

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
 Data File : BF118980.D
 Acq On : 21 Feb 2020 1:31
 Operator : CG/JU
 Sample : L1596-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-064

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF022020.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	557	561	573	rBV	3165618	3070461	74.96%	8.080%
2	6.404	729	734	745	rBV	2836385	3088815	75.40%	8.128%
3	6.757	791	794	802	rBV	1298389	1108900	27.07%	2.918%
4	6.916	817	821	824	rBV	3314815	2841100	69.36%	7.477%
5	7.322	885	890	893	rBV	2248229	2016792	49.23%	5.307%
6	8.039	1008	1012	1016	rBV	1694230	1392437	33.99%	3.664%
7	9.116	1190	1195	1198	rBV	4903594	4096377	100.00%	10.780%
8	9.504	1258	1261	1267	rBV	369475	322719	7.88%	0.849%
9	9.710	1291	1296	1303	rVB2	38055	64374	1.57%	0.169%
10	9.792	1306	1310	1313	rBV	1879406	1558298	38.04%	4.101%
11	10.575	1439	1443	1447	rBV	2368476	2301814	56.19%	6.057%
12	11.275	1558	1562	1565	rBV	1538004	1363111	33.28%	3.587%
13	11.333	1570	1572	1578	rVB4	65869	60038	1.47%	0.158%
14	11.498	1595	1600	1607	rBV3	30017	55645	1.36%	0.146%
15	11.804	1648	1652	1664	rBV	425306	463041	11.30%	1.219%
16	11.969	1677	1680	1686	rVB3	37993	54972	1.34%	0.145%
17	12.522	1770	1774	1781	rVB7	42426	71709	1.75%	0.189%
18	12.586	1781	1785	1793	rBV2	97698	136452	3.33%	0.359%
19	12.733	1808	1810	1813	rBV	53487	59277	1.45%	0.156%
20	12.857	1826	1831	1834	rBV	3500892	3273874	79.92%	8.615%
21	13.092	1869	1871	1877	rVB3	54469	58126	1.42%	0.153%
22	13.286	1901	1904	1906	rBV2	54512	55739	1.36%	0.147%
23	13.310	1906	1908	1914	rVV4	65325	107528	2.62%	0.283%
24	13.357	1914	1916	1921	rVB	55022	59562	1.45%	0.157%
25	13.433	1926	1929	1931	rVB	66415	63540	1.55%	0.167%
26	13.751	1980	1983	1990	rBV2	599287	724962	17.70%	1.908%
27	13.904	2005	2009	2013	rBV	1176466	1149841	28.07%	3.026%
28	14.074	2035	2038	2041	rBV	134771	123550	3.02%	0.325%
29	14.380	2086	2090	2100	rBV2	540310	669981	16.36%	1.763%
30	14.674	2137	2140	2144	rVB	153163	142939	3.49%	0.376%
31	14.745	2149	2152	2156	rVB	92465	94221	2.30%	0.248%
32	14.810	2160	2163	2170	rBV	134563	169241	4.13%	0.445%
33	14.998	2191	2195	2199	rBV	927078	994568	24.28%	2.617%
34	15.333	2247	2252	2261	rVB	940777	1289391	31.48%	3.393%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.545	2284	2288	2293	rBV	233052	302857	7.39%	0.797%
36	15.662	2306	2308	2316	rVB3	87060	132565	3.24%	0.349%
37	15.768	2321	2326	2330	rBV	409609	578802	14.13%	1.523%
38	15.815	2330	2334	2343	rVB2	199718	383332	9.36%	1.009%
39	16.021	2367	2369	2379	rVB2	199324	307769	7.51%	0.810%
40	16.521	2448	2454	2460	rVB2	174066	319612	7.80%	0.841%
41	16.892	2511	2517	2526	rBV3	133981	369307	9.02%	0.972%
42	17.274	2576	2582	2594	rBV7	435758	1397229	34.11%	3.677%
43	17.709	2651	2656	2665	rBV	115693	298637	7.29%	0.786%
44	18.033	2706	2711	2714	rBV6	110851	234527	5.73%	0.617%
45	18.251	2741	2748	2758	rVB2	210241	571823	13.96%	1.505%

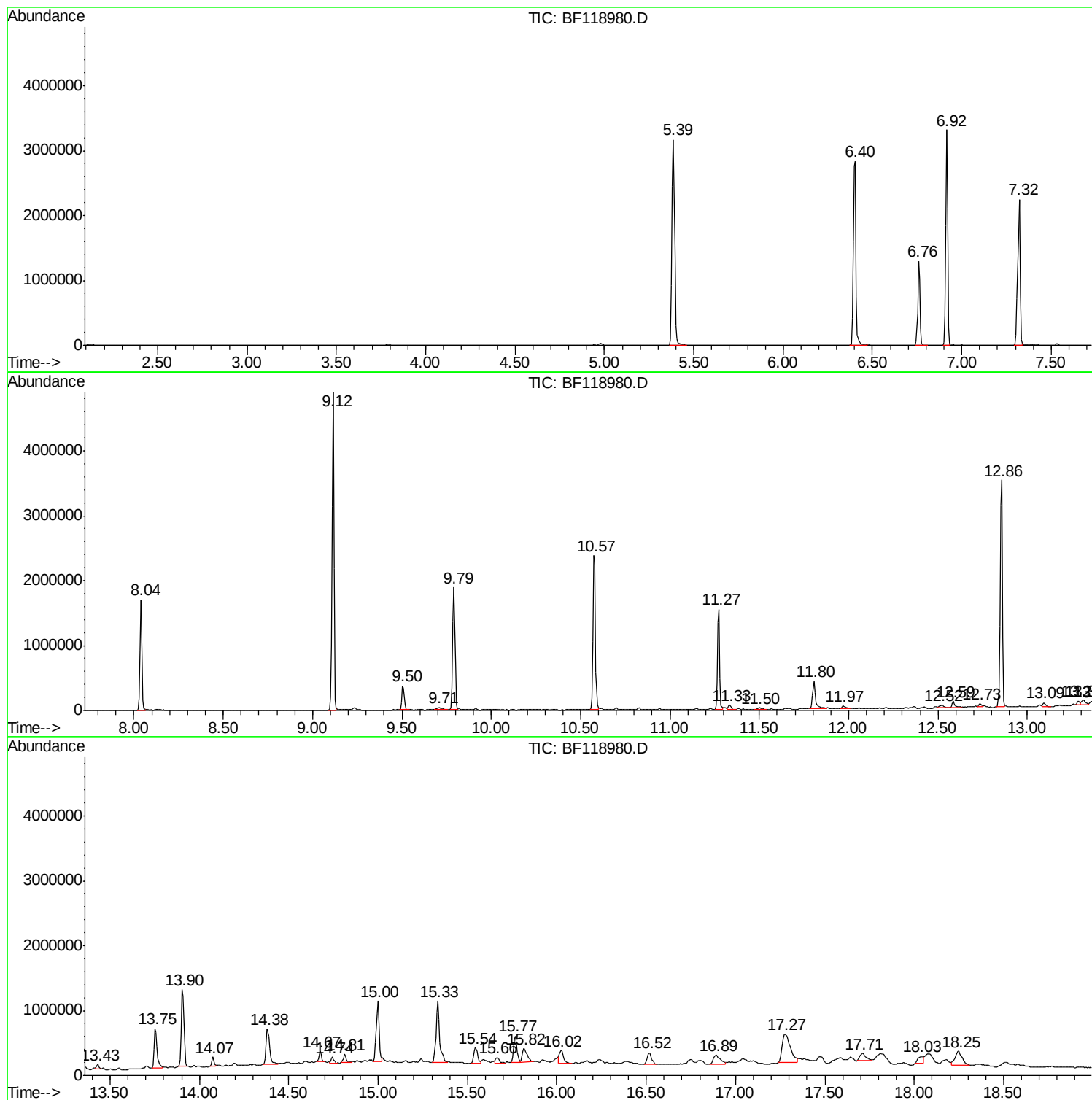
Sum of corrected areas: 37999855

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.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\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

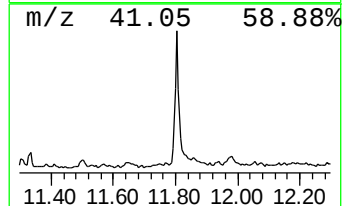
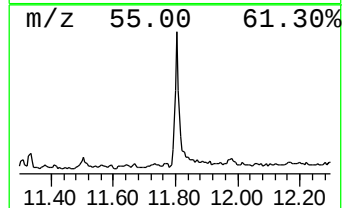
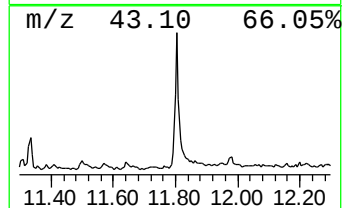
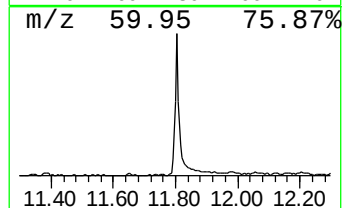
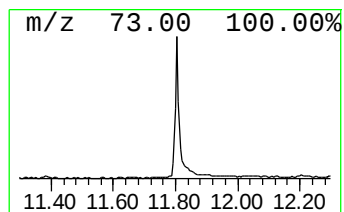
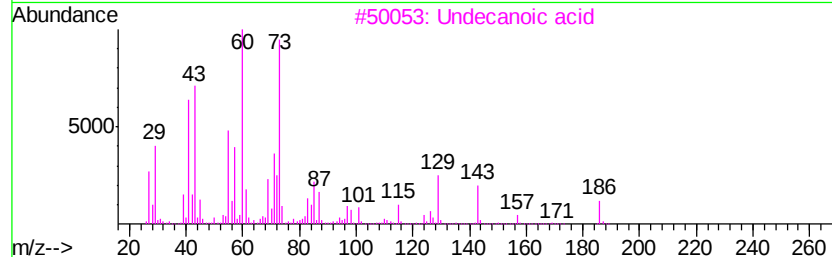
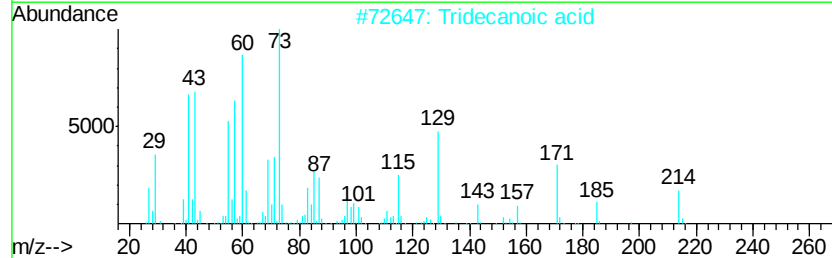
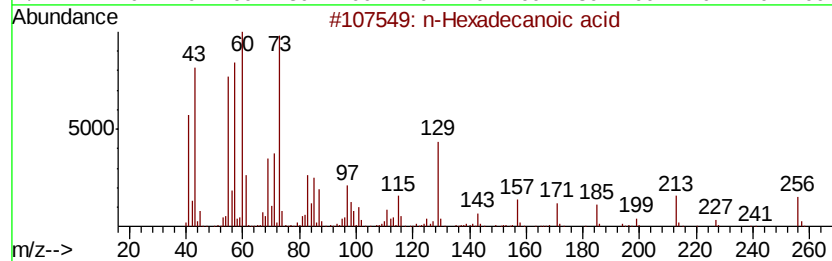
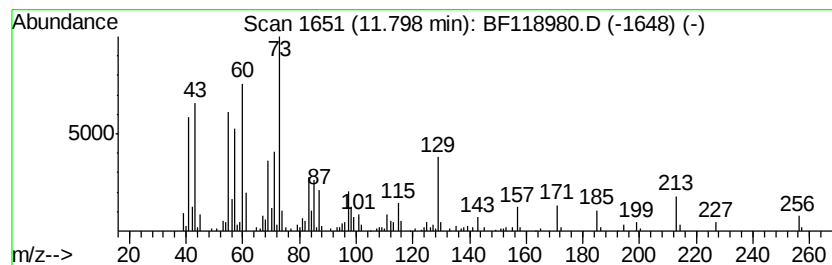
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	6.79 ng	463041	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Undecanoic acid	186	C11H22O2	000112-37-8	74
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

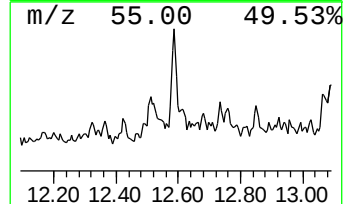
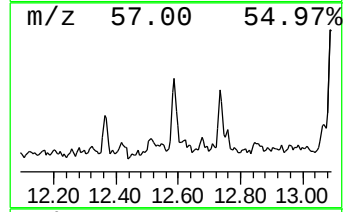
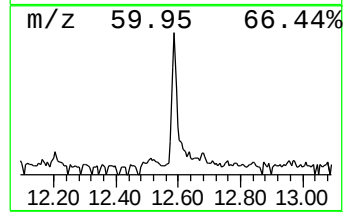
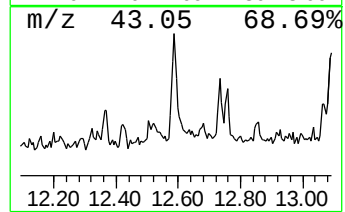
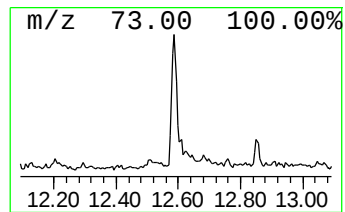
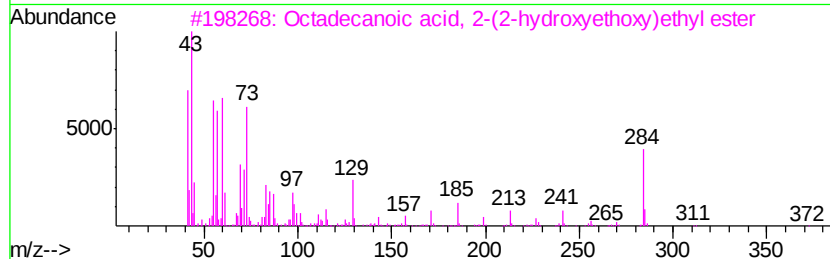
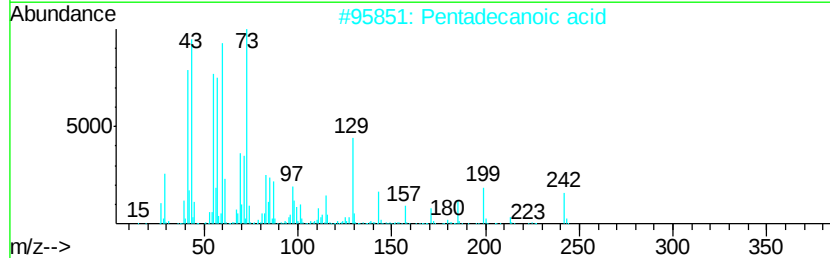
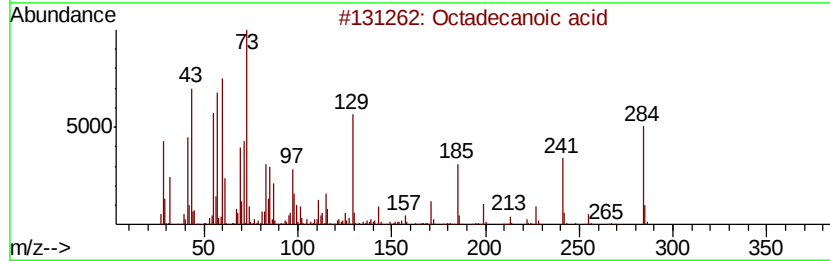
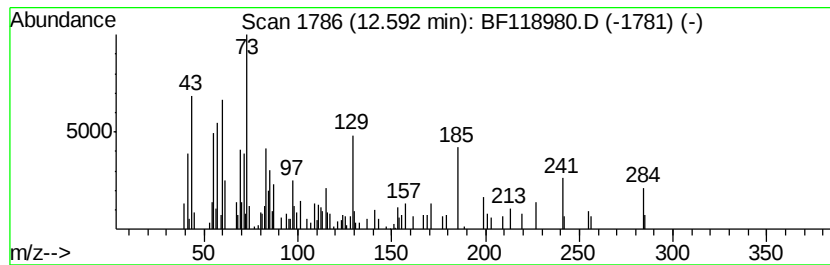
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.59	2.00 ng	136452	Phenanthrene-d10	11.27		
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		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

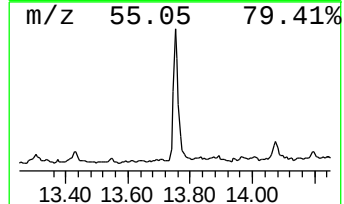
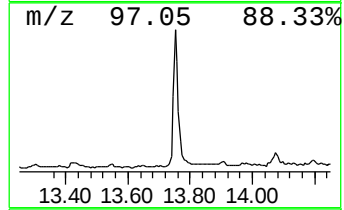
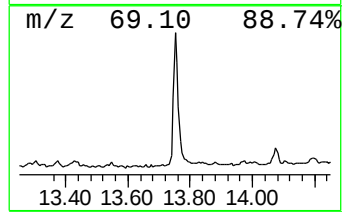
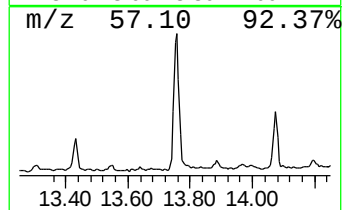
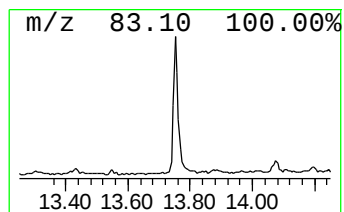
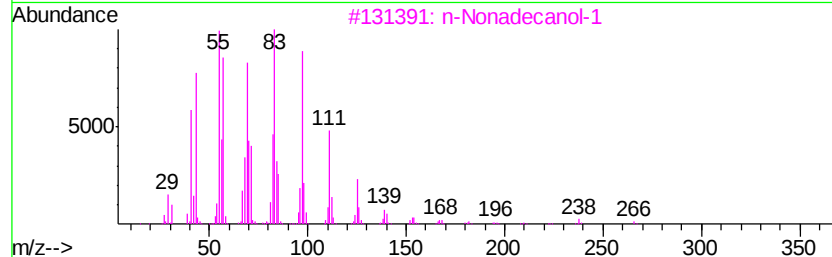
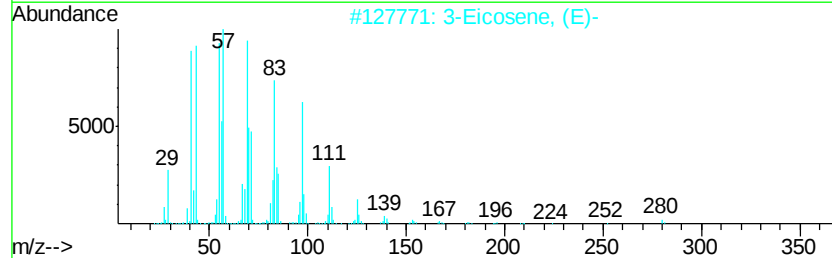
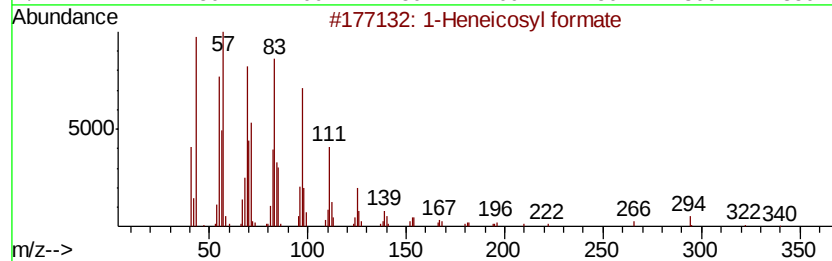
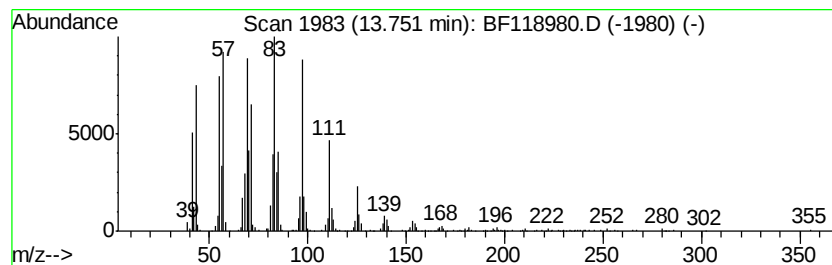
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	12.61 ng	724962	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

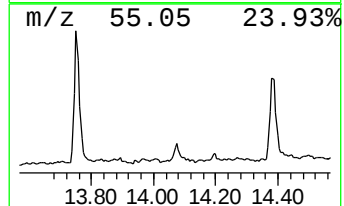
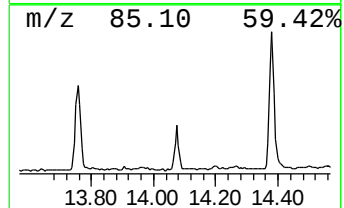
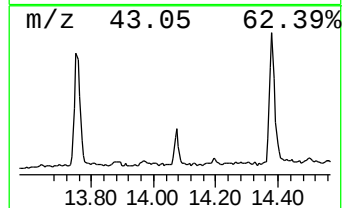
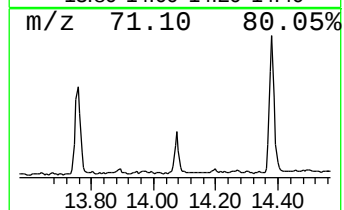
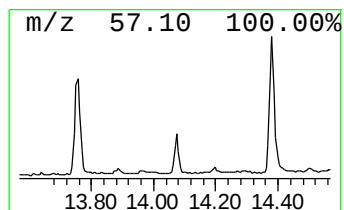
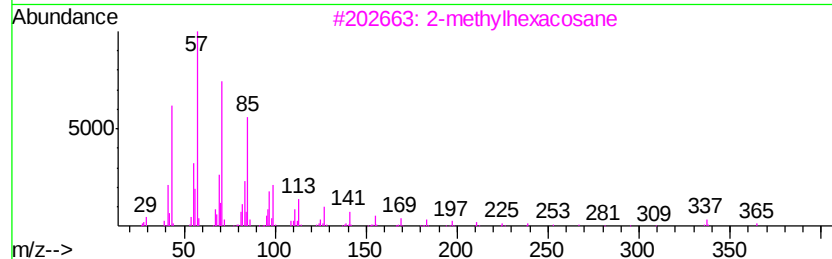
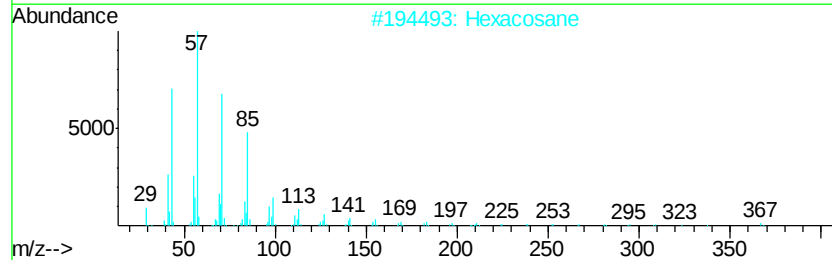
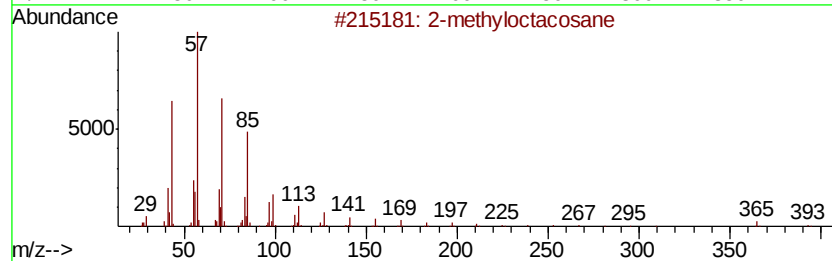
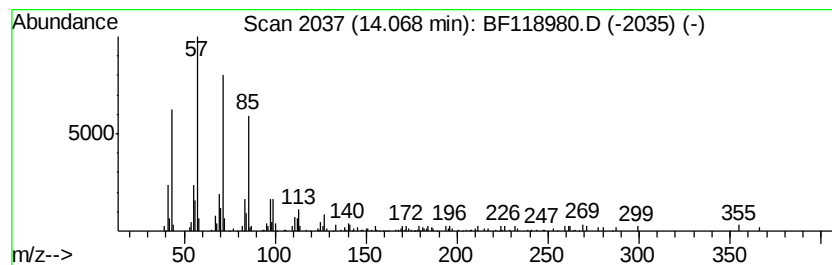
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-methyloctacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.15 ng	123550	Chrysene-d12	13.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	2-methylhexacosane		380	C27H56	1000376-72-7	91
4	Dodecane, 2-methyl-		184	C13H28	001560-97-0	90
5	Heptacosane		380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

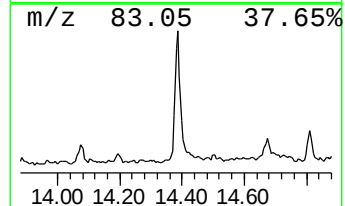
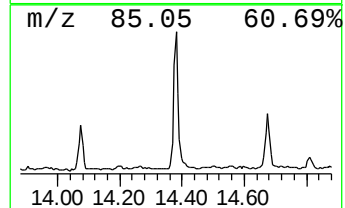
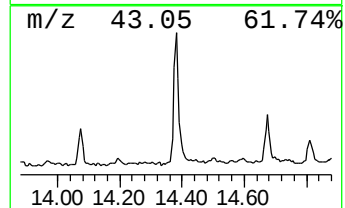
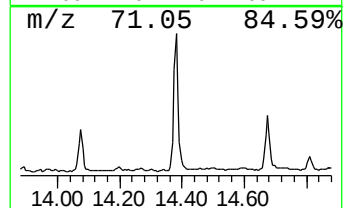
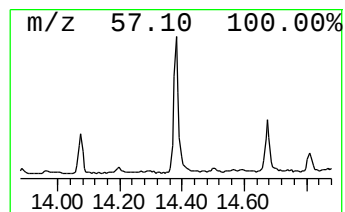
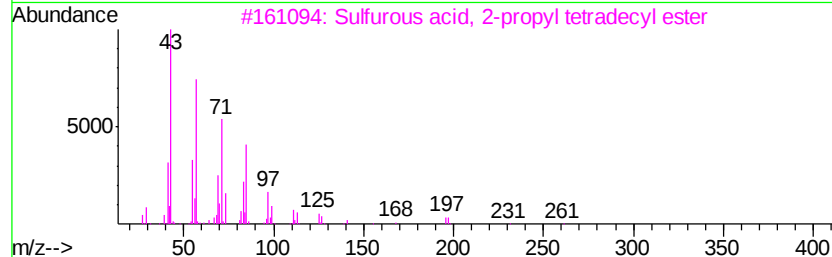
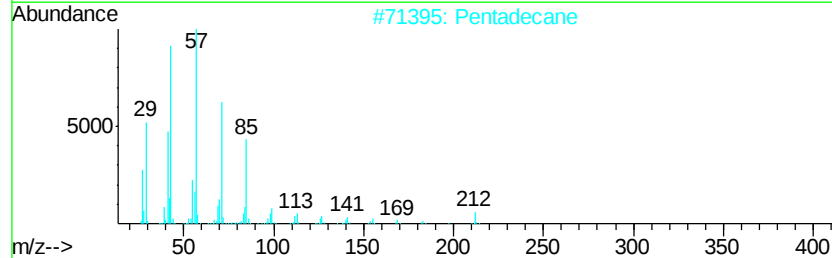
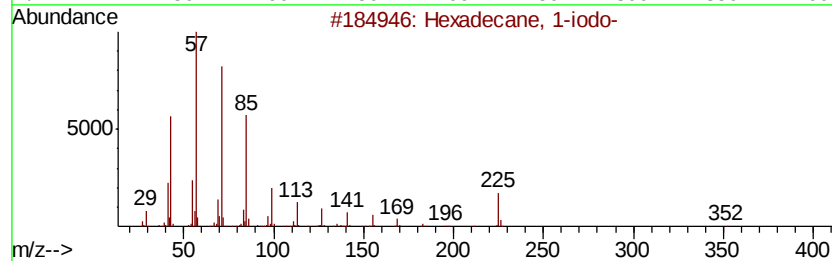
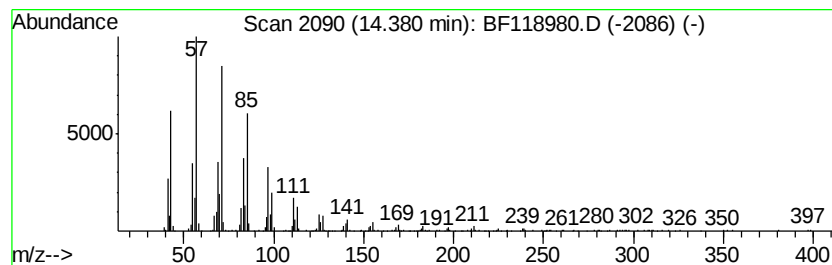
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.38	11.65 ng	669981	Chrysene-d12	13.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Pentadecane	212	C15H32	000629-62-9	94
3	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	91
4	1-Heptadecene	238	C17H34	006765-39-5	83
5	Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

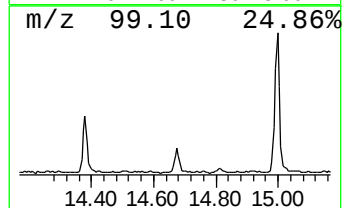
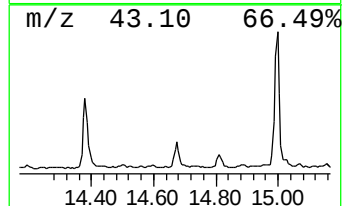
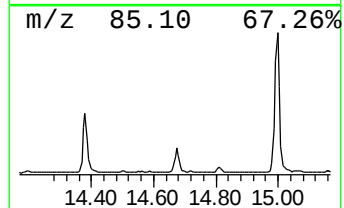
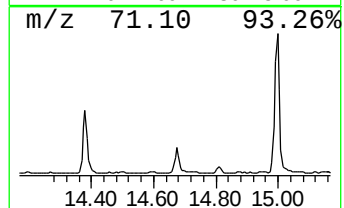
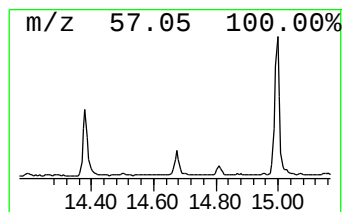
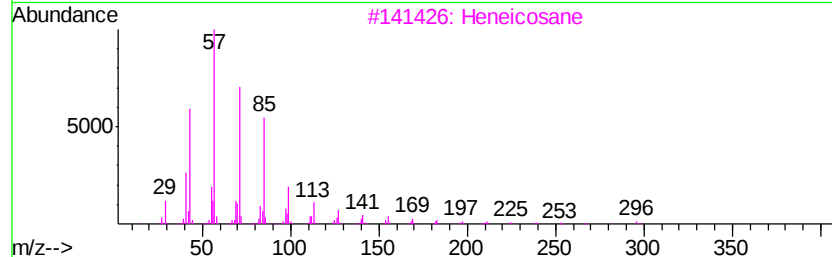
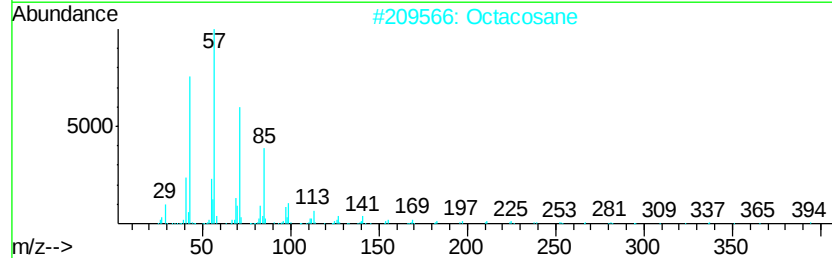
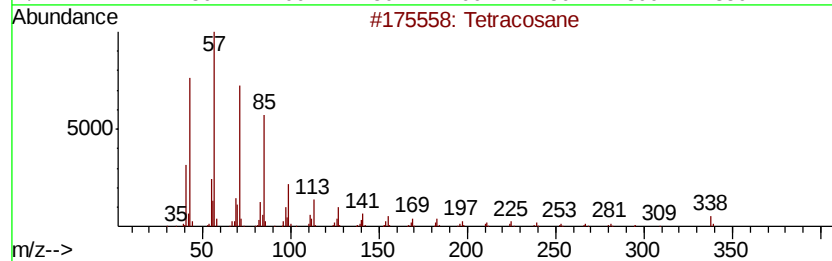
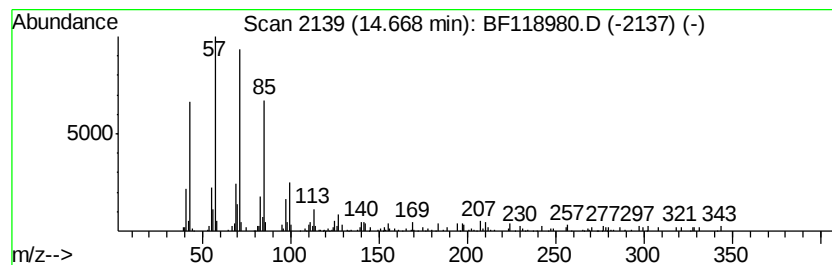
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.22 ng	142939	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		triacontane	422	C30H62	000638-68-6	91
5		Tetracontane	563	C40H82	004181-95-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

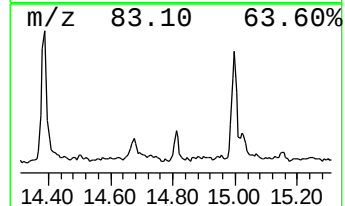
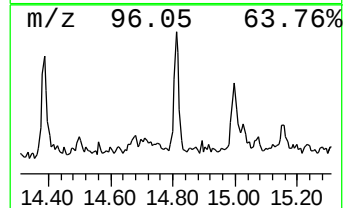
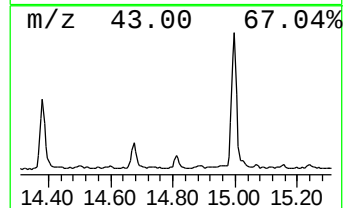
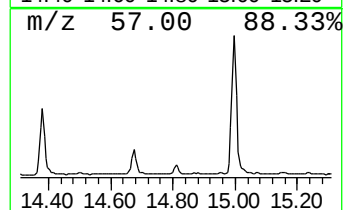
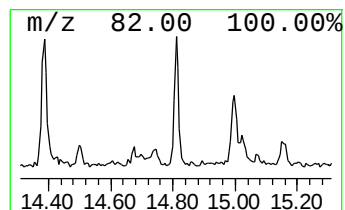
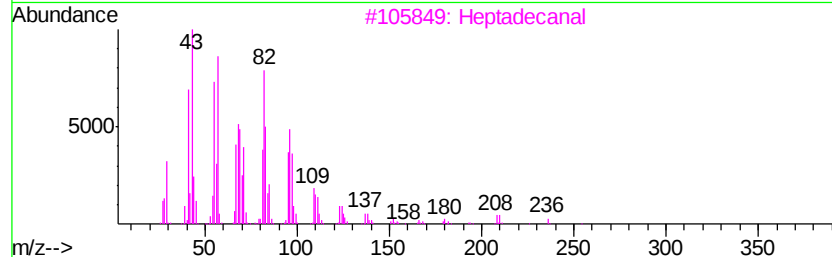
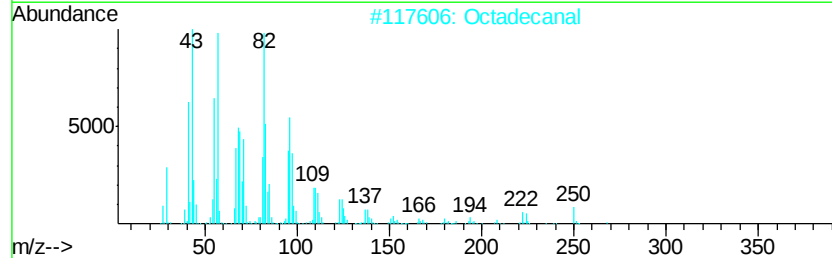
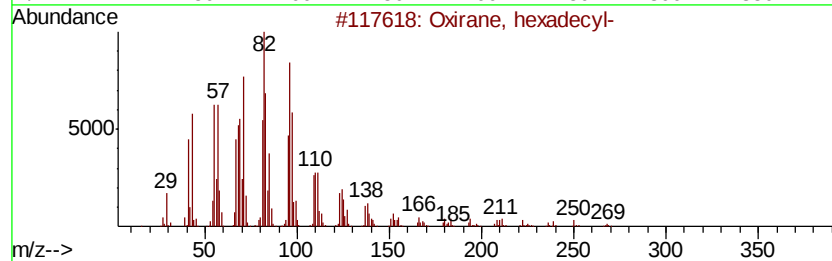
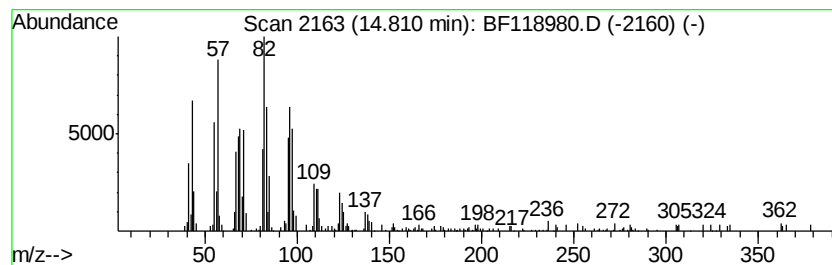
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxirane, hexadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.63 ng	169241	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	99
2		Octadecanal	268	C18H36O	000638-66-4	95
3		Heptadecanal	254	C17H34O	1000376-70-0	91
4		Hexadecanal	240	C16H32O	000629-80-1	91
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

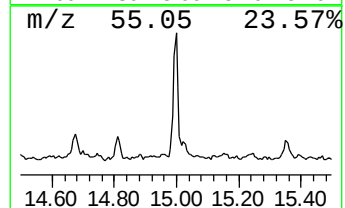
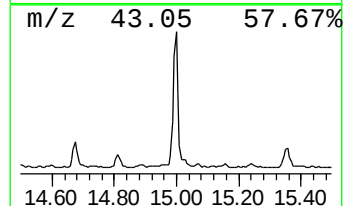
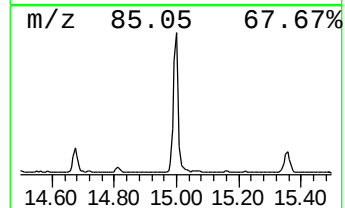
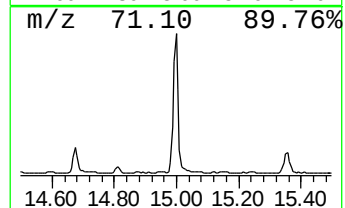
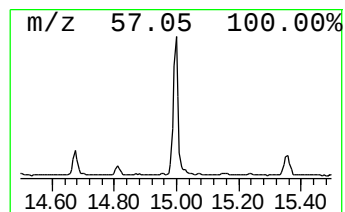
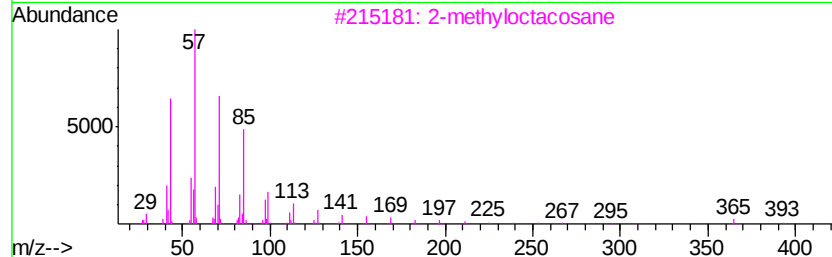
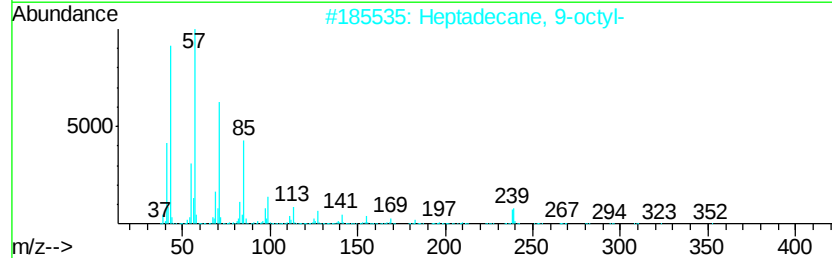
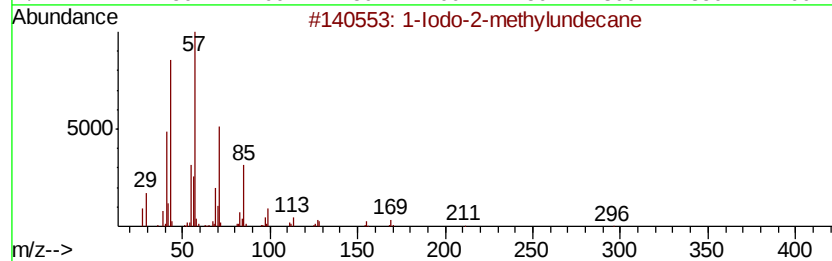
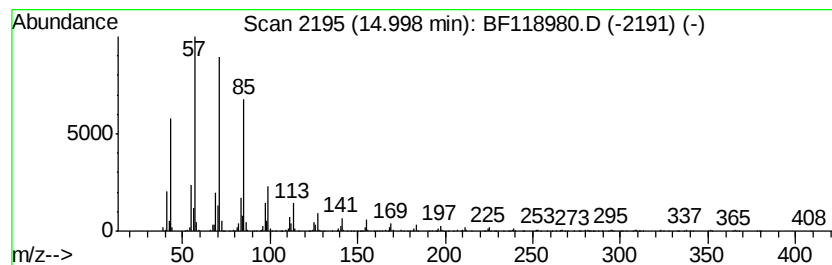
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Iodo-2-methylundecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	15.43 ng	994568	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	94
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	93
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	Pentadecane, 8-hexyl-	296 C21H44	013475-75-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

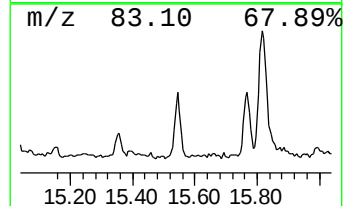
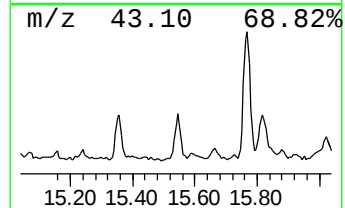
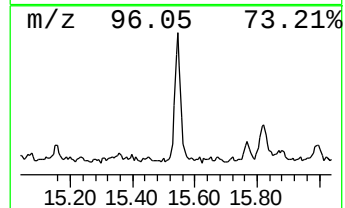
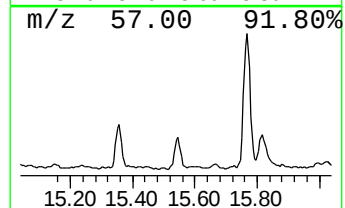
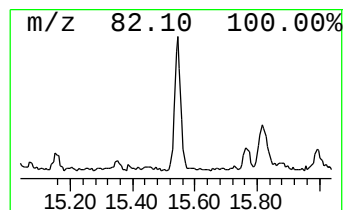
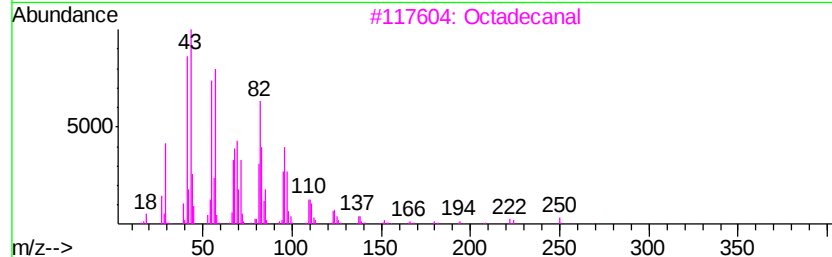
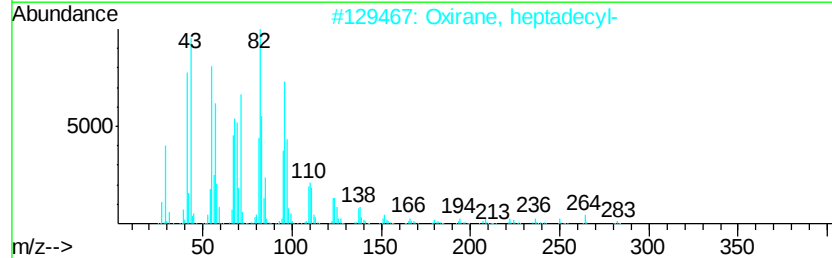
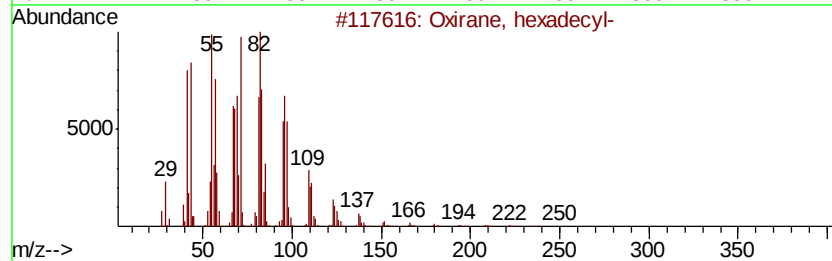
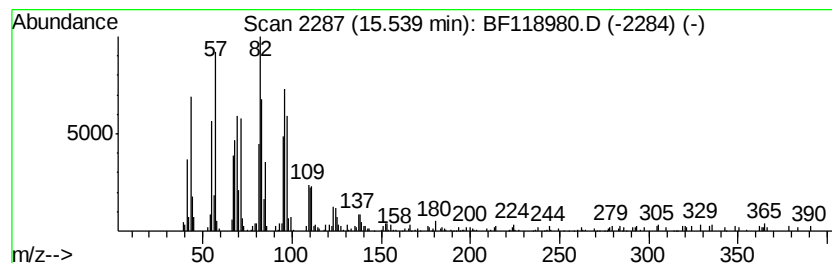
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	4.70 ng	302857	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3			Octadecanal	268	C18H36O	000638-66-4	91
4			17-Octadecenal	266	C18H34O	056554-86-0	89
5			Pentadecanal-	226	C15H30O	002765-11-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

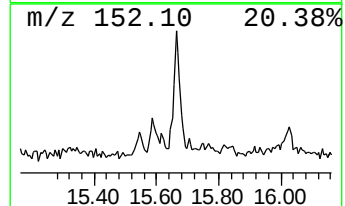
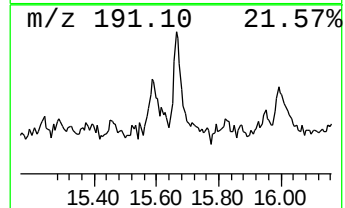
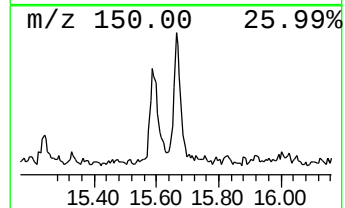
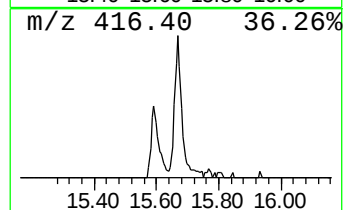
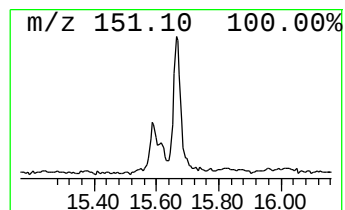
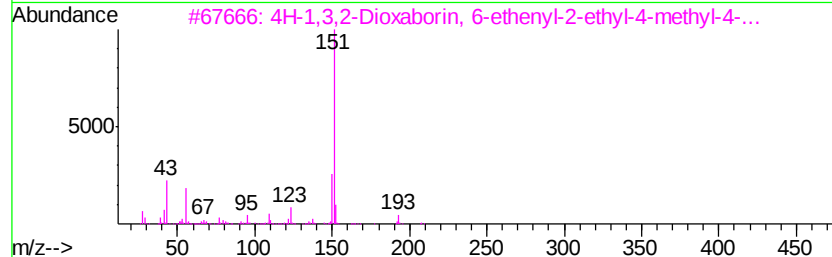
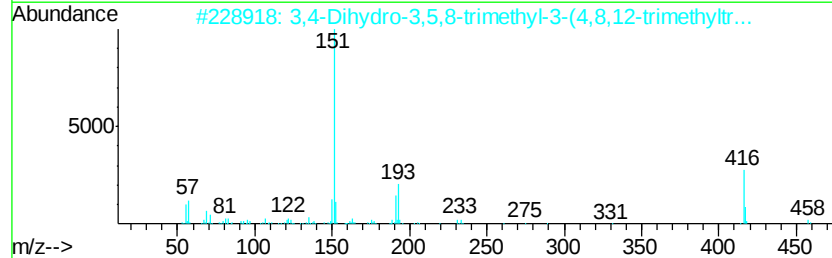
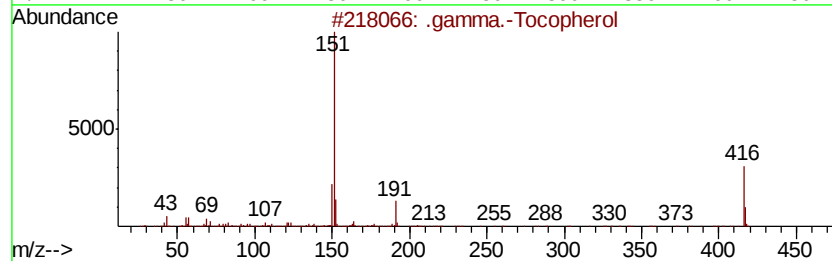
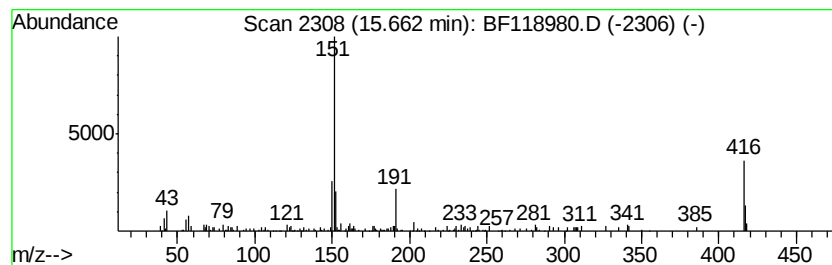
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 .gamma.-Tocopherol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.06 ng	132565	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	93
2		3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	59
3		4H-1,3,2-Dioxaborin, 6-ethenvl-2...	208	C12H21B02	074630-05-0	43
4		Guanosine, 2',3'-O-(1-methylethy...	323	C13H17N5O5	000362-76-5	43
5		2(1H)-Pyridinone, 1-cyclohexyl-3...	233	C15H23NO	082754-44-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

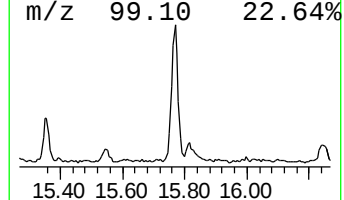
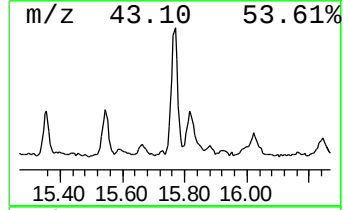
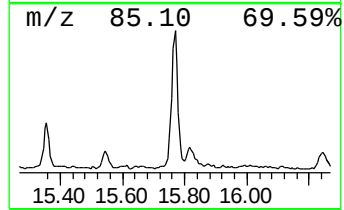
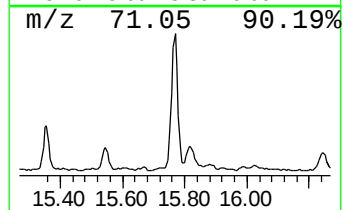
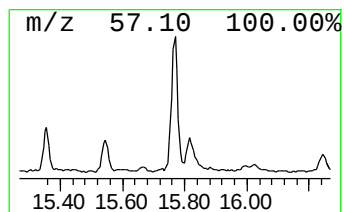
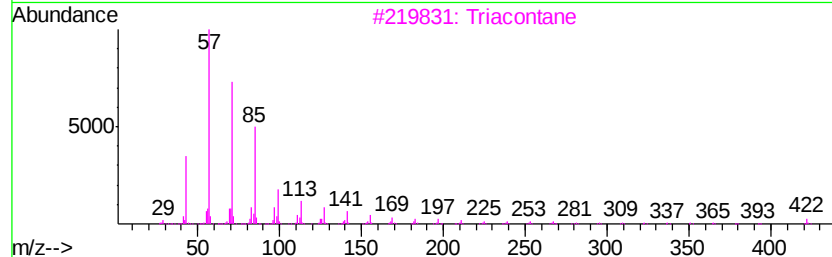
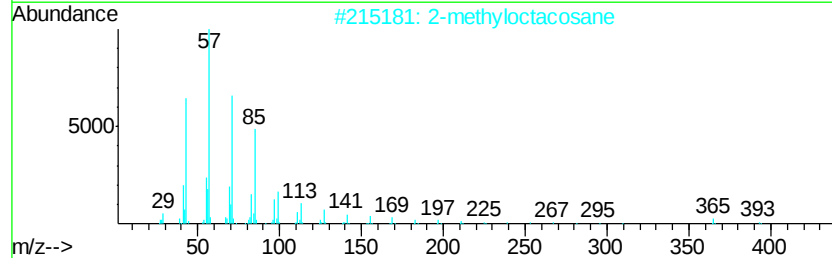
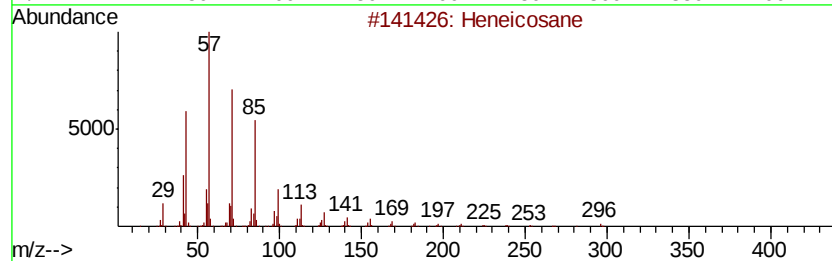
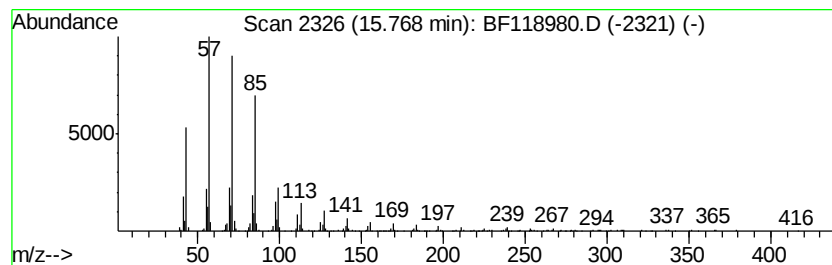
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	8.98 ng	578802	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	2-methyloctacosane	408 C29H60	1000376-72-8	91
3	triacontane	422 C30H62	000638-68-6	91
4	Hexadecane	226 C16H34	000544-76-3	91
5	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

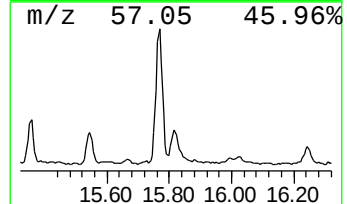
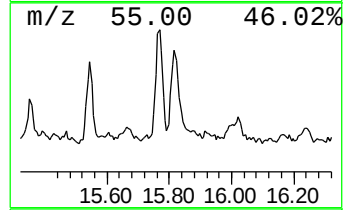
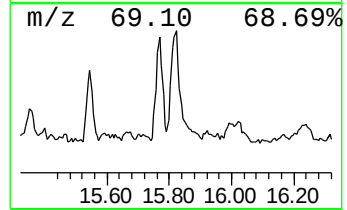
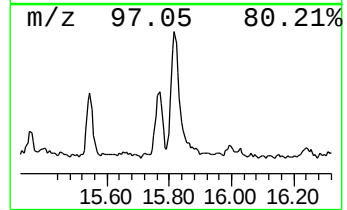
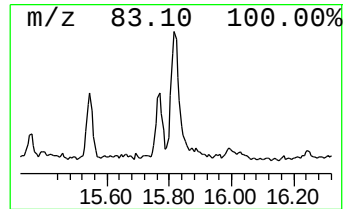
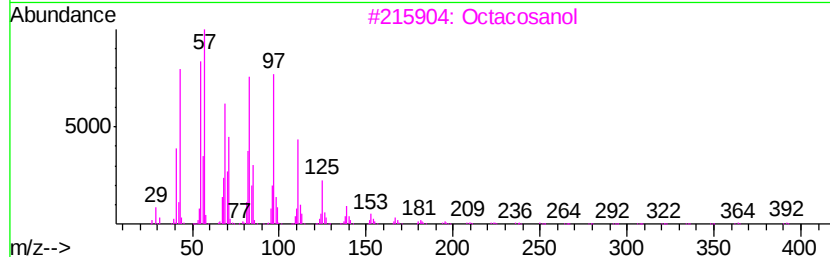
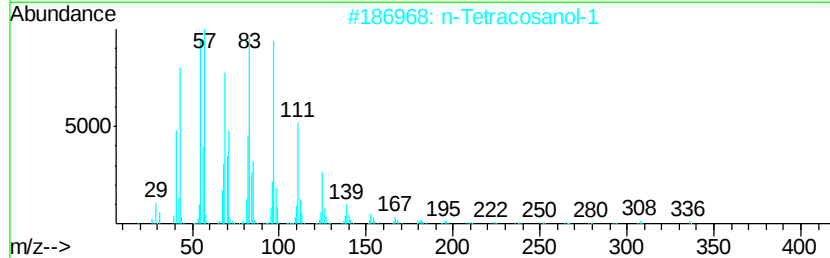
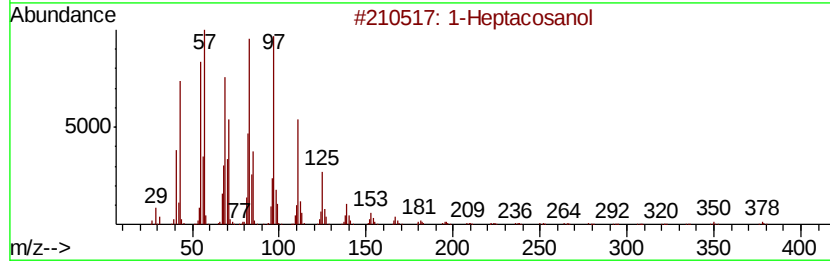
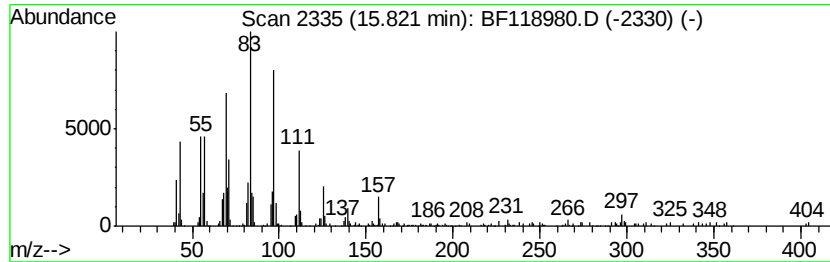
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.82	5.95 ng	383332	Perylene-d12		15.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	55
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	55
3	Octacosanol	410	C28H58O	000557-61-9	55
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	50
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

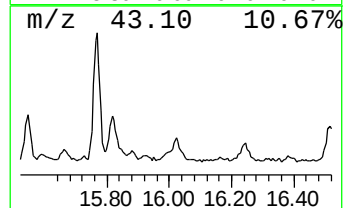
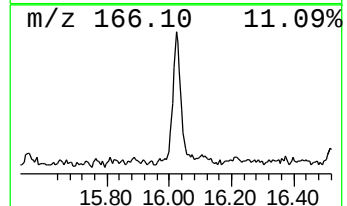
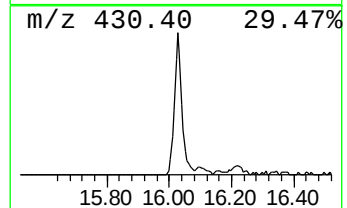
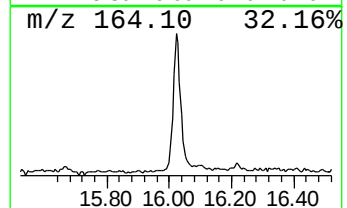
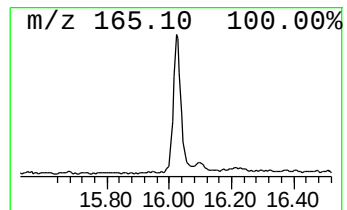
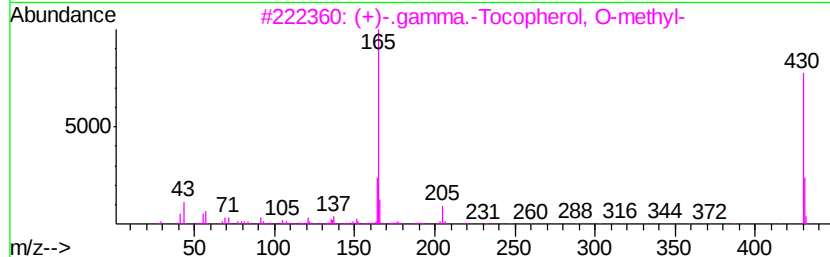
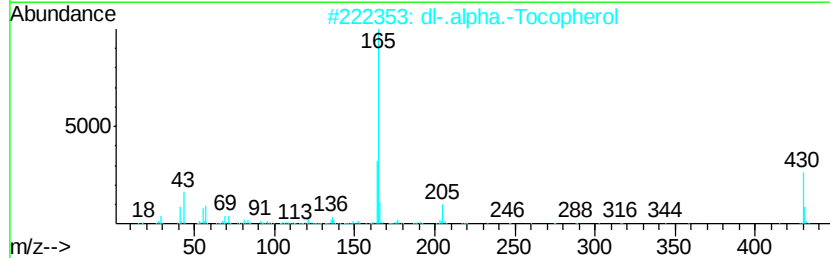
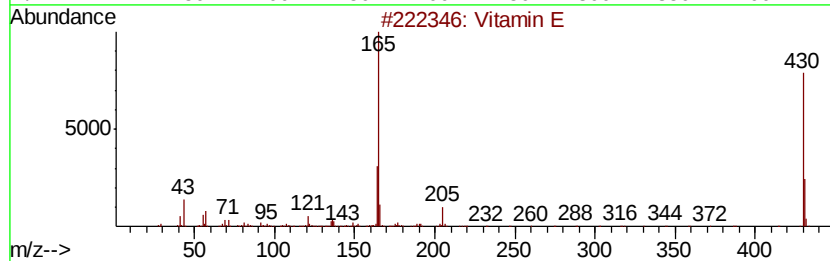
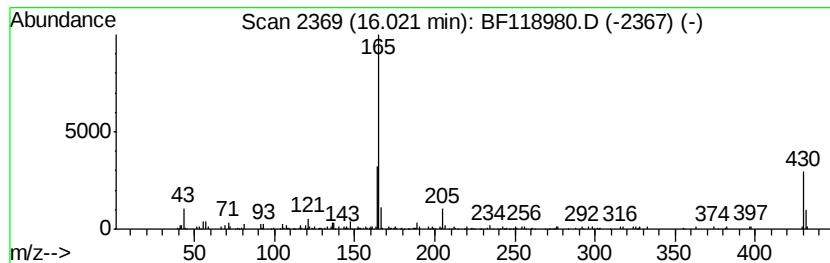
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Vitamin E Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	4.77 ng	307769	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	000059-02-9	97
2		dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	96
3		(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	91
4		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	83
5		4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

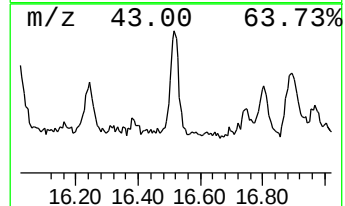
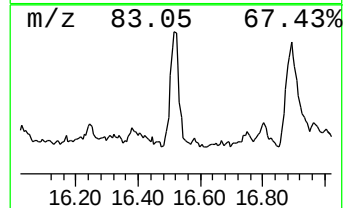
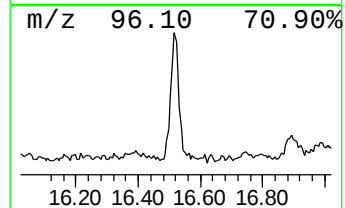
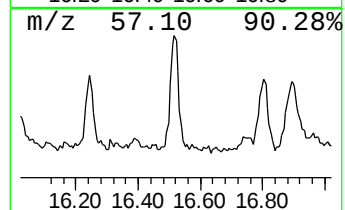
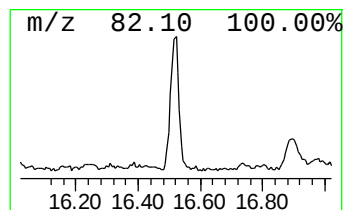
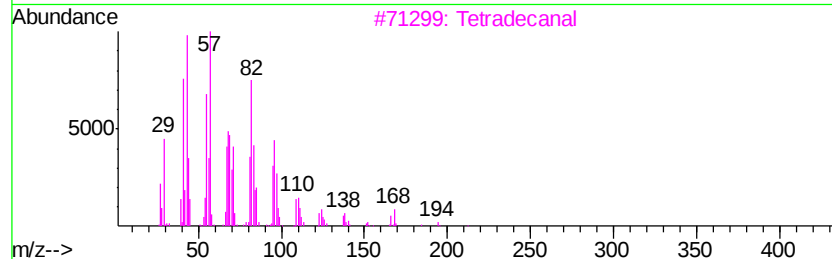
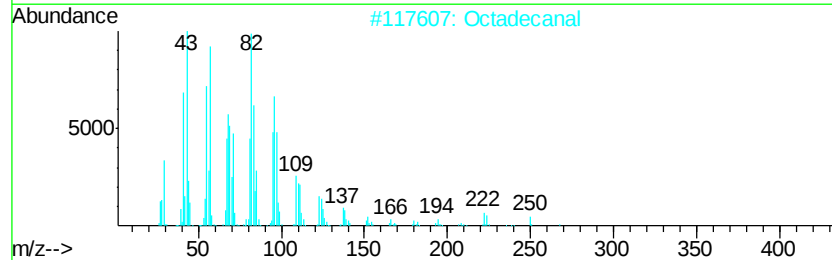
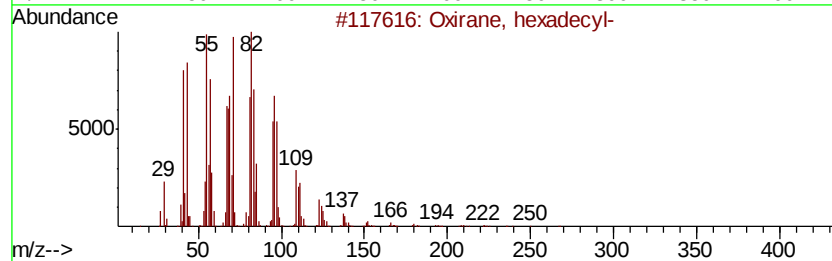
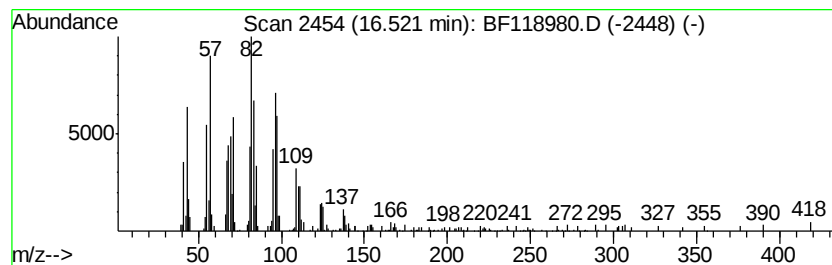
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradeccanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.52	4.96 ng	319612	Perylene-d12		15.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Tetradecanal	212	C14H28O	000124-25-4	90
4	1,19-Eicosadiene	278	C20H38	014811-95-1	87
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

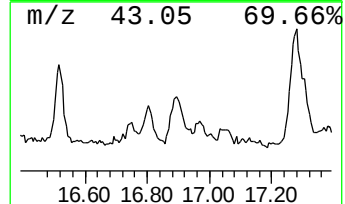
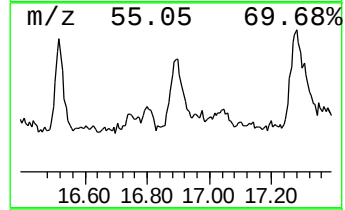
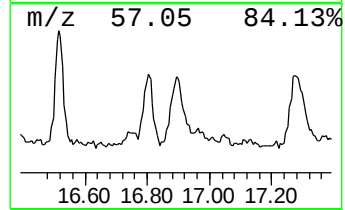
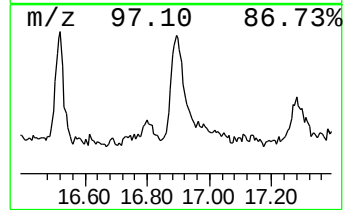
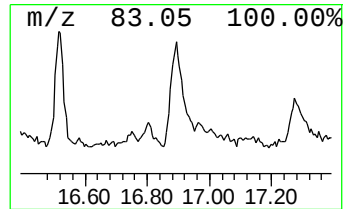
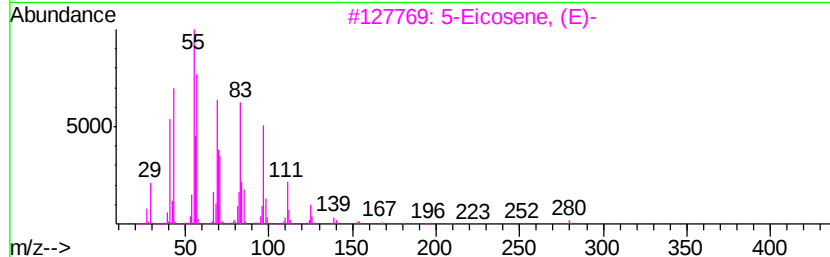
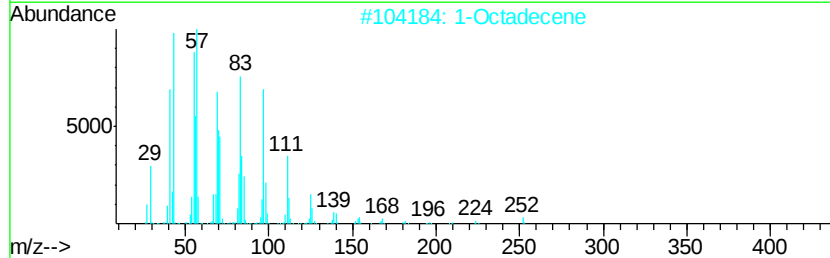
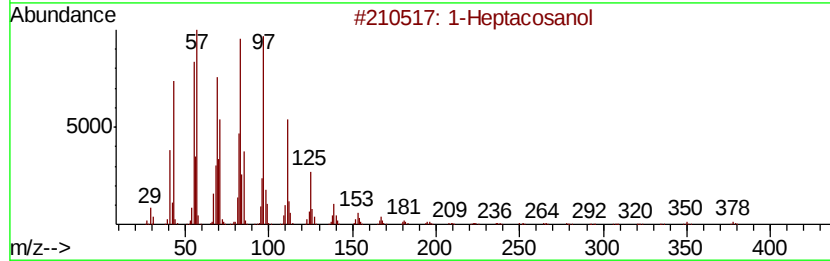
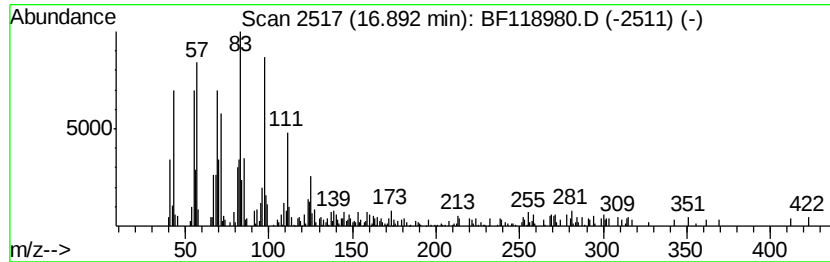
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fumaric acid, 2-methylallyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	5.73 ng	369307	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	95
2			1-Octadecene	252	C18H36	000112-88-9	93
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4			Fumaric acid, 2-methylallyl octa...	422	C26H46O4	1000330-55-7	91
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

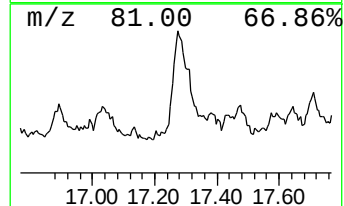
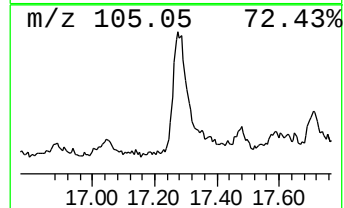
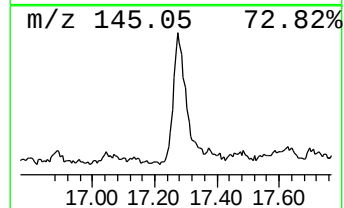
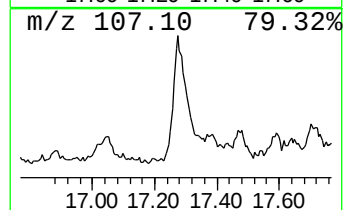
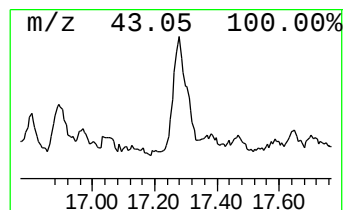
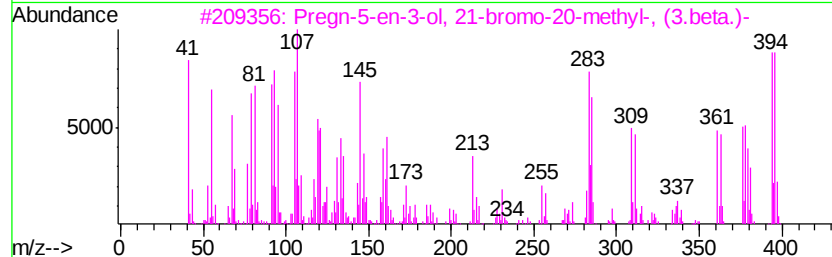
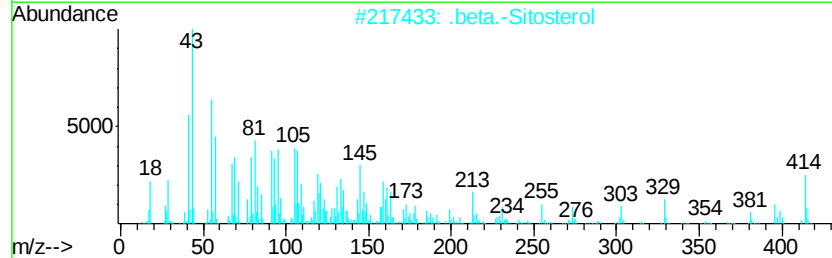
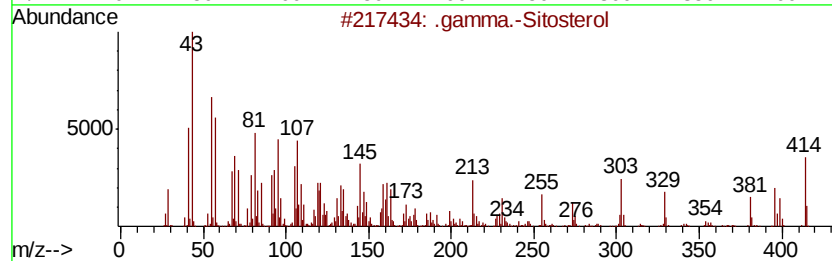
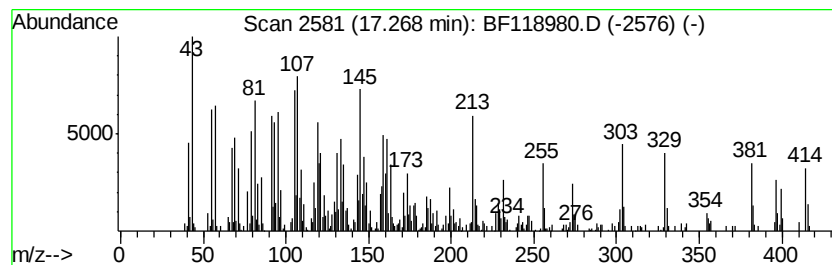
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	21.67 ng	1397230	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	96
4		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	20
5		22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

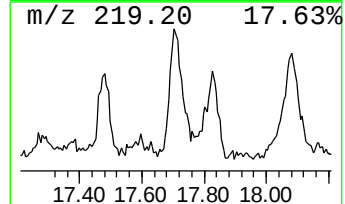
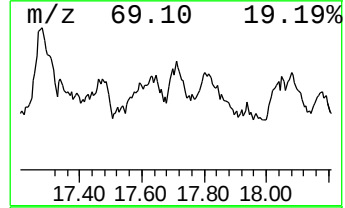
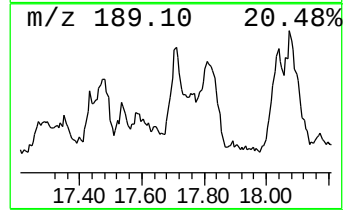
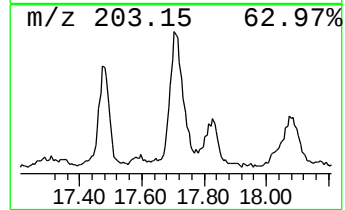
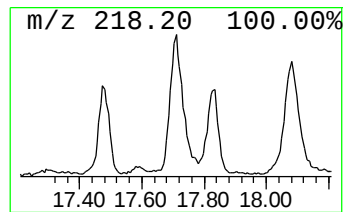
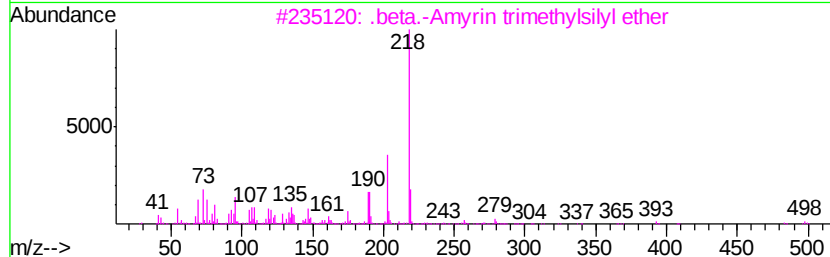
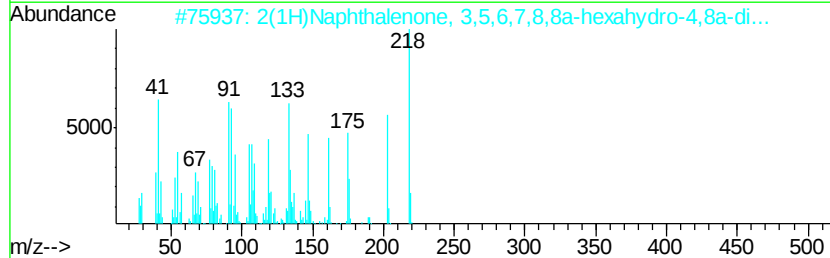
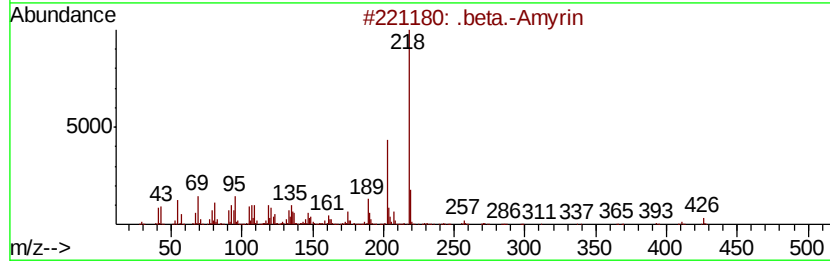
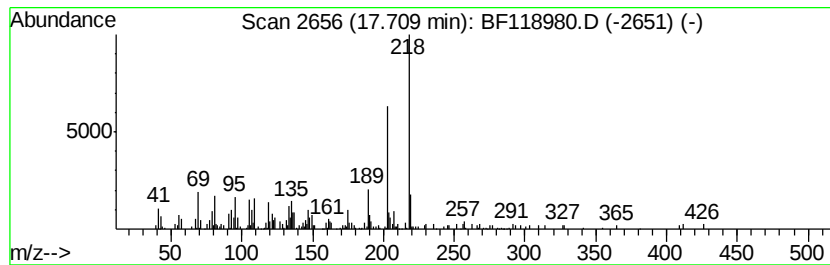
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .beta.-Amyrin Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	4.63 ng	298637	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Amyrin	426 C30H50O	000559-70-6 86
2		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218 C15H22O	1000188-66-5 76
3		.beta.-Amyrin trimethylsilyl ether	498 C33H58OSi	001721-67-1 72
4		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218 C15H22O	006754-66-1 58
5		Dihydrocoumarin, 4,4,5,7,8-penta...	218 C14H18O2	039170-97-3 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

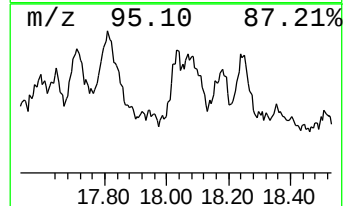
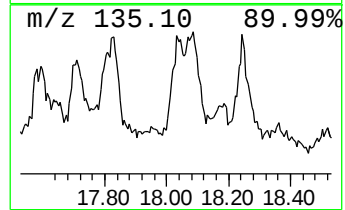
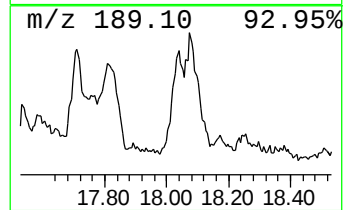
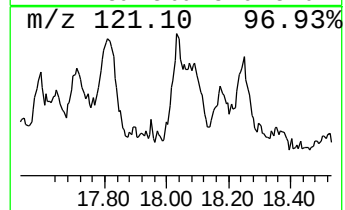
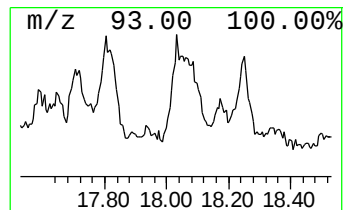
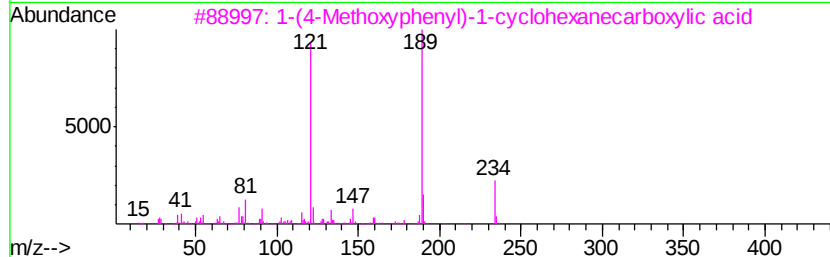
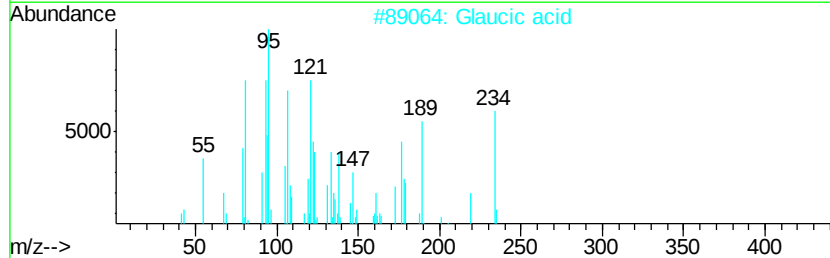
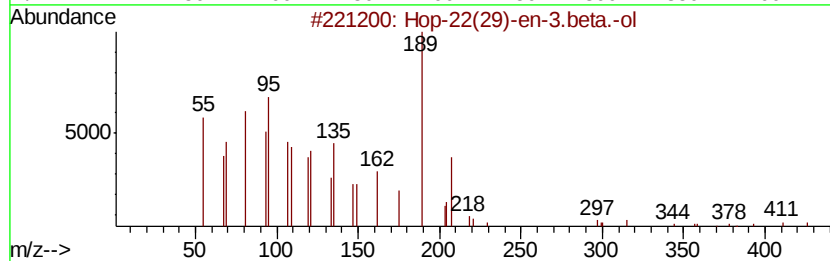
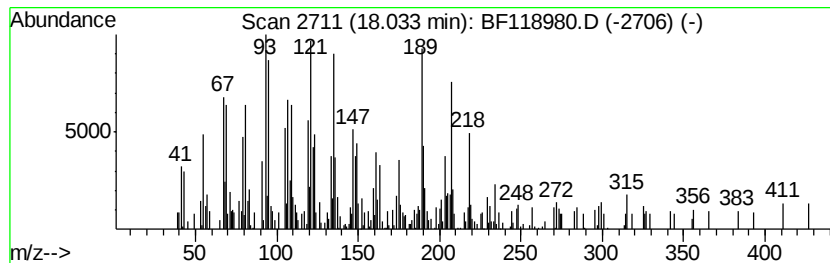
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hop-22(29)-en-3.beta.-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.03	3.64 ng	234527	Perylene-d12	15.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	74
2		Glaucic acid	234	C15H22O2	087745-30-0	25
3		1-(4-Methoxyphenyl)-1-cyclohexan...	234	C14H18O3	007469-83-2	22
4		1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	18
5		Cyclohexanol, 2-methylene-3-(1-m...	154	C10H18O	054244-87-0	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118980.D
Acq On : 21 Feb 2020 1:31
Operator : CG/JU
Sample : L1596-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

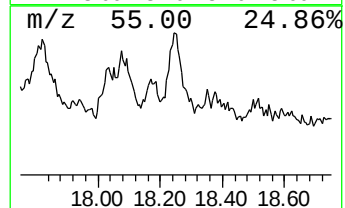
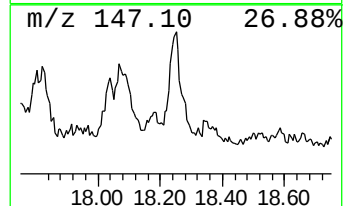
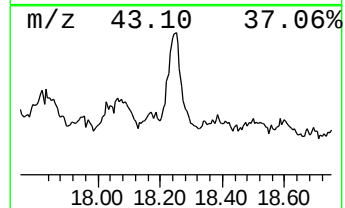
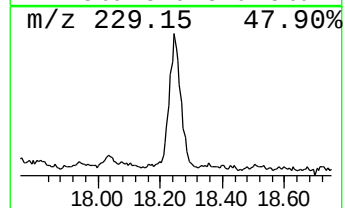
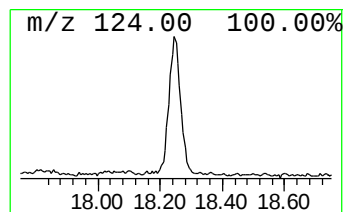
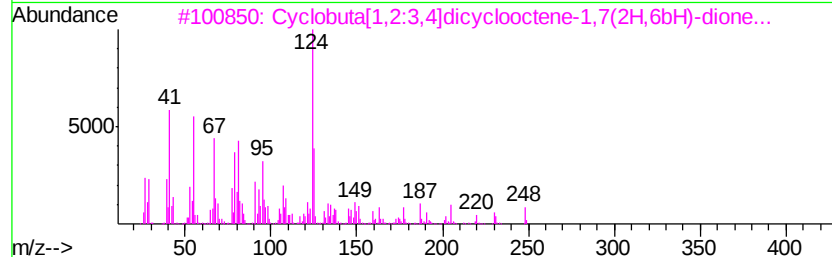
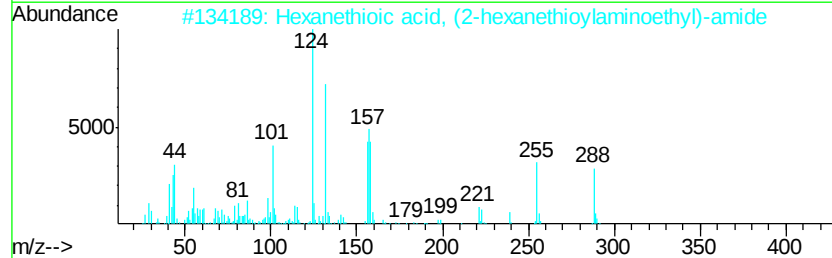
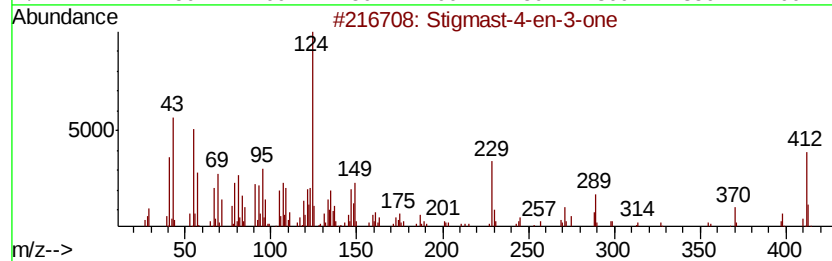
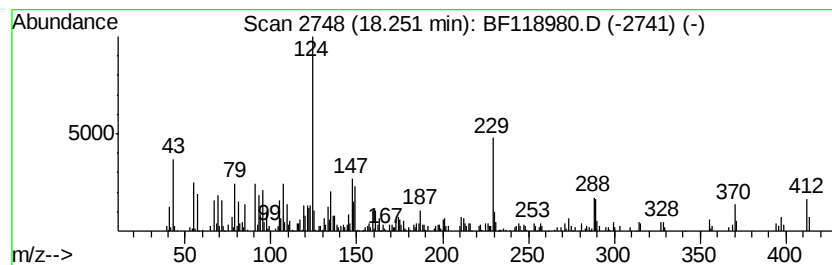
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	8.87 ng	571823	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	60
2		Hexanethioic acid, (2-hexanethio...	288	C14H28N2S2	1000193-53-9	38
3		Cyclobuta[1,2:3,4]dicyclooctene-...	248	C16H24O2	069926-83-6	38
4		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	35
5		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
 Data File : BF118980.D
 Acq On : 21 Feb 2020 1:31
 Operator : CG/JU
 Sample : L1596-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-064

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
n-Hexadecanoic acid	11.80	6.8 ng		463041	4	11.27	1363110	20.0
Octadecanoic acid	12.59	2.0 ng		136452	4	11.27	1363110	20.0
1-Heneicosyl formate	13.75	12.6 ng		724962	5	13.90	1149840	20.0
2-methyloctacosane	14.07	2.1 ng		123550	5	13.90	1149840	20.0
Hexadecane, 1-iodo-	14.38	11.7 ng		669981	5	13.90	1149840	20.0
Tetracosane	14.67	2.2 ng		142939	6	15.33	1289390	20.0
Oxirane, hexadecyl-	14.81	2.6 ng		169241	6	15.33	1289390	20.0
1-Iodo-2-methylun...	15.00	15.4 ng		994568	6	15.33	1289390	20.0
Oxirane, heptadecyl-	15.54	4.7 ng		302857	6	15.33	1289390	20.0
.gamma.-Tocopherol	15.66	2.1 ng		132565	6	15.33	1289390	20.0
Heneicosane	15.77	9.0 ng		578802	6	15.33	1289390	20.0
1-Heptacosanol	15.82	6.0 ng		383332	6	15.33	1289390	20.0
Vitamin E	16.02	4.8 ng		307769	6	15.33	1289390	20.0
Tetradecanal	16.52	5.0 ng		319612	6	15.33	1289390	20.0
Fumaric acid, 2-m...	16.89	5.7 ng		369307	6	15.33	1289390	20.0
.gamma.-Sitosterol	17.27	21.7 ng		1397230	6	15.33	1289390	20.0
.beta.-Amyrin	17.71	4.6 ng		298637	6	15.33	1289390	20.0
Hop-22(29)-en-3.b...	18.03	3.6 ng		234527	6	15.33	1289390	20.0
Stigmast-4-en-3-one	18.25	8.9 ng		571823	6	15.33	1289390	20.0