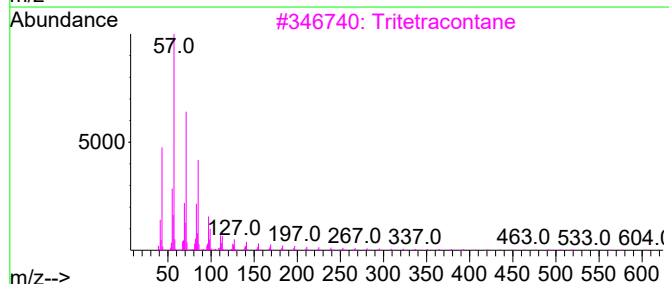
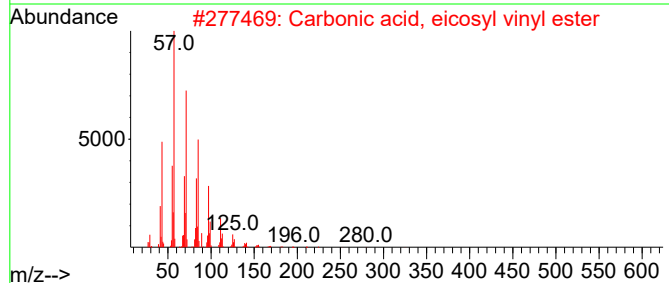
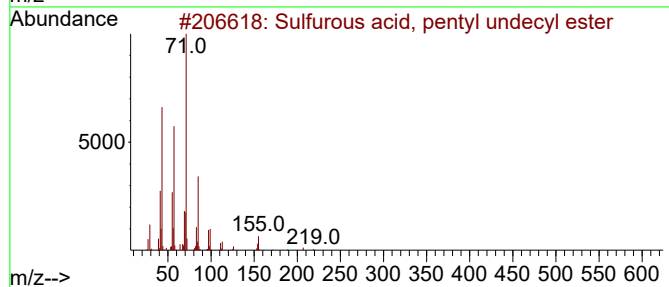
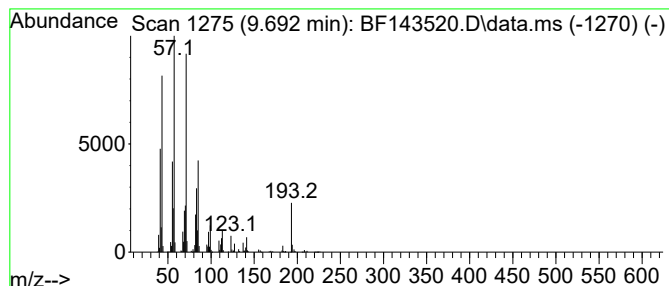
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Sulfurous acid, pentyl unde... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	157.40 ng	6212490	Acenaphthene-d10	9.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	72
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
3			Tritetracontane	605	C43H88	007098-21-7	72
4			Pentacosane	352	C25H52	000629-99-2	72
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

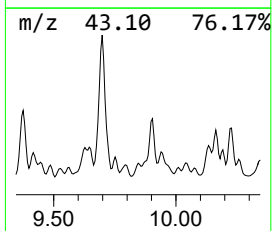
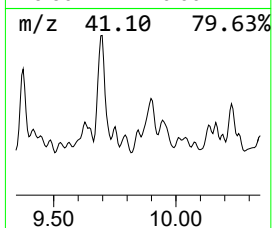
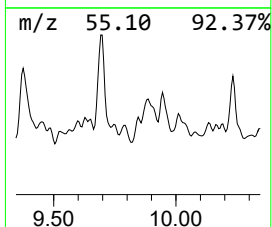
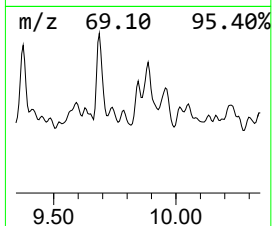
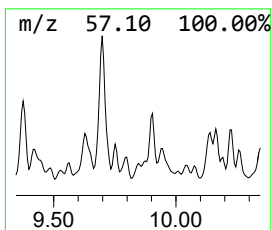
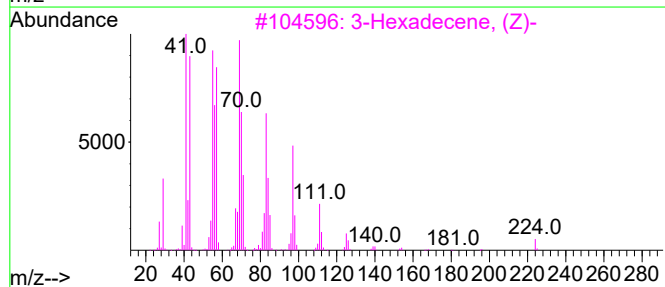
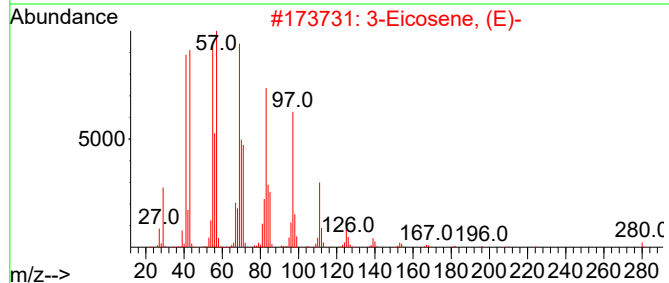
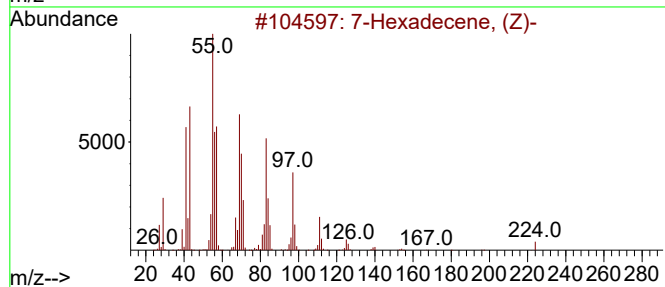
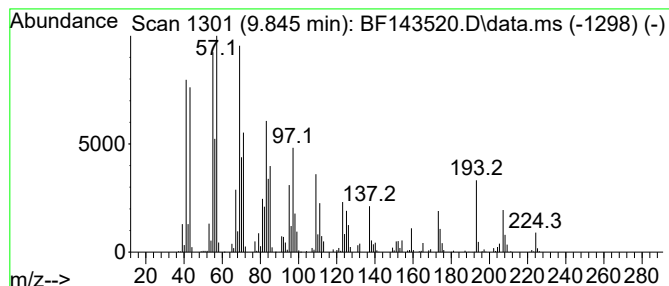
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 7-Hexadecene, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	20.00 ng	789380	Acenaphthene-d10	9.975

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	55
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	49
3		3-Hexadecene, (Z)-	224	C16H32	034303-81-6	49
4		Cetene	224	C16H32	000629-73-2	46
5		9-Octadecene, (E)-	252	C18H36	007206-25-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

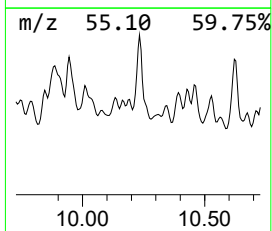
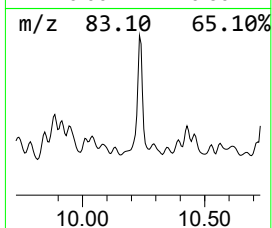
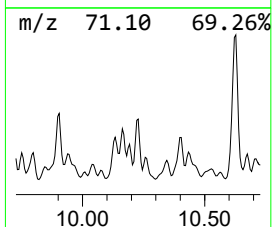
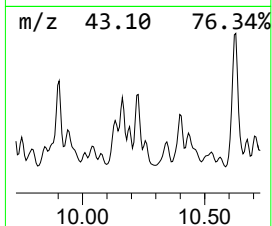
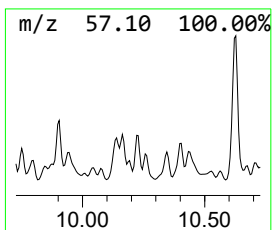
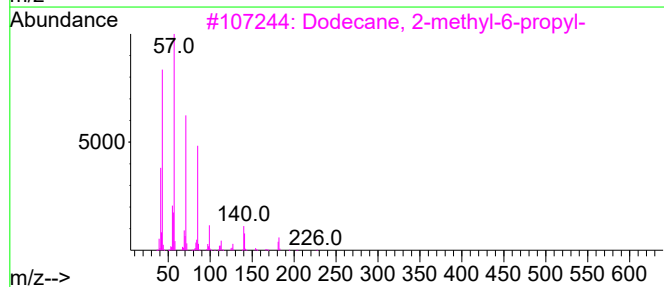
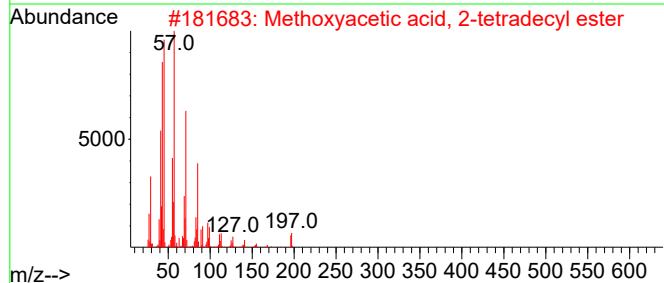
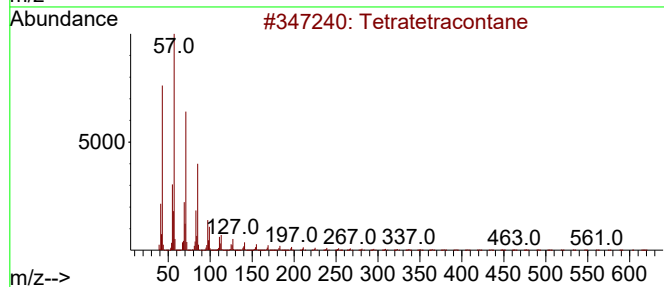
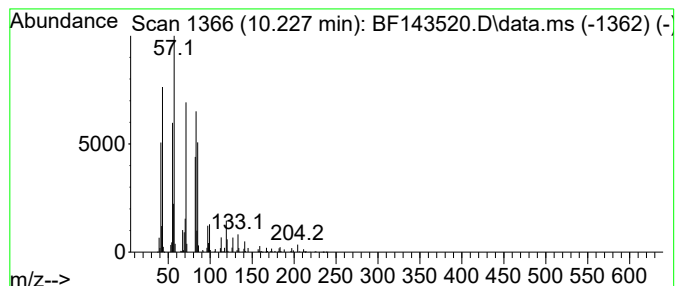
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Methoxyacetic acid, 2-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.227	74.24 ng	2930370	Acenaphthene-d10	9.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	58
2			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	52
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
4			Nonadecane	268	C19H40	000629-92-5	49
5			Tetracosane	338	C24H50	000646-31-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

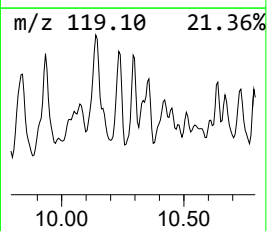
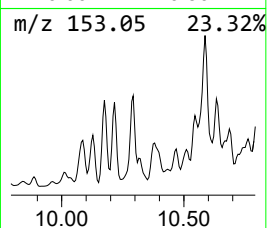
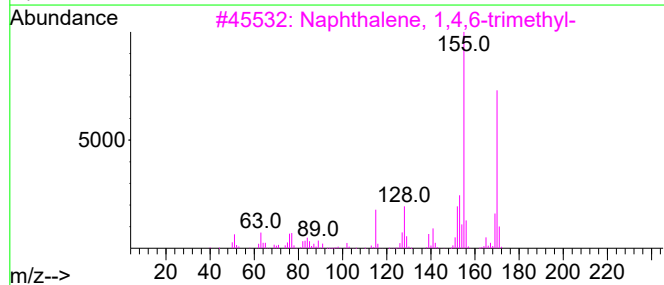
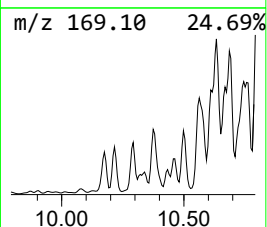
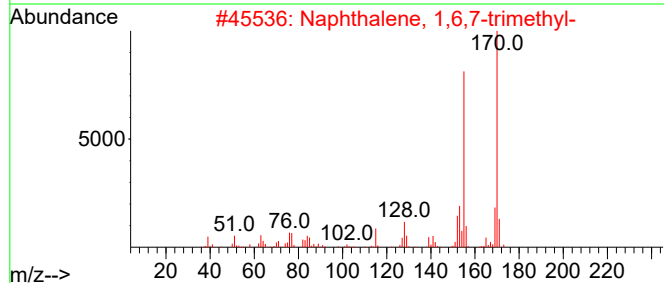
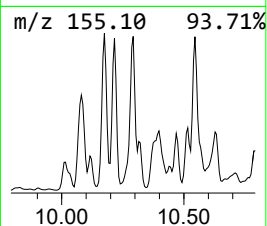
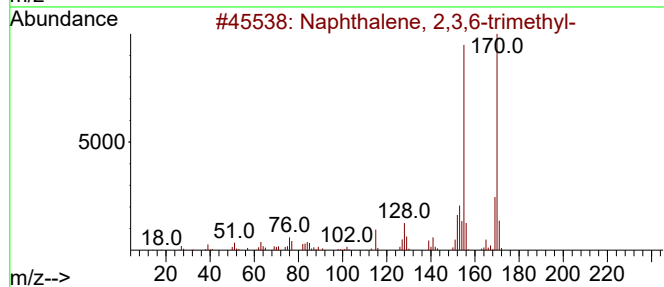
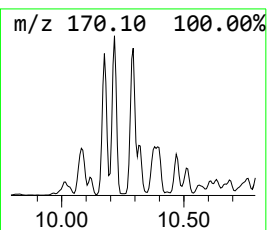
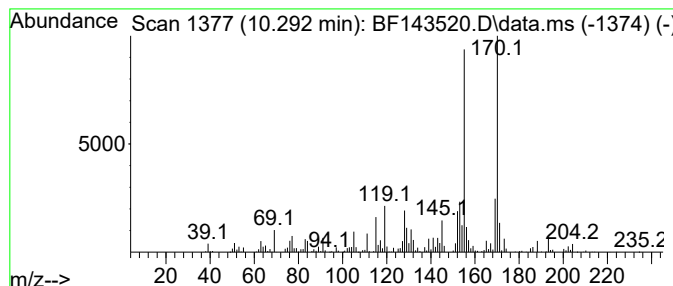
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	25.45 ng	1004370	Acenaphthene-d10	9.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

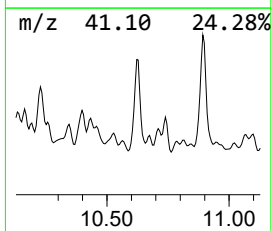
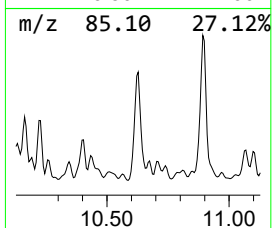
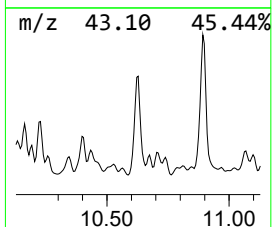
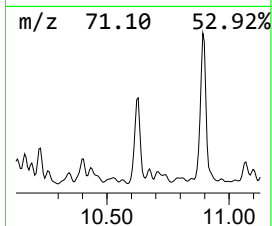
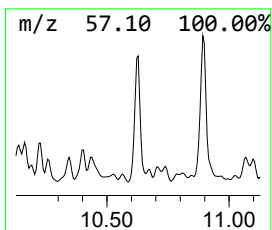
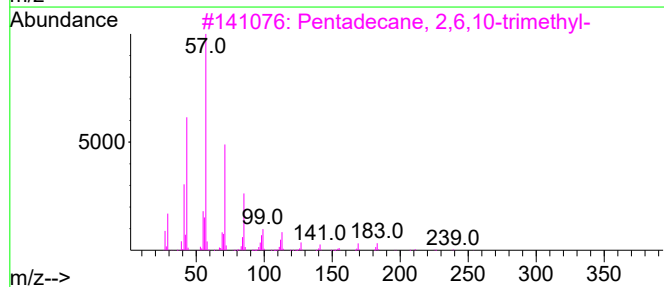
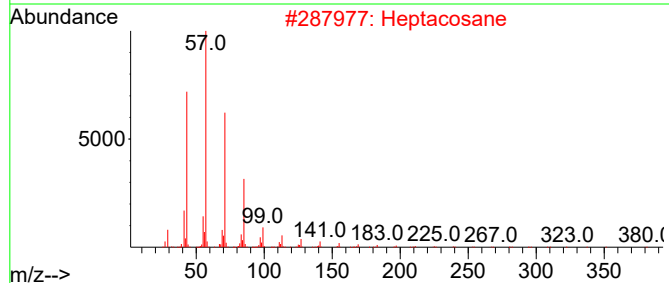
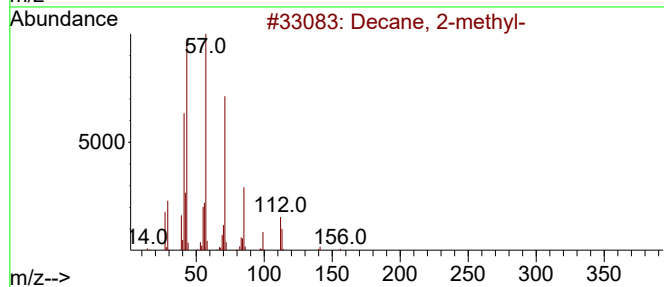
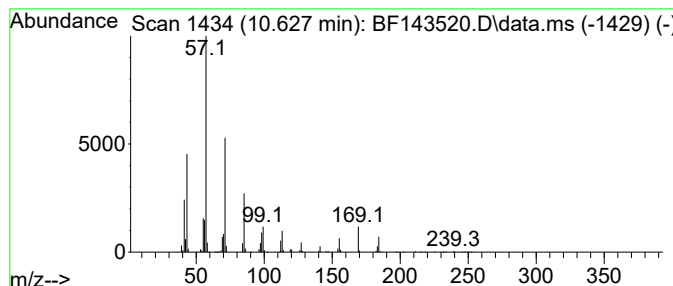
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	96.52 ng	3809360	Acenaphthene-d10	9.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	76
2			Heptacosane	380	C27H56	000593-49-7	72
3			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5			Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

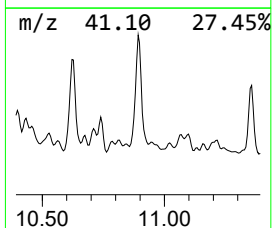
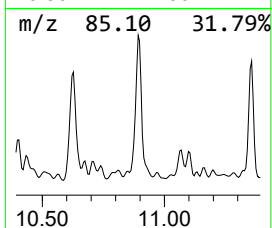
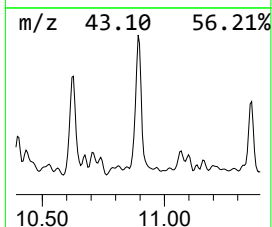
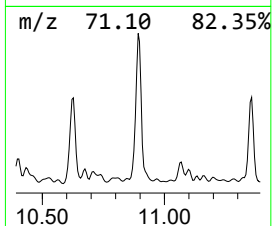
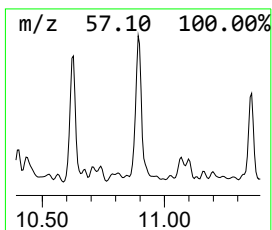
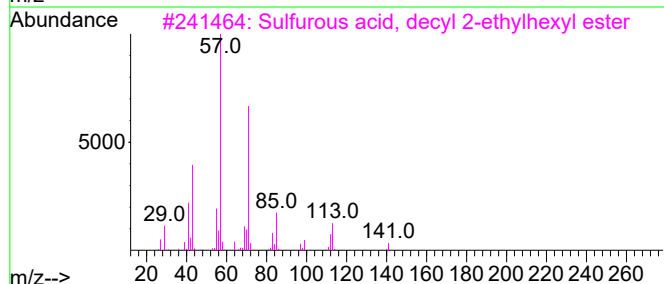
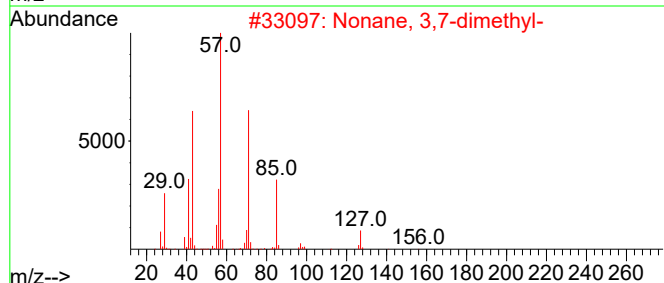
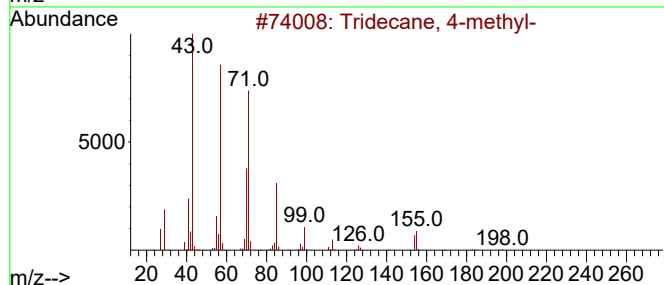
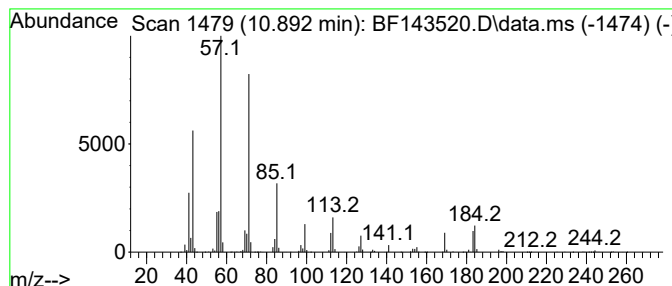
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	146.74 ng	5580460	Phenanthrene-d10	11.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
3		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

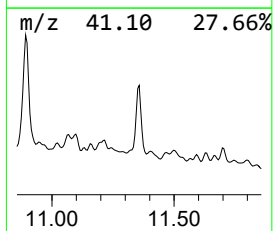
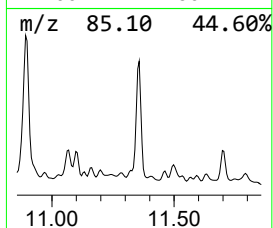
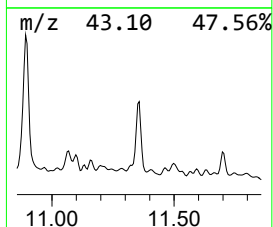
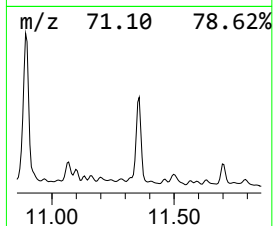
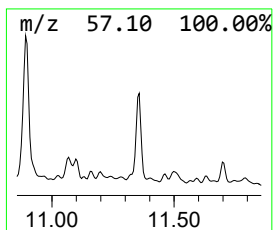
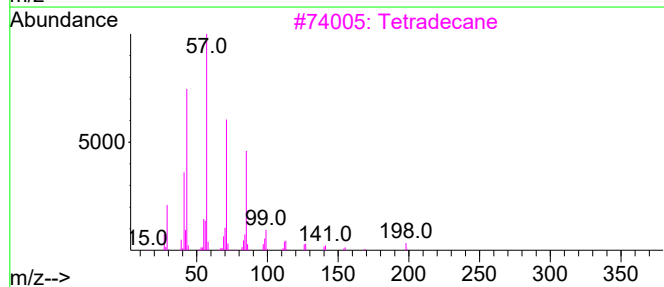
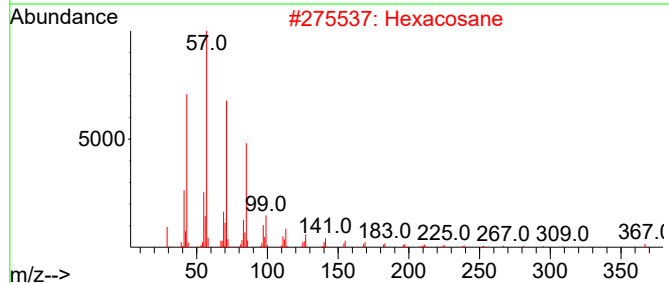
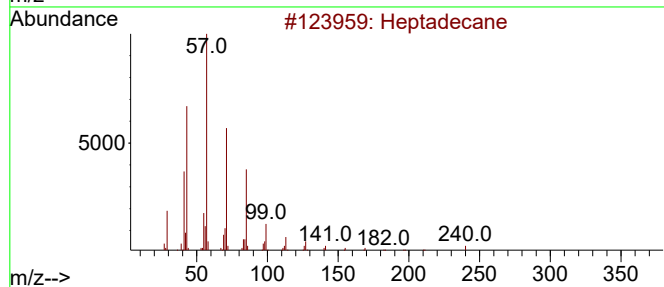
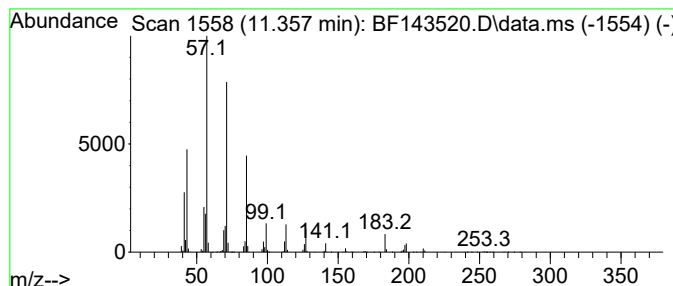
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.357	85.82 ng	3263700	Phenanthrene-d10	11.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

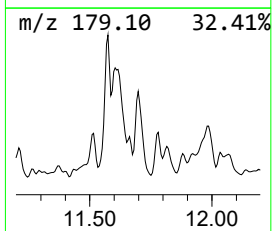
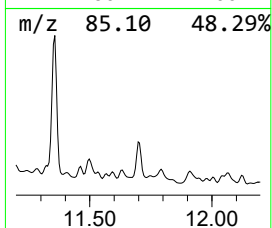
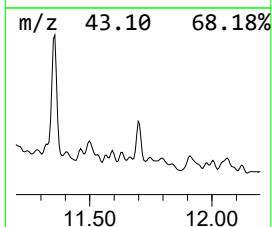
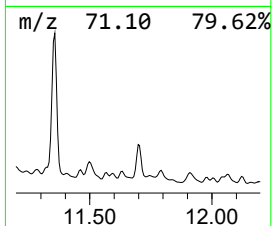
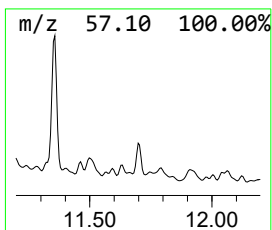
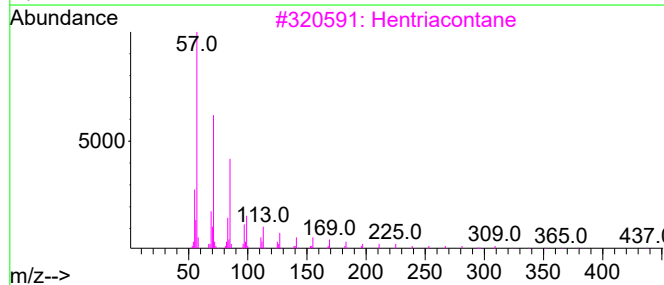
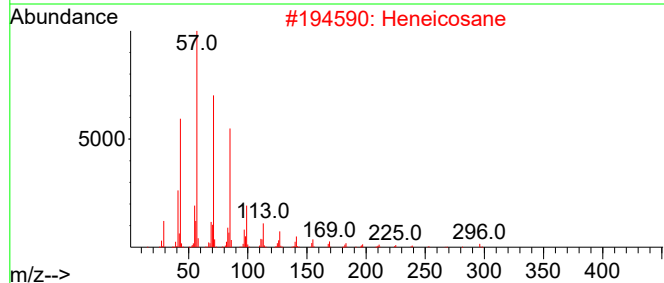
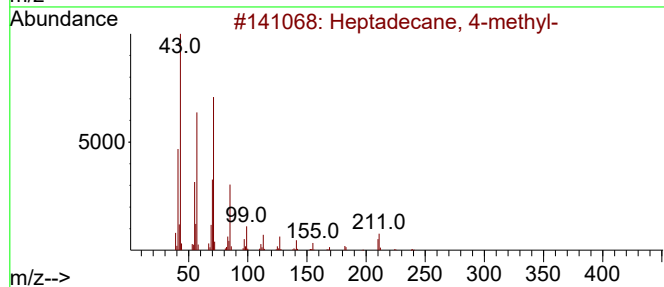
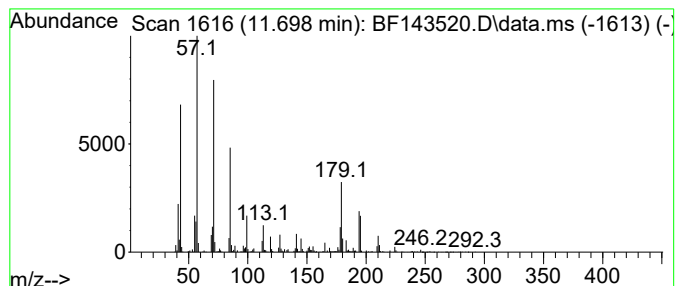
Instrument :
BNA_F
ClientSampleId :
22M-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.698	40.82 ng	1552220	Phenanthrene-d10		11.463	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-		254	C18H38	026429-11-8	68
2	Heneicosane		296	C21H44	000629-94-7	64
3	Hentriacontane		437	C31H64	000630-04-6	64
4	2-Bromotetradecane		276	C14H29Br	074036-95-6	64
5	Hexacosane		366	C26H54	000630-01-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

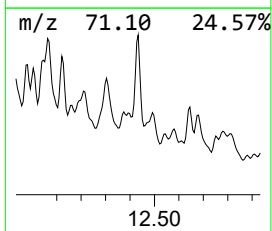
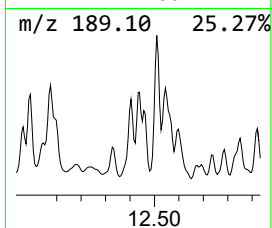
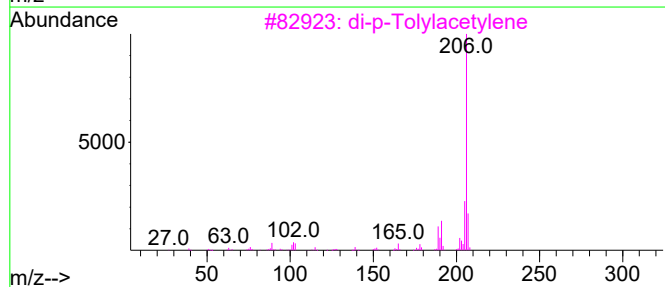
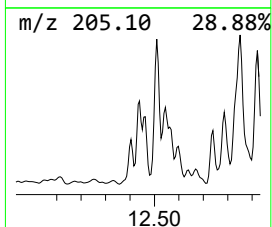
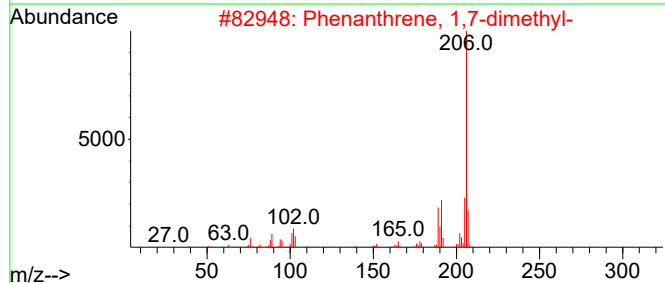
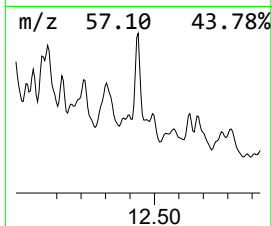
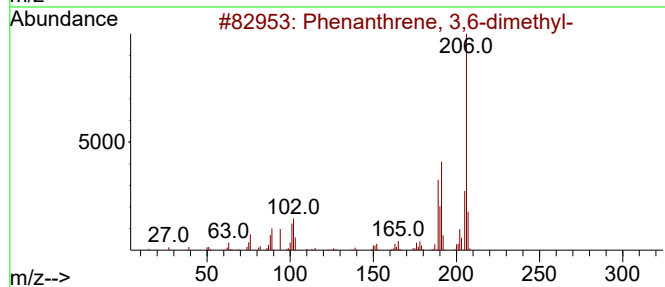
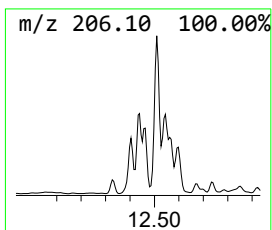
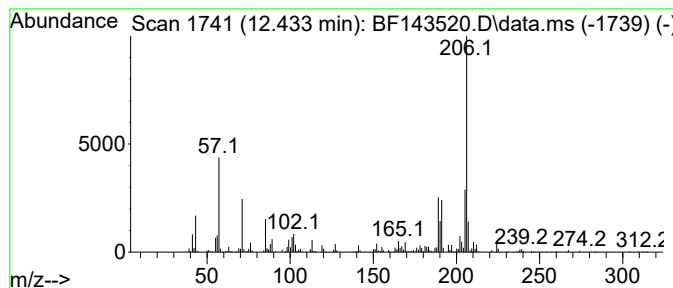
Instrument :
BNA_F
ClientSampleId :
22M-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.433	19.93 ng	758015	Phenanthrene-d10			11.463
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	90
2	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	86
3	di-p-Tolylacetylene		206	C16H14	002789-88-0	81
4	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	68
5	7-Methoxy-6-methyl-2,4-pteridine...		206	C8H10N6O	343347-40-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

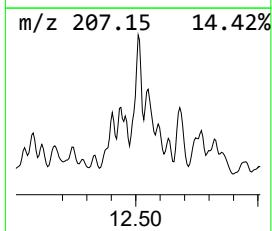
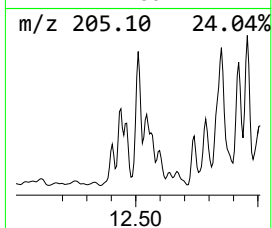
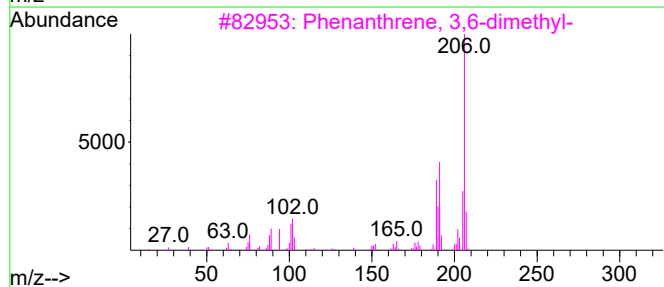
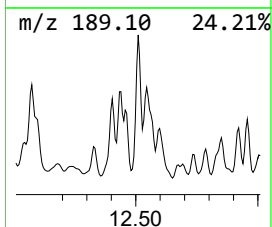
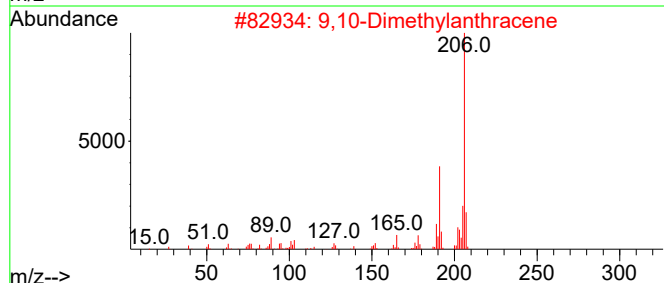
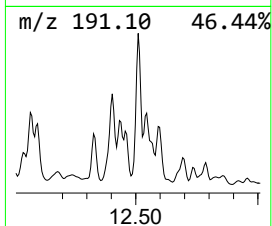
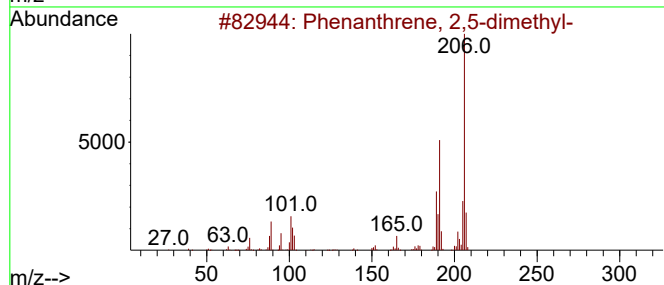
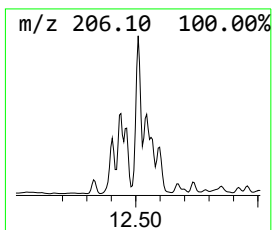
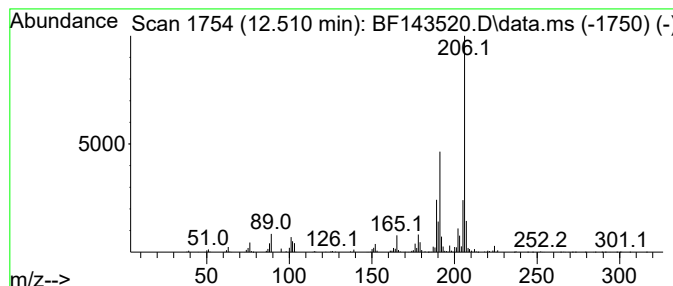
Instrument :
BNA_F
ClientSampleId :
22M-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.510	14.73 ng	560057	Phenanthrene-d10		11.463	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene		206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143520.D
Acq On : 21 Aug 2025 10:20
Operator : RC/JU
Sample : Q2820-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22M-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.257	16.5	ng	1153360	1	6.928	1399500	20.0
Undecane, 2,6-d...	8.275	17.0	ng	1721420	2	8.210	2029510	20.0
unknown8.504	8.504	17.8	ng	1808330	2	8.210	2029510	20.0
Decane, 2,6,7-t...	8.633	46.1	ng	4678030	2	8.210	2029510	20.0
Tridecane	8.804	12.8	ng	1297710	2	8.210	2029510	20.0
Tetratetracontane	8.898	13.9	ng	1412970	2	8.210	2029510	20.0
Carbonic acid, ...	9.092	14.2	ng	1438080	2	8.210	2029510	20.0
Tridecane, 2-me...	9.169	17.5	ng	691220	3	9.975	789380	20.0
Tridecane, 3-me...	9.210	24.7	ng	974190	3	9.975	789380	20.0
unknown9.375	9.375	103.6	ng	4089110	3	9.975	789380	20.0
Sulfurous acid,...	9.692	157.4	ng	6212490	3	9.975	789380	20.0
7-Hexadecene, (Z)-	9.845	20.0	ng	789380	3	9.975	789380	20.0
Methoxyacetic a...	10.227	74.2	ng	2930370	3	9.975	789380	20.0
Naphthalene, 2,...	10.292	25.4	ng	1004370	3	9.975	789380	20.0
Decane, 2-methyl-	10.627	96.5	ng	3809360	3	9.975	789380	20.0
Tridecane, 4-me...	10.892	146.7	ng	5580460	4	11.463	760582	20.0
Heptadecane	11.357	85.8	ng	3263700	4	11.463	760582	20.0
Heptadecane, 4-...	11.698	40.8	ng	1552220	4	11.463	760582	20.0
Phenanthrene, 3...	12.433	19.9	ng	758015	4	11.463	760582	20.0
Phenanthrene, 2...	12.510	14.7	ng	560057	4	11.463	760582	20.0