

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142149.D
 Acq On : 28 Mar 2025 03:06
 Operator : RC/JU
 Sample : Q1634-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-032425

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142149.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	4	13	rVB	366057	419154	10.03%	0.653%
2	5.075	498	507	517	rBV	79527	119556	2.86%	0.186%
3	5.481	568	576	588	rBV	1001780	1345294	32.20%	2.097%
4	6.398	729	732	735	rBV3	32237	44065	1.05%	0.069%
5	6.493	740	748	755	rBV	949919	1343363	32.15%	2.094%
6	6.551	755	758	763	rVB2	27855	42198	1.01%	0.066%
7	6.610	763	768	773	rBV3	26758	52542	1.26%	0.082%
8	6.704	780	784	791	rBV2	124274	172357	4.13%	0.269%
9	6.869	803	812	819	rBV	672194	963952	23.07%	1.502%
10	6.928	819	822	826	rVB	73707	92346	2.21%	0.144%
11	7.016	834	837	841	rBV2	72474	89983	2.15%	0.140%
12	7.145	848	859	862	rBV3	182231	359578	8.61%	0.560%
13	7.187	862	866	873	rVB3	158318	316787	7.58%	0.494%
14	7.263	873	879	883	rBV4	208554	328433	7.86%	0.512%
15	7.351	889	894	898	rBV2	46958	94698	2.27%	0.148%
16	7.404	898	903	904	rBV	279219	346430	8.29%	0.540%
17	7.428	904	907	911	rVV	640219	933416	22.34%	1.455%
18	7.463	911	913	917	rVB	410333	456707	10.93%	0.712%
19	7.516	917	922	926	rBV4	229076	353086	8.45%	0.550%
20	7.557	926	929	931	rBV3	112937	158019	3.78%	0.246%
21	7.645	940	944	945	rBV	91361	113315	2.71%	0.177%
22	7.675	945	949	958	rVB2	370550	694471	16.62%	1.082%
23	7.775	958	966	967	rBV4	255138	530518	12.70%	0.827%
24	7.798	967	970	973	rVV3	180196	227861	5.45%	0.355%
25	7.834	973	976	979	rVB4	182140	224240	5.37%	0.349%
26	7.892	979	986	993	rBV5	414427	1081682	25.89%	1.686%
27	7.945	993	995	996	rBV	82339	70941	1.70%	0.111%
28	7.969	997	999	1001	rVV2	87677	72863	1.74%	0.114%
29	7.992	1001	1003	1006	rVB	182576	162623	3.89%	0.253%
30	8.022	1006	1008	1011	rVB	172295	164187	3.93%	0.256%
31	8.057	1011	1014	1017	rBV	153618	177135	4.24%	0.276%
32	8.139	1017	1028	1036	rBV4	1269772	3665202	87.73%	5.712%
33	8.210	1036	1040	1043	rVB2	504593	732275	17.53%	1.141%
34	8.239	1043	1045	1052	rVB4	225498	343188	8.21%	0.535%
35	8.328	1053	1060	1061	rBV4	221991	416067	9.96%	0.648%
36	8.351	1061	1064	1068	rVB2	372463	452110	10.82%	0.705%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142149.D
 Acq On : 28 Mar 2025 03:06
 Operator : RC/JU
 Sample : Q1634-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-032425

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.398	1069	1072	1075	rBV3	170377	236326	5.66%	0.368%
38	8.445	1075	1080	1086	rBV6	528865	828988	19.84%	1.292%
39	8.498	1086	1089	1092	rBV3	219536	247261	5.92%	0.385%
40	8.534	1092	1095	1098	rBV3	357846	419737	10.05%	0.654%
41	8.569	1098	1101	1104	rBV	390143	472508	11.31%	0.736%
42	8.657	1112	1116	1120	rBV2	776619	1008893	24.15%	1.572%
43	8.745	1126	1131	1135	rBV	1396892	1849954	44.28%	2.883%
44	8.816	1140	1143	1146	rVV2	194360	269526	6.45%	0.420%
45	8.904	1155	1158	1160	rBV2	174699	217668	5.21%	0.339%
46	8.975	1167	1170	1174	rBV3	724182	897982	21.49%	1.399%
47	9.104	1188	1192	1197	rVB3	456404	766306	18.34%	1.194%
48	9.175	1200	1204	1209	rVV4	633445	1015663	24.31%	1.583%
49	9.228	1209	1213	1217	rVB	1154755	1393053	33.34%	2.171%
50	9.310	1222	1227	1231	rBV	1893296	2508444	60.04%	3.909%
51	9.381	1236	1239	1250	rVB	607659	1023383	24.49%	1.595%
52	9.563	1264	1270	1272	rBV5	426265	918061	21.97%	1.431%
53	9.628	1277	1281	1284	rVV3	1122858	1842429	44.10%	2.871%
54	9.686	1288	1291	1295	rVB2	534818	657744	15.74%	1.025%
55	9.839	1313	1317	1321	rVB	1978170	2426769	58.08%	3.782%
56	9.910	1326	1329	1333	rVB	747142	914368	21.89%	1.425%
57	10.016	1344	1347	1351	rVB	218298	266587	6.38%	0.415%
58	10.075	1352	1357	1358	rBV2	404725	591256	14.15%	0.921%
59	10.163	1368	1372	1375	rBV4	527685	759672	18.18%	1.184%
60	10.233	1380	1384	1389	rBV5	239451	517500	12.39%	0.807%
61	10.339	1397	1402	1409	rBV	2198968	3065455	73.37%	4.777%
62	10.557	1434	1439	1445	rBV	1007123	1656498	39.65%	2.582%
63	10.698	1457	1463	1466	rVB3	459754	836580	20.02%	1.304%
64	10.816	1478	1483	1491	rVB	2472129	4177976	100.00%	6.511%
65	11.004	1512	1515	1517	rBV	247899	318825	7.63%	0.497%
66	11.263	1554	1559	1562	rBV	1843391	2563014	61.35%	3.994%
67	11.292	1562	1564	1570	rVB	936848	1106034	26.47%	1.724%
68	11.398	1578	1582	1586	rBV	713735	979404	23.44%	1.526%
69	11.639	1620	1623	1627	rVB2	219979	268127	6.42%	0.418%
70	11.686	1627	1631	1636	rBV	1572098	1916567	45.87%	2.987%
71	12.092	1696	1700	1705	rVB	1295718	1576669	37.74%	2.457%
72	12.375	1745	1748	1756	rVB	193959	279062	6.68%	0.435%
73	12.480	1762	1766	1771	rVB	1030844	1258716	30.13%	1.962%
74	12.851	1825	1829	1834	rVB2	725760	977861	23.41%	1.524%
75	12.980	1846	1851	1860	rVB	1068704	1482694	35.49%	2.311%
76	13.210	1886	1890	1897	rBV	421110	534294	12.79%	0.833%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.551	1944	1948	1952	rBV	266503	347574	8.32%	0.542%
78	13.880	2001	2004	2013	rVB2	165441	235895	5.65%	0.368%
79	14.033	2026	2030	2043	rVB	520226	750952	17.97%	1.170%
80	15.515	2278	2282	2291	rVB	345829	622662	14.90%	0.970%

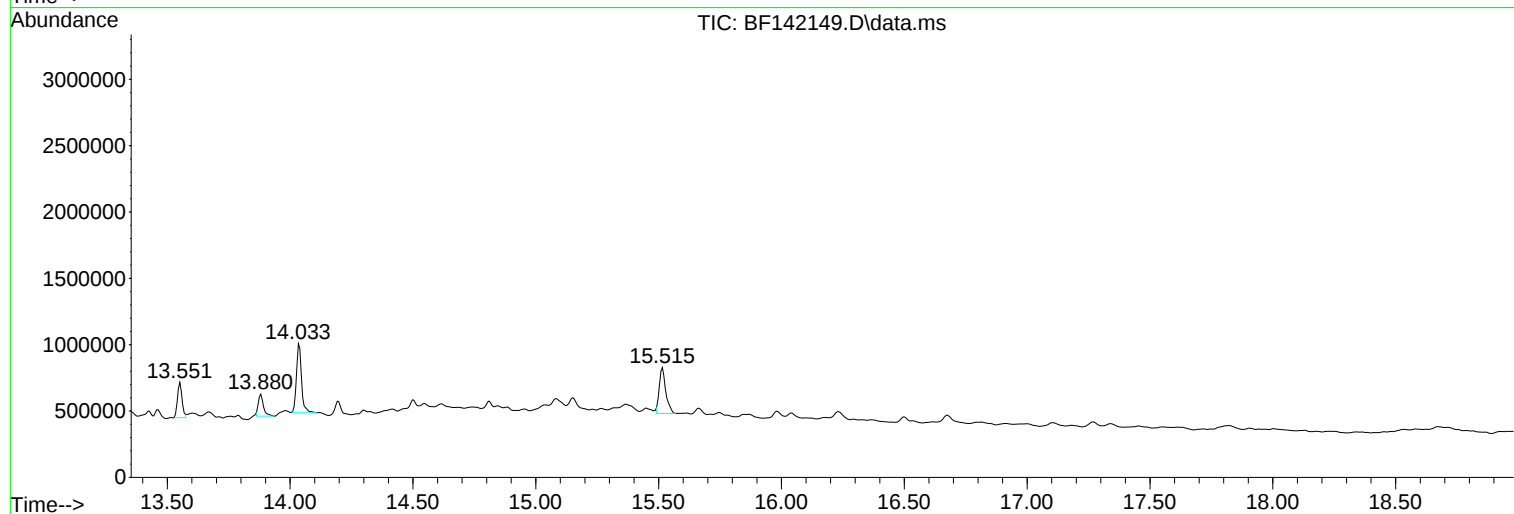
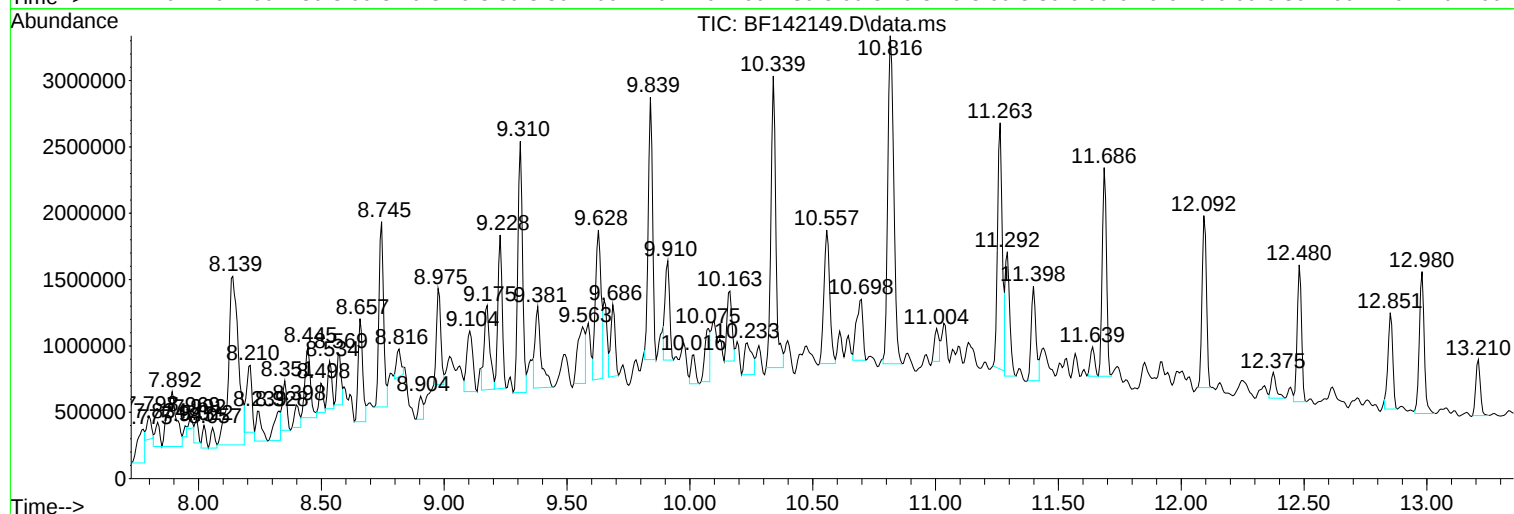
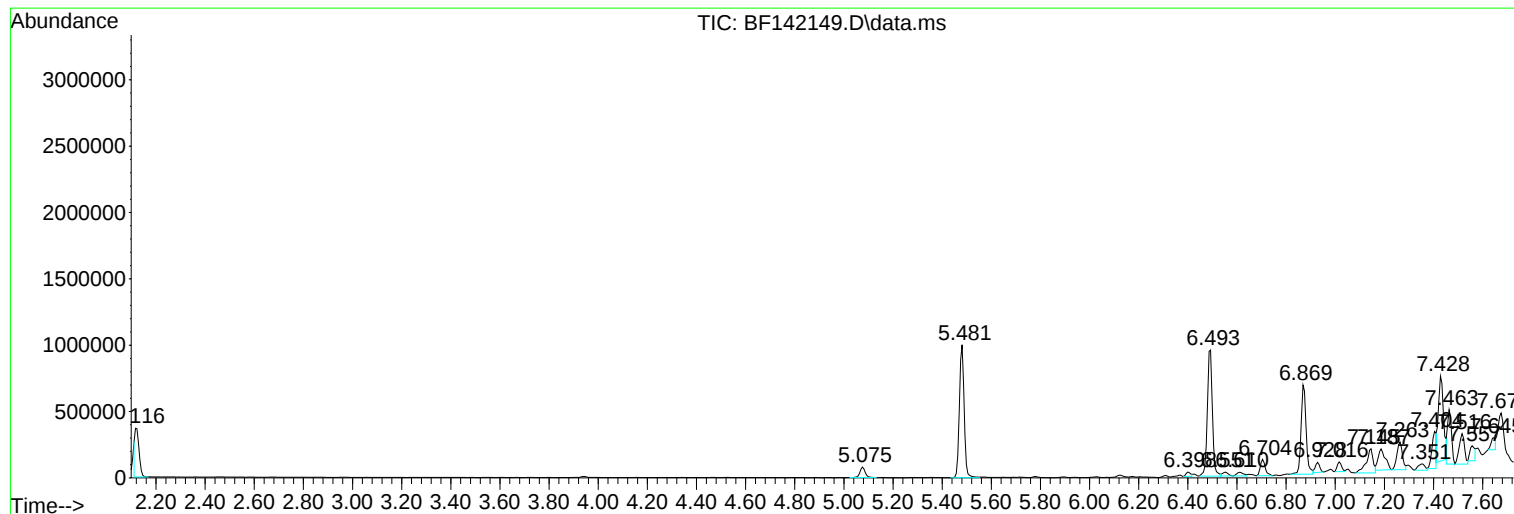
Sum of corrected areas: 64165579

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

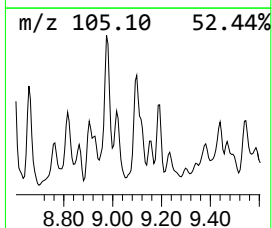
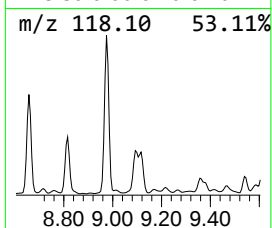
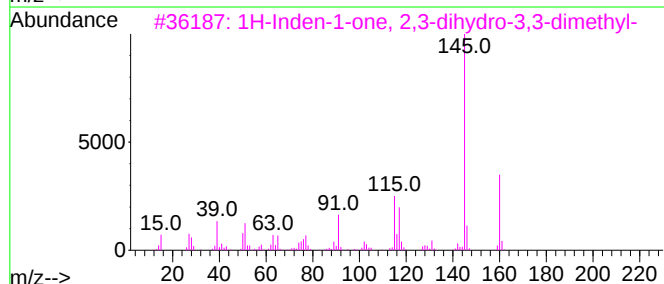
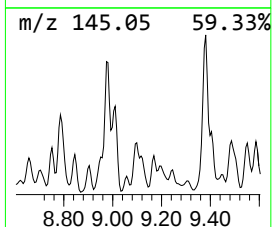
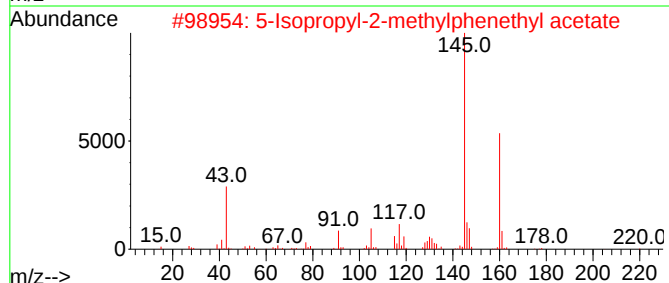
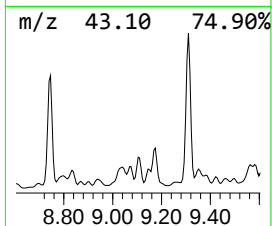
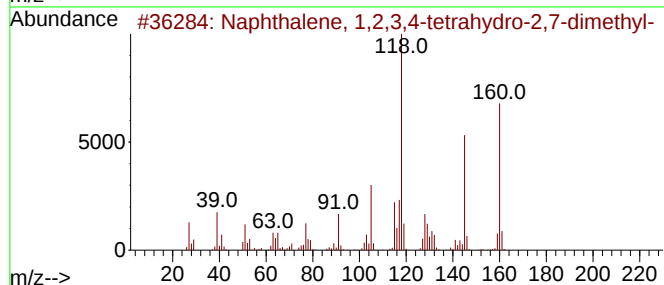
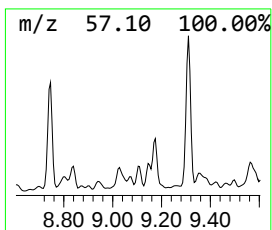
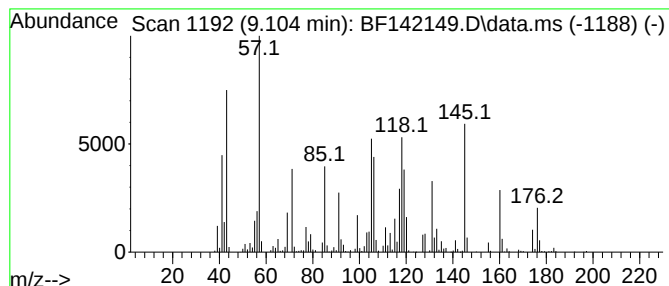
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown9.104 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	16.76 ng	766306	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	14
2			5-Isopropyl-2-methylphenethyl ac...	220	C14H20O2	027913-43-5	14
3			1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	11
4			8-Hydroxyquinoline	145	C9H7NO	000148-24-3	11
5			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

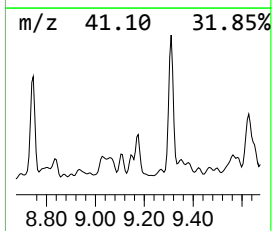
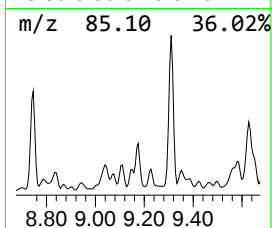
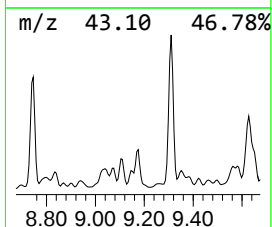
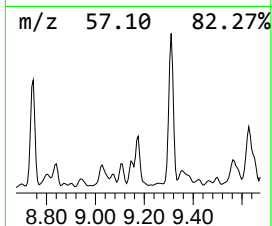
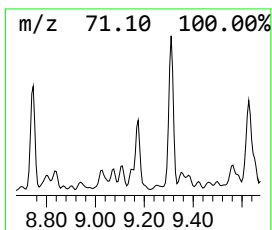
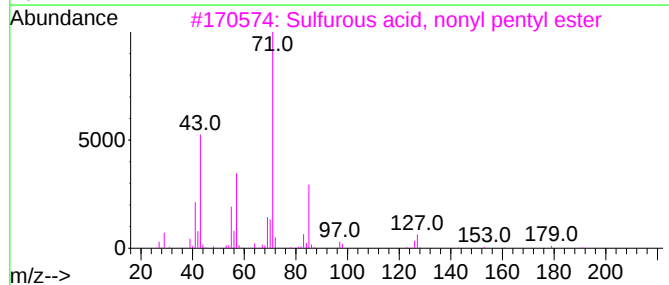
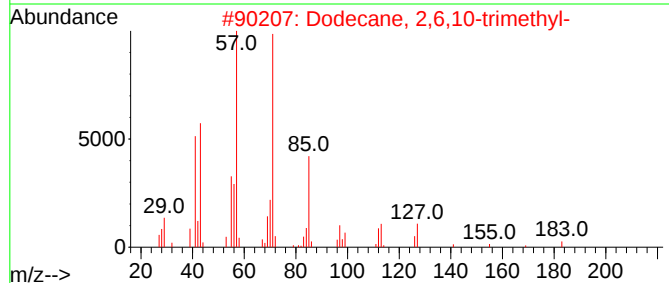
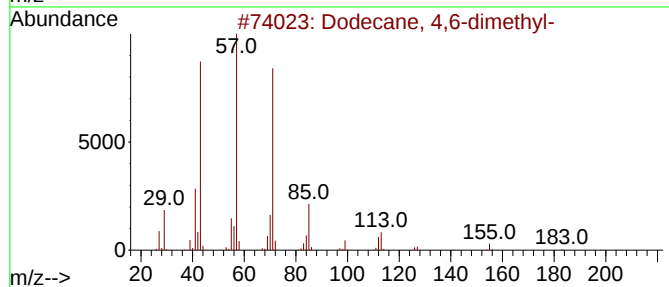
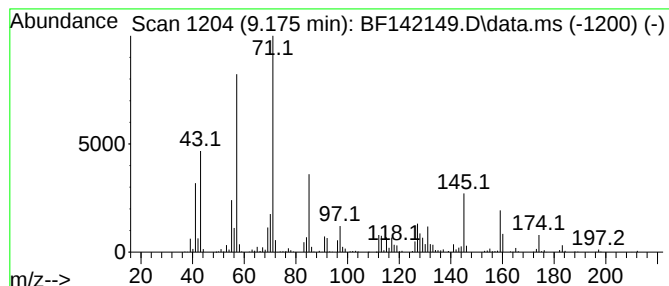
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dodecane, 4,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	22.22 ng	1015660	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	55
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
3			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	43
4			Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	38
5			3-Bromooctane	192	C8H17Br	000999-64-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

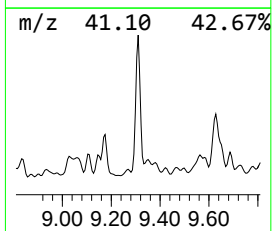
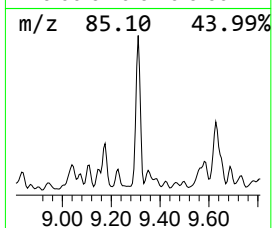
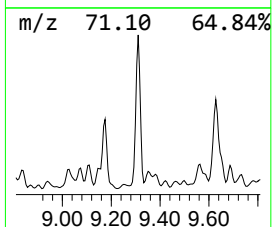
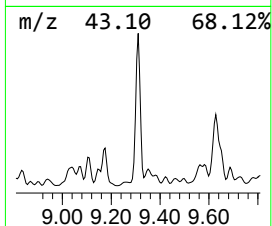
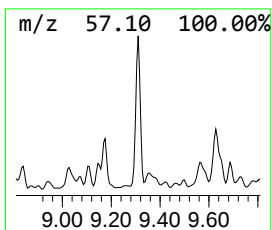
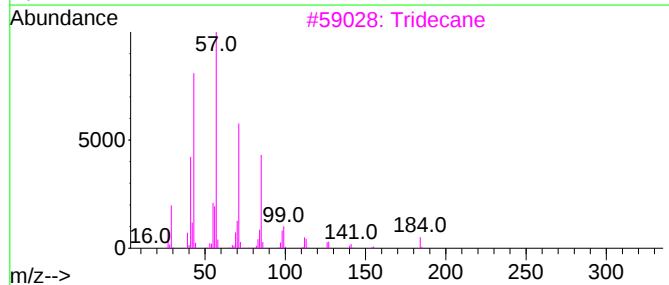
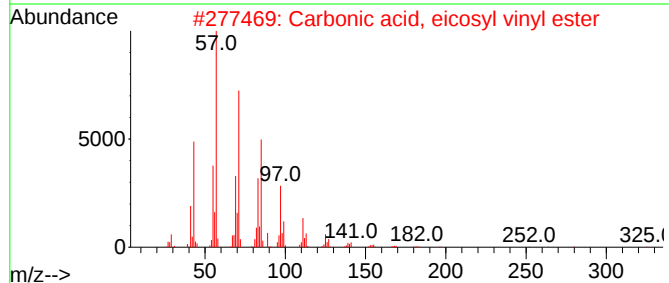
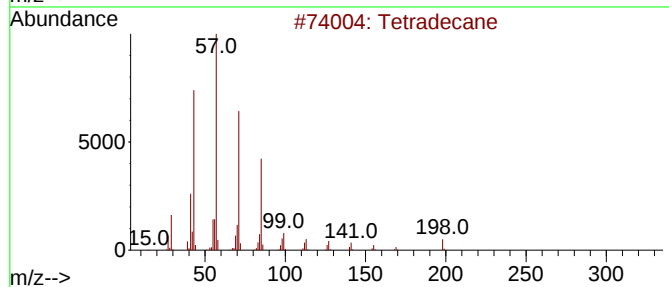
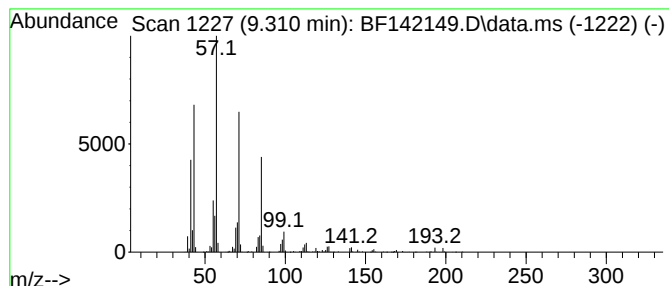
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	54.87 ng	2508440	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

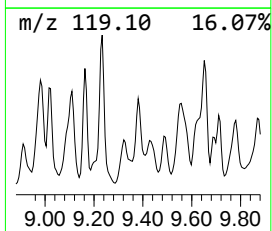
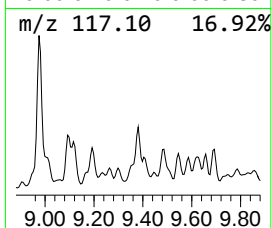
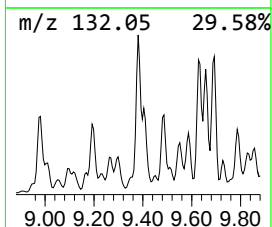
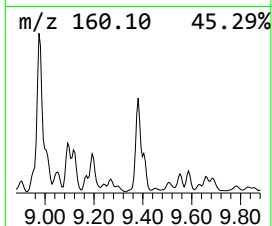
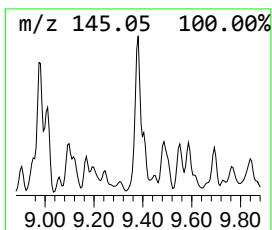
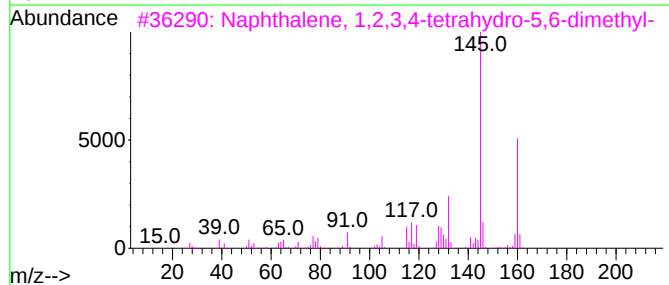
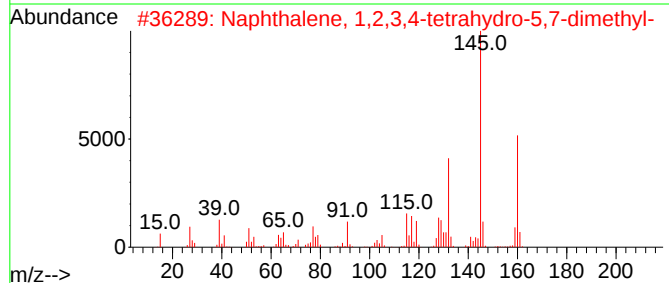
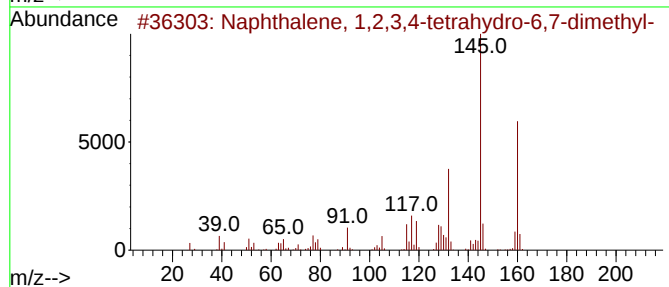
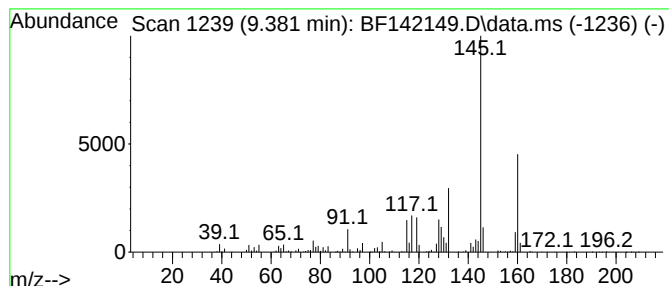
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	22.38 ng	1023380	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	95
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

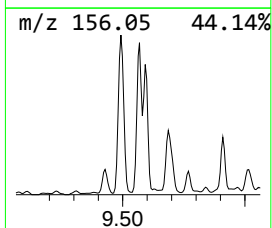
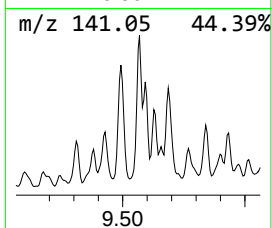
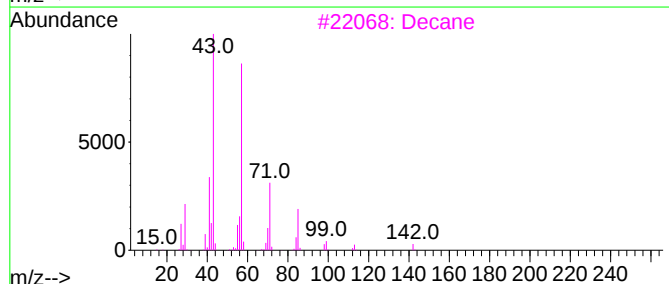
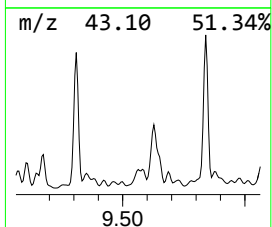
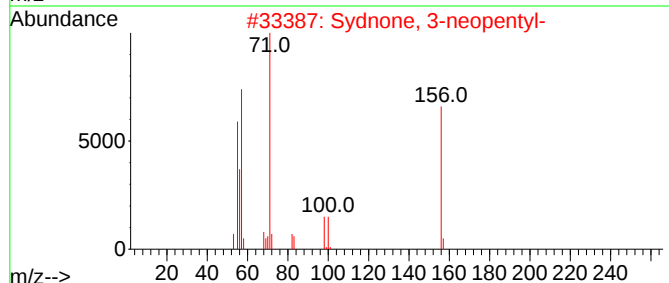
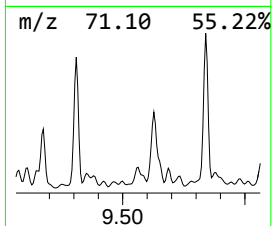
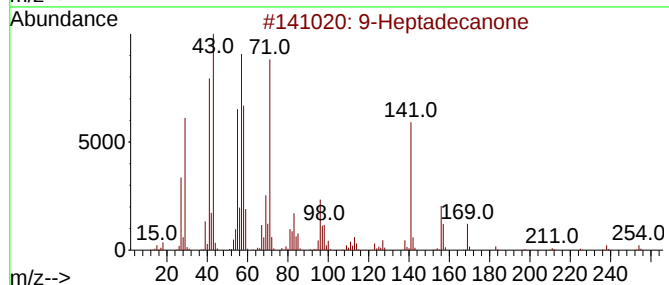
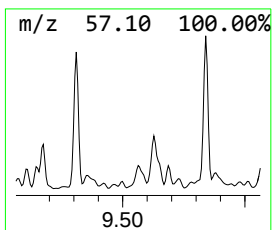
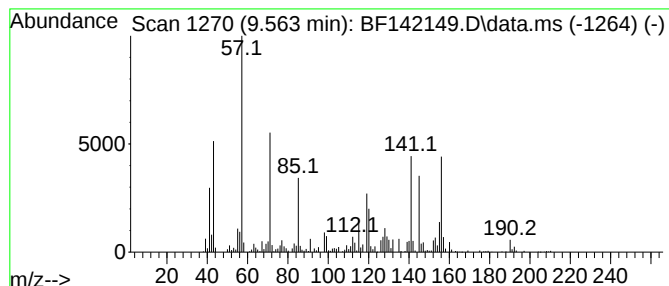
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.563 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	20.08 ng	918061	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Heptadecanone	254	C17H34O	000540-08-9	27
2			Sydnone, 3-neopentyl-	156	C7H12N2O2	026537-48-4	27
3			Decane	142	C10H22	000124-18-5	20
4			4-Octanone	128	C8H16O	000589-63-9	18
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

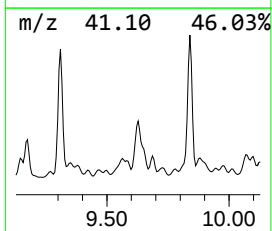
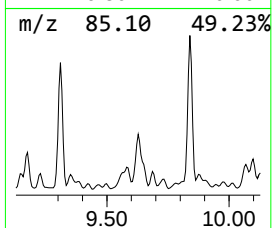
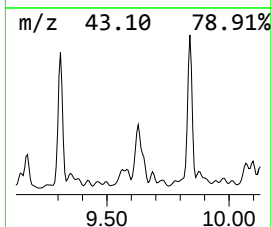
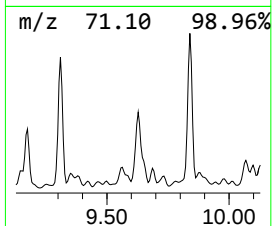
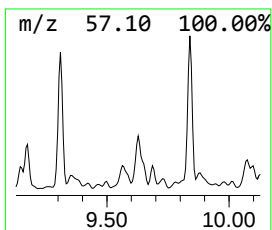
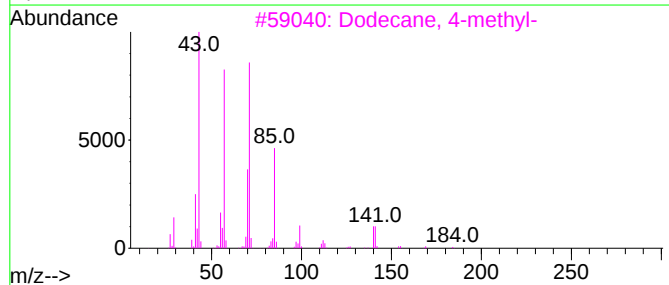
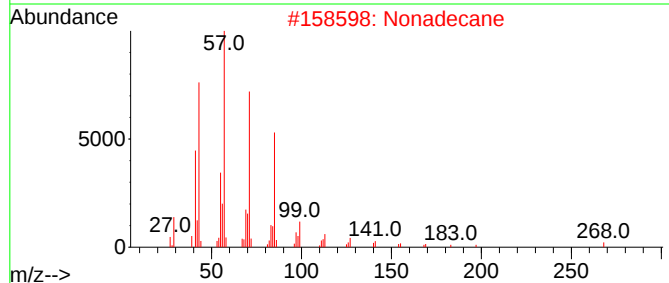
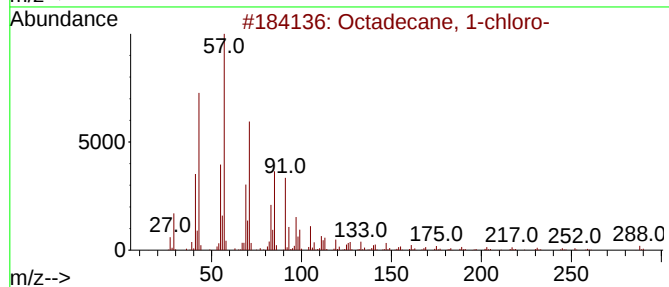
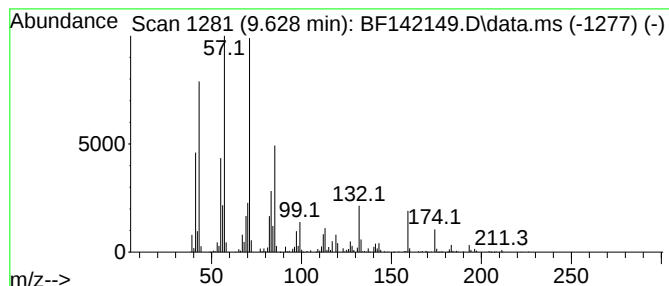
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	40.30 ng	1842430	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
2			Nonadecane	268	C19H40	000629-92-5	58
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
4			Hexadecane	226	C16H34	000544-76-3	52
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

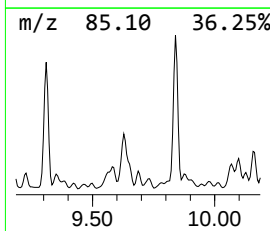
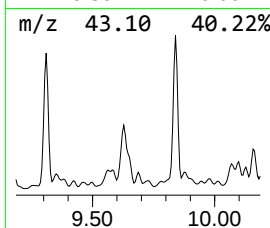
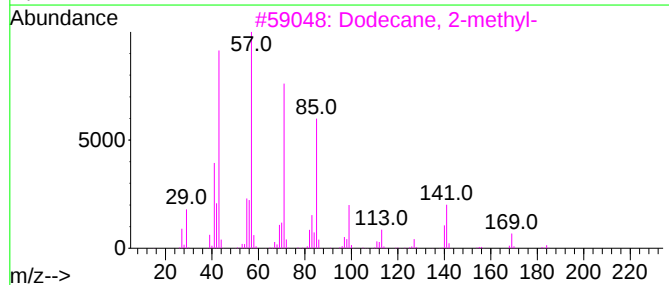
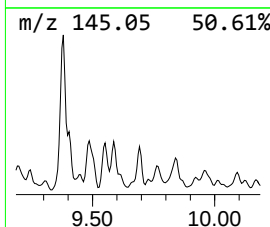
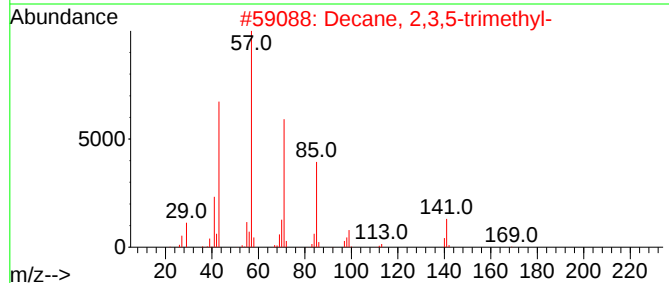
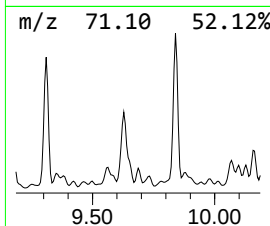
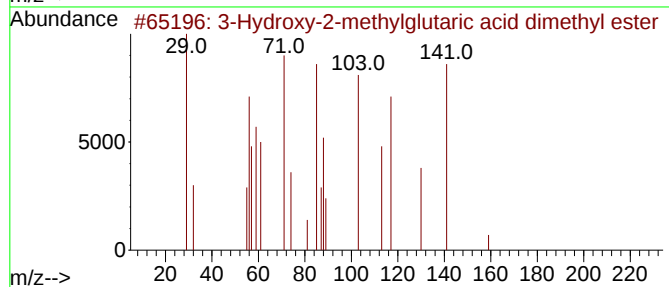
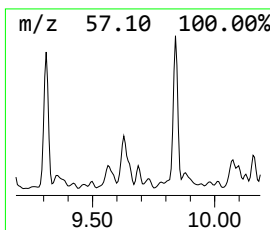
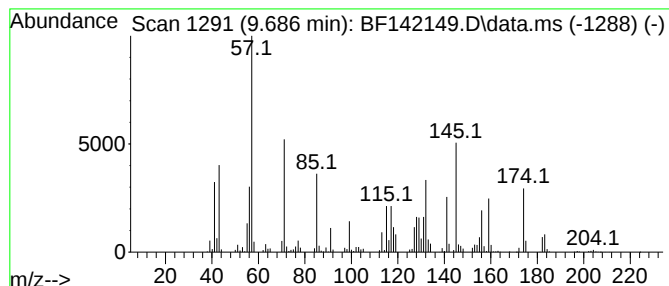
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.686 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	14.39 ng	657744	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hydroxy-2-methylglutaric acid ...	190	C8H14O5	085547-41-7	22
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	14
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	14
4			8-Hydroxyquinoline	145	C9H7NO	000148-24-3	11
5			2-Butene, 1-butoxy-3-methyl-	142	C9H18O	022094-02-6	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

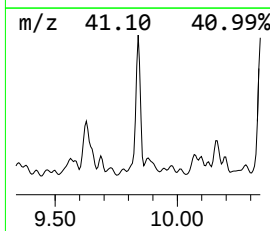
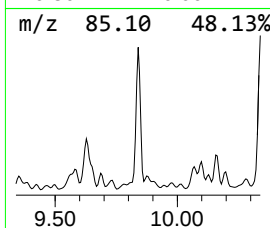
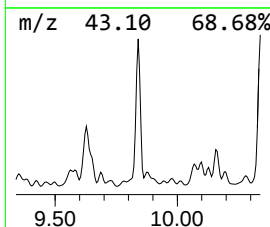
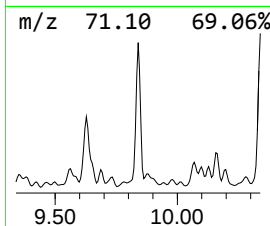
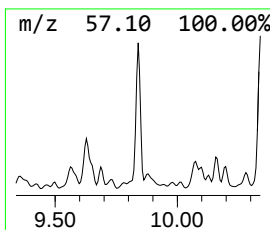
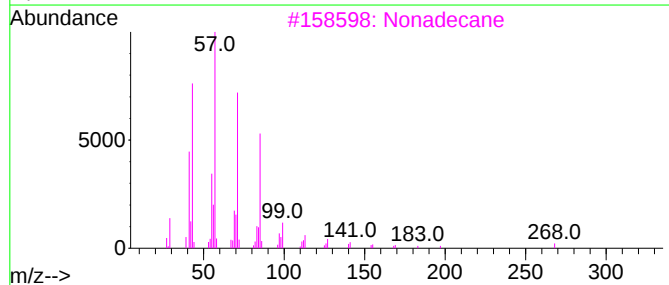
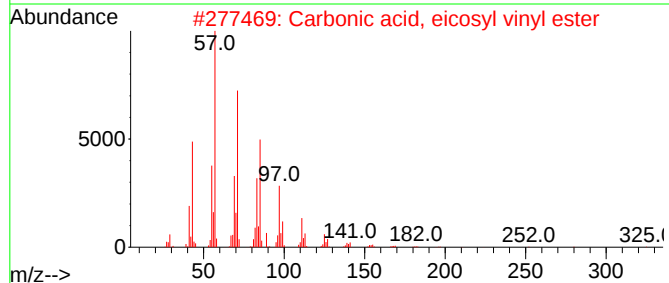
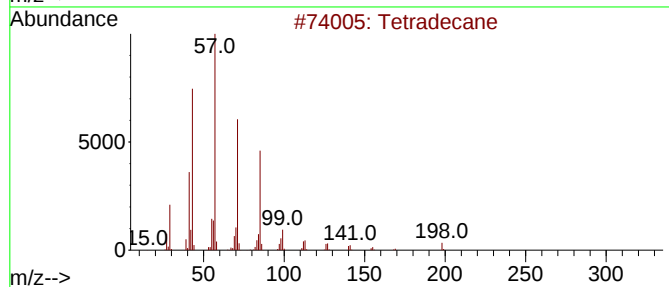
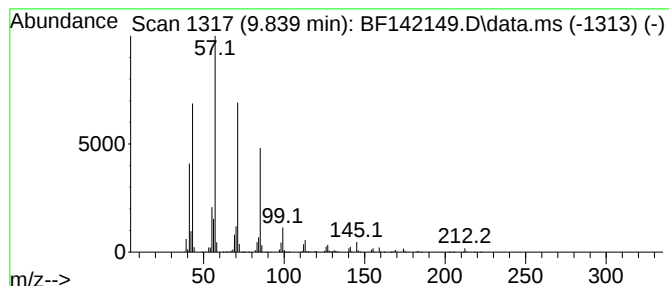
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Carbonic acid, eicosyl vinyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	53.08 ng	2426770	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Hexadecane	226	C16H34	000544-76-3	86
5			Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

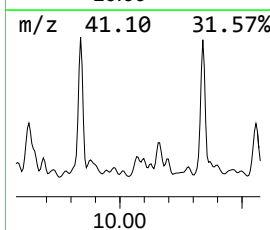
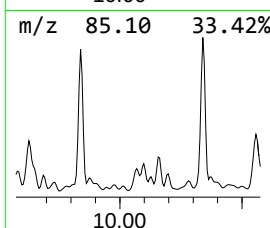
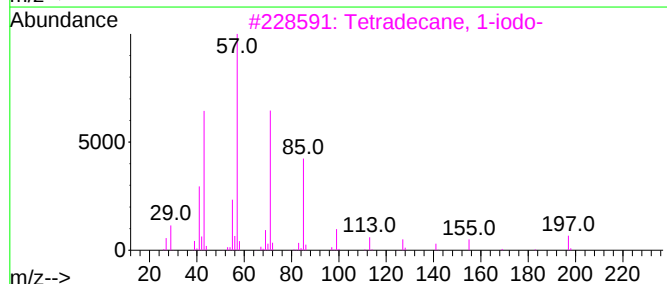
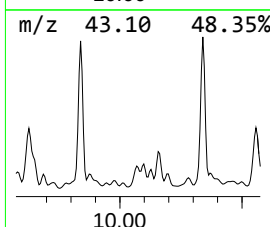
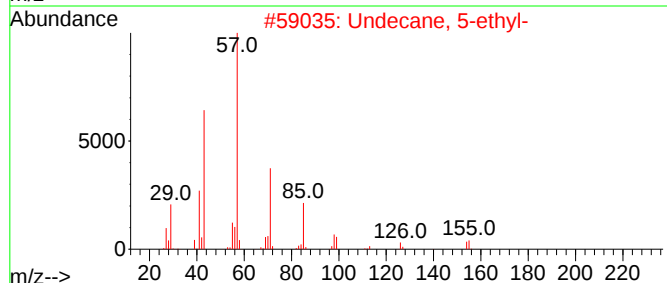
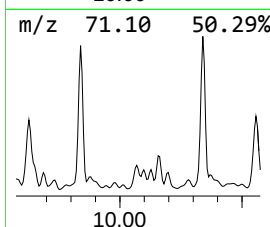
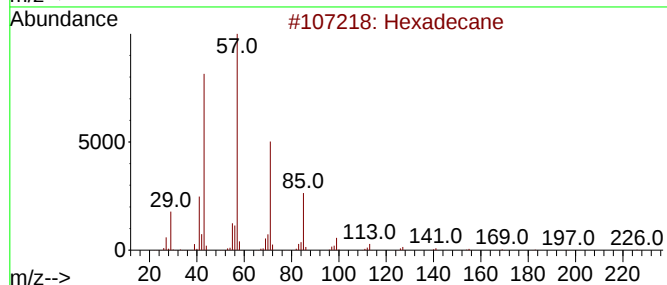
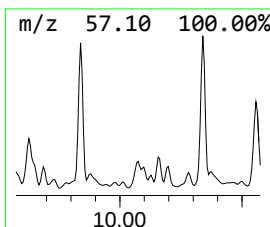
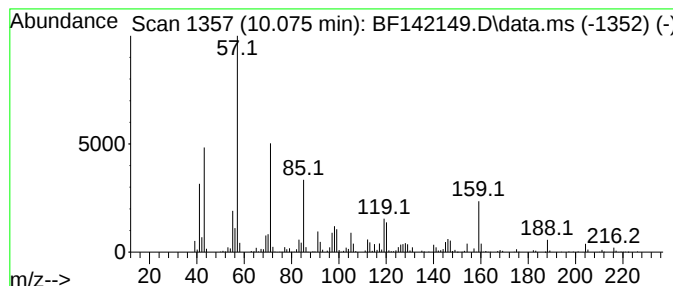
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	12.93 ng	591256	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	78
2			Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	47
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

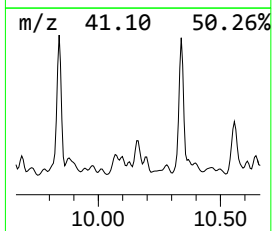
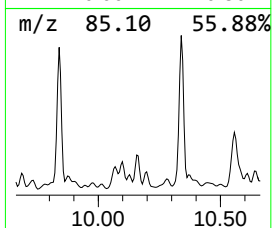
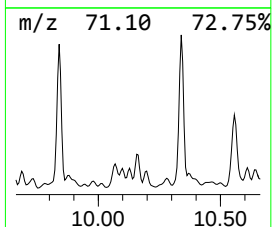
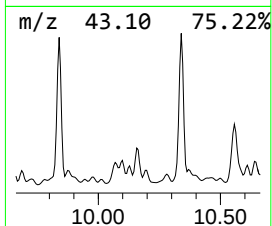
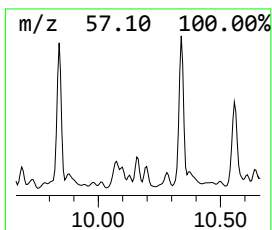
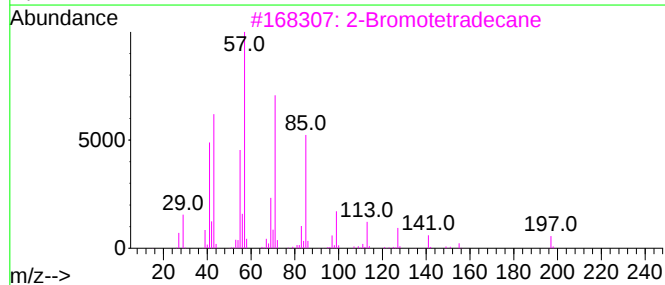
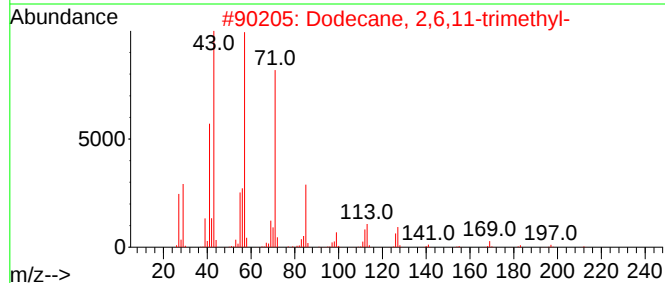
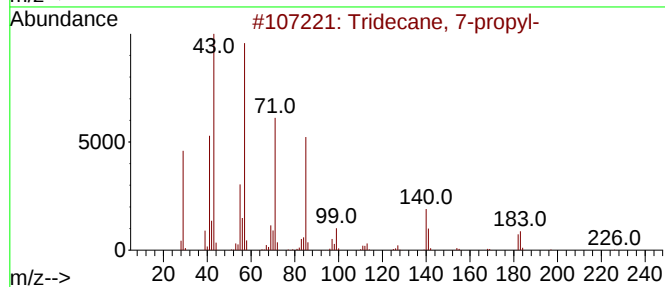
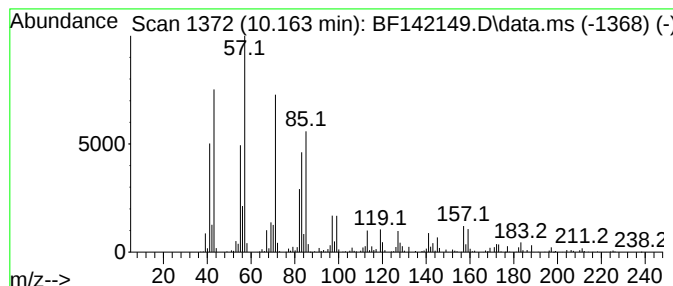
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 7-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	16.62 ng	759672	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	62
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	60
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	53
4			Tetracosane	338	C24H50	000646-31-1	53
5			Pentadecane	212	C15H32	000629-62-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

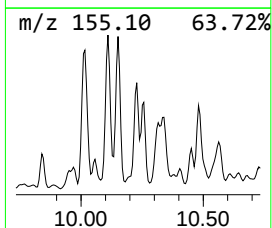
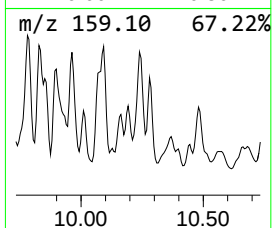
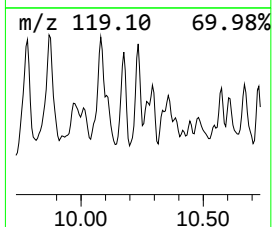
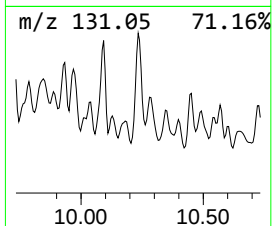
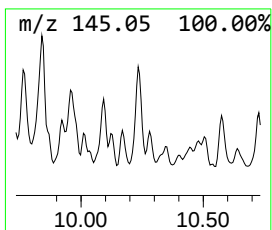
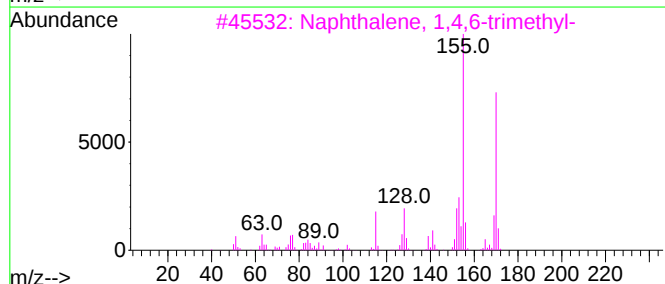
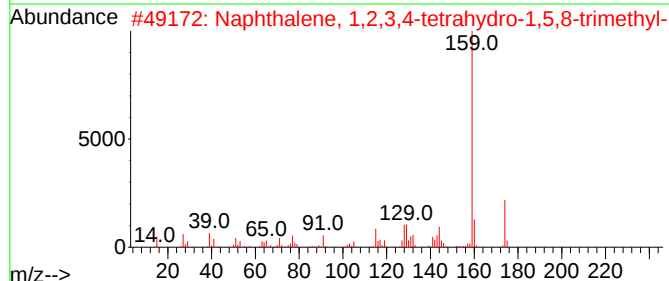
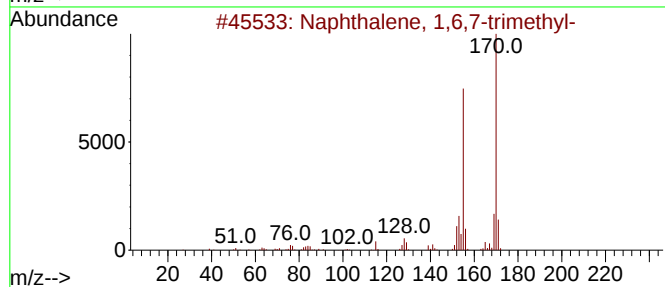
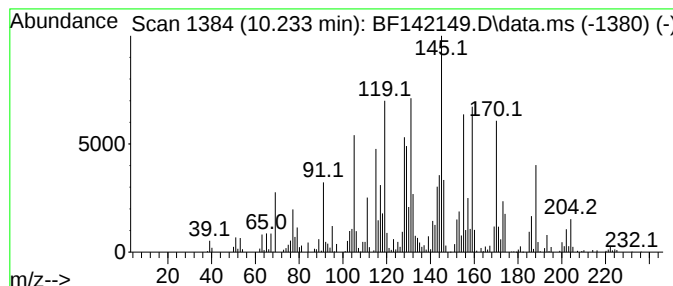
Instrument :
BNA_F
ClientSampleId :
HR-04-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	11.32 ng	517500	Acenaphthene-d10	9.910
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 76
2		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	021693-51-6 70
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 56
4		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 53
5		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

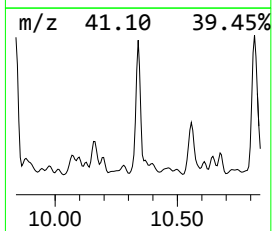
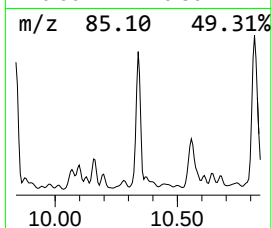
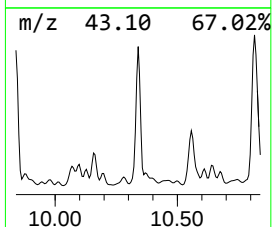
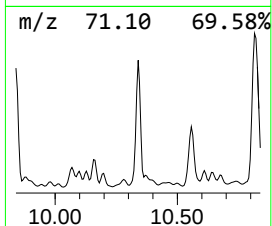
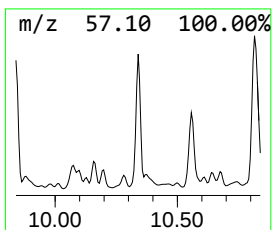
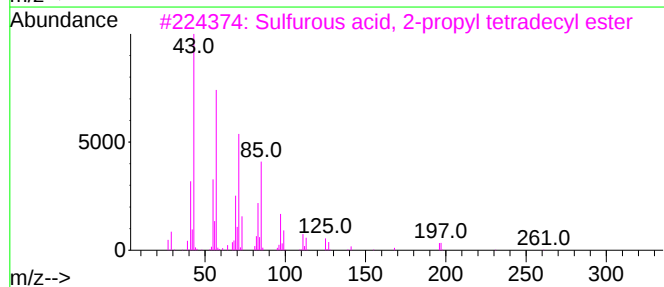
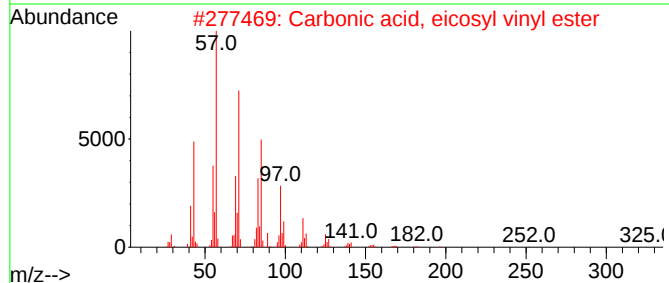
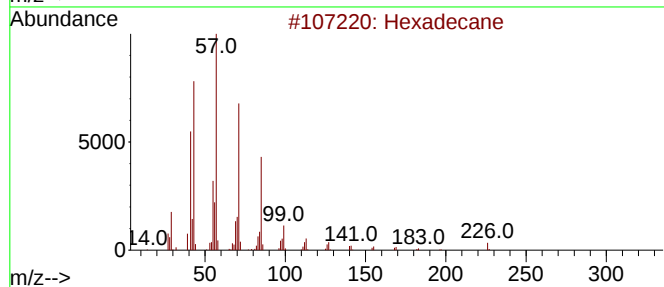
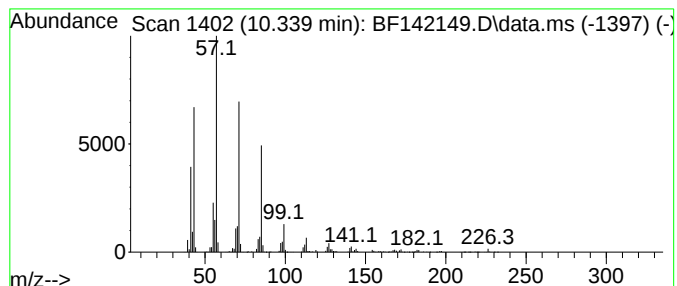
Instrument :
BNA_F
ClientSampleId :
HR-04-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Sulfurous acid, 2-propyl te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.339	67.05 ng	3065460	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

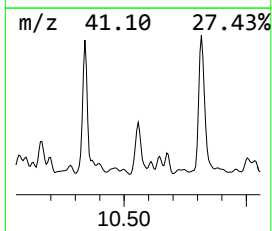
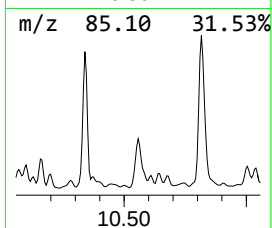
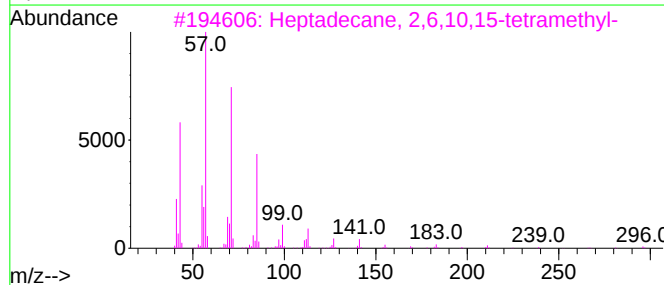
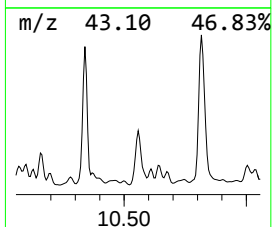
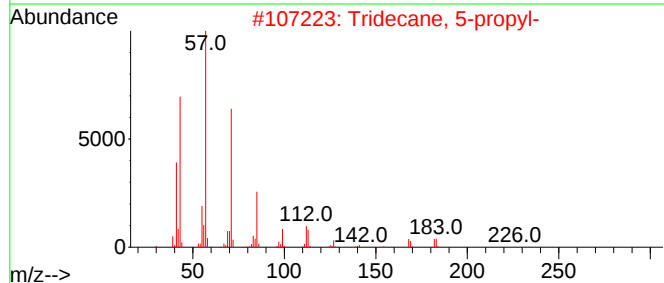
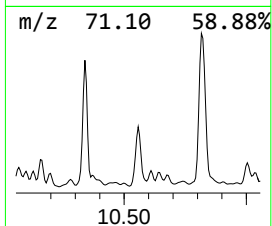
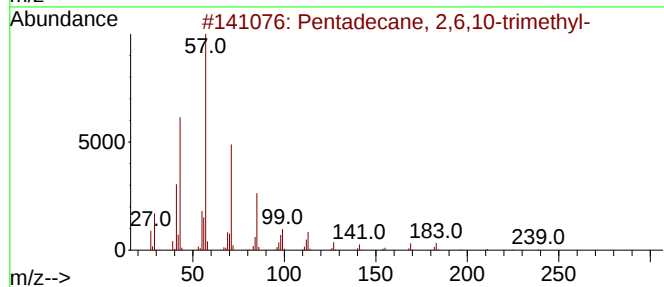
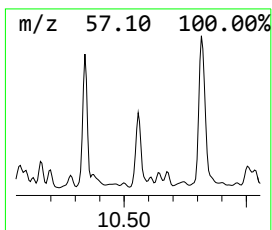
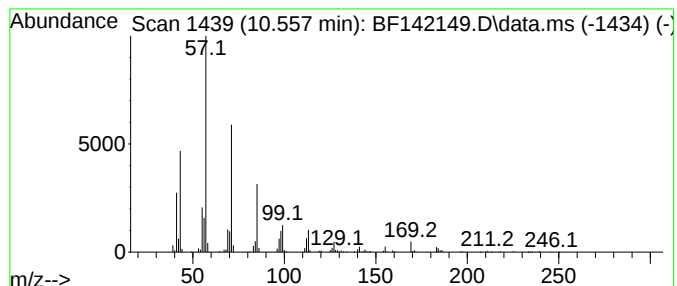
Instrument :
BNA_F
ClientSampleId :
HR-04-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.557	36.23 ng	1656500	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

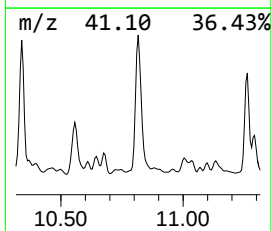
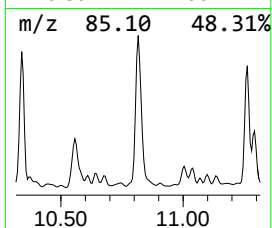
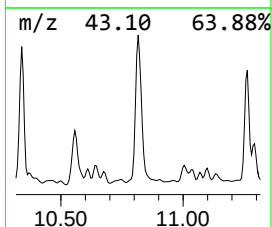
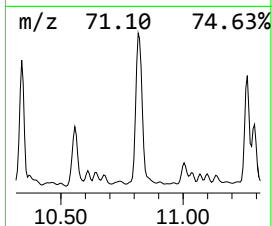
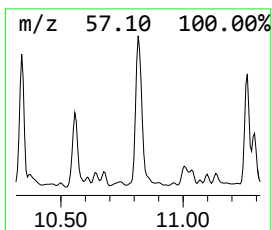
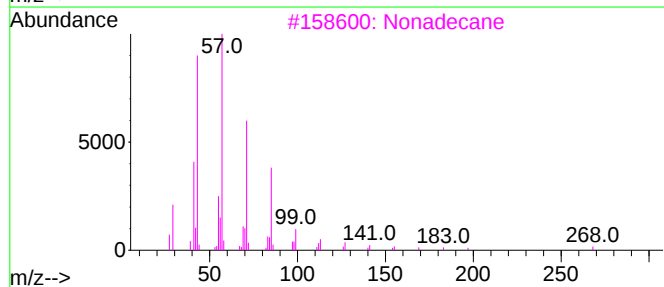
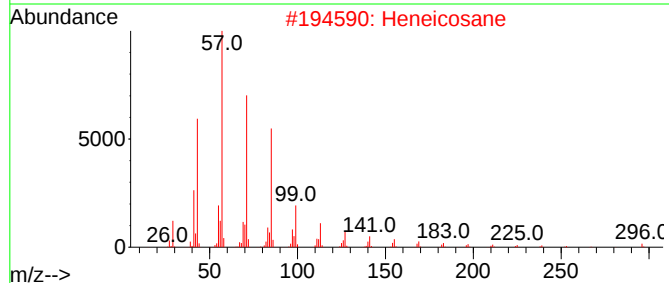
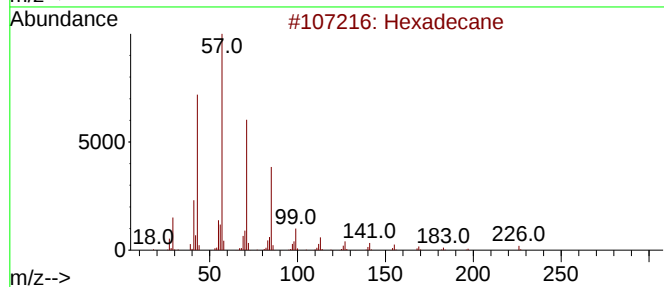
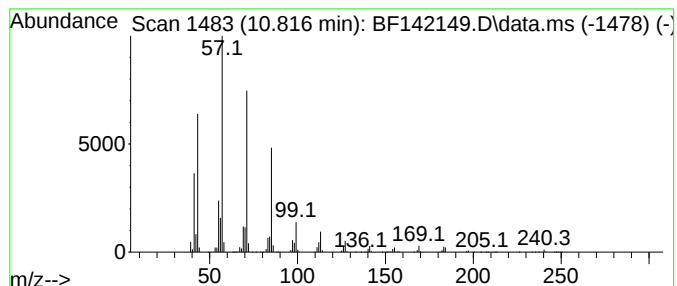
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	85.32 ng	4177980	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

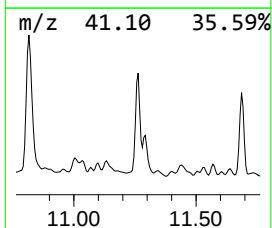
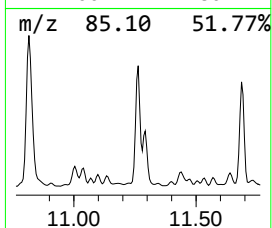
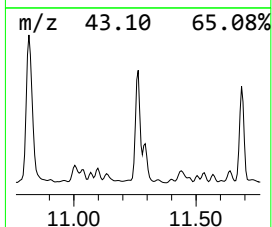
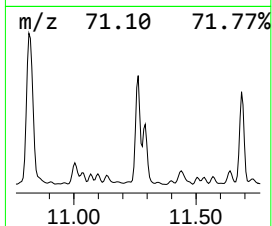
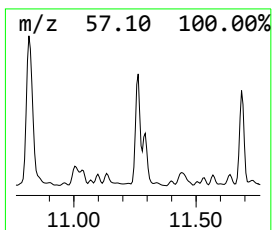
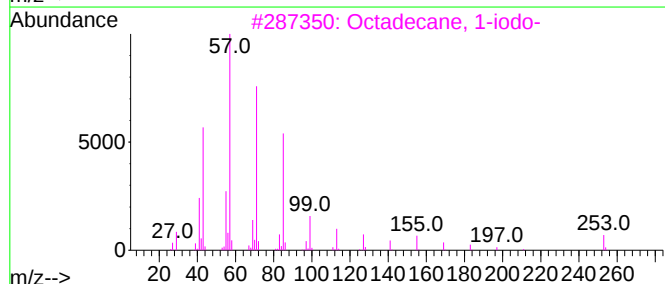
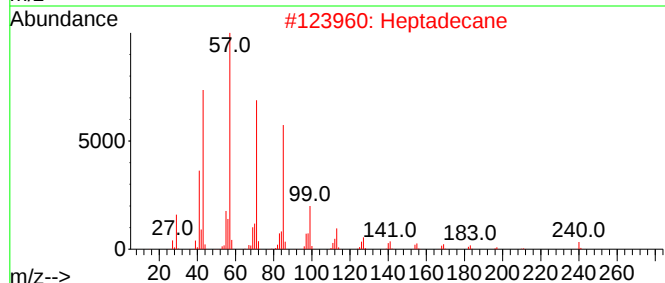
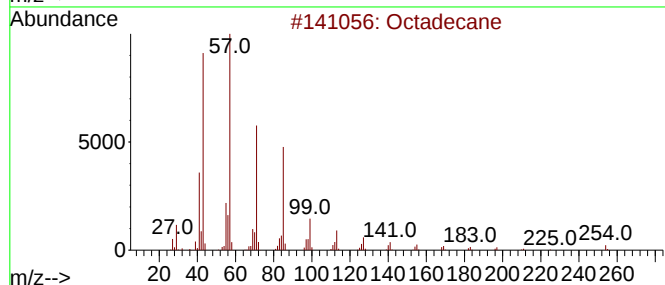
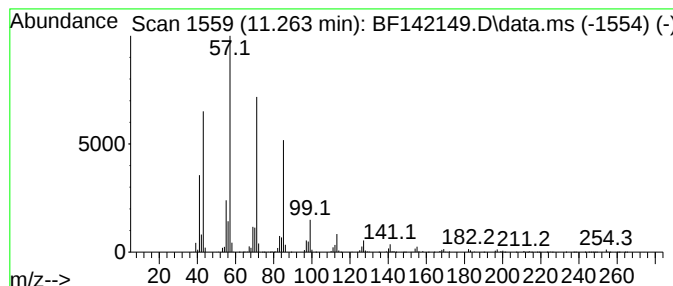
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	52.34 ng	2563010	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

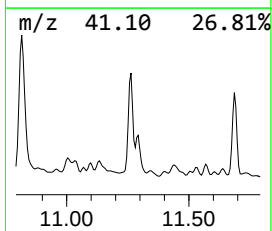
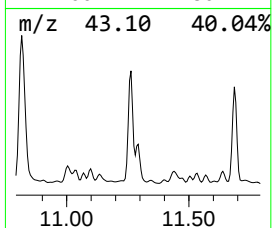
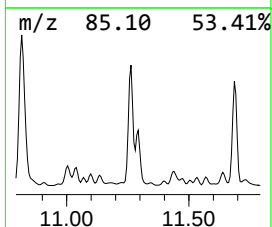
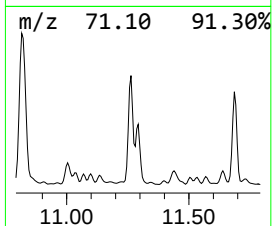
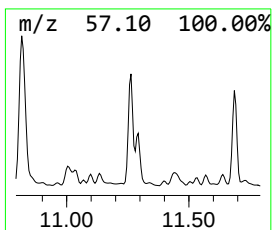
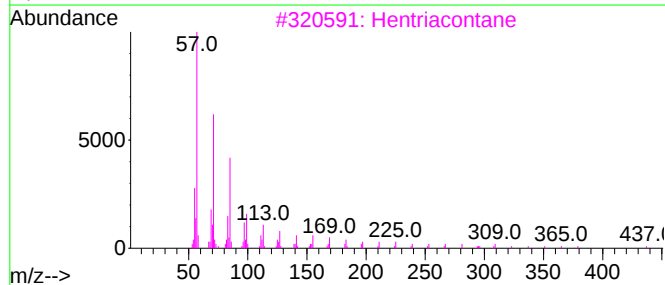
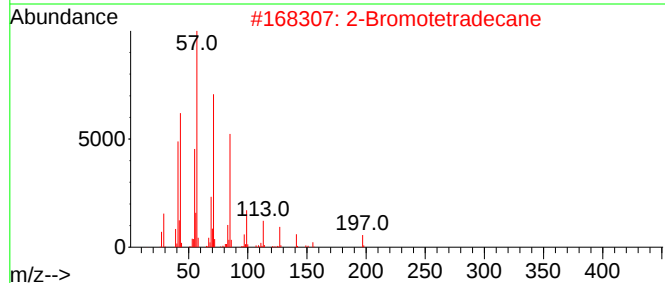
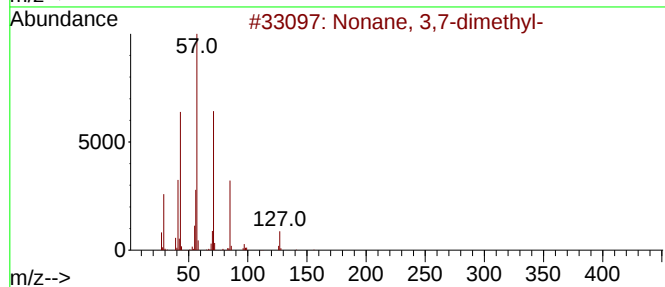
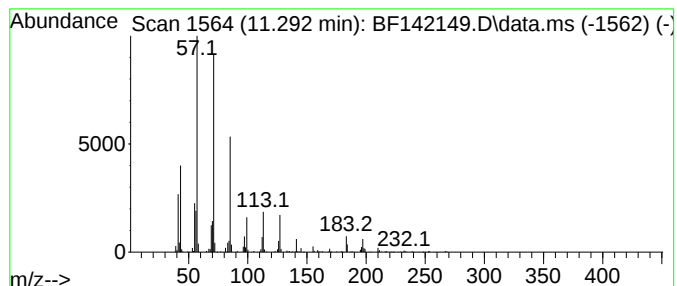
Instrument :
BNA_F
ClientSampleId :
HR-04-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonane, 3,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	22.59 ng	1106030	Phenanthrene-d10	11.398
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 91
2		2-Bromotetradecane	276 C14H29Br	074036-95-6 91
3		Hentriacontane	437 C31H64	000630-04-6 90
4		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 86
5		Hexadecane	226 C16H34	000544-76-3 86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

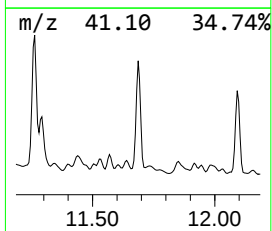
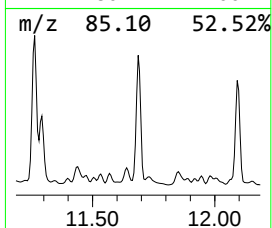
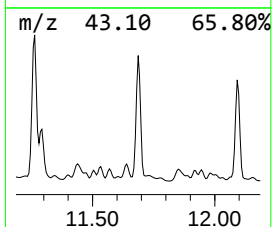
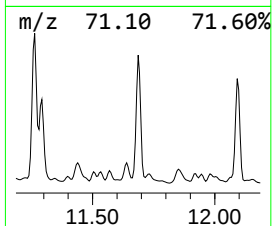
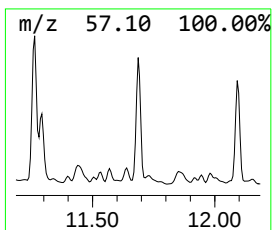
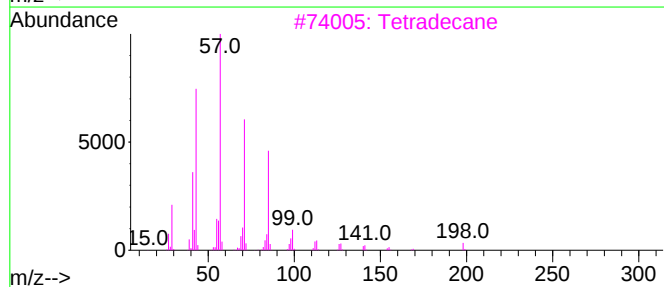
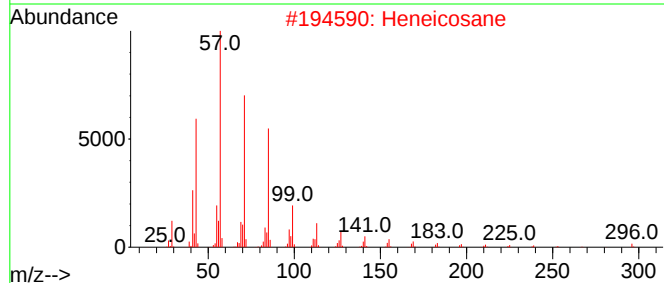
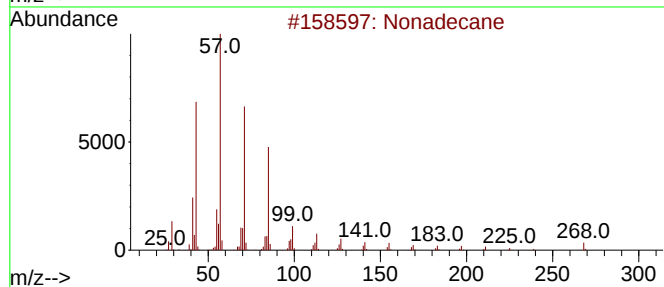
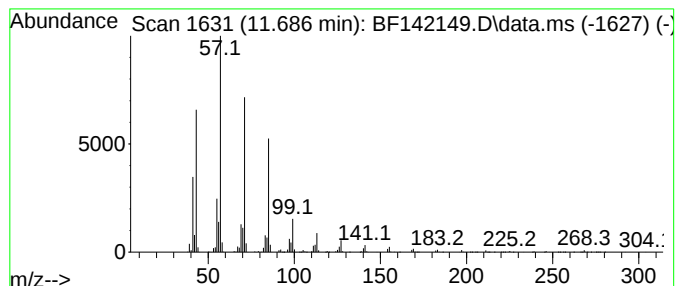
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	39.14 ng	1916570	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Heneicosane	296	C21H44	000629-94-7	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

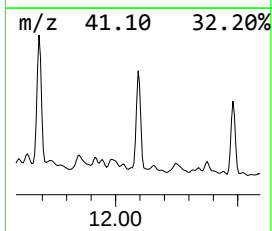
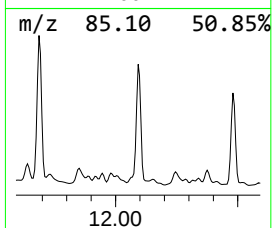
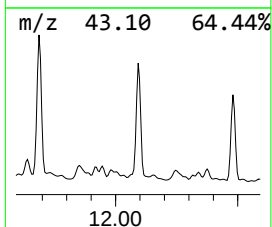
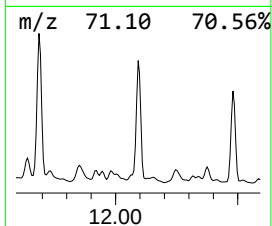
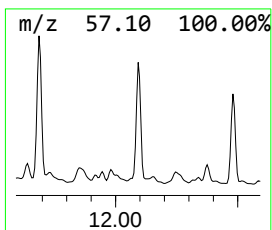
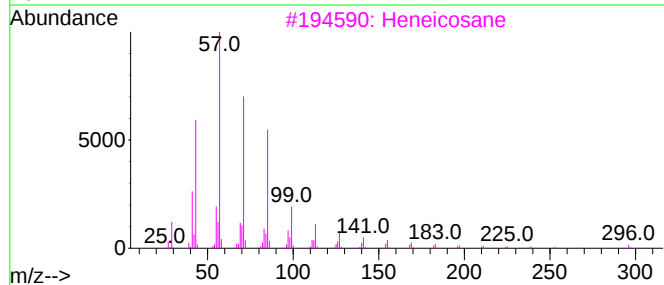
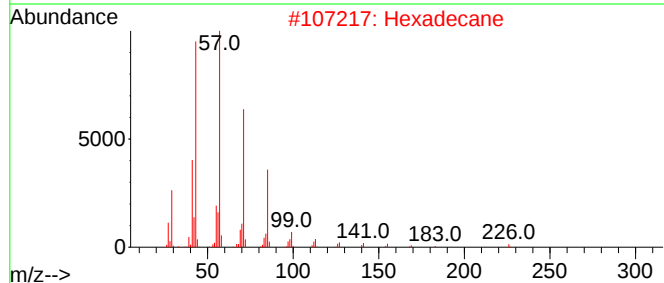
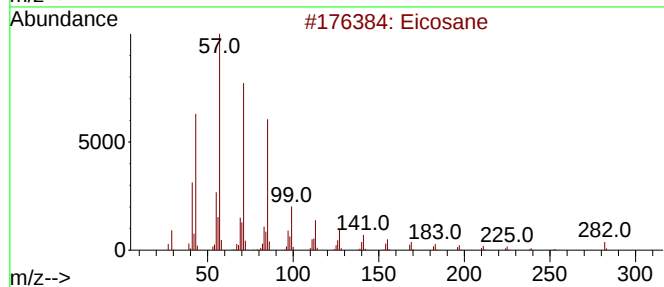
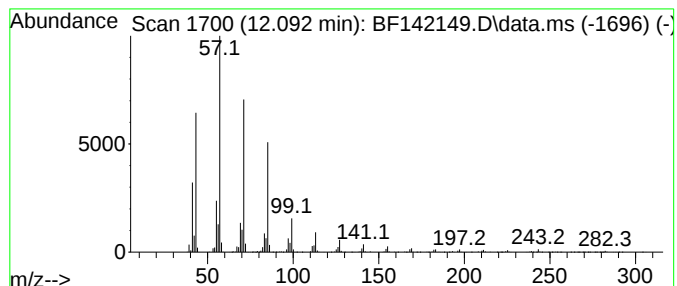
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	32.20 ng	1576670	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Hexadecane	226	C16H34	000544-76-3	95
3			Heneicosane	296	C21H44	000629-94-7	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-032425

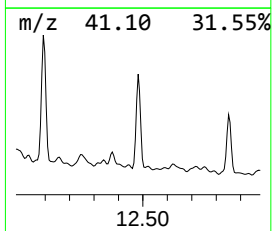
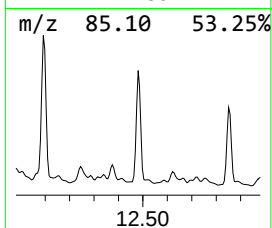
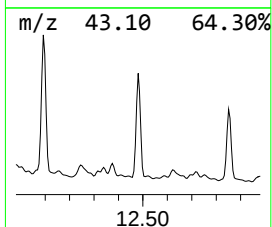
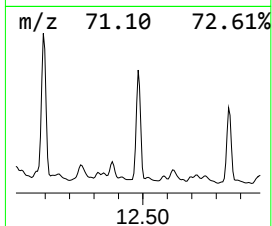
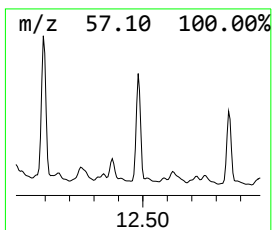
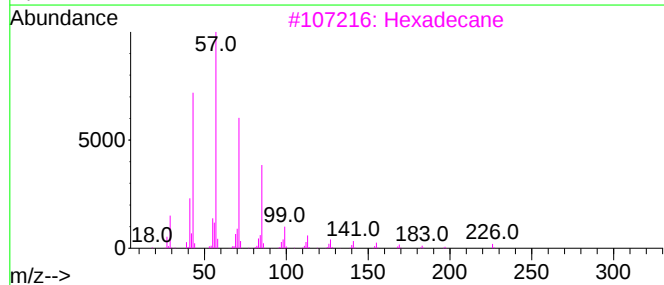
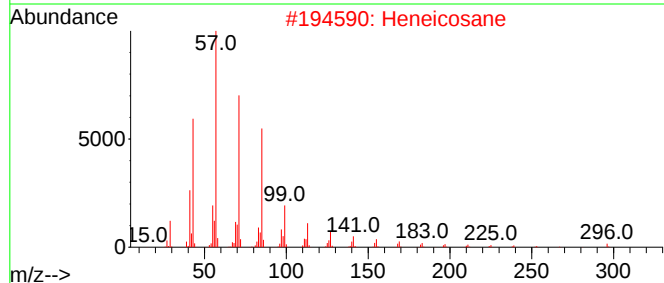
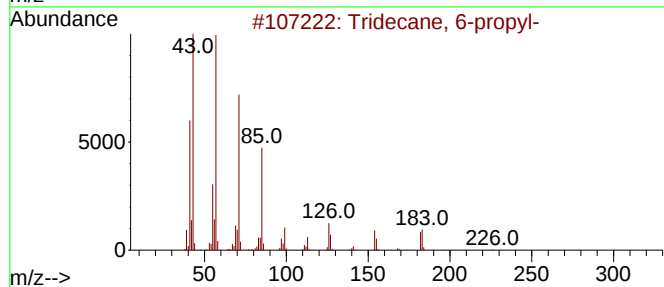
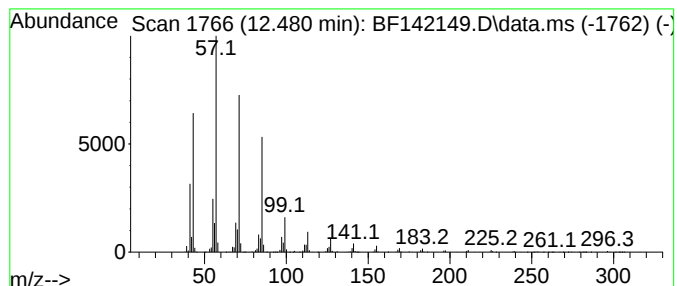
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	25.70 ng	1258720	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142149.D
Acq On : 28 Mar 2025 03:06
Operator : RC/JU
Sample : Q1634-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

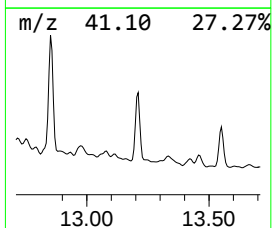
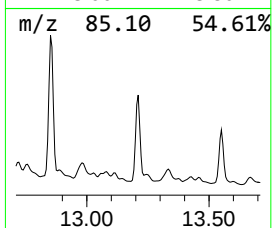
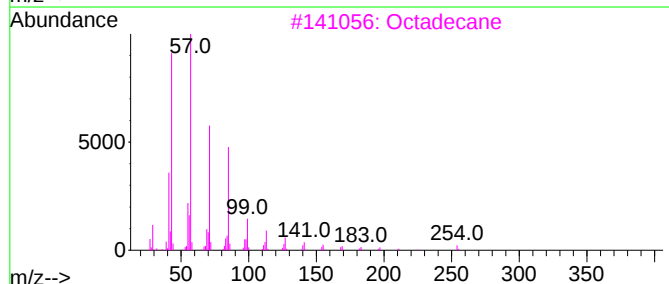
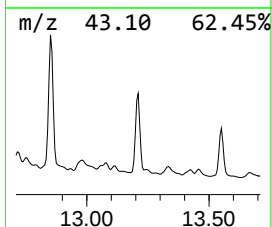
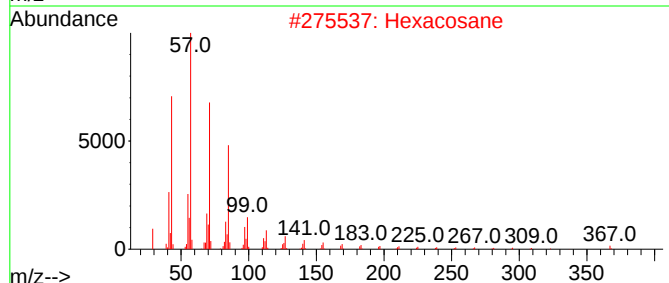
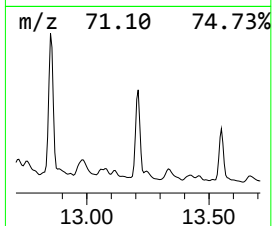
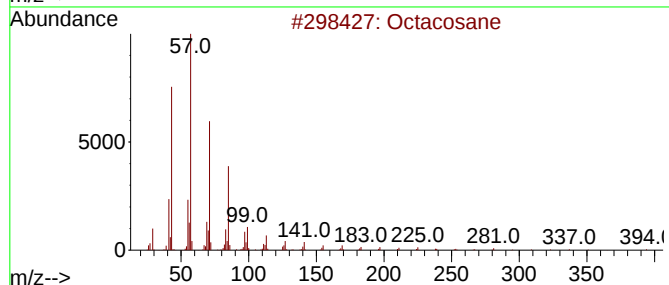
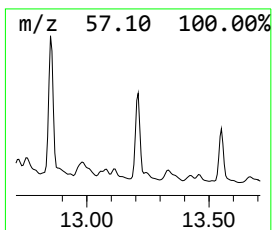
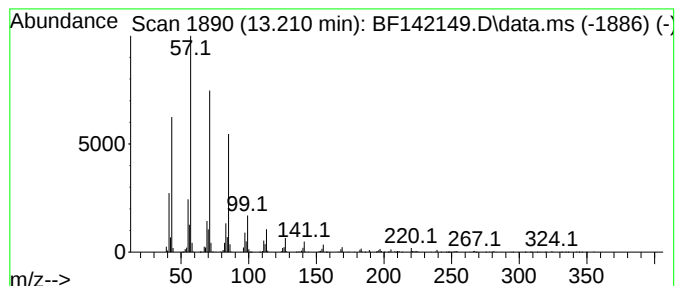
Instrument :
BNA_F
ClientSampleId :
HR-04-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.210	14.23 ng	534294	Chrysene-d12		14.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142149.D
 Acq On : 28 Mar 2025 03:06
 Operator : RC/JU
 Sample : Q1634-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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
unknown9.104	9.104	16.8	ng	766306	3	9.910	914368	20.0
Dodecane, 4,6-d...	9.175	22.2	ng	1015660	3	9.910	914368	20.0
Tetradecane	9.310	54.9	ng	2508440	3	9.910	914368	20.0
Naphthalene, 1,...	9.381	22.4	ng	1023380	3	9.910	914368	20.0
unknown9.563	9.563	20.1	ng	918061	3	9.910	914368	20.0
Octadecane, 1-c...	9.628	40.3	ng	1842430	3	9.910	914368	20.0
unknown9.686	9.686	14.4	ng	657744	3	9.910	914368	20.0
Carbonic acid, ...	9.839	53.1	ng	2426770	3	9.910	914368	20.0
Hexadecane	10.075	12.9	ng	591256	3	9.910	914368	20.0
Tridecane, 7-pr...	10.163	16.6	ng	759672	3	9.910	914368	20.0
Naphthalene, 1,...	10.233	11.3	ng	517500	3	9.910	914368	20.0
Sulfurous acid,...	10.339	67.0	ng	3065460	3	9.910	914368	20.0
Pentadecane, 2,...	10.557	36.2	ng	1656500	3	9.910	914368	20.0
Heneicosane	10.816	85.3	ng	4177980	4	11.398	979404	20.0
Octadecane	11.263	52.3	ng	2563010	4	11.398	979404	20.0
Nonane, 3,7-dim...	11.292	22.6	ng	1106030	4	11.398	979404	20.0
Nonadecane	11.686	39.1	ng	1916570	4	11.398	979404	20.0
Eicosane	12.092	32.2	ng	1576670	4	11.398	979404	20.0
Tridecane, 6-pr...	12.480	25.7	ng	1258720	4	11.398	979404	20.0
Octacosane	13.210	14.2	ng	534294	5	14.033	750952	20.0