

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136738.D
 Acq On : 27 Dec 2023 01:11
 Operator : CG\JU
 Sample : 05446-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-111523A

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	563	568	571	rBV	1448847	1341935	16.05%	3.267%
2	6.428	734	738	741	rBV	1440443	1335145	15.97%	3.251%
3	6.781	795	798	802	rVB	493625	398002	4.76%	0.969%
4	7.345	890	894	897	rVV	1046110	914584	10.94%	2.227%
5	7.375	897	899	902	rVV	236644	162712	1.95%	0.396%
6	7.581	931	934	937	rVB2	87732	88051	1.05%	0.214%
7	8.010	1002	1007	1010	rBV5	48446	91251	1.09%	0.222%
8	8.039	1010	1012	1014	rVV	398922	447482	5.35%	1.089%
9	8.057	1014	1015	1018	rVV	625017	444709	5.32%	1.083%
10	8.122	1021	1026	1028	rVB2	139976	182613	2.18%	0.445%
11	8.351	1060	1065	1072	rBV5	124585	200618	2.40%	0.488%
12	8.404	1072	1074	1077	rBV3	88925	84108	1.01%	0.205%
13	8.439	1077	1080	1083	rBV3	120073	119351	1.43%	0.291%
14	8.481	1083	1087	1089	rBV2	181313	151788	1.82%	0.370%
15	8.563	1097	1101	1104	rBV2	184570	159536	1.91%	0.388%
16	8.651	1113	1116	1119	rBV	550924	432384	5.17%	1.053%
17	8.716	1124	1127	1129	rVV2	96234	108172	1.29%	0.263%
18	8.745	1129	1132	1135	rVB3	80138	95267	1.14%	0.232%
19	8.881	1152	1155	1158	rBV2	149447	111874	1.34%	0.272%
20	9.016	1174	1178	1181	rVB4	113179	148109	1.77%	0.361%
21	9.081	1187	1189	1191	rVV	191891	146325	1.75%	0.356%
22	9.139	1195	1199	1202	rVV	1864103	1507445	18.03%	3.670%
23	9.216	1207	1212	1217	rBV	623516	603707	7.22%	1.470%
24	9.286	1221	1224	1227	rVB3	112234	98145	1.17%	0.239%
25	9.404	1237	1244	1247	rVB5	110844	145794	1.74%	0.355%
26	9.451	1249	1252	1254	rBV3	71855	89686	1.07%	0.218%
27	9.475	1254	1256	1258	rVV2	106579	109781	1.31%	0.267%
28	9.492	1258	1259	1262	rVV2	110633	90819	1.09%	0.221%
29	9.539	1262	1267	1269	rVV3	283006	321992	3.85%	0.784%
30	9.563	1269	1271	1274	rVV2	159386	155075	1.86%	0.378%
31	9.598	1274	1277	1280	rVB2	144114	119894	1.43%	0.292%
32	9.751	1300	1303	1307	rVB	716668	540900	6.47%	1.317%
33	9.792	1307	1310	1311	rBV3	72949	83790	1.00%	0.204%
34	9.816	1311	1314	1317	rVB	602005	473962	5.67%	1.154%
35	9.981	1339	1342	1345	rBV2	74795	114512	1.37%	0.279%
36	10.069	1354	1357	1361	rBV3	144499	184750	2.21%	0.450%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136738.D
 Acq On : 27 Dec 2023 01:11
 Operator : CG\JU
 Sample : 05446-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-111523A

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-BF122023.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.145	1366	1370	1375	rBV7	44415	87854	1.05%	0.214%
38	10.251	1385	1388	1391	rVB	705940	519830	6.22%	1.266%
39	10.469	1420	1425	1431	rBV	220910	304603	3.64%	0.742%
40	10.610	1443	1449	1452	rBV	725620	720054	8.61%	1.753%
41	10.728	1466	1469	1477	rVB	668628	750757	8.98%	1.828%
42	10.980	1509	1512	1515	rBV2	81604	85543	1.02%	0.208%
43	11.175	1542	1545	1548	rBV	559026	441453	5.28%	1.075%
44	11.204	1548	1550	1555	rVB	238962	222975	2.67%	0.543%
45	11.310	1564	1568	1570	rBV	435055	410504	4.91%	0.999%
46	11.333	1570	1572	1574	rVB	246952	196452	2.35%	0.478%
47	11.604	1615	1618	1621	rBV	465519	350541	4.19%	0.853%
48	11.710	1632	1636	1639	rBV	2980004	2578235	30.84%	6.277%
49	11.851	1655	1660	1667	rBV2	708298	909969	10.89%	2.216%
50	12.016	1684	1688	1693	rBV	356448	310226	3.71%	0.755%
51	12.416	1749	1756	1757	rBV	5852294	8359530	100.00%	20.353%
52	12.433	1757	1759	1764	rVV2	5339456	5471041	65.45%	13.320%
53	12.510	1768	1772	1774	rVV	1508605	1341843	16.05%	3.267%
54	12.545	1774	1778	1780	rVV2	747382	1054413	12.61%	2.567%
55	12.563	1780	1781	1789	rVV2	612781	706716	8.45%	1.721%
56	12.639	1791	1794	1799	rVB	240009	225239	2.69%	0.548%
57	12.757	1807	1814	1816	rBV	333922	379377	4.54%	0.924%
58	12.780	1816	1818	1821	rVB	221066	162205	1.94%	0.395%
59	12.904	1833	1839	1843	rBV	1296303	1316313	15.75%	3.205%
60	13.092	1865	1871	1876	rBV3	89926	168290	2.01%	0.410%
61	13.139	1876	1879	1881	rBV	176625	188858	2.26%	0.460%
62	13.233	1892	1895	1898	rVB	143383	111533	1.33%	0.272%
63	13.345	1911	1914	1917	rBV2	97463	96895	1.16%	0.236%
64	13.480	1934	1937	1940	rVB	136622	112510	1.35%	0.274%
65	13.810	1990	1993	1996	rBV	117984	103782	1.24%	0.253%
66	13.904	2007	2009	2012	rBV	142190	120800	1.45%	0.294%
67	13.963	2014	2019	2022	rVV2	500467	578142	6.92%	1.408%
68	13.986	2022	2023	2026	rVB	150465	102054	1.22%	0.248%
69	14.439	2097	2100	2103	rVB	101090	86270	1.03%	0.210%
70	15.010	2193	2197	2205	rVB	108026	194910	2.33%	0.475%
71	15.380	2256	2260	2266	rVB	79337	113669	1.36%	0.277%
72	15.445	2266	2271	2274	rVV	208294	271086	3.24%	0.660%
73	15.474	2274	2276	2284	rVB3	75135	113744	1.36%	0.277%

Sum of corrected areas: 41072484

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

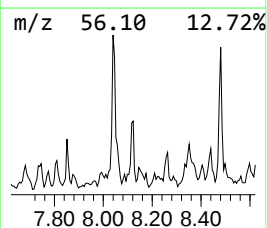
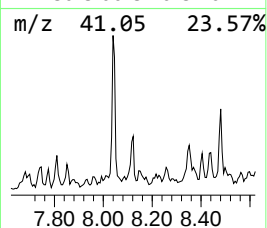
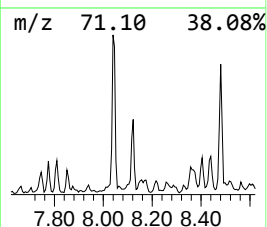
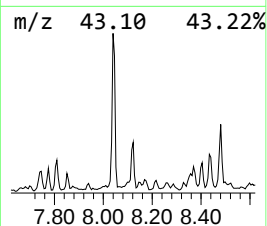
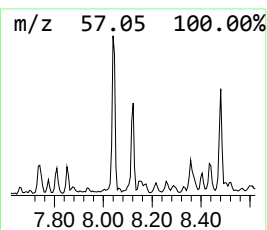
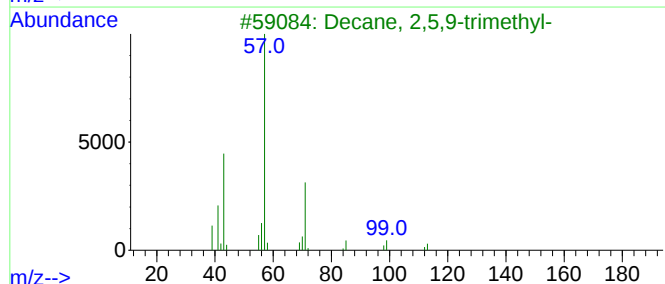
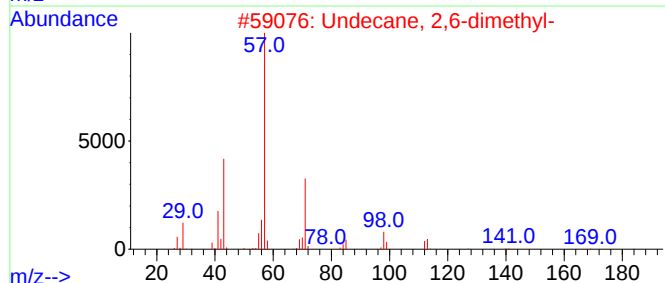
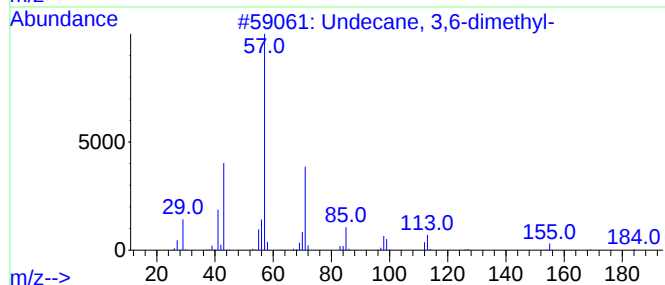
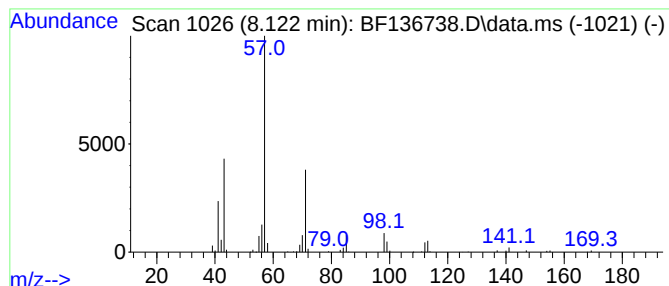
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.122	8.21 ng	182613	Naphthalene-d8	8.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	72
5			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

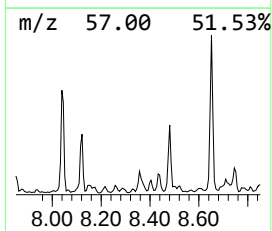
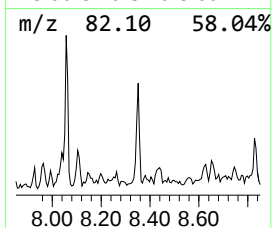
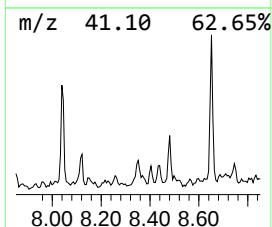
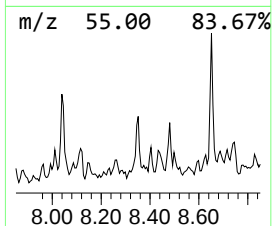
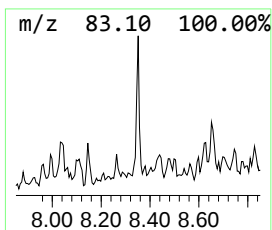
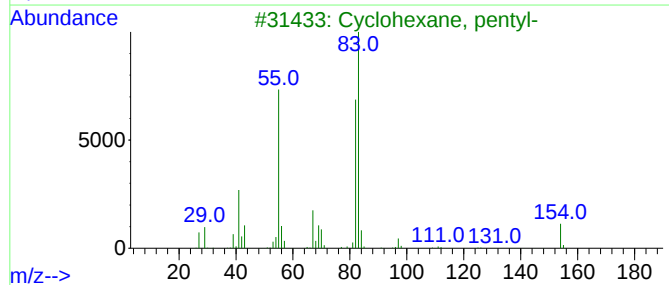
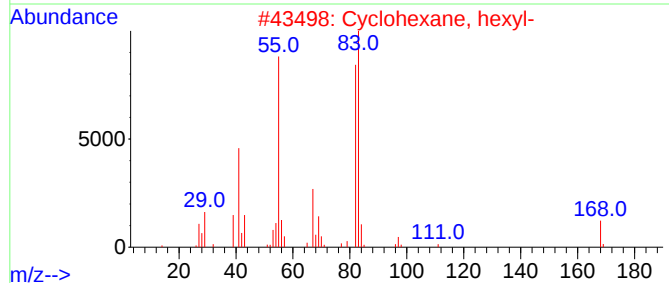
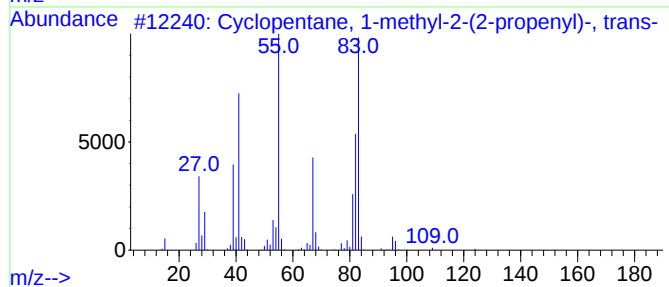
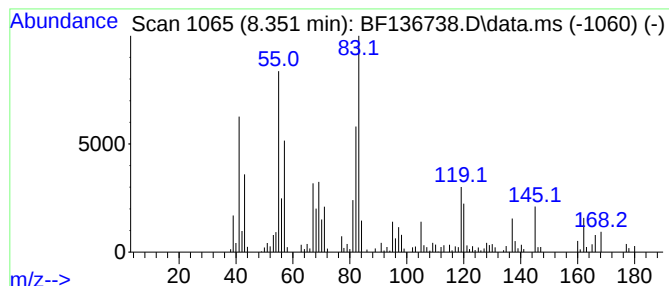
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown8.351 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.351	9.02 ng	200618	Naphthalene-d8	8.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	49
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

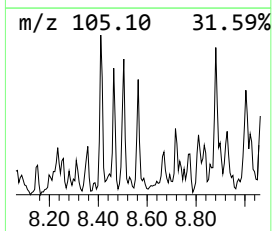
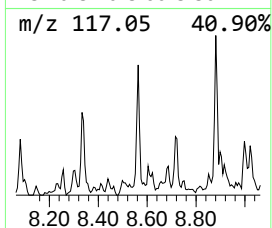
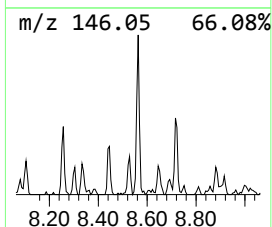
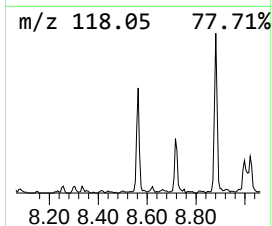
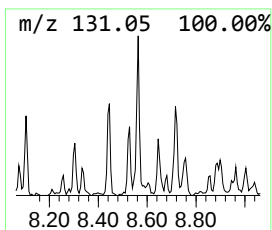
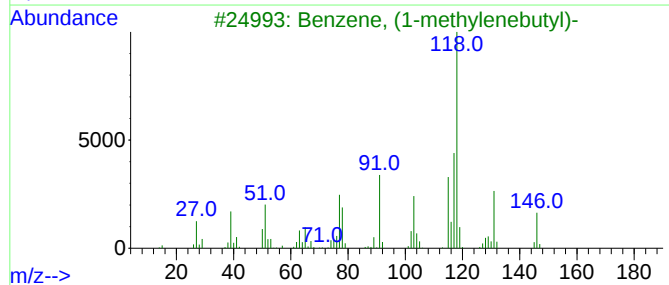
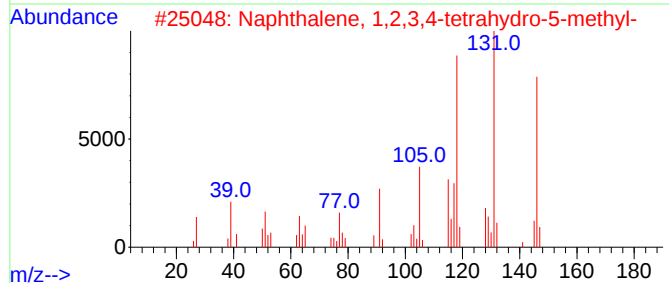
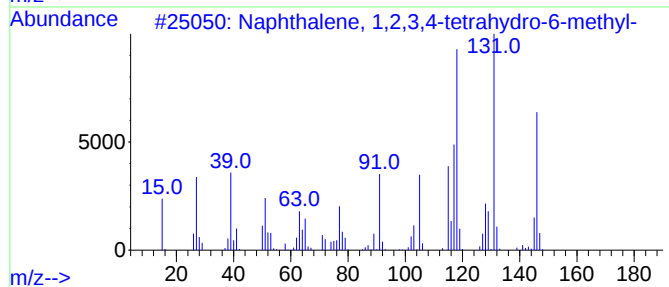
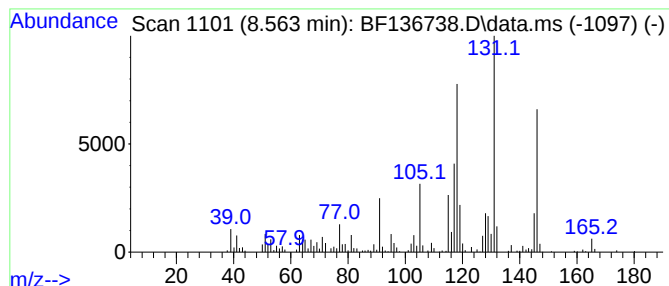
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	7.17 ng	159536	Naphthalene-d8	8.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	70
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

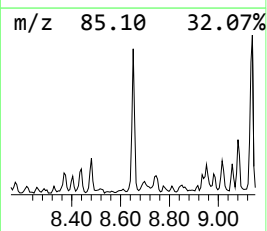
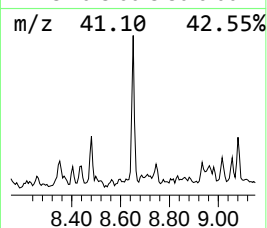
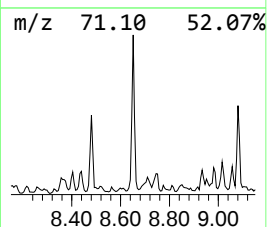
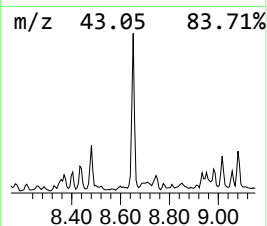
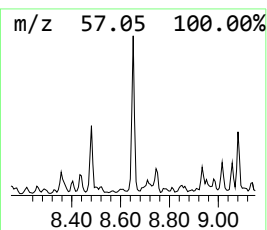
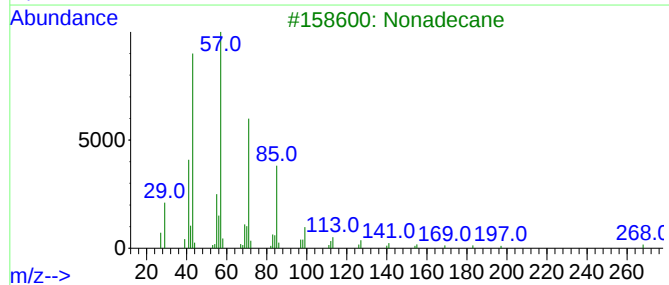
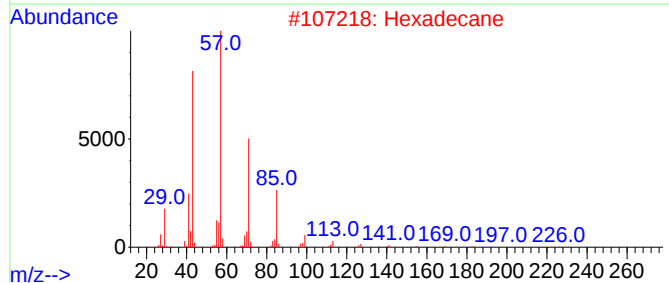
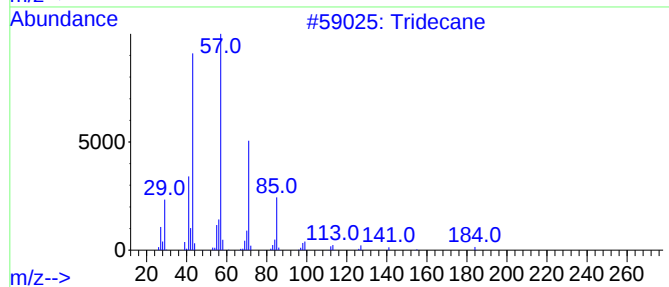
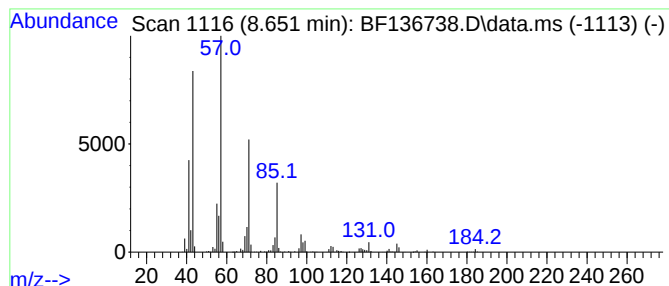
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	19.45 ng	432384	Naphthalene-d8	8.057

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			Nonadecane	268	C19H40	000629-92-5	64
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
5			Undecane	156	C11H24	001120-21-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

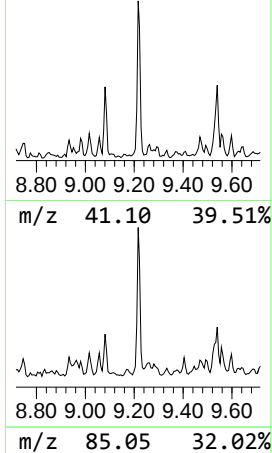
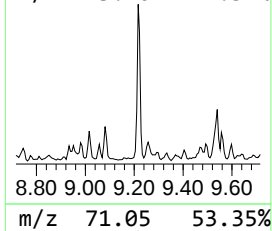
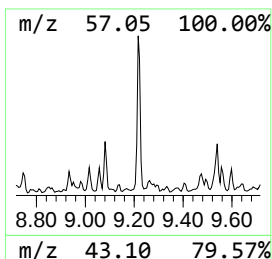
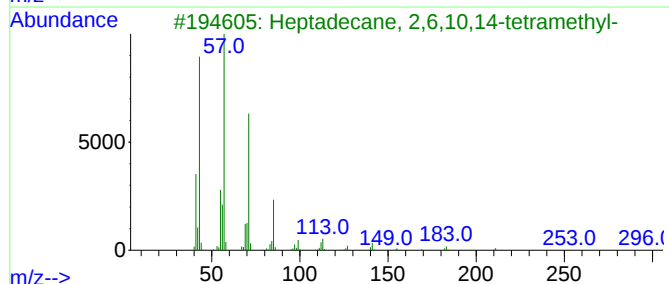
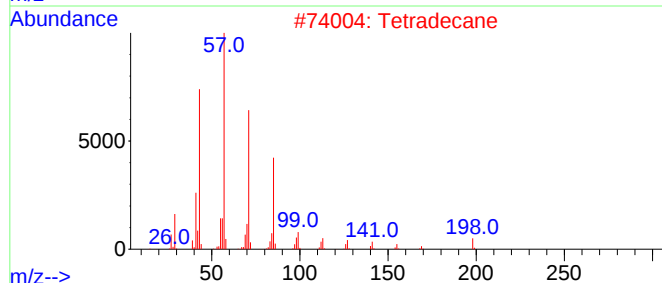
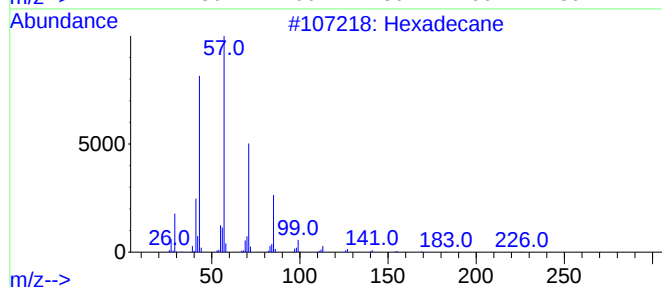
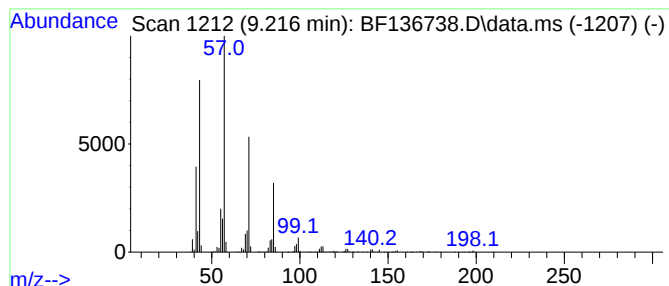
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	25.47 ng	603707	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
4			Nonadecane	268	C19H40	000629-92-5	83
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

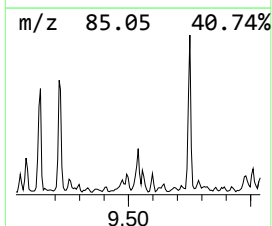
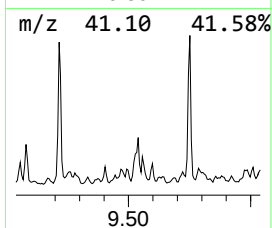
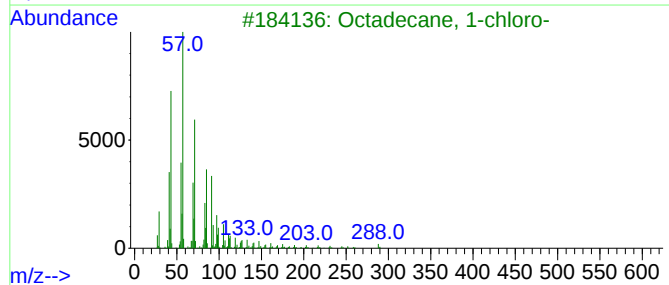
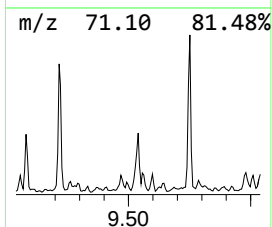
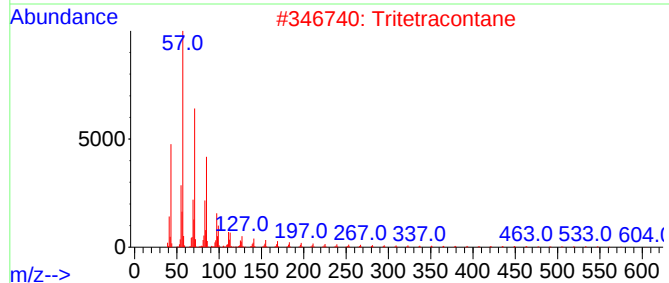
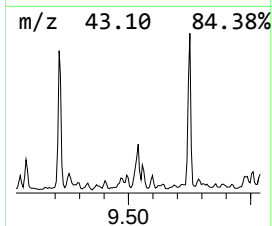
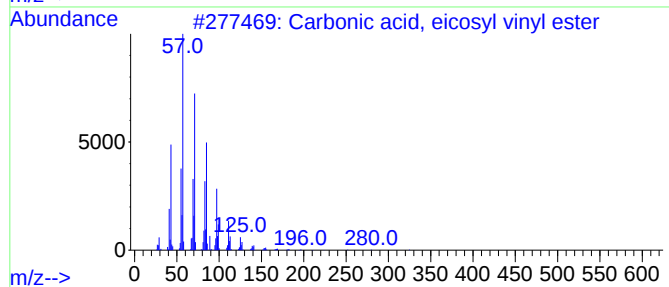
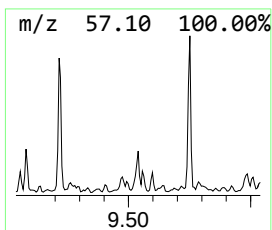
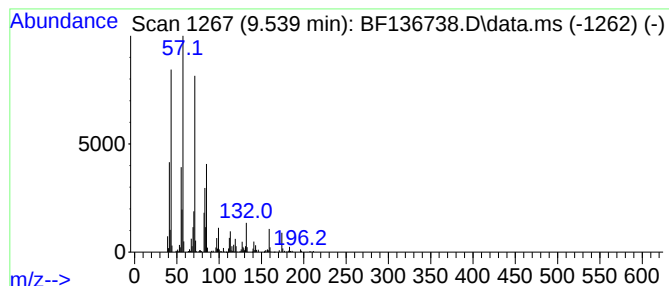
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Carbonic acid, eicosyl vinyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.539	13.59 ng	321992	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
2			Tritetracontane	605	C43H88	007098-21-7	86
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
4			Hexadecane	226	C16H34	000544-76-3	72
5			Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

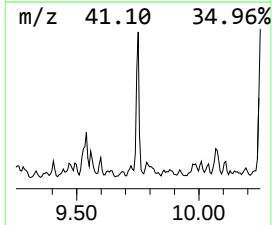
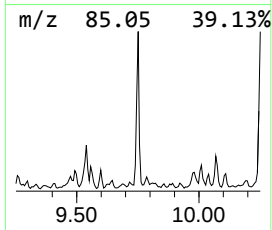
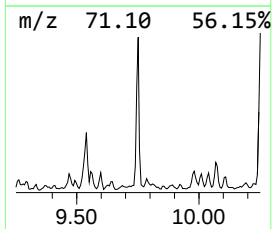
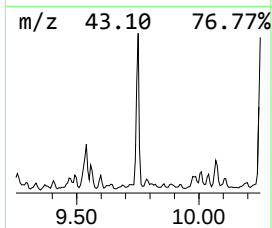
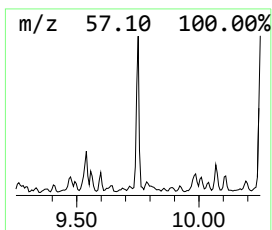
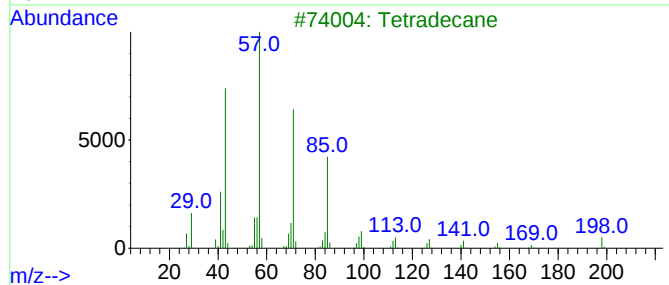
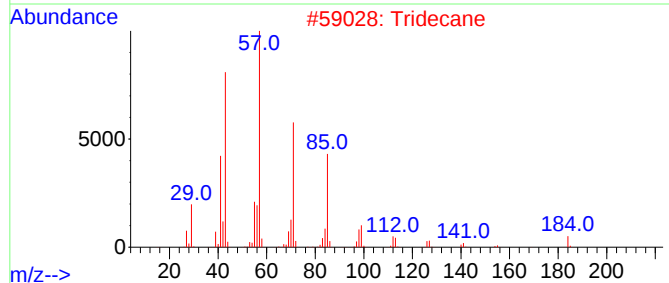
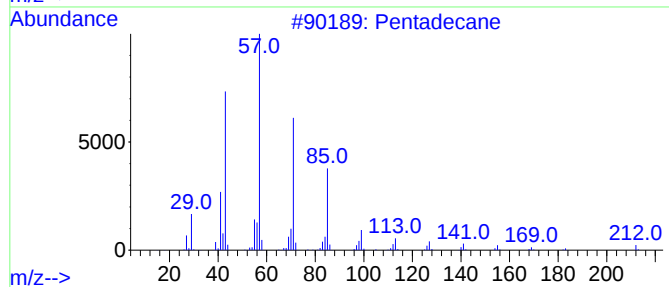
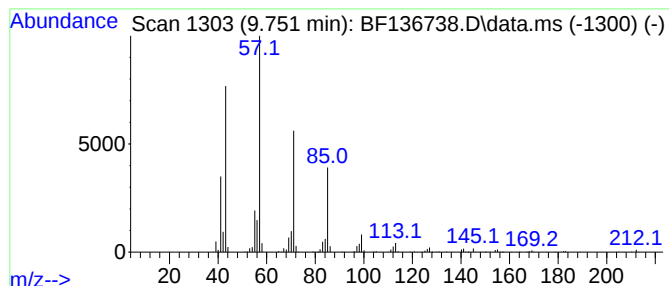
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	22.82 ng	540900	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	94
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5		Undecane	156	C11H24	001120-21-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

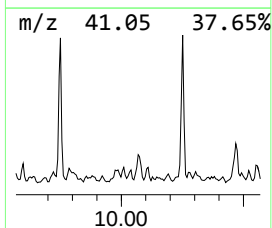
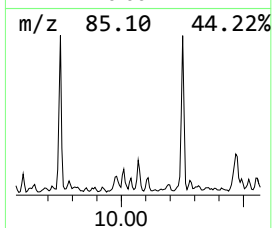
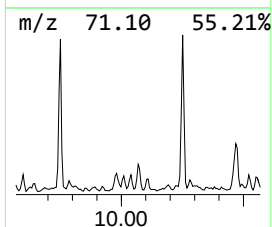
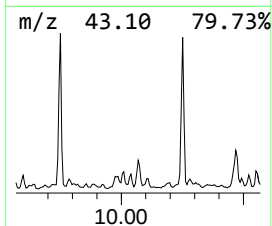
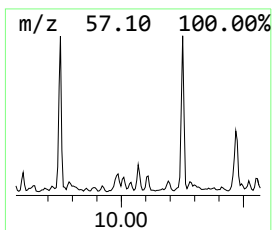
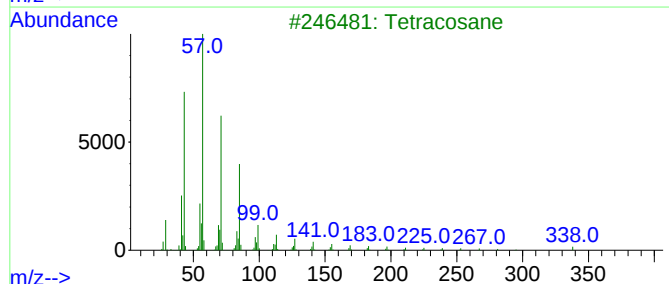
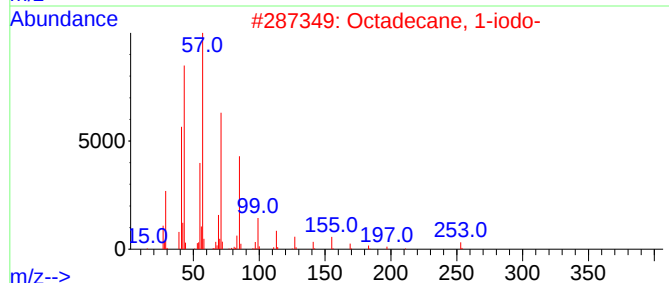
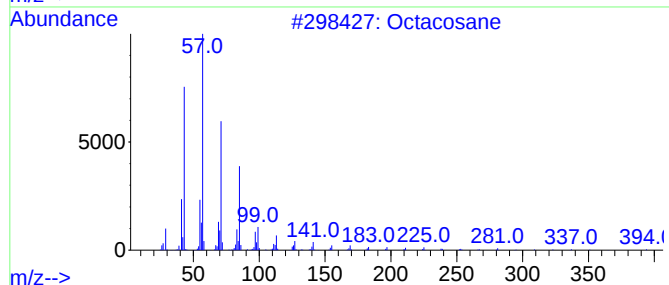
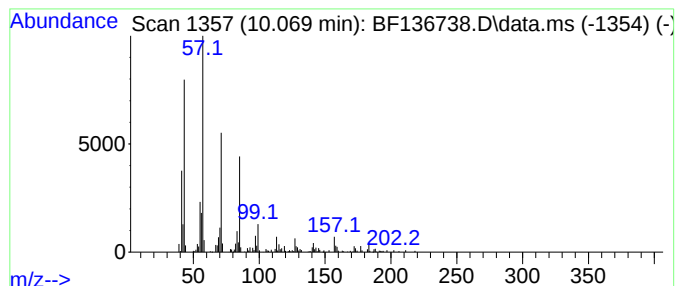
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.069	7.80 ng	184750	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	87
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3			Tetracosane	338	C24H50	000646-31-1	86
4			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80
5			Hexacosane	366	C26H54	000630-01-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

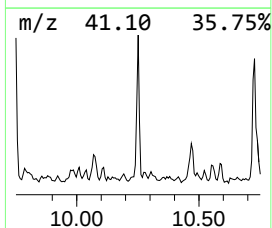
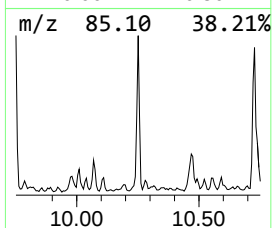
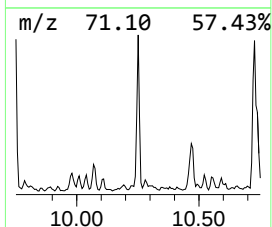
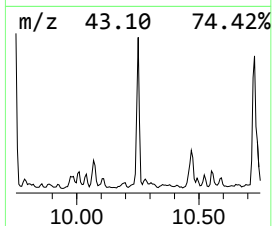
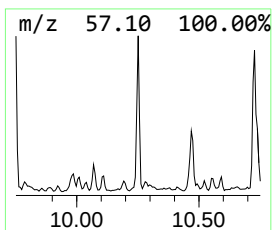
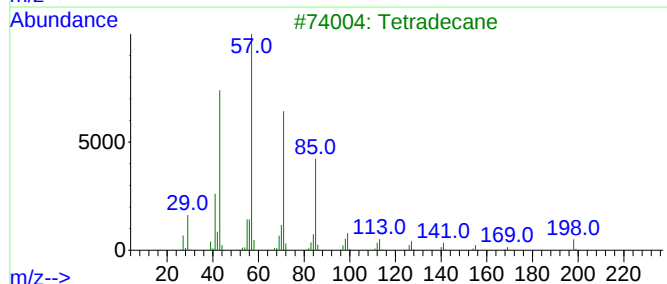
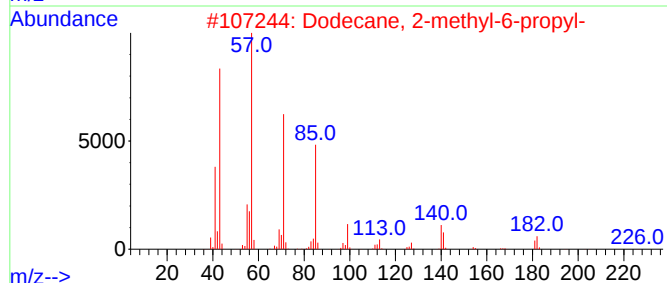
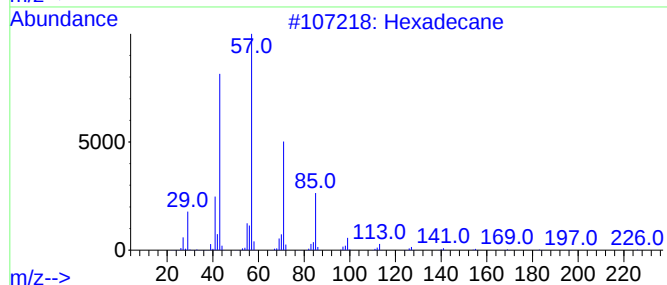
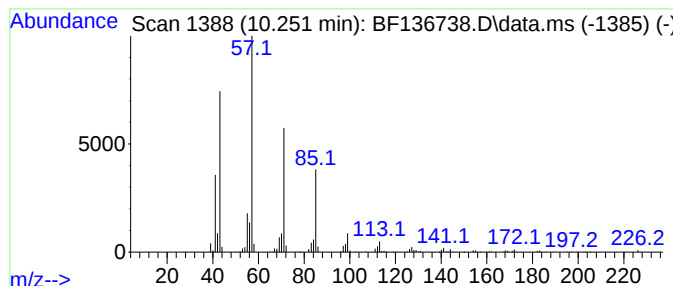
Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.251	21.94 ng	519830	Acenaphthene-d10		9.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	97
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Tridecane		184	C13H28	000629-50-5	90
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

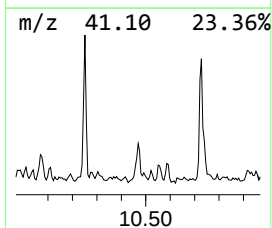
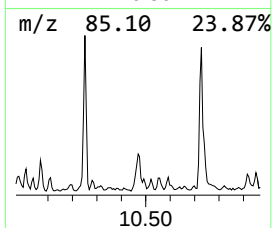
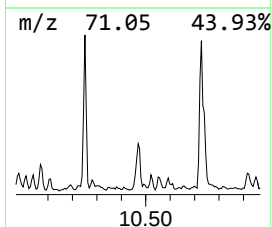
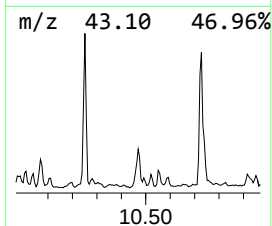
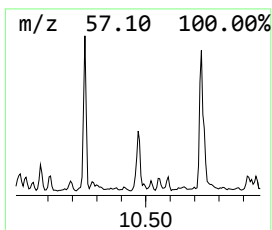
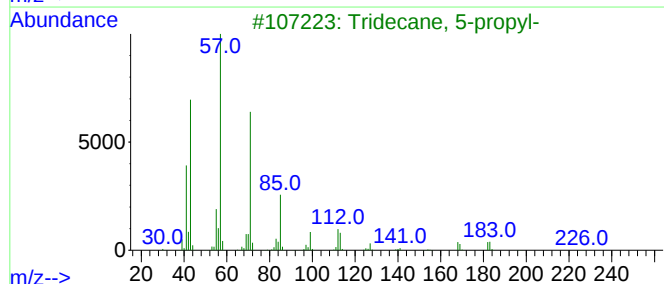
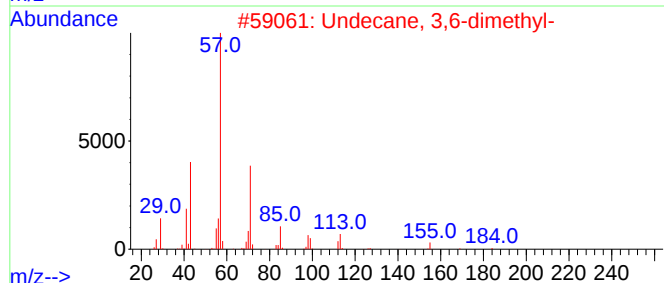
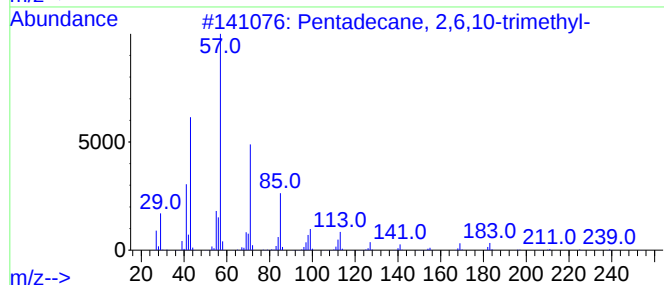
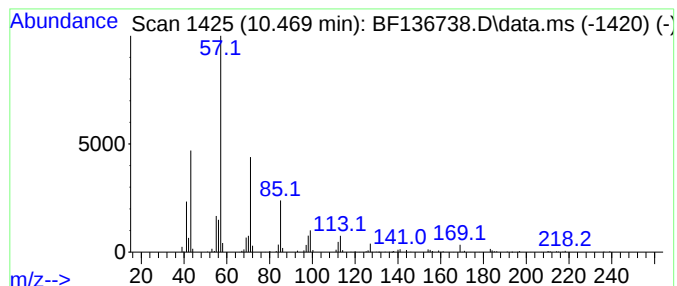
Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.469	12.85 ng	304603	Acenaphthene-d10			9.816
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4		Hexadecane	226	C16H34	000544-76-3	72
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

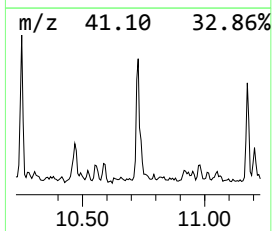
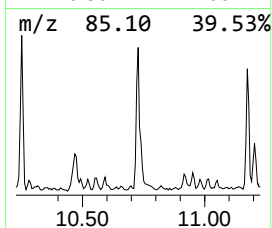
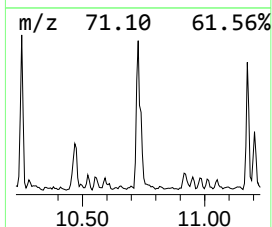
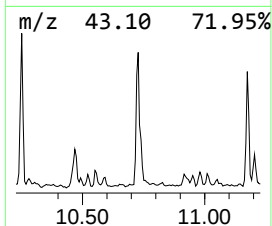
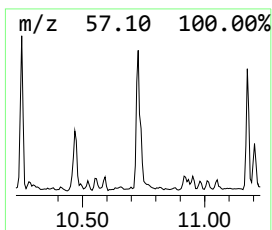
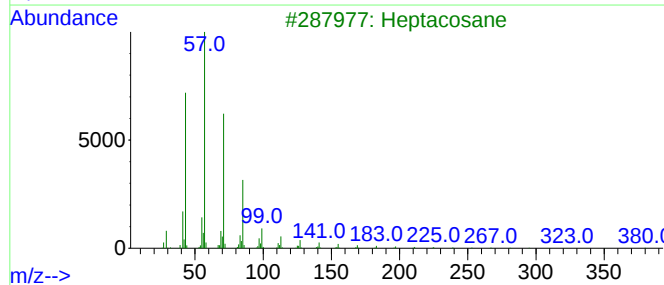
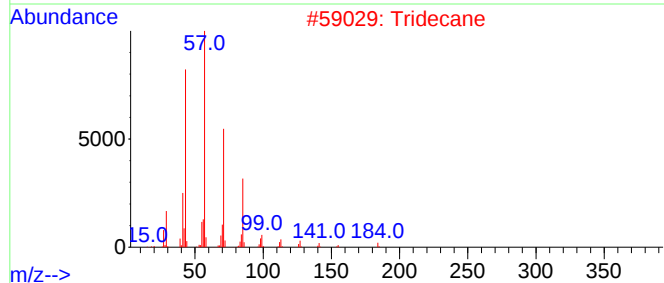
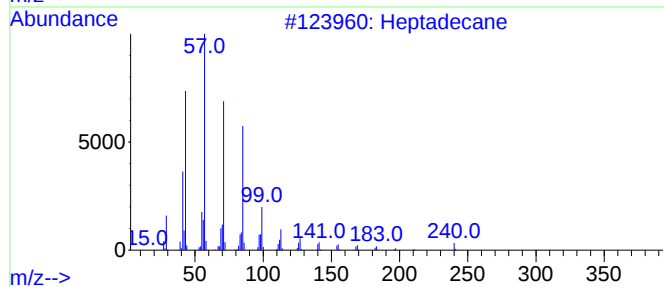
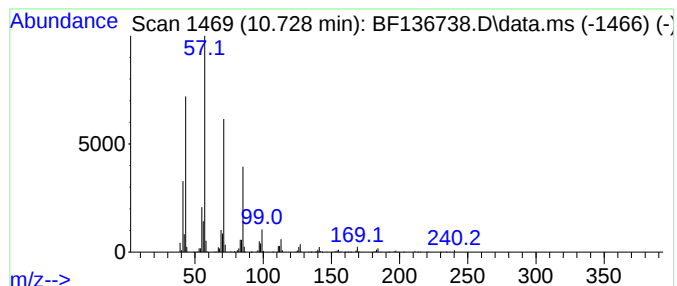
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.727	36.58 ng	750757	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	97
2		Tridecane	184	C13H28	000629-50-5	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

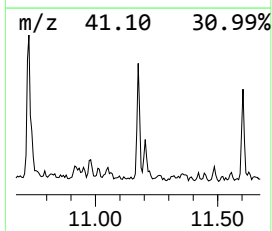
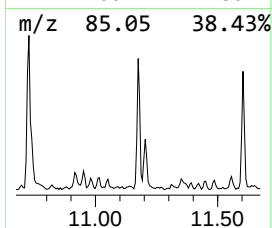
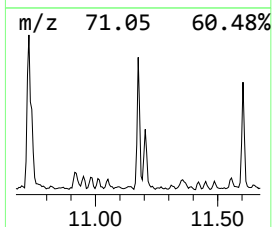
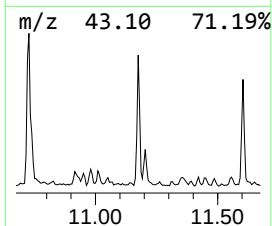
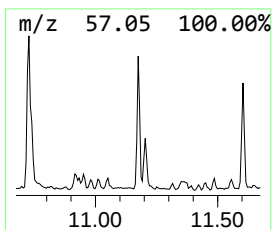
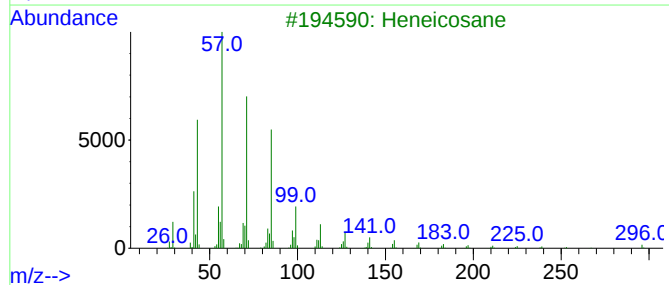
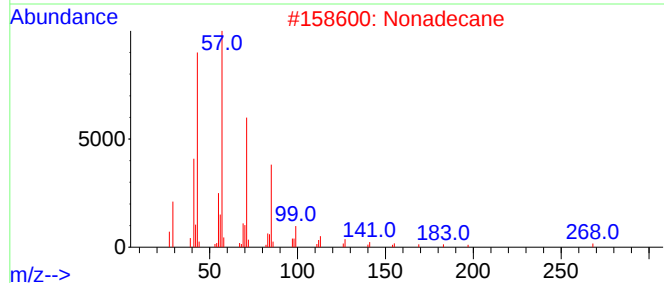
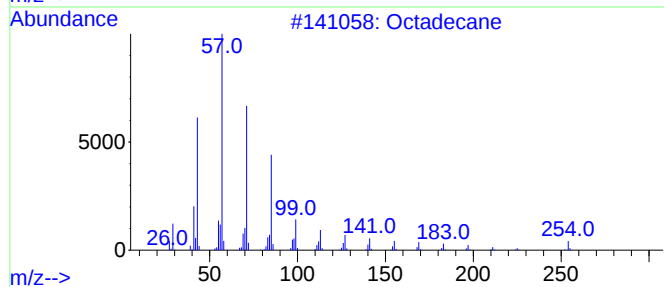
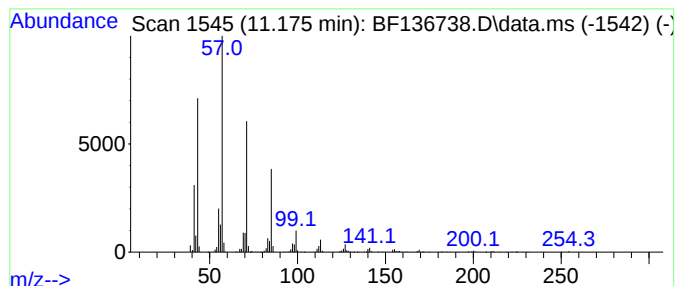
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	21.51 ng	441453	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

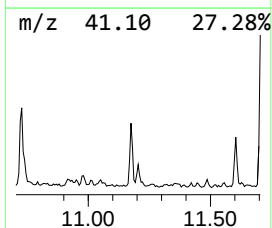
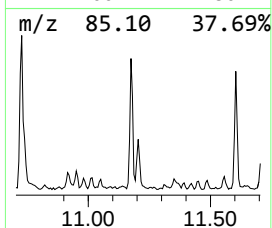
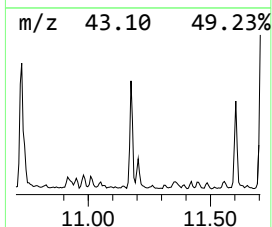
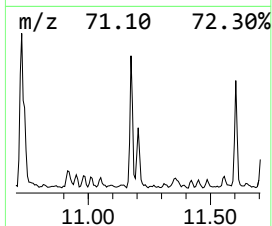
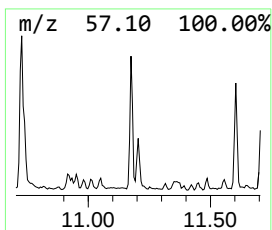
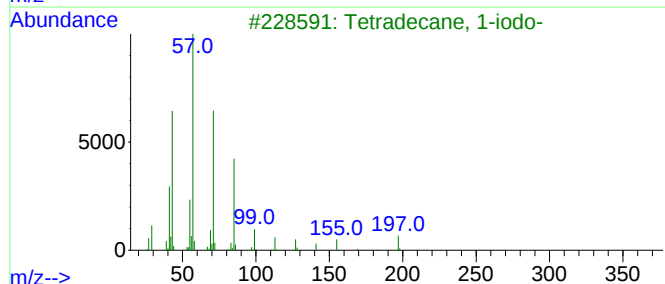
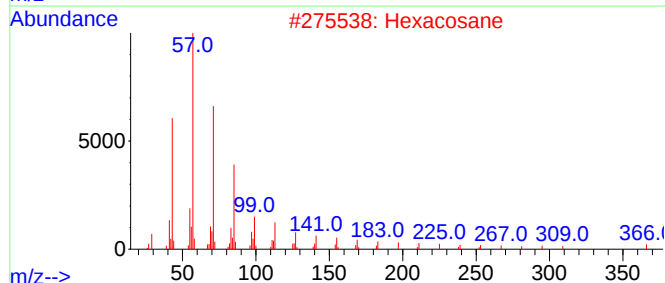
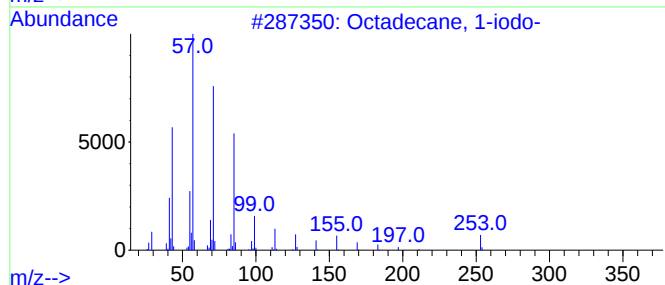
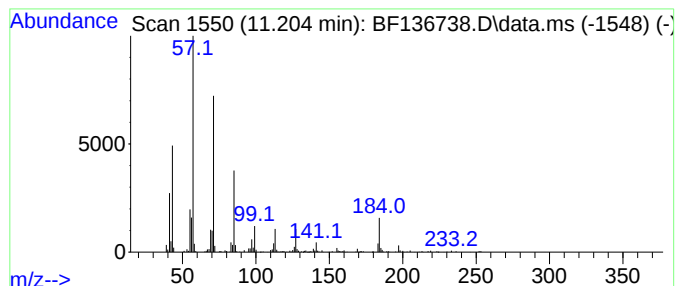
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	10.86 ng	222975	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
2		Hexacosane	366	C26H54	000630-01-3	78
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		5,5-Dibutylnonane	240	C17H36	006008-17-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

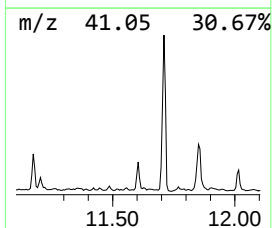
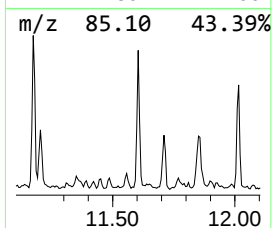
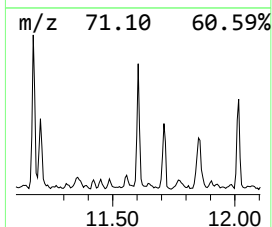
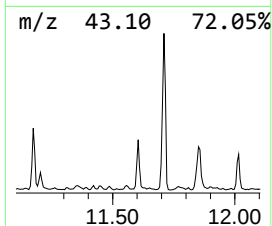
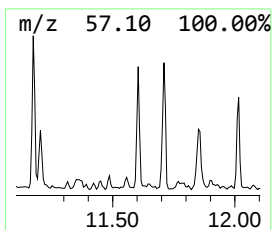
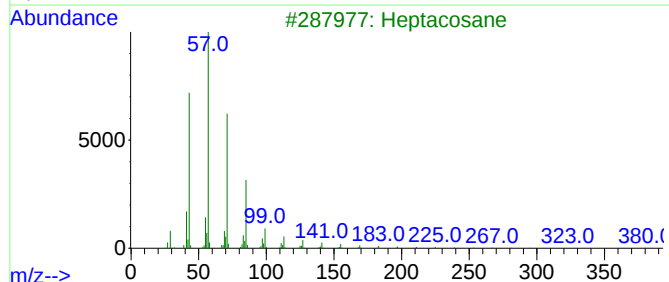
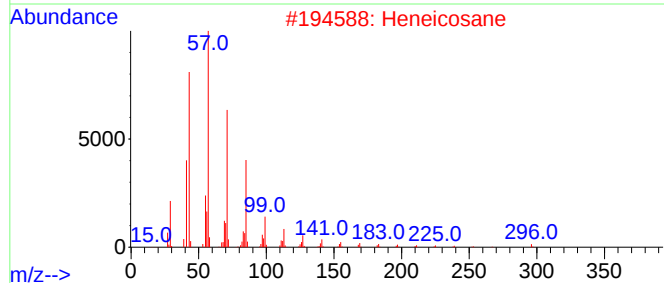
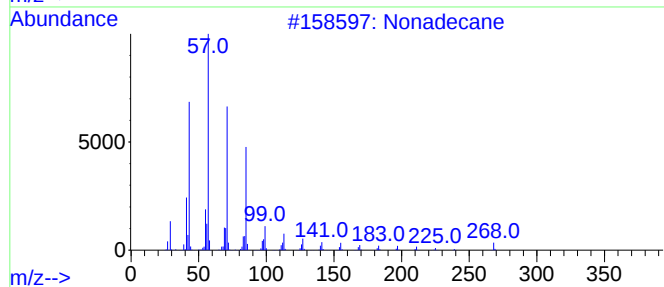
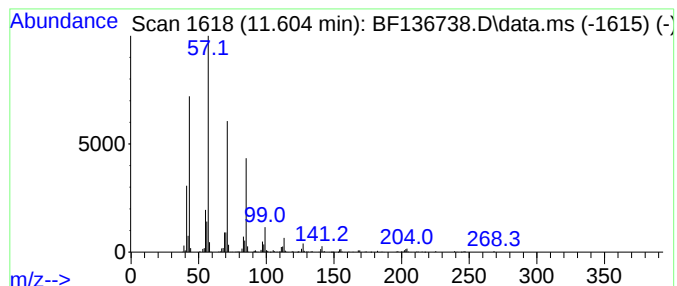
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	17.08 ng	350541	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	97
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

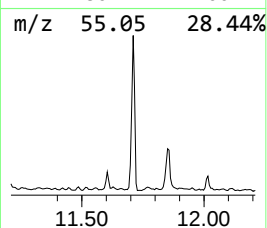
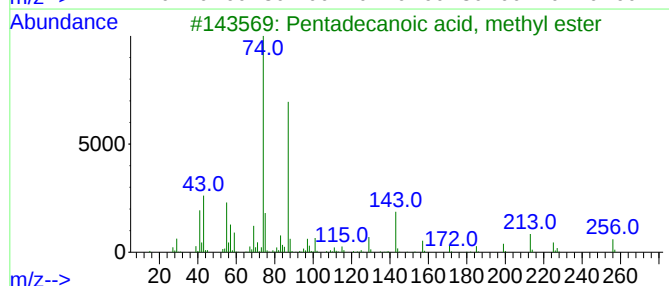
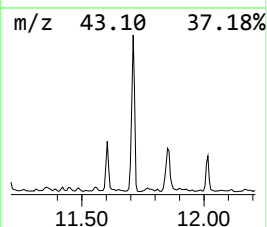
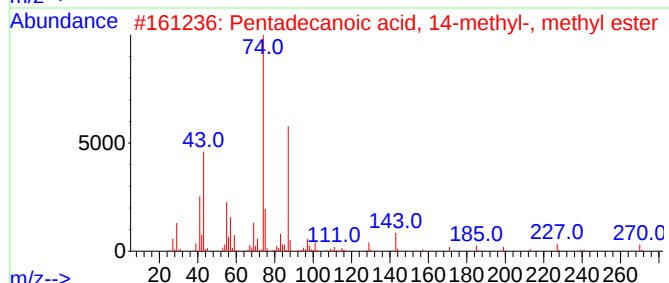
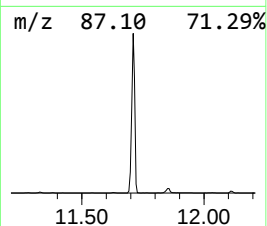
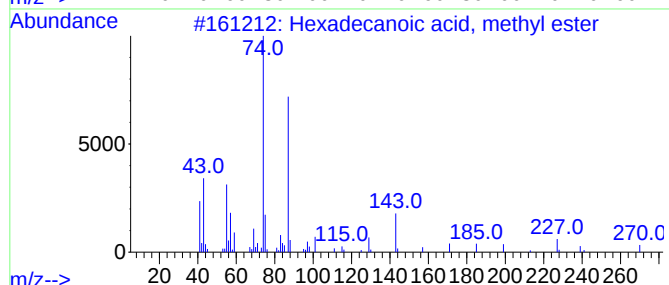
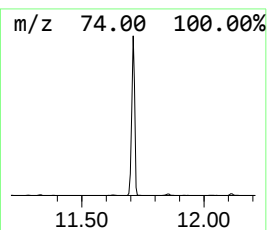
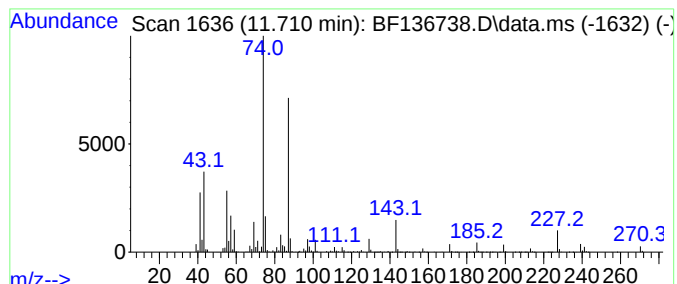
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	125.61 ng	2578240	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

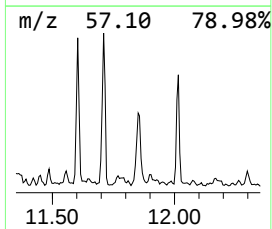
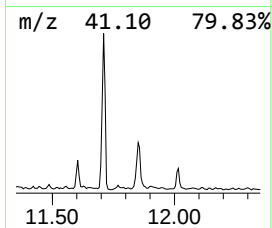
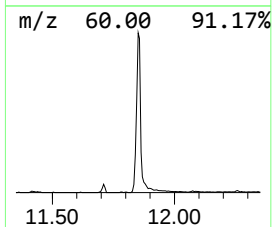
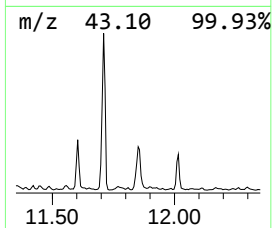
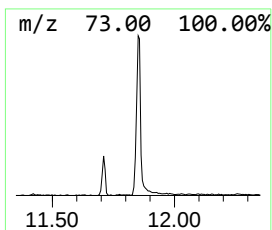
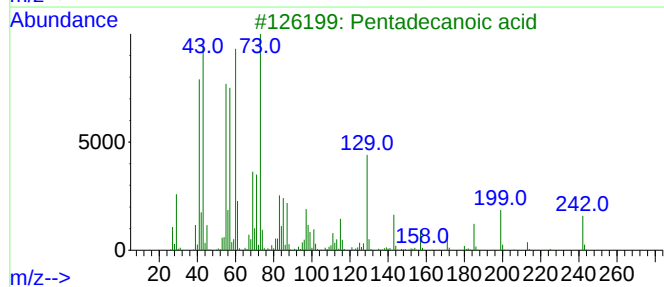
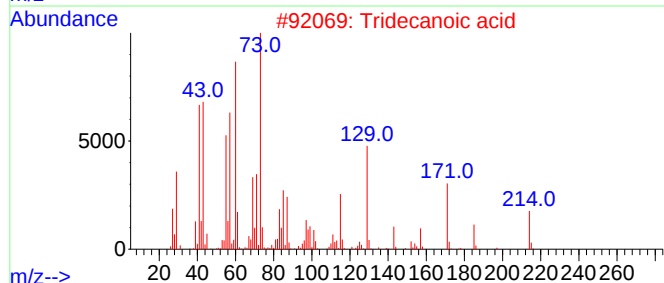
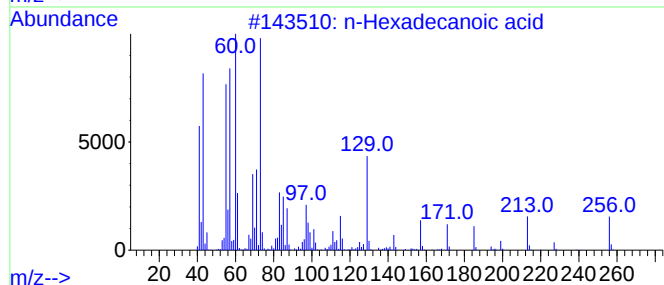
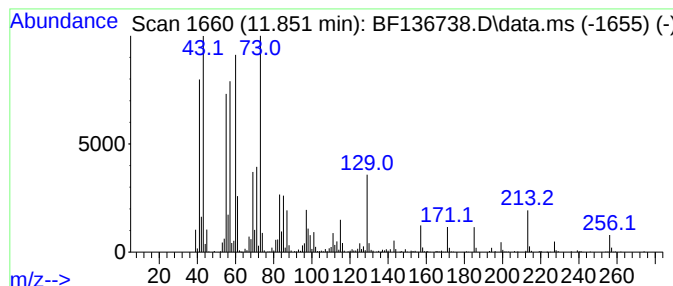
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	44.33 ng	909969	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

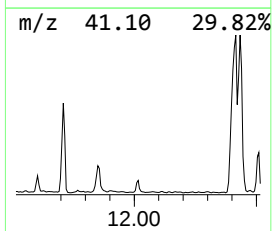
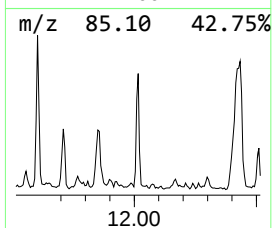
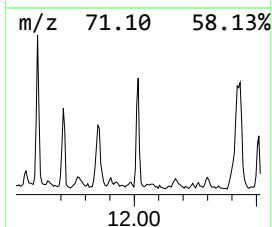
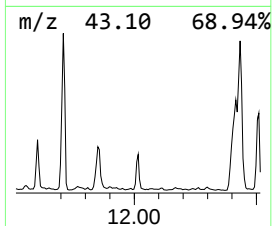
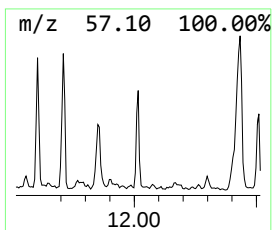
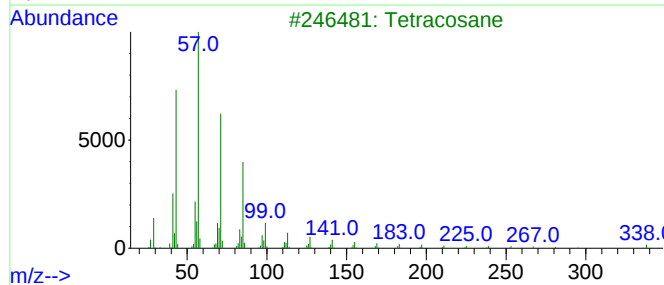
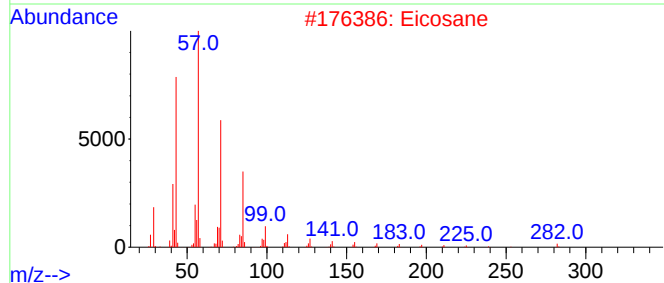
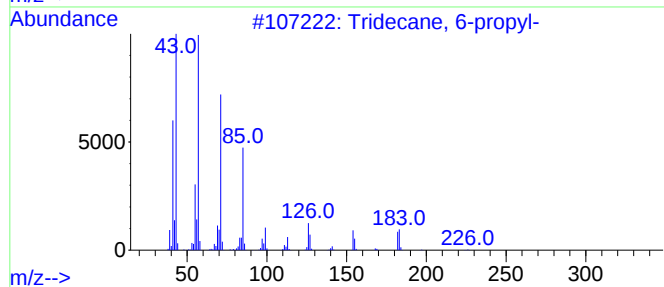
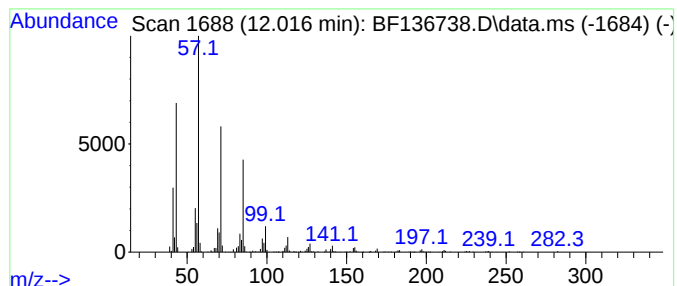
Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.016	15.11 ng	310226	Phenanthrene-d10	11.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

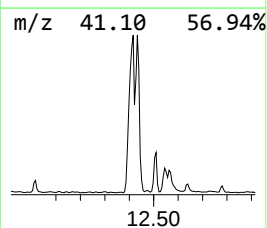
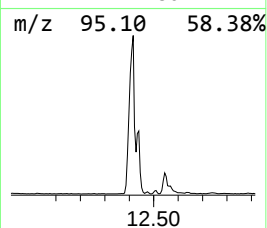
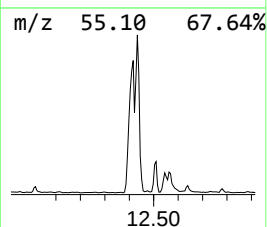
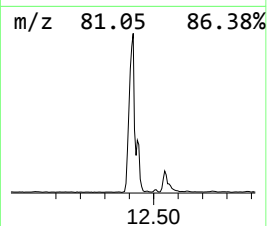
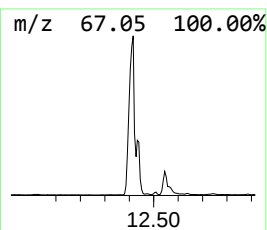
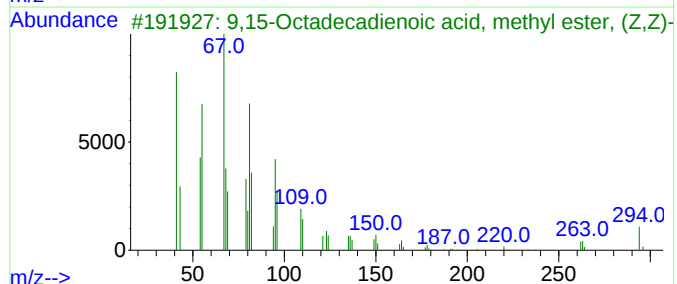
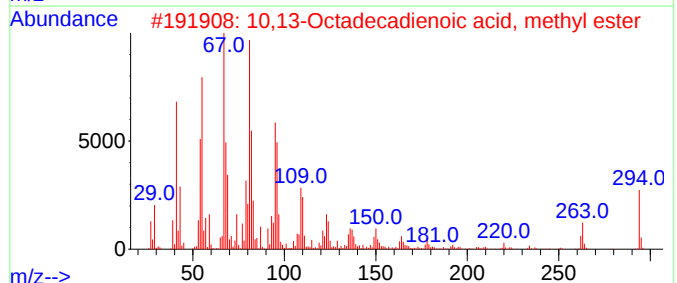
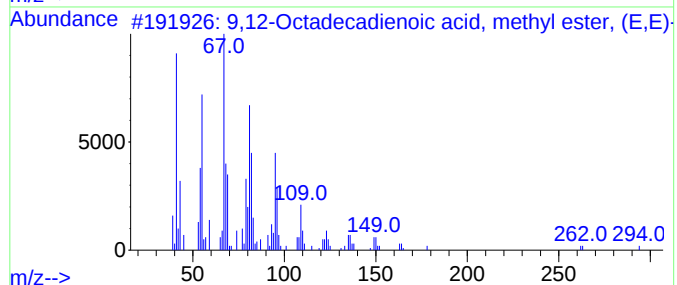
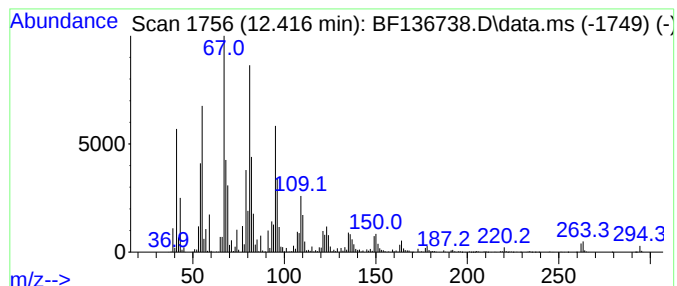
Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	407.28 ng	8359530	Phenanthrene-d10	11.310
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
2		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2 99
3		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6 99
4		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 99
5		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3 99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

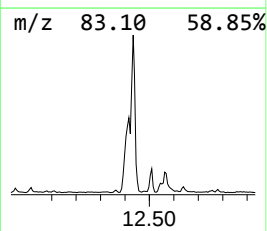
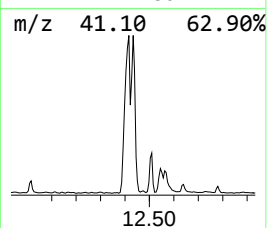
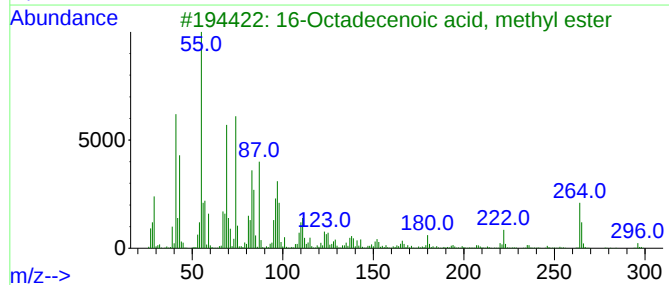
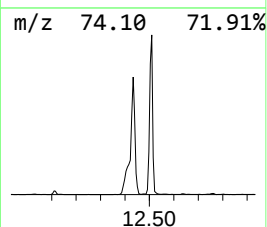
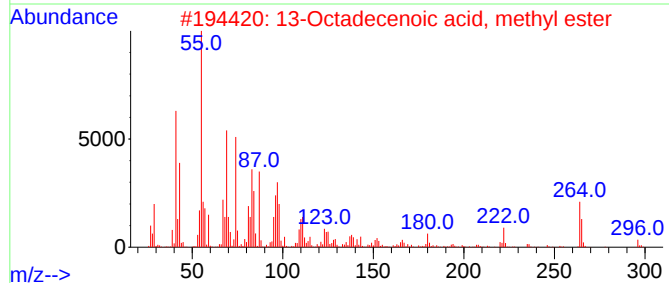
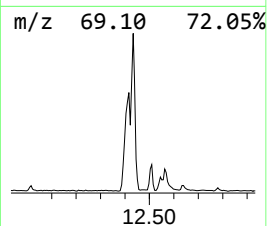
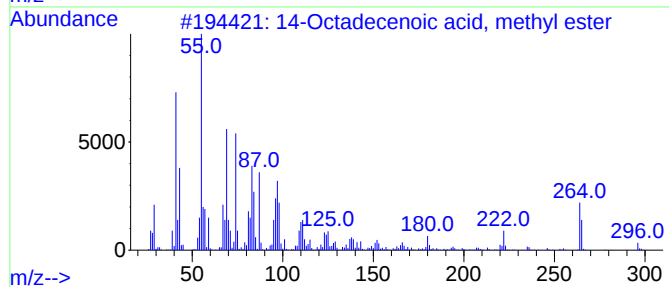
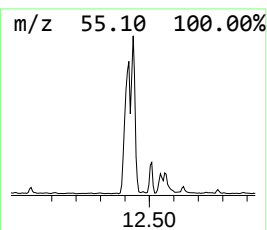
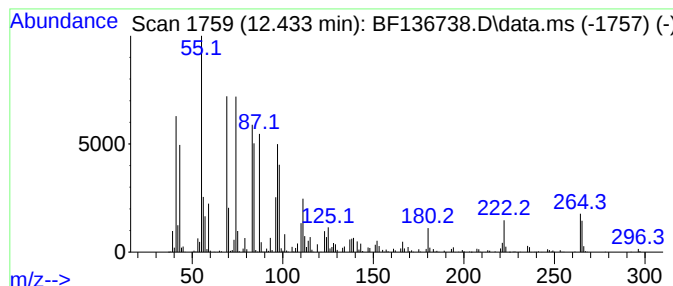
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 14-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	266.55 ng	5471040	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	92
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136738.D
Acq On : 27 Dec 2023 01:11
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

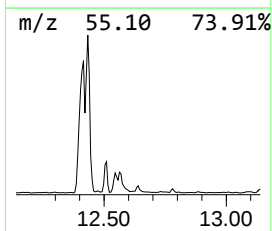
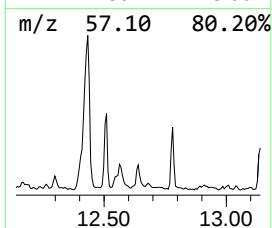
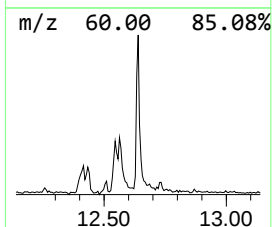
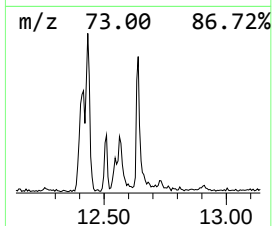
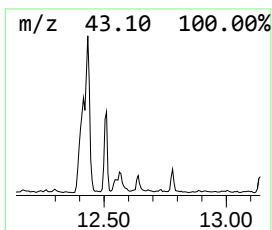
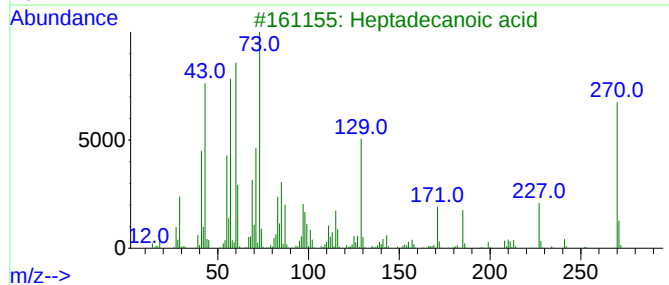
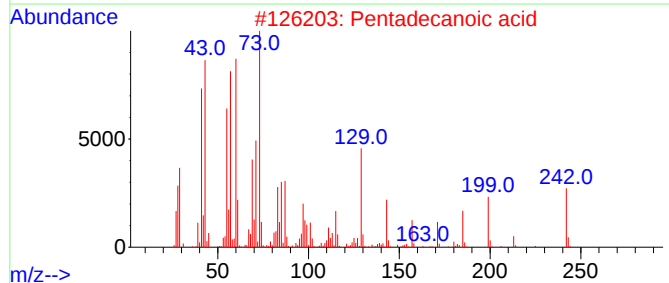
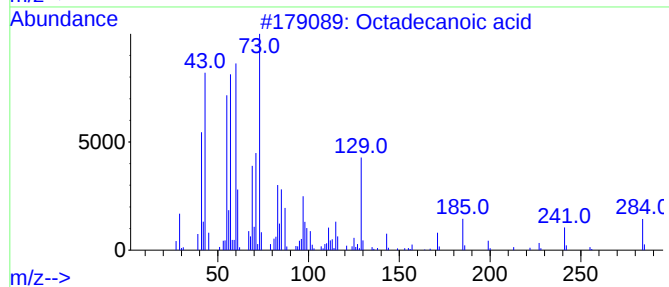
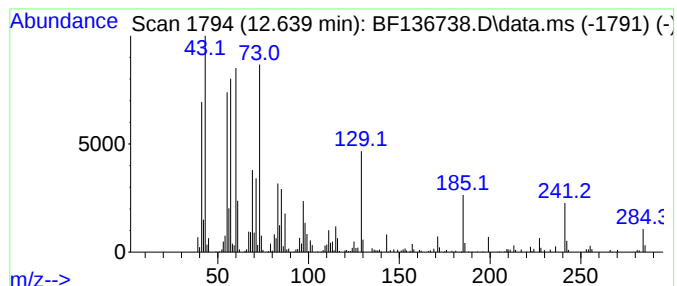
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	7.79 ng	225239	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Heptadecanoic acid	270	C17H34O2	000506-12-7	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136738.D
 Acq On : 27 Dec 2023 01:11
 Operator : CG\JU
 Sample : 05446-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-111523A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Undecane, 3,6-d...	8.122	8.2	ng	182613	2	8.057	444709	20.0
unknown8.351	8.351	9.0	ng	200618	2	8.057	444709	20.0
Naphthalene, 1,...	8.563	7.2	ng	159536	2	8.057	444709	20.0
Tridecane	8.651	19.4	ng	432384	2	8.057	444709	20.0
Hexadecane	9.216	25.5	ng	603707	3	9.816	473962	20.0
Carbonic acid, ...	9.539	13.6	ng	321992	3	9.816	473962	20.0
Pentadecane	9.751	22.8	ng	540900	3	9.816	473962	20.0
Octacosane	10.069	7.8	ng	184750	3	9.816	473962	20.0
Dodecane, 2-met...	10.251	21.9	ng	519830	3	9.816	473962	20.0
Pentadecane, 2,...	10.469	12.9	ng	304603	3	9.816	473962	20.0
Heptadecane	10.727	36.6	ng	750757	4	11.310	410504	20.0
Octadecane	11.175	21.5	ng	441453	4	11.310	410504	20.0
Octadecane, 1-i...	11.204	10.9	ng	222975	4	11.310	410504	20.0
Nonadecane	11.604	17.1	ng	350541	4	11.310	410504	20.0
Hexadecanoic ac...	11.710	125.6	ng	2578240	4	11.310	410504	20.0
n-Hexadecanoic ...	11.851	44.3	ng	909969	4	11.310	410504	20.0
Tridecane, 6-pr...	12.016	15.1	ng	310226	4	11.310	410504	20.0
9,12-Octadecadi...	12.416	407.3	ng	8359530	4	11.310	410504	20.0
14-Octadecenoic...	12.433	266.6	ng	5471040	4	11.310	410504	20.0
Octadecanoic acid	12.639	7.8	ng	225239	5	13.963	578142	20.0