

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122855.D
 Acq On : 24 Dec 2020 14:25
 Operator : JU/CG
 Sample : L5201-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-122320

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-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122855.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	565	571	574	rBV	3536887	3944686	22.07%	4.710%
2	6.457	738	743	757	rBV2	3247494	4290345	24.00%	5.123%
3	6.816	801	804	811	rVB	884117	717381	4.01%	0.857%
4	7.387	896	901	904	rBV	2499049	2512298	14.06%	3.000%
5	7.416	904	906	910	rVB	297172	219997	1.23%	0.263%
6	7.851	976	980	985	rVB5	108271	212142	1.19%	0.253%
7	8.087	1017	1020	1021	rVV	613955	602614	3.37%	0.720%
8	8.104	1021	1023	1026	rVV	970154	854696	4.78%	1.021%
9	8.163	1029	1033	1036	rVB2	181893	202417	1.13%	0.242%
10	8.392	1067	1072	1079	rBV6	156462	247606	1.39%	0.296%
11	8.604	1104	1108	1111	rBV2	245996	223964	1.25%	0.267%
12	8.692	1120	1123	1127	rBV	743838	638236	3.57%	0.762%
13	9.057	1181	1185	1189	rVB3	149770	206364	1.15%	0.246%
14	9.181	1201	1206	1209	rBV	4724664	4686529	26.22%	5.596%
15	9.257	1215	1219	1222	rBV	881069	796036	4.45%	0.951%
16	9.292	1222	1225	1228	rVV2	237741	278475	1.56%	0.333%
17	9.575	1269	1273	1276	rVV2	367889	518536	2.90%	0.619%
18	9.598	1276	1277	1281	rVV2	193751	180650	1.01%	0.216%
19	9.786	1306	1309	1313	rVB	942503	734892	4.11%	0.878%
20	9.857	1317	1321	1324	rVB	1335176	1141462	6.39%	1.363%
21	10.110	1360	1364	1368	rBV4	183815	236408	1.32%	0.282%
22	10.286	1388	1394	1397	rBV	960572	849312	4.75%	1.014%
23	10.510	1426	1432	1437	rBV	260776	373849	2.09%	0.446%
24	10.651	1449	1456	1459	rBV	3297933	3369959	18.85%	4.024%
25	10.757	1471	1474	1482	rVB	841160	991634	5.55%	1.184%
26	10.863	1489	1492	1495	rVB	298238	213403	1.19%	0.255%
27	11.210	1547	1551	1553	rBV	652191	593693	3.32%	0.709%
28	11.239	1553	1556	1561	rVB	274100	314087	1.76%	0.375%
29	11.345	1570	1574	1576	rBV	1161536	1136073	6.36%	1.357%
30	11.633	1620	1623	1625	rBV	684043	573181	3.21%	0.684%
31	11.657	1625	1627	1631	rVB	1024594	821431	4.60%	0.981%
32	11.745	1636	1642	1645	rBV	7174096	9302093	52.04%	11.108%
33	11.880	1660	1665	1671	rBV	751591	828028	4.63%	0.989%
34	12.039	1688	1692	1697	rBV2	552748	609894	3.41%	0.728%
35	12.451	1753	1762	1763	rBV2	7793962	17874171	100.00%	21.344%
36	12.533	1773	1776	1779	rBV	4449844	4143496	23.18%	4.948%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122855.D
 Acq On : 24 Dec 2020 14:25
 Operator : JU/CG
 Sample : L5201-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-122320

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-BF120520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.598	1779	1787	1793	rVV3	1748876	3299352	18.46%	3.940%
38	12.663	1796	1798	1803	rVB2	315048	287960	1.61%	0.344%
39	12.769	1812	1816	1818	rBV2	513140	536937	3.00%	0.641%
40	12.804	1818	1822	1828	rVB2	430432	589056	3.30%	0.703%
41	12.939	1840	1845	1848	rBV	4865521	5098990	28.53%	6.089%
42	13.086	1867	1870	1872	rBV	562333	483266	2.70%	0.577%
43	13.110	1872	1874	1878	rVV4	172320	216121	1.21%	0.258%
44	13.163	1879	1883	1884	rVV	452869	556897	3.12%	0.665%
45	13.174	1884	1885	1893	rVB2	665834	617375	3.45%	0.737%
46	13.251	1895	1898	1901	rVB	543743	455192	2.55%	0.544%
47	13.286	1901	1904	1909	rBV2	341586	506170	2.83%	0.604%
48	13.333	1909	1912	1915	rBV2	256351	310082	1.73%	0.370%
49	13.416	1923	1926	1933	rVB6	215151	404516	2.26%	0.483%
50	13.474	1933	1936	1939	rBV3	302398	367239	2.05%	0.439%
51	13.680	1967	1971	1976	rVB3	299734	390775	2.19%	0.467%
52	13.845	1994	1999	2004	rBV3	202385	437070	2.45%	0.522%
53	13.921	2009	2012	2016	rVB	353810	317166	1.77%	0.379%
54	13.986	2019	2023	2026	rBV	958626	897268	5.02%	1.071%
55	14.451	2098	2102	2108	rBV2	366937	656352	3.67%	0.784%
56	14.868	2169	2173	2181	rVB	416649	633833	3.55%	0.757%
57	15.445	2267	2271	2279	rBV	715892	1041831	5.83%	1.244%
58	15.886	2343	2346	2353	rVB	142209	199440	1.12%	0.238%

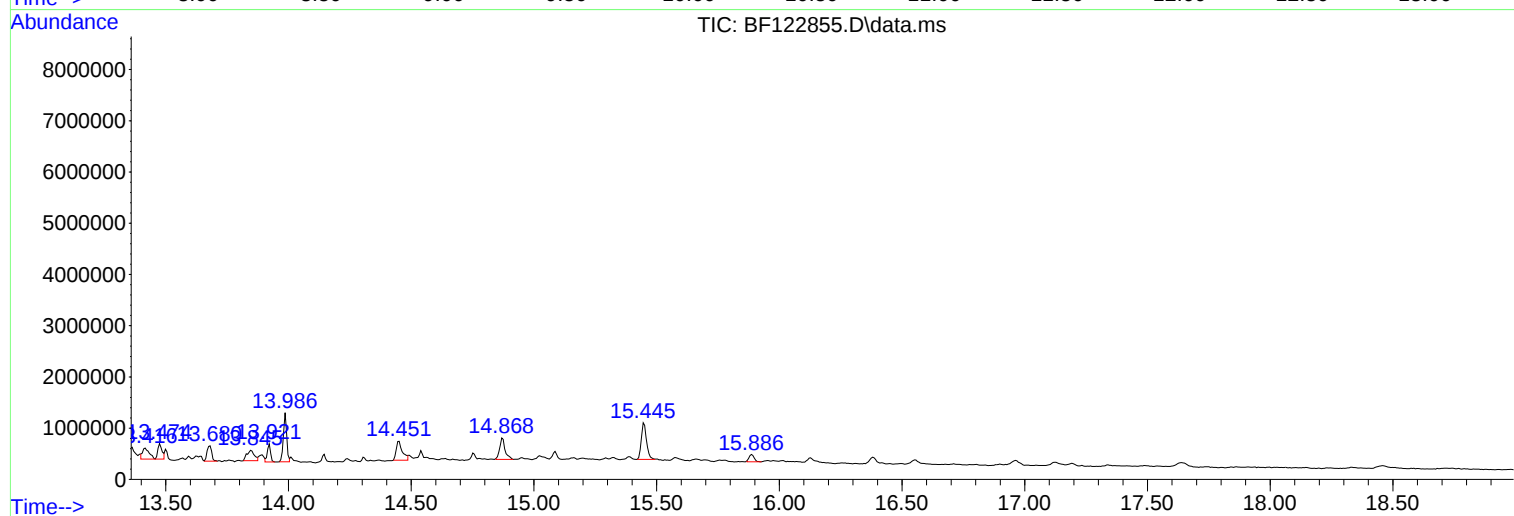
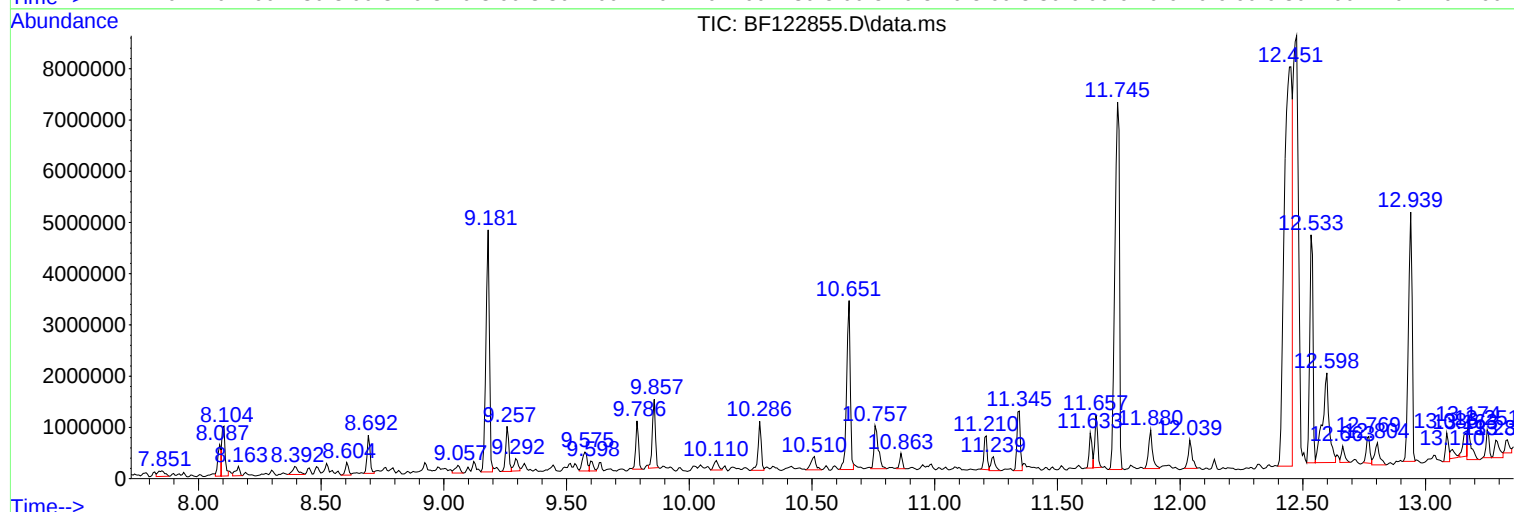
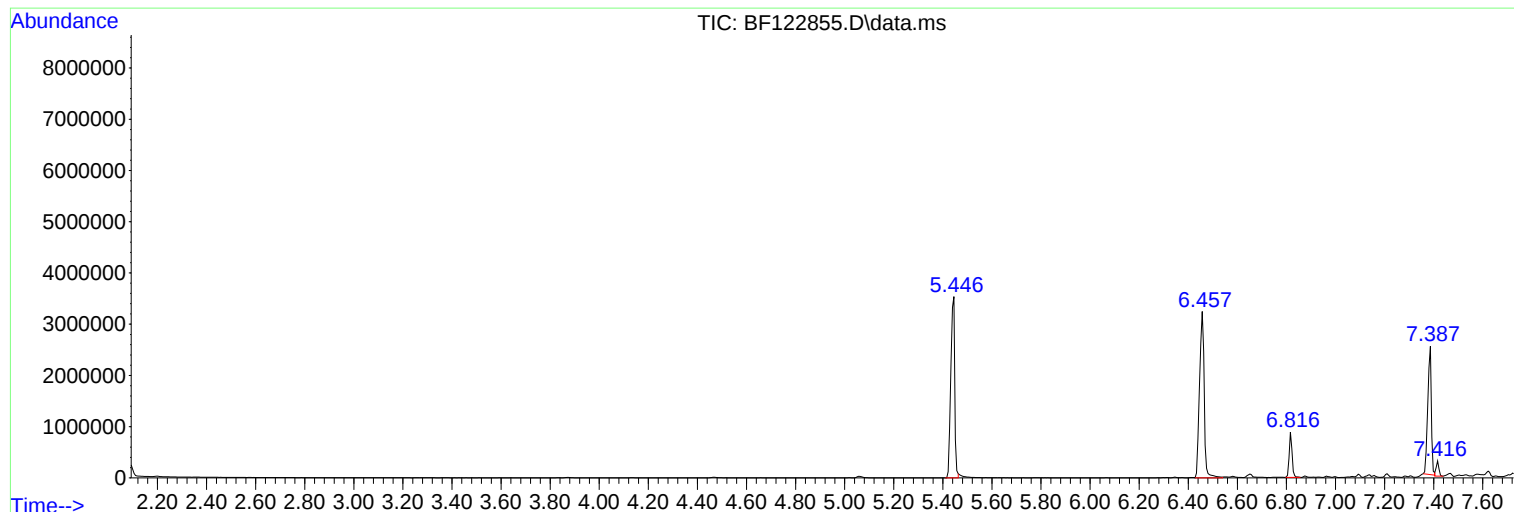
Sum of corrected areas: 83742926

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

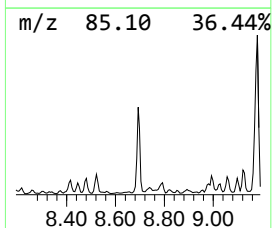
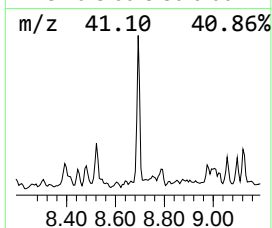
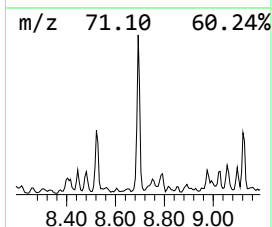
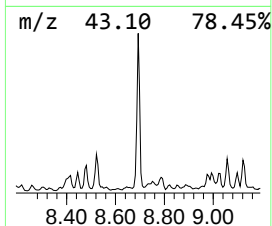
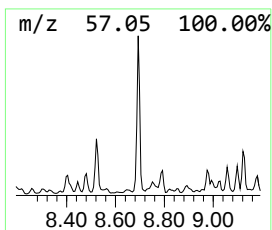
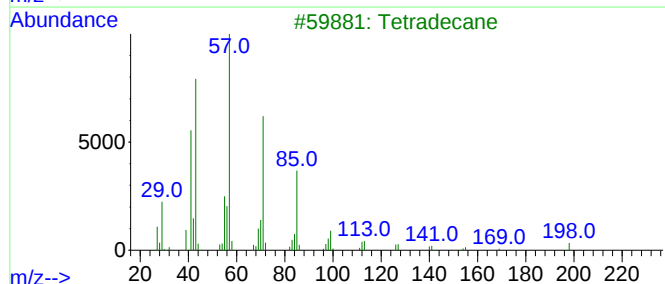
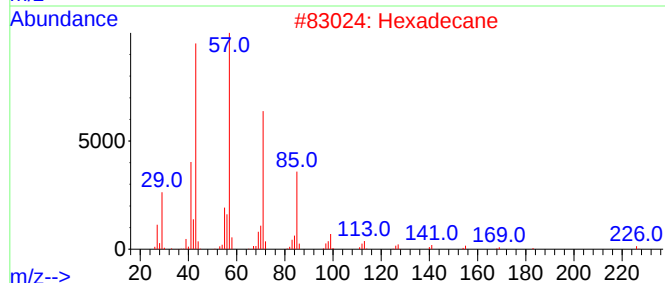
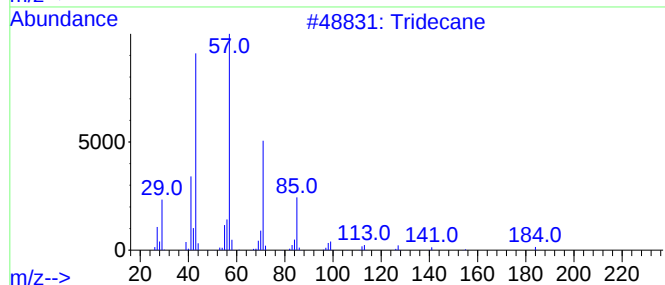
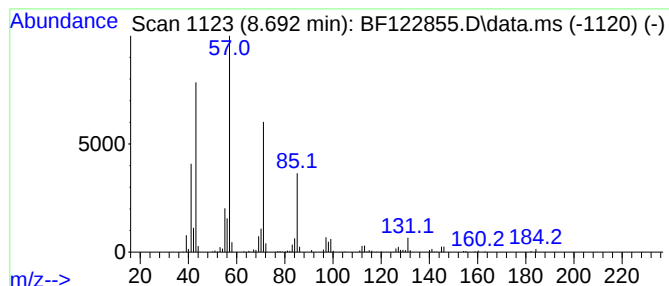
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	14.93 ng	638236	Naphthalene-d8	8.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Hexadecane	226	C16H34	000544-76-3	83
3			Tetradecane	198	C14H30	000629-59-4	83
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

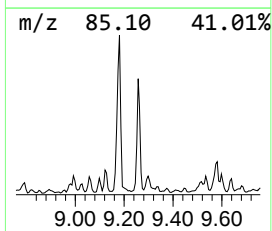
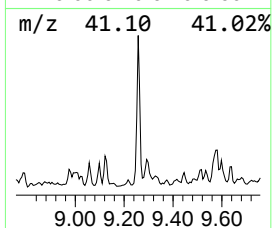
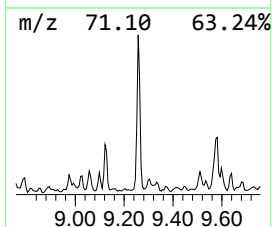
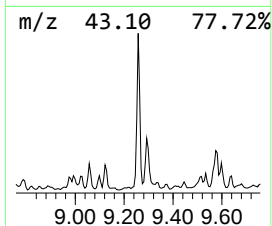
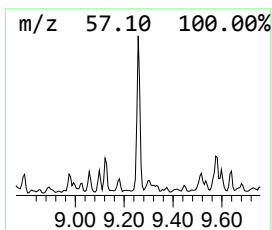
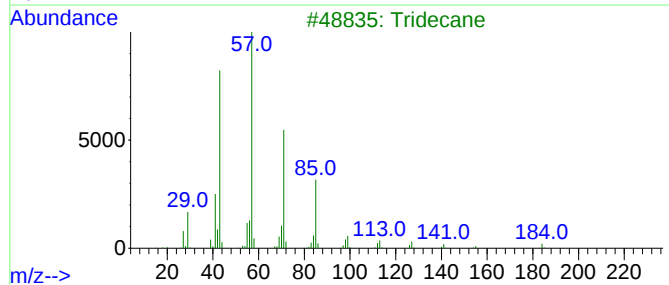
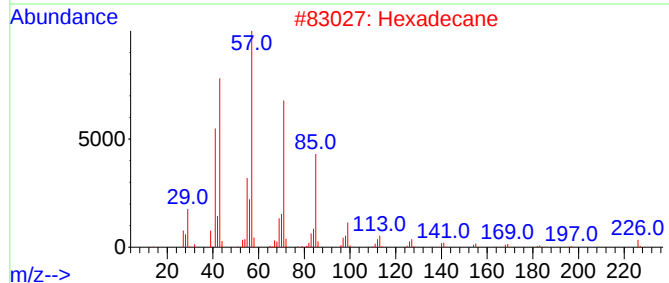
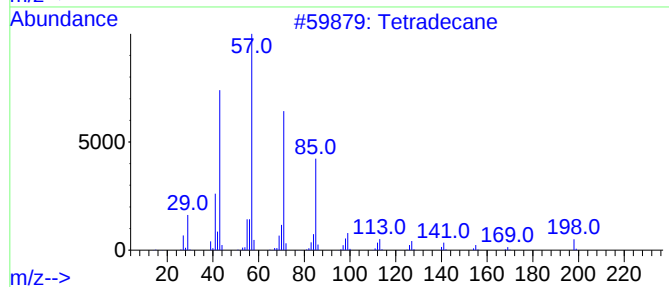
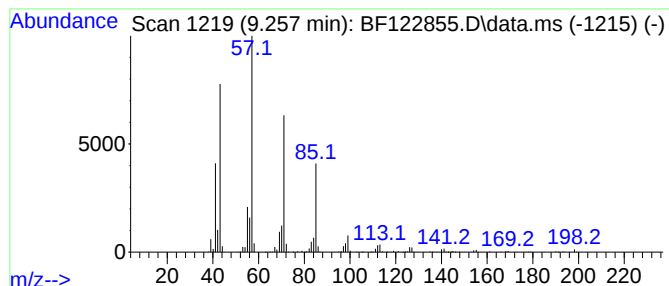
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	13.95 ng	796036	Acenaphthene-d10	9.857

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

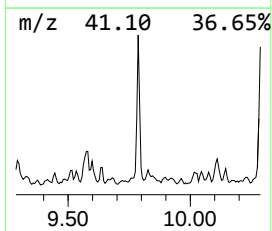
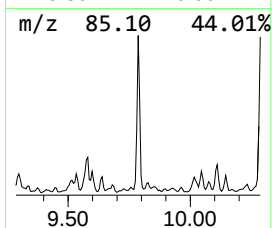
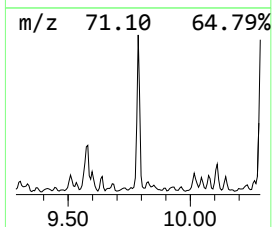
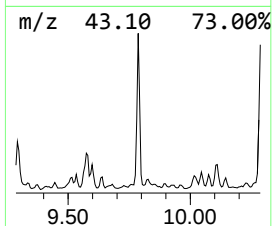
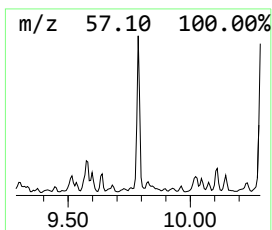
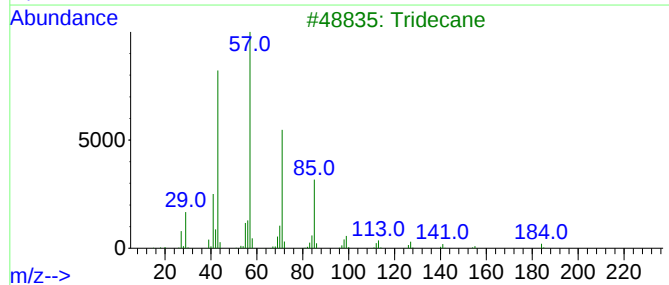
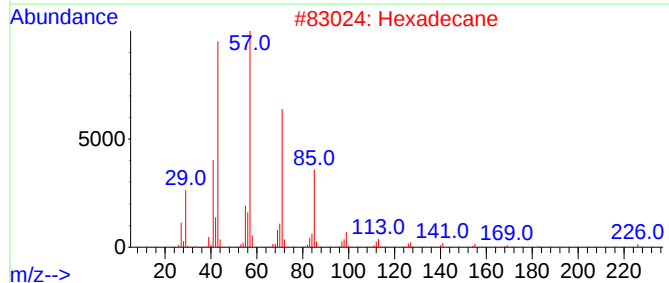
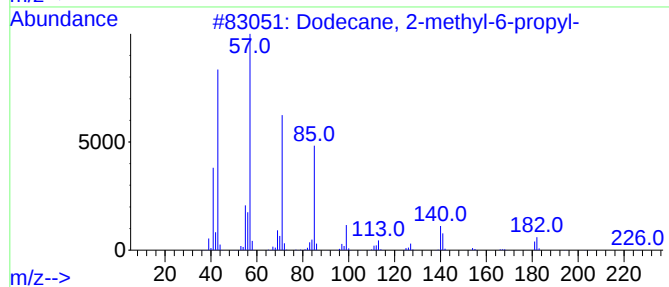
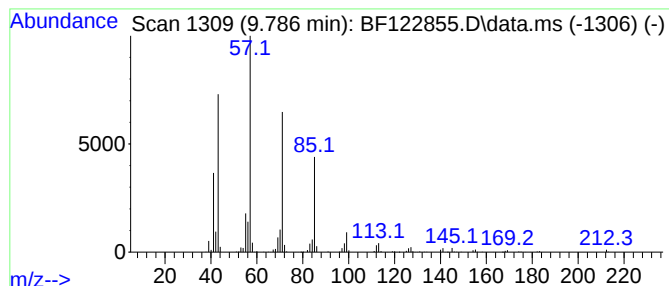
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	12.88 ng	734892	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2			Hexadecane	226	C16H34	000544-76-3	80
3			Tridecane	184	C13H28	000629-50-5	80
4			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

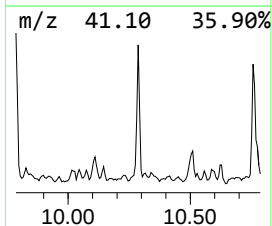
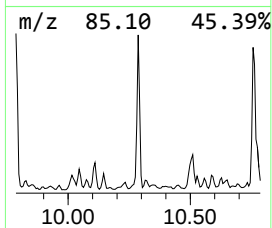
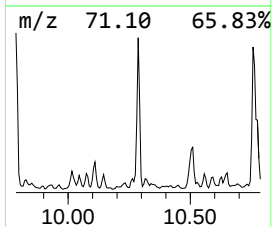
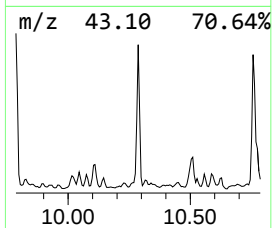
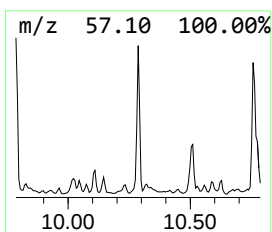
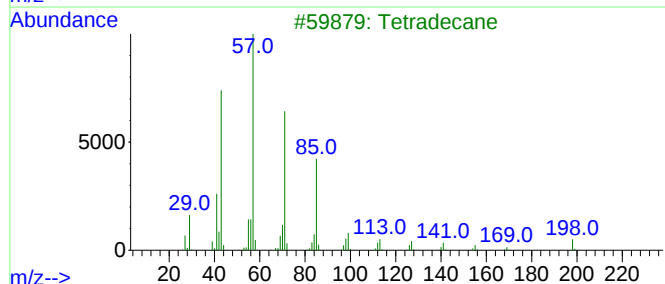
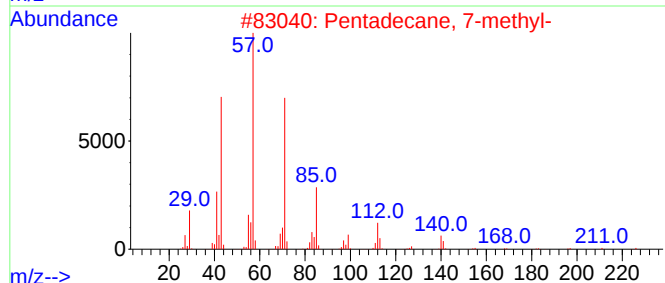
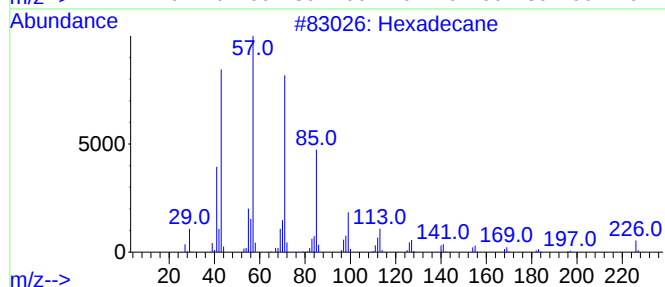
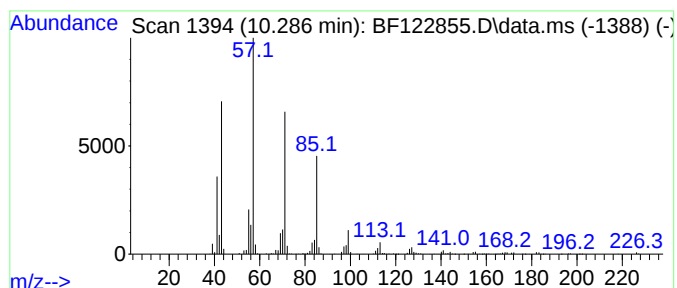
Instrument :
BNA_F
ClientSampleId :
HD-02-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.286	14.88 ng	849312	Acenaphthene-d10	9.857	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

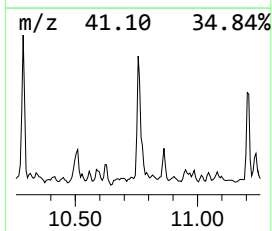
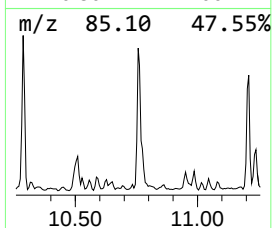
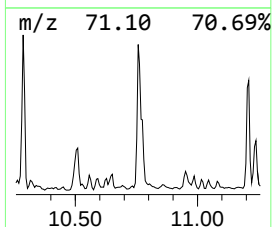
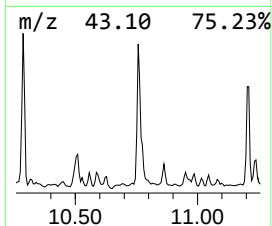
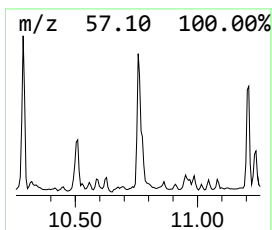
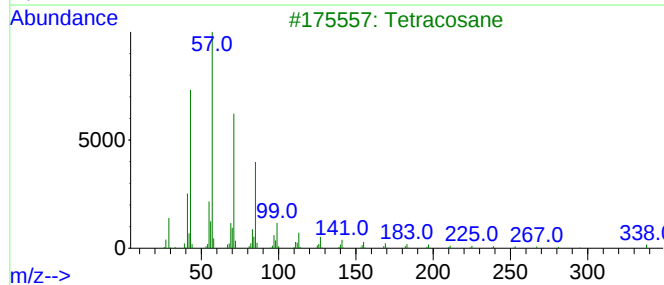
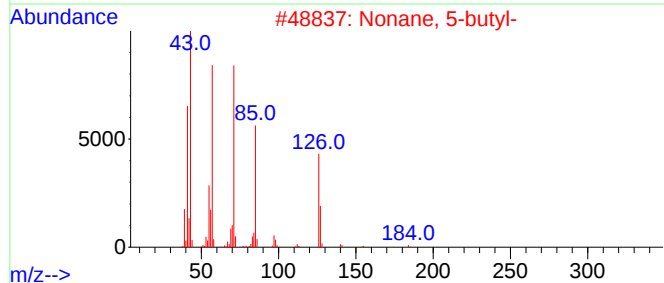
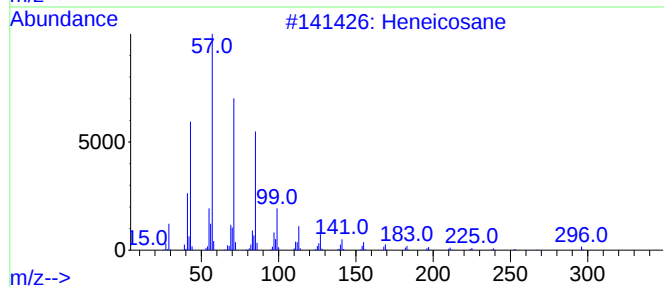
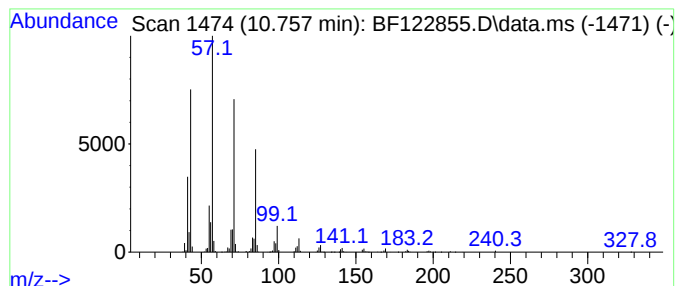
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	17.46 ng	991634	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

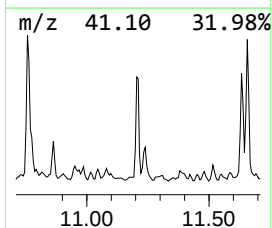
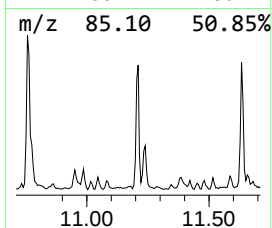
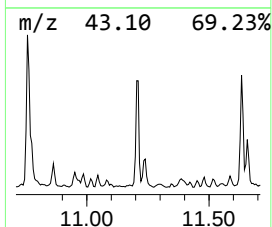
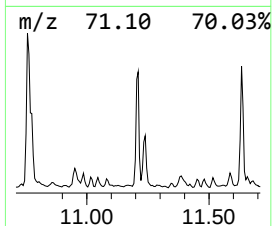
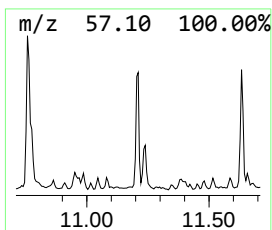
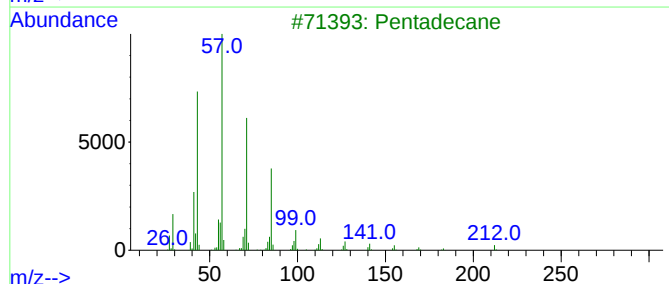
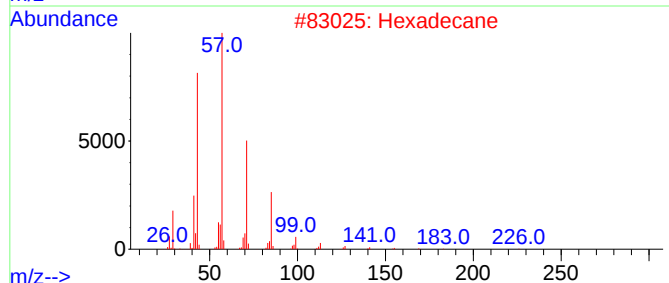
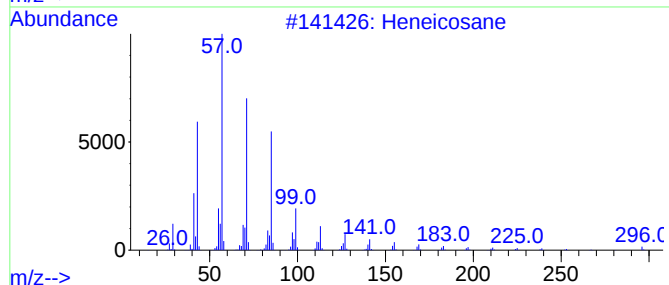
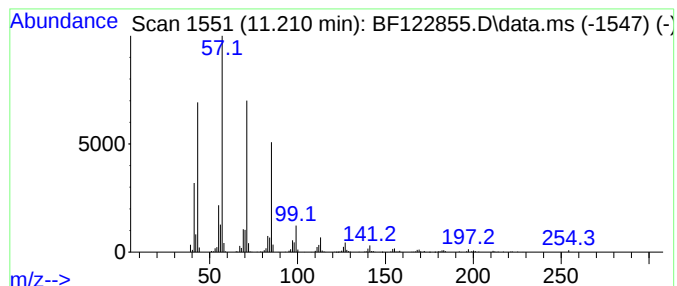
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	10.45 ng	593693	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Pentadecane	212	C15H32	000629-62-9	87
4			Tetradecane	198	C14H30	000629-59-4	87
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

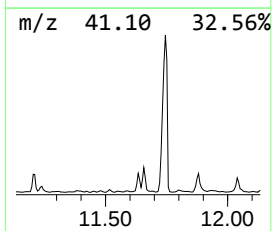
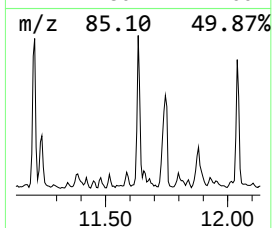
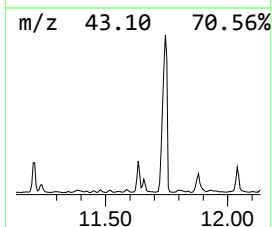
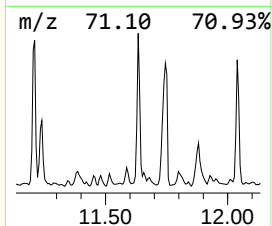
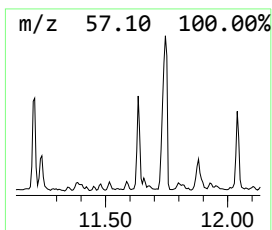
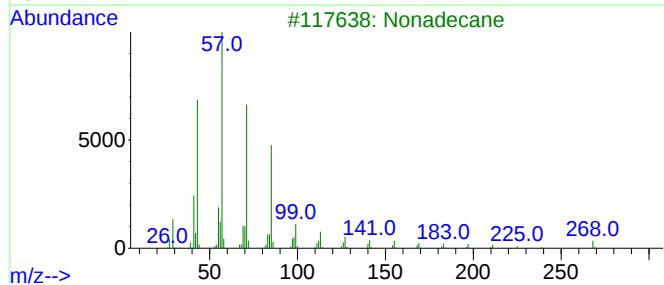
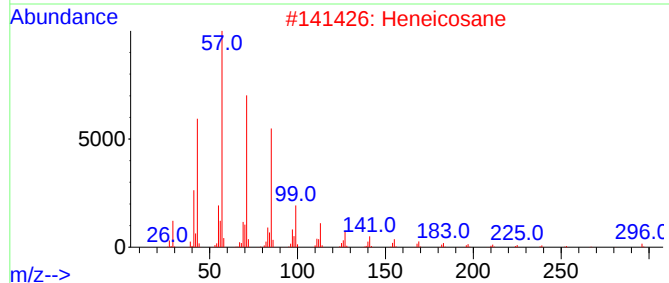
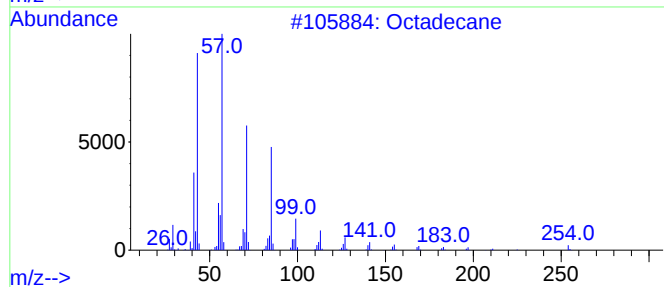
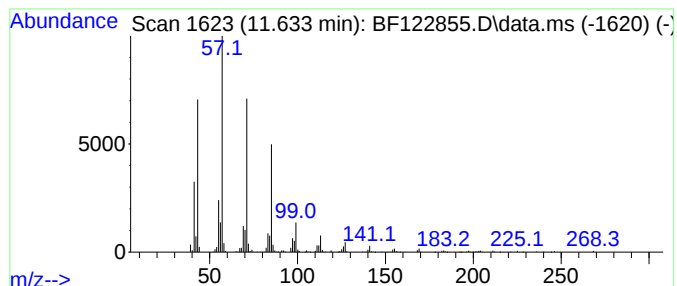
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	10.09 ng	573181	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			9-methylheptadecane	254	C18H38	026741-18-4	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

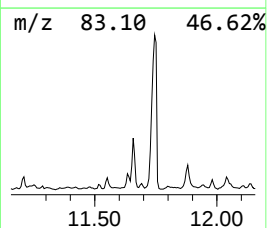
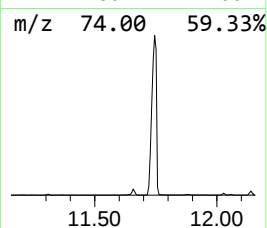
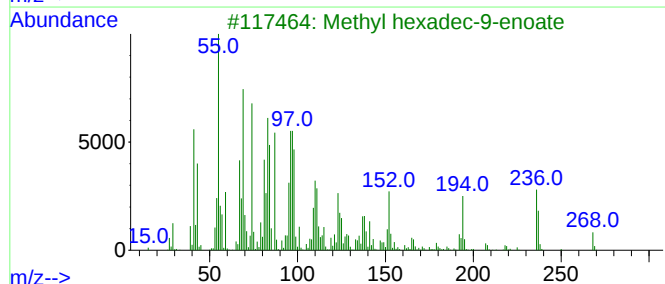
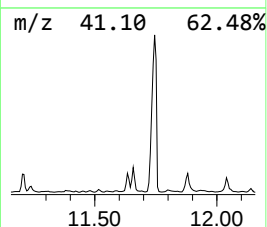
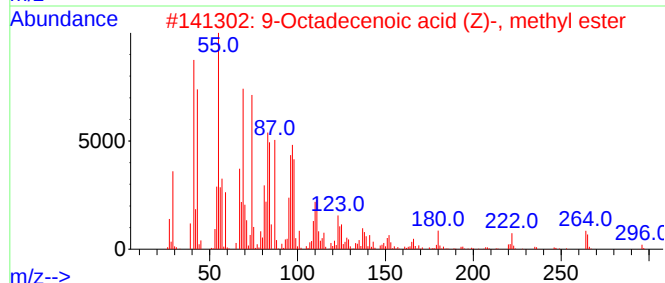
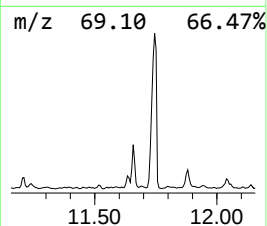
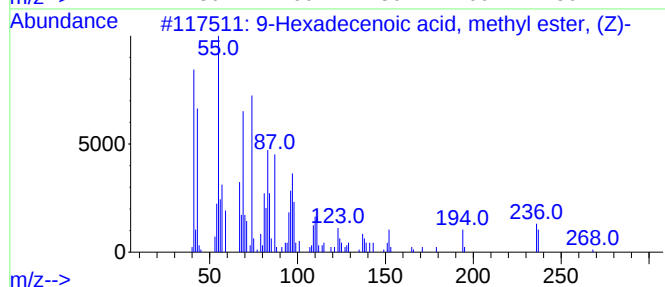
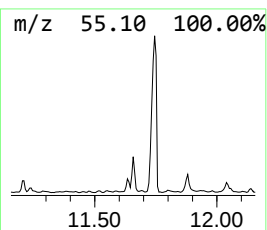
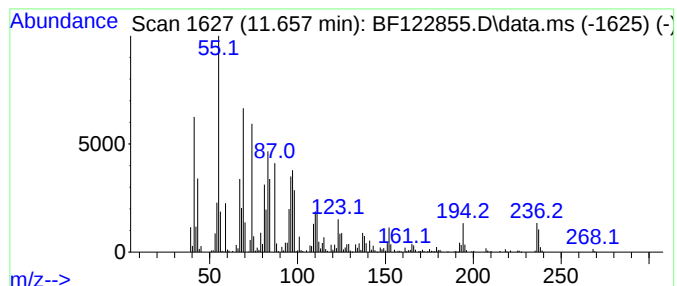
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9-Hexadecenoic acid, methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	14.46 ng	821431	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3			Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
4			14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	91
5			Cyclopropanoic acid, 2-hex...	282	C18H34O2	010152-61-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

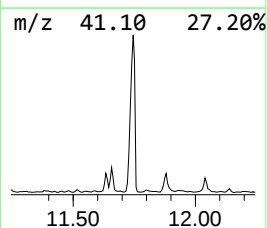
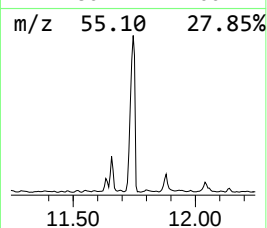
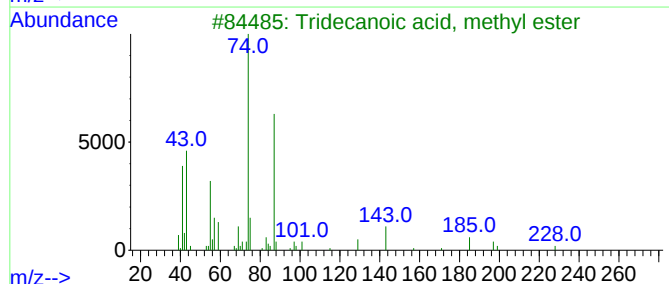
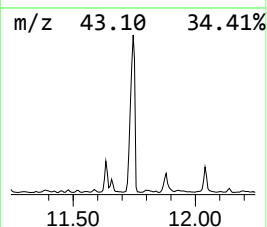
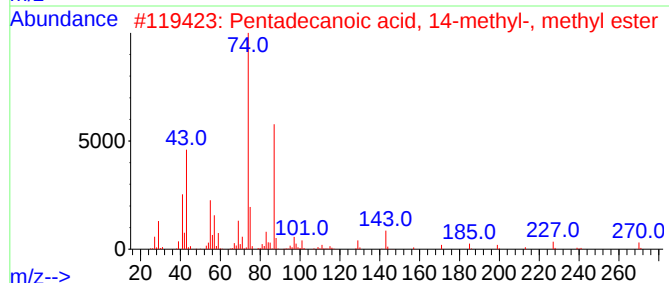
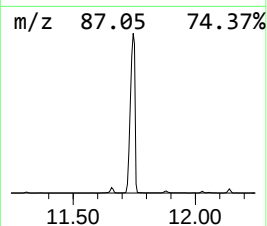
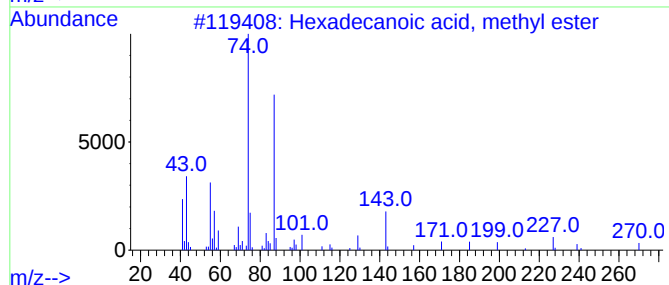
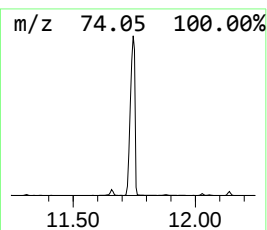
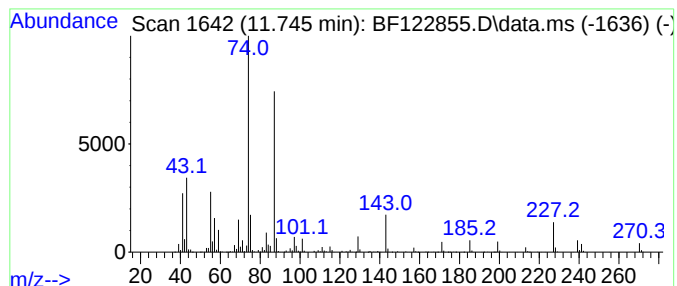
Instrument :
BNA_F
ClientSampleId :
HD-02-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.745	163.76 ng	9302090	Phenanthrene-d10	11.345	
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	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

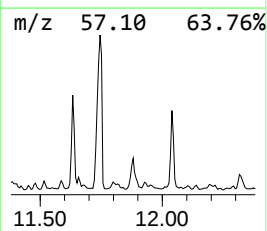
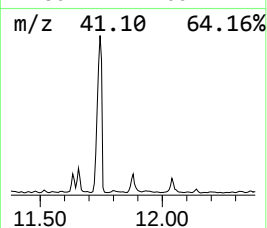
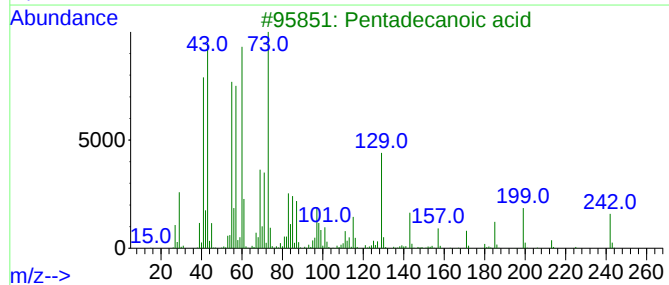
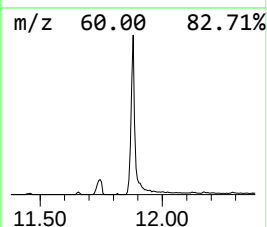
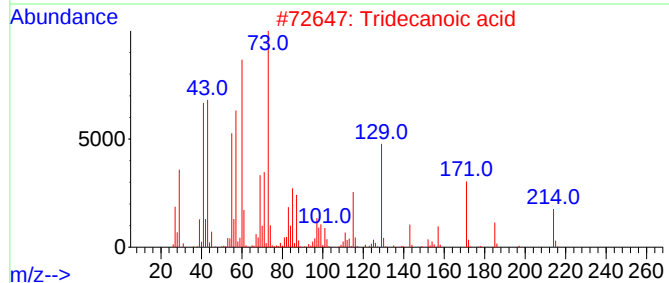
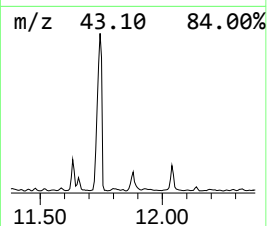
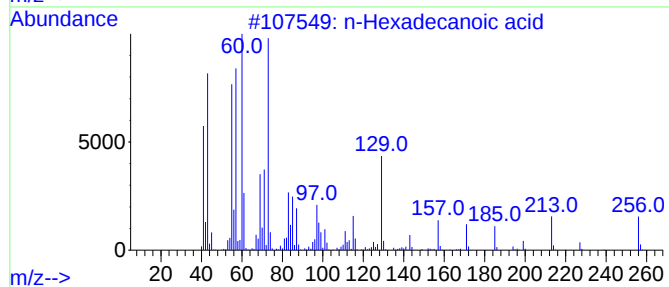
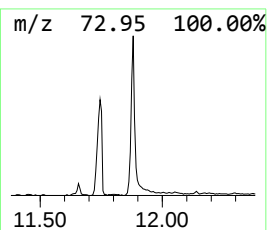
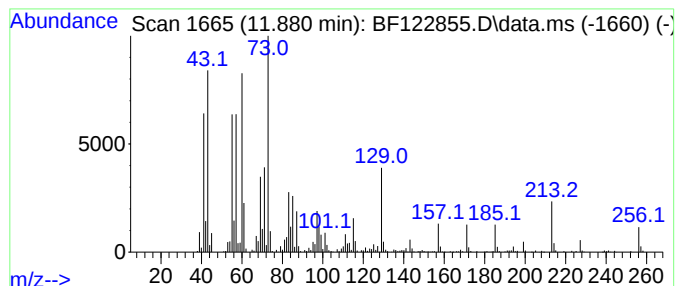
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	14.58 ng	828028	Phenanthrene-d10	11.345

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	96
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

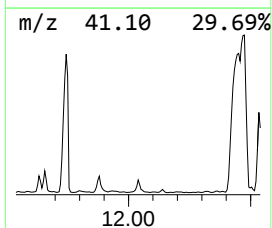
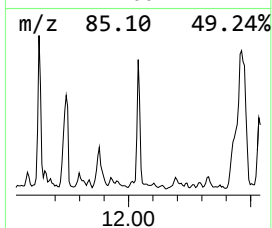
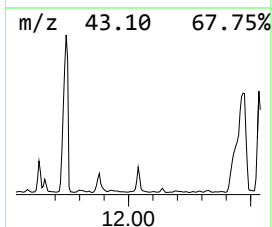
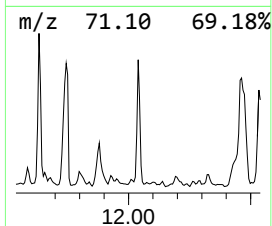
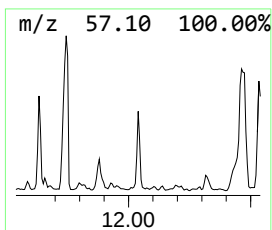
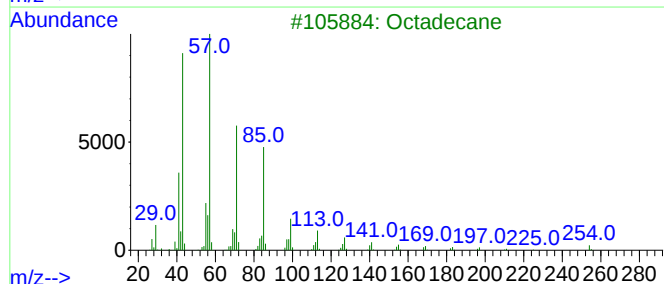
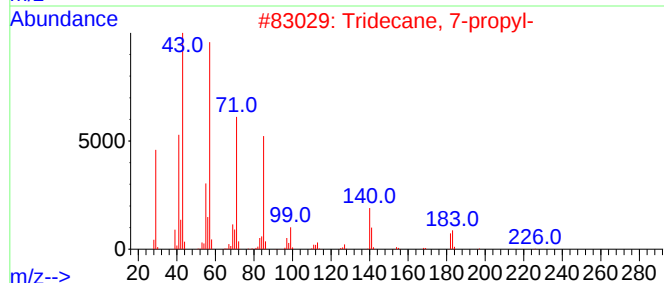
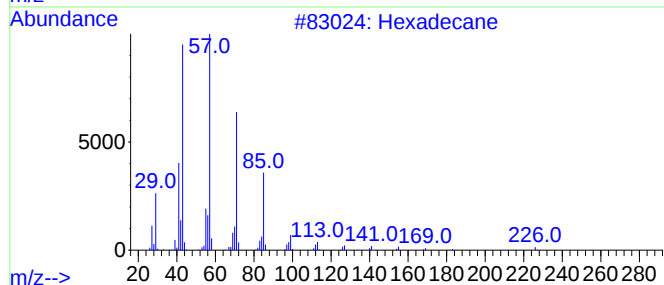
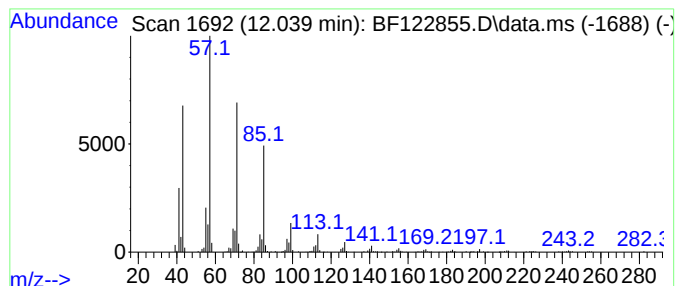
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	10.74 ng	609894	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
3			Octadecane	254	C18H38	000593-45-3	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

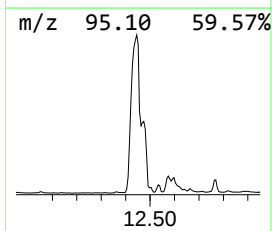
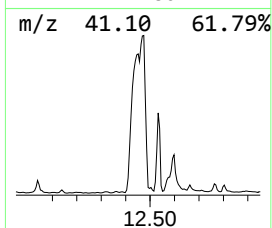
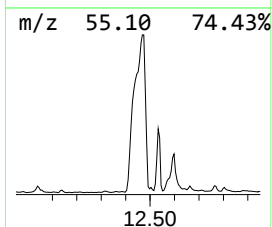
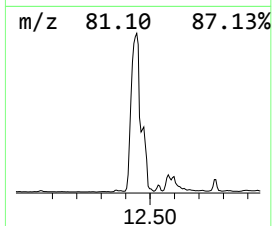
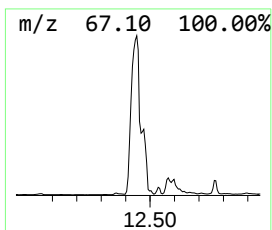
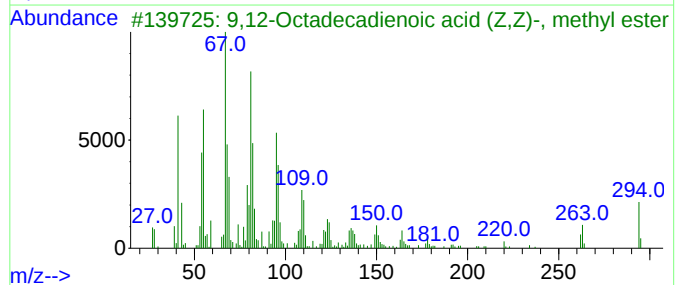
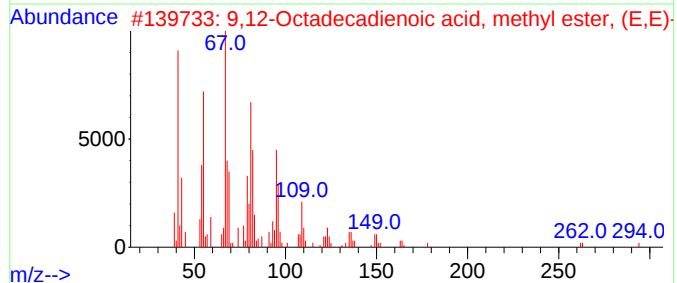
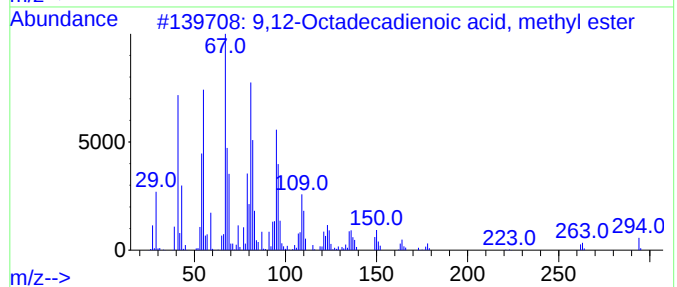
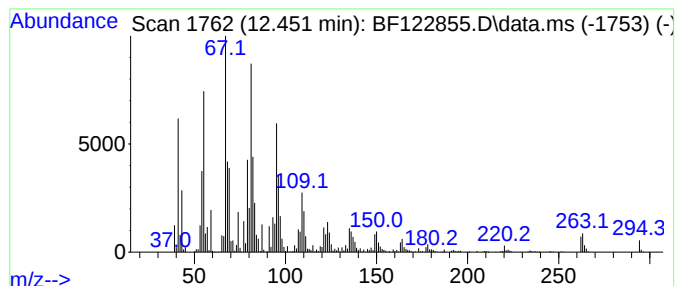
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	314.67 ng	17874200	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99		
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

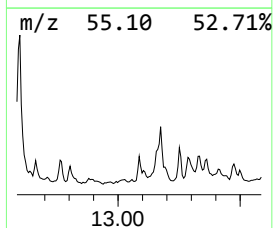
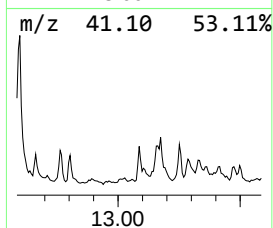
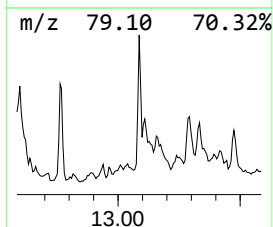
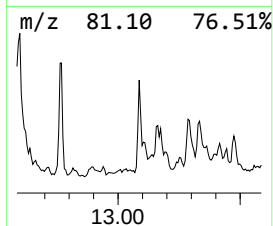
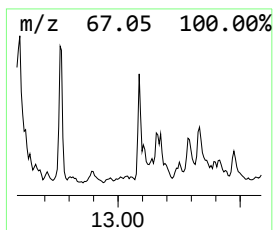
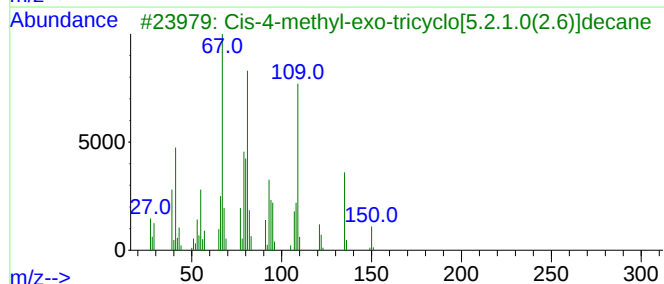
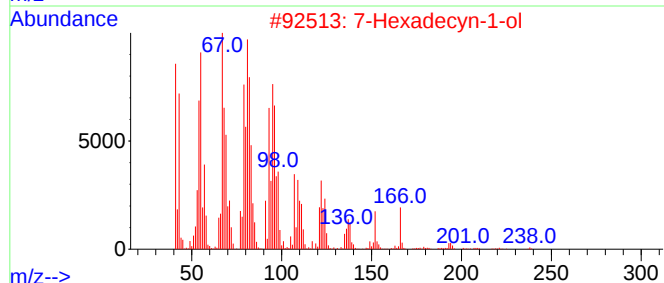
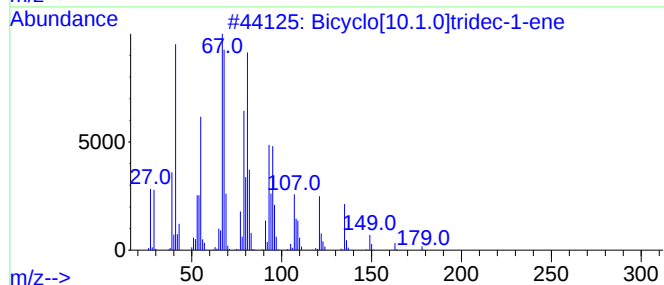
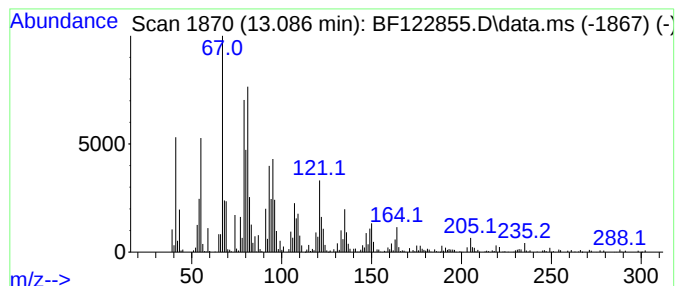
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	10.77 ng	483266	Chrysene-d12	13.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	91
2			7-Hexadecyn-1-ol	238	C16H30O	000822-21-9	74
3			Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	64
4			cis-3-Methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-28-9	58
5			Cyclooctene, 3-(1-methylethenyl)-	150	C11H18	061233-78-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

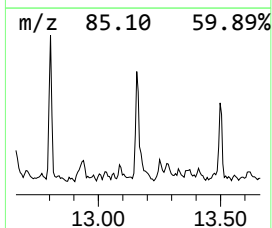
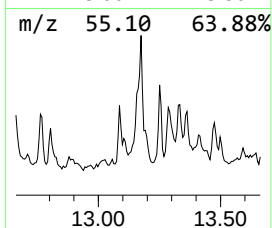
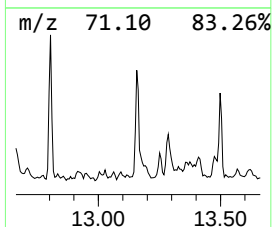
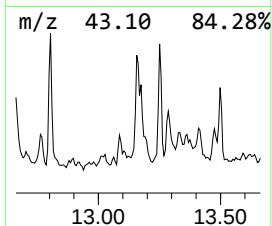
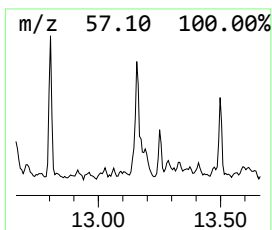
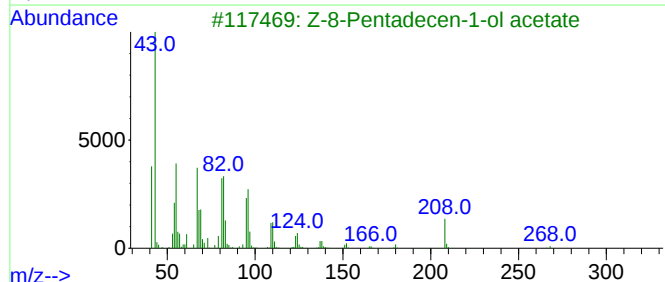
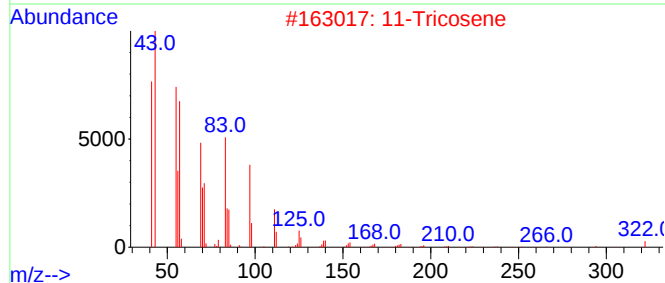
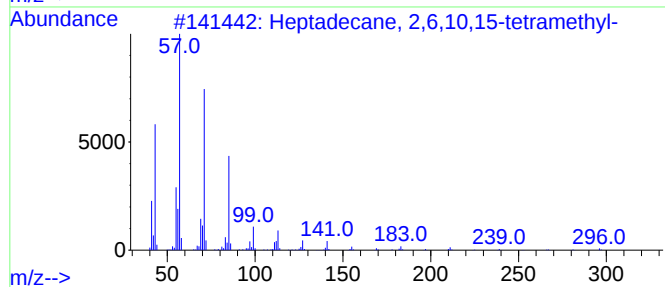
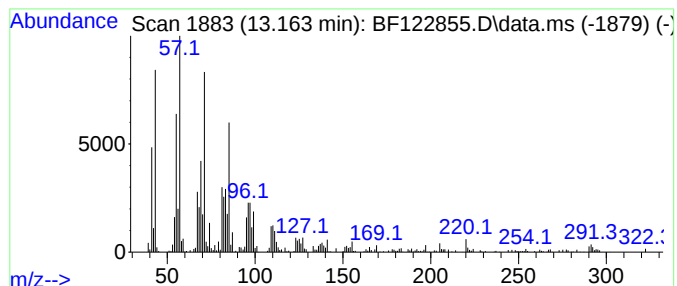
Instrument :
BNA_F
ClientSampleId :
HD-02-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.163	12.41 ng	556897	Chrysene-d12	13.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2	11-Tricosene	322	C23H46	052078-56-5	59
3	Z-8-Pentadecen-1-ol acetate	268	C17H32O2	1000130-85-1	56
4	Cetene	224	C16H32	000629-73-2	53
5	Octadecane	254	C18H38	000593-45-3	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

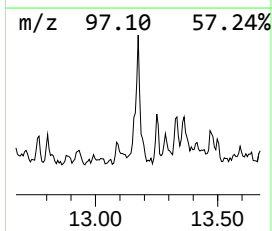
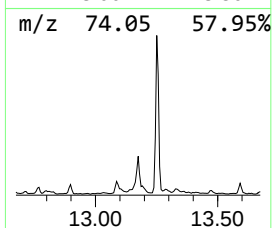
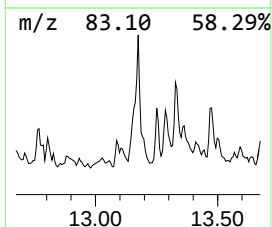
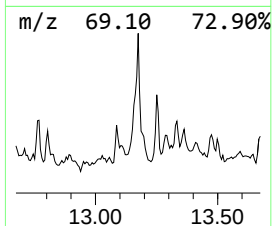
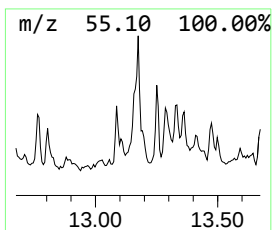
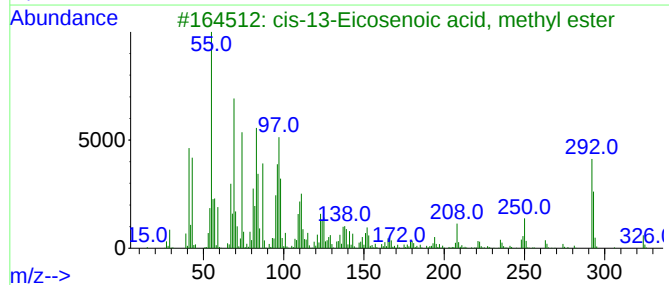
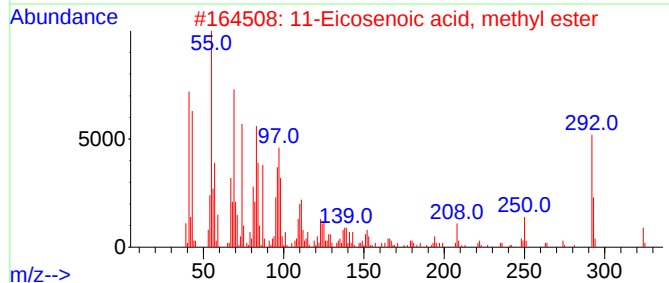
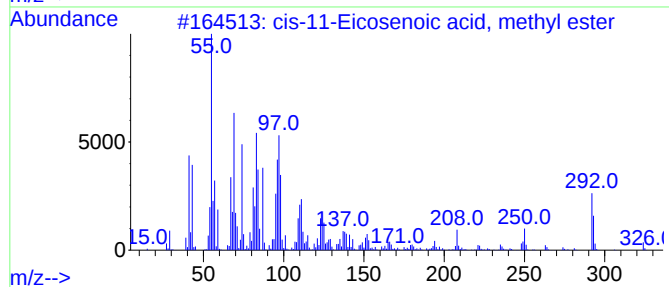
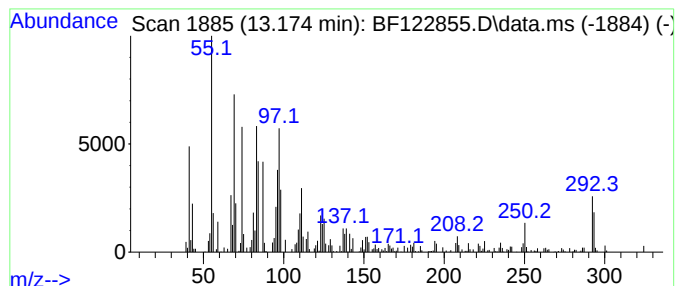
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 cis-11-Eicosenoic acid, met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	13.76 ng	617375	Chrysene-d12	13.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
2			11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
3			cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	94
4			cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	89
5			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

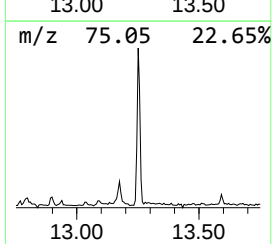
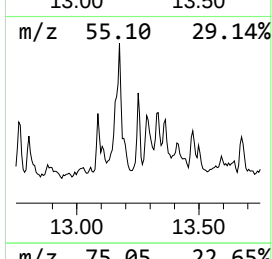
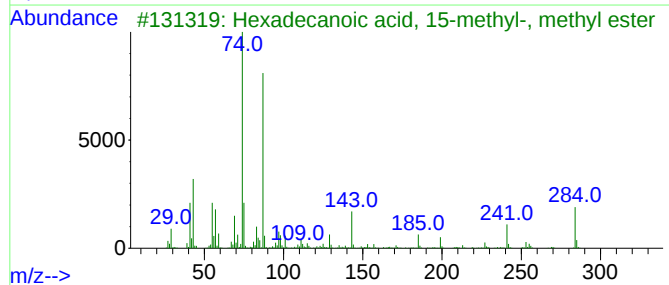
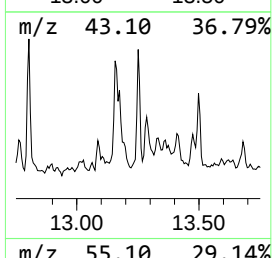
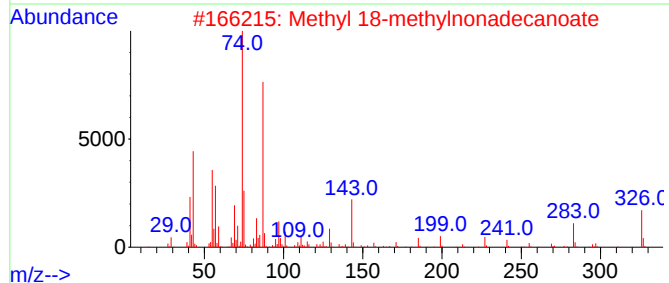
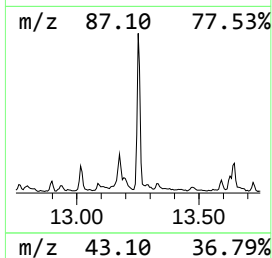
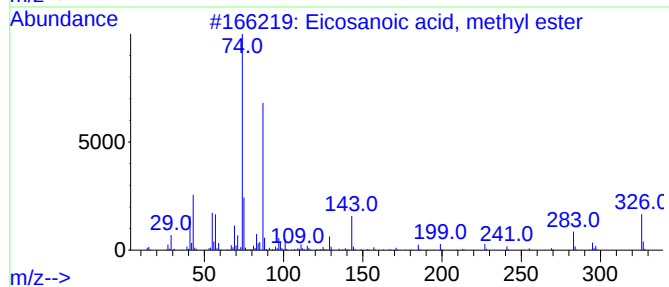
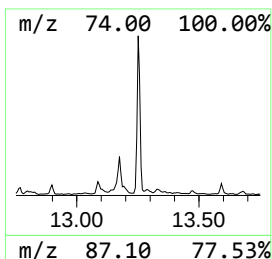
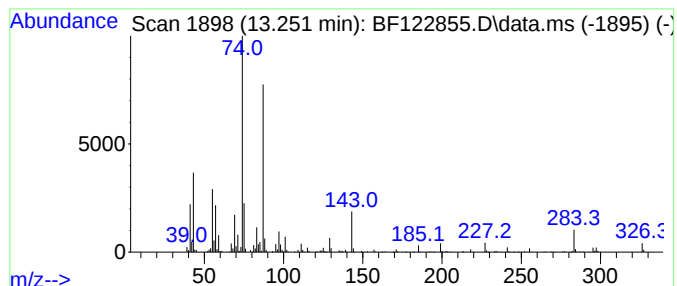
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Eicosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	10.15 ng	455192	Chrysene-d12	13.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2			Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	98
3			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4			Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
5			Methyl stearate	298	C19H38O2	000112-61-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

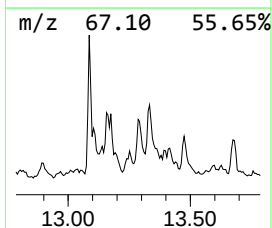
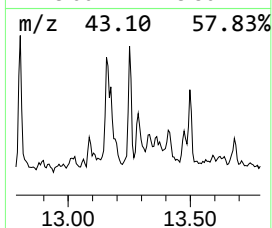
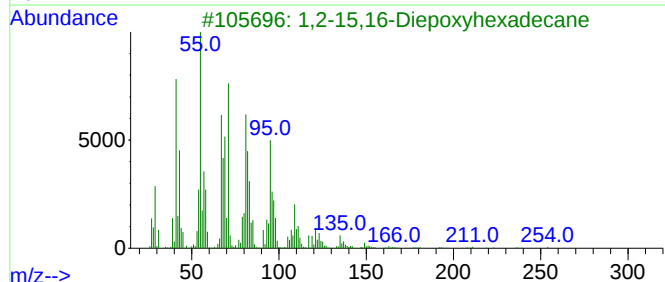
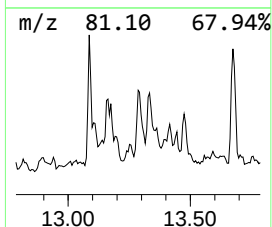
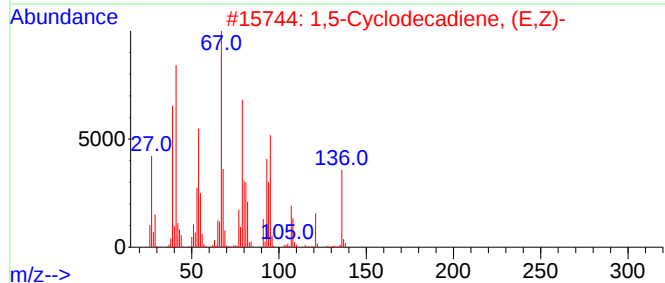
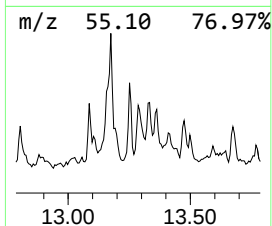
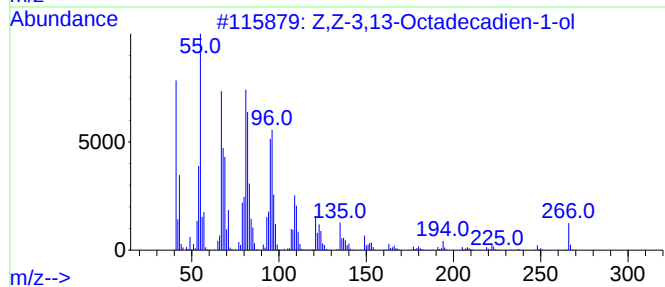
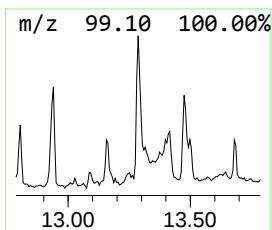
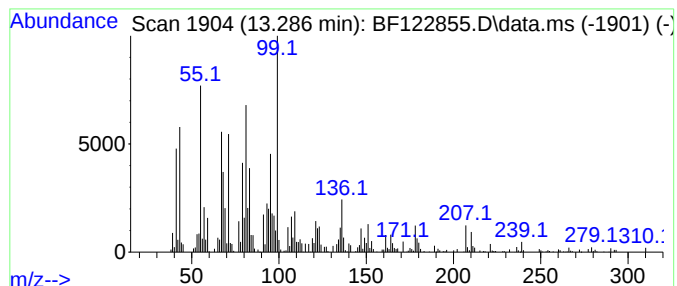
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	11.28 ng	506170	Chrysene-d12	13.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Z,Z-3,13-Octadecadien-1-ol	266	C18H34O	1000131-10-9	43
2			1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	42
3			1,2-15,16-Diepoxyhexadecane	254	C16H30O2	1000192-65-0	42
4			1,3,14,16-Nonadecatetraene	260	C19H32	1000131-11-2	38
5			1,6-Cyclodecadiene	136	C10H16	007049-13-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

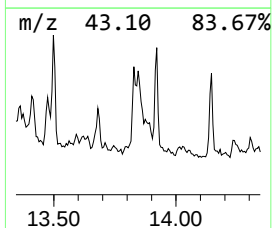
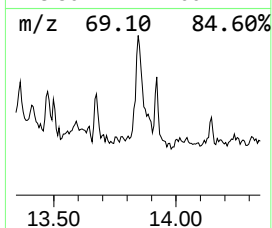
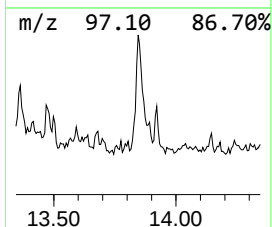
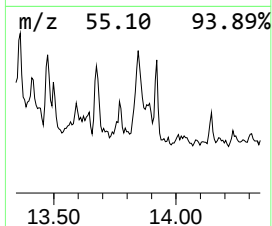
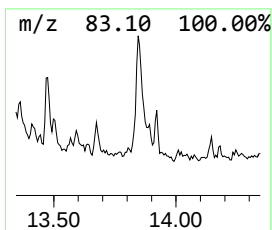
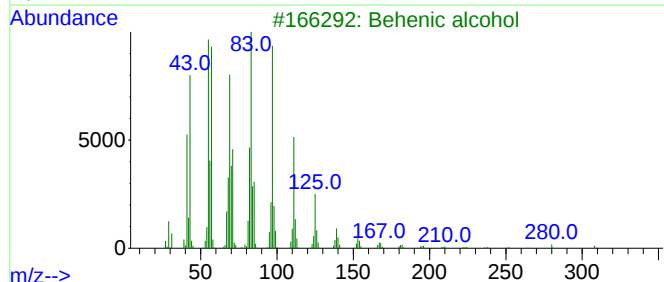
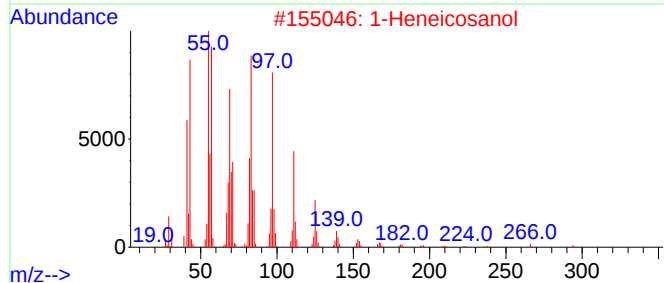
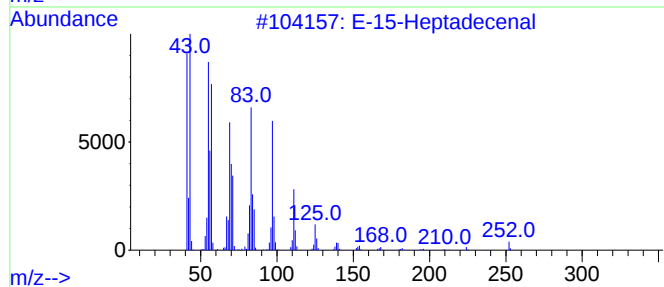
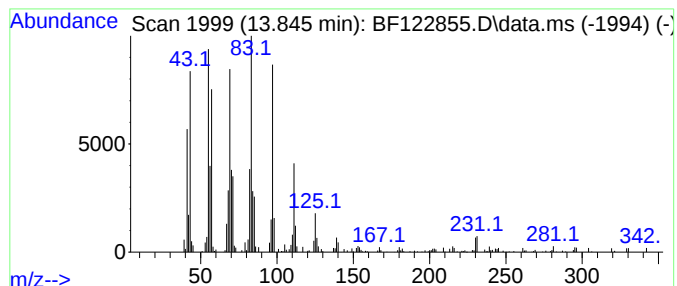
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 E-15-Heptadecenal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	9.74 ng	437070	Chrysene-d12	13.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		Isoheptadecanol	256	C17H36O	057289-07-3	90
5		Cyclopentadecane	210	C15H30	000295-48-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

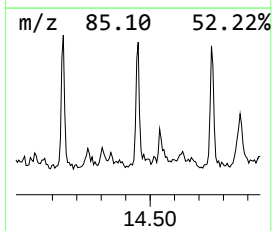
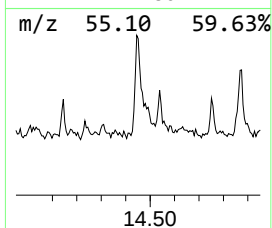
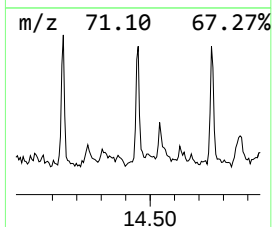
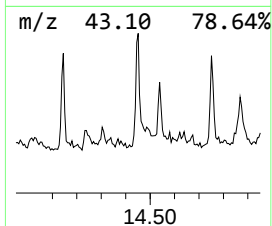
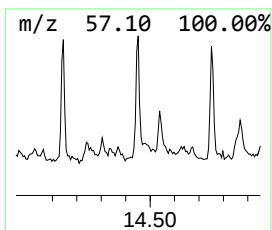
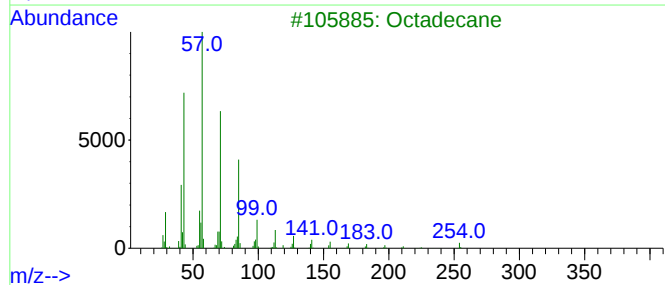
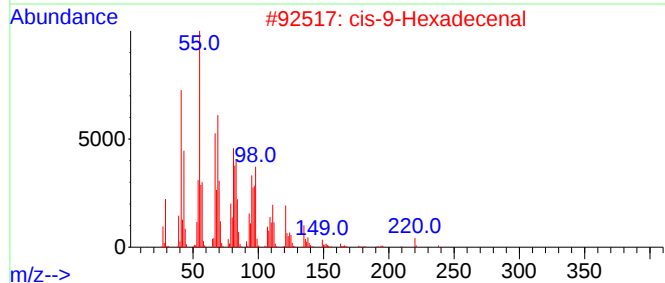
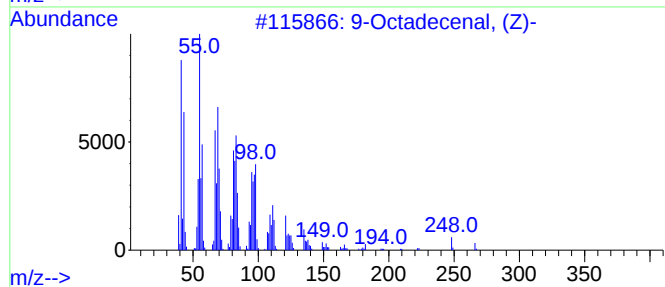
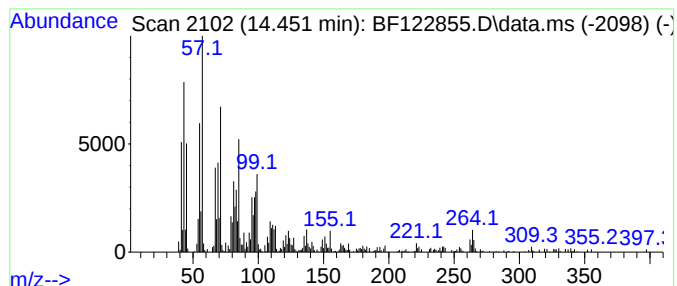
Instrument :
BNA_F
ClientSampleId :
HD-02-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 9-Octadecenal, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.451	14.63 ng	656352	Chrysene-d12		13.986	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9-Octadecenal, (Z)-		266	C18H34O	002423-10-1	84
2	cis-9-Hexadecenal		238	C16H30O	056219-04-6	76
3	Octadecane		254	C18H38	000593-45-3	70
4	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	55
5	cis-11-Hexadecenal		238	C16H30O	053939-28-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122855.D
Acq On : 24 Dec 2020 14:25
Operator : JU/CG
Sample : L5201-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

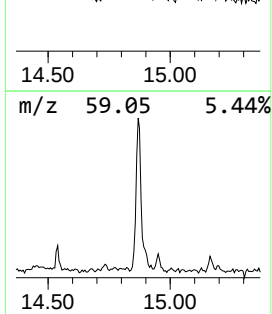
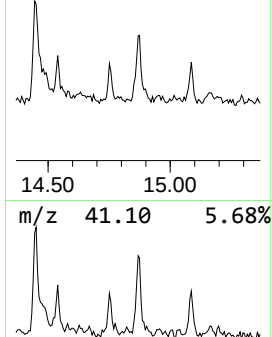
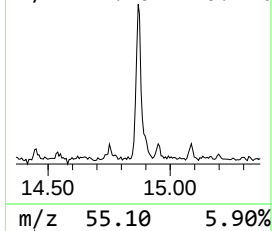
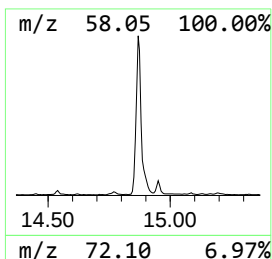
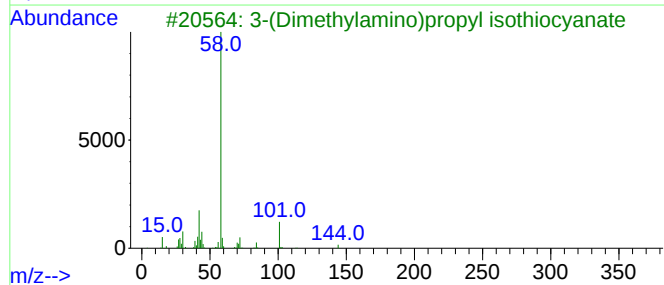
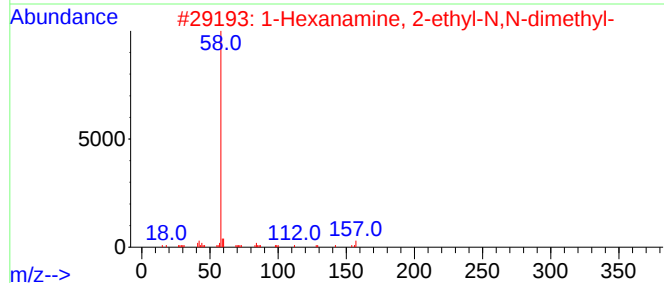
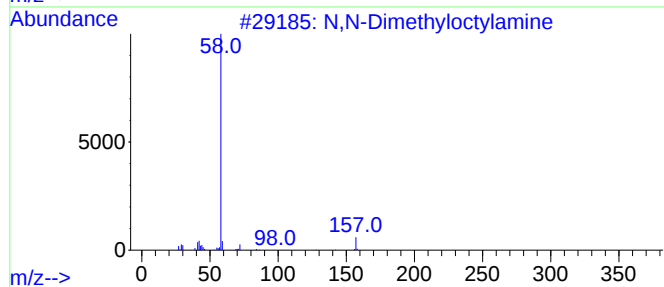
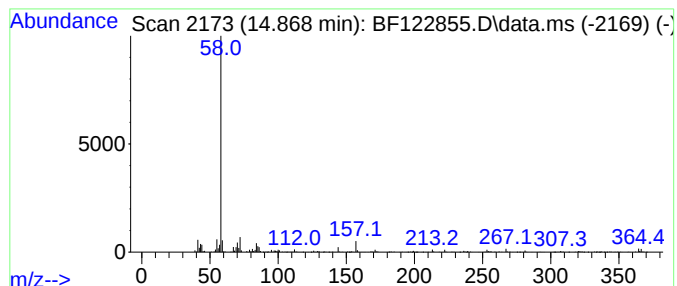
Instrument :
BNA_F
ClientSampleId :
HD-02-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	12.17 ng	633833	Perylene-d12	15.445
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		N,N-Dimethyloctylamine	157 C10H23N	007378-99-6 80
2		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157 C10H23N	028056-87-3 72
3		3-(Dimethylamino)propyl isothiocy...	144 C6H12N2S	027421-70-1 72
4		3-Dimethylaminopropyl methacryla...	170 C9H18N2O	005205-93-6 72
5		Formamide, N-[3-(dimethylamino)p...	130 C6H14N2O	005922-69-0 72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122855.D
 Acq On : 24 Dec 2020 14:25
 Operator : JU/CG
 Sample : L5201-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-122320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecane	8.692	14.9	ng	638236	2	8.104	854696	20.0
Tetradecane	9.257	13.9	ng	796036	3	9.857	1141460	20.0
Dodecane, 2-met...	9.786	12.9	ng	734892	3	9.857	1141460	20.0
Pentadecane, 7-...	10.286	14.9	ng	849312	3	9.857	1141460	20.0
Heneicosane	10.757	17.5	ng	991634	4	11.345	1136070	20.0
Pentadecane	11.210	10.4	ng	593693	4	11.345	1136070	20.0
Octadecane	11.633	10.1	ng	573181	4	11.345	1136070	20.0
9-Hexadecenoic ...	11.657	14.5	ng	821431	4	11.345	1136070	20.0
Hexadecanoic ac...	11.745	163.8	ng	9302090	4	11.345	1136070	20.0
n-Hexadecanoic ...	11.880	14.6	ng	828028	4	11.345	1136070	20.0
Hexadecane	12.039	10.7	ng	609894	4	11.345	1136070	20.0
9,12-Octadecadi...	12.451	314.7	ng	17874200	4	11.345	1136070	20.0
Bicyclo[10.1.0]...	13.086	10.8	ng	483266	5	13.986	897268	20.0
Heptadecane, 2,...	13.163	12.4	ng	556897	5	13.986	897268	20.0
cis-11-Eicoseno...	13.174	13.8	ng	617375	5	13.986	897268	20.0
Eicosanoic acid...	13.251	10.2	ng	455192	5	13.986	897268	20.0
unknown-01	13.286	11.3	ng	506170	5	13.986	897268	20.0
E-15-Heptadecenal	13.845	9.7	ng	437070	5	13.986	897268	20.0
9-Octadecenal, ...	14.451	14.6	ng	656352	5	13.986	897268	20.0
N,N-Dimethyloct...	14.868	12.2	ng	633833	6	15.445	1041830	20.0