

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126478.D
 Acq On : 4 Jan 2022 20:37
 Operator : JU/CG
 Sample : M5342-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-(10-15)

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-BF122921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.828	290	296	302	rBV	55138	75442	2.54%	0.320%
2	4.998	486	495	500	rBV	74870	98908	3.33%	0.419%
3	5.404	559	564	567	rBV	2911935	2893477	97.53%	12.270%
4	6.416	731	736	739	rBV	2843028	2966657	100.00%	12.580%
5	6.781	794	798	802	rBV	942394	781374	26.34%	3.313%
6	7.345	888	894	897	rBV	2026090	1985749	66.94%	8.421%
7	7.969	996	1000	1012	rBV	913542	829777	27.97%	3.519%
8	8.063	1012	1016	1020	rVB	1216500	1090969	36.77%	4.626%
9	9.145	1194	1200	1203	rBV	3018060	2932304	98.84%	12.435%
10	9.822	1310	1315	1318	rBV	1299893	1128817	38.05%	4.787%
11	10.610	1444	1449	1452	rBV	1912808	1681325	56.67%	7.130%
12	11.304	1563	1567	1571	rVB	1301681	1065024	35.90%	4.516%
13	11.704	1630	1635	1638	rBV	91327	69278	2.34%	0.294%
14	11.839	1654	1658	1667	rBV2	164945	169984	5.73%	0.721%
15	12.410	1753	1755	1758	rVB2	57829	42552	1.43%	0.180%
16	12.627	1788	1792	1799	rBV	40435	50949	1.72%	0.216%
17	12.892	1833	1837	1841	rBV	2494111	2525748	85.14%	10.711%
18	13.798	1987	1991	2006	rBV2	119038	259934	8.76%	1.102%
19	13.939	2011	2015	2019	rBV	862884	824969	27.81%	3.498%
20	14.039	2026	2032	2041	rBV	256118	289482	9.76%	1.228%
21	14.721	2146	2148	2153	rVB	41492	38501	1.30%	0.163%
22	15.051	2200	2204	2209	rBV	69137	75131	2.53%	0.319%
23	15.380	2255	2260	2264	rBV	612432	713903	24.06%	3.027%
24	15.421	2264	2267	2271	rVB	114615	134379	4.53%	0.570%
25	15.845	2333	2339	2346	rBV	119110	180359	6.08%	0.765%
26	16.333	2416	2422	2432	rVB2	121222	217850	7.34%	0.924%
27	16.909	2513	2520	2529	rVB	89089	182077	6.14%	0.772%
28	17.580	2627	2634	2643	rBV3	70212	162899	5.49%	0.691%
29	18.392	2763	2772	2779	rBV2	41245	113856	3.84%	0.483%

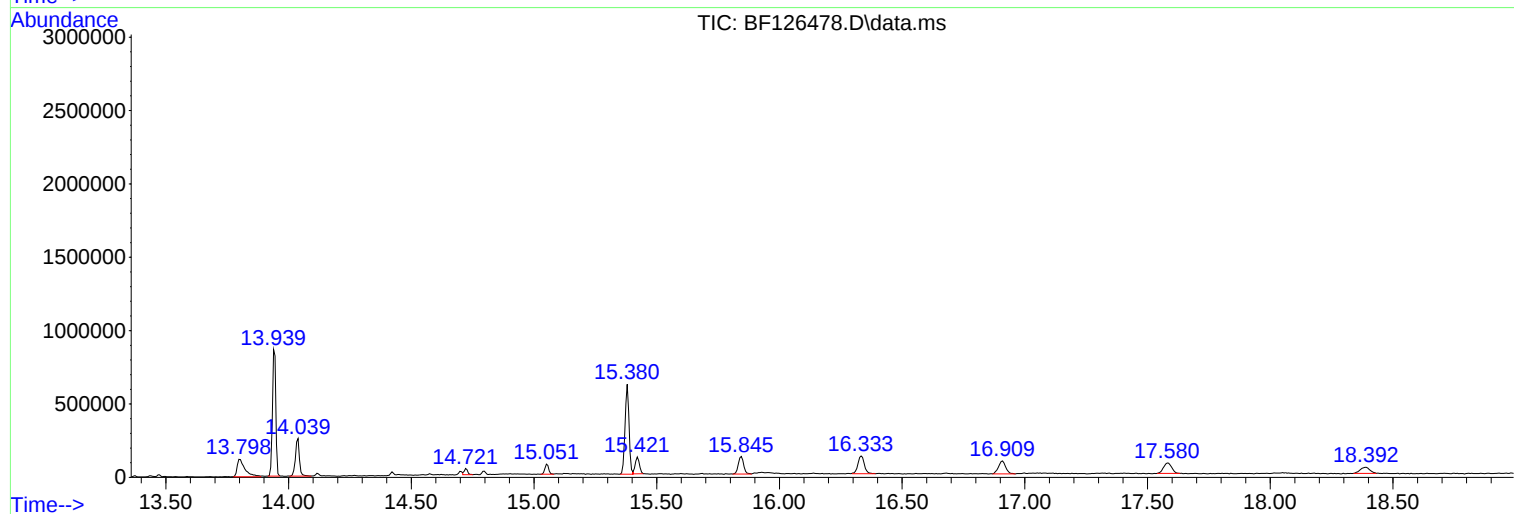
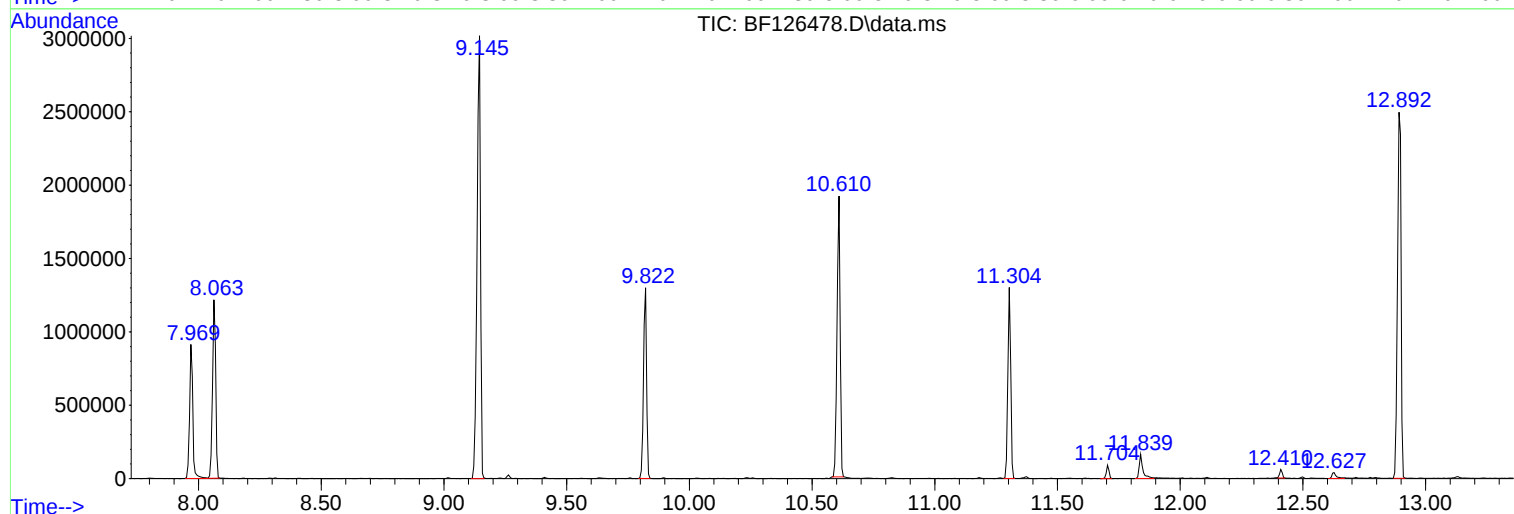
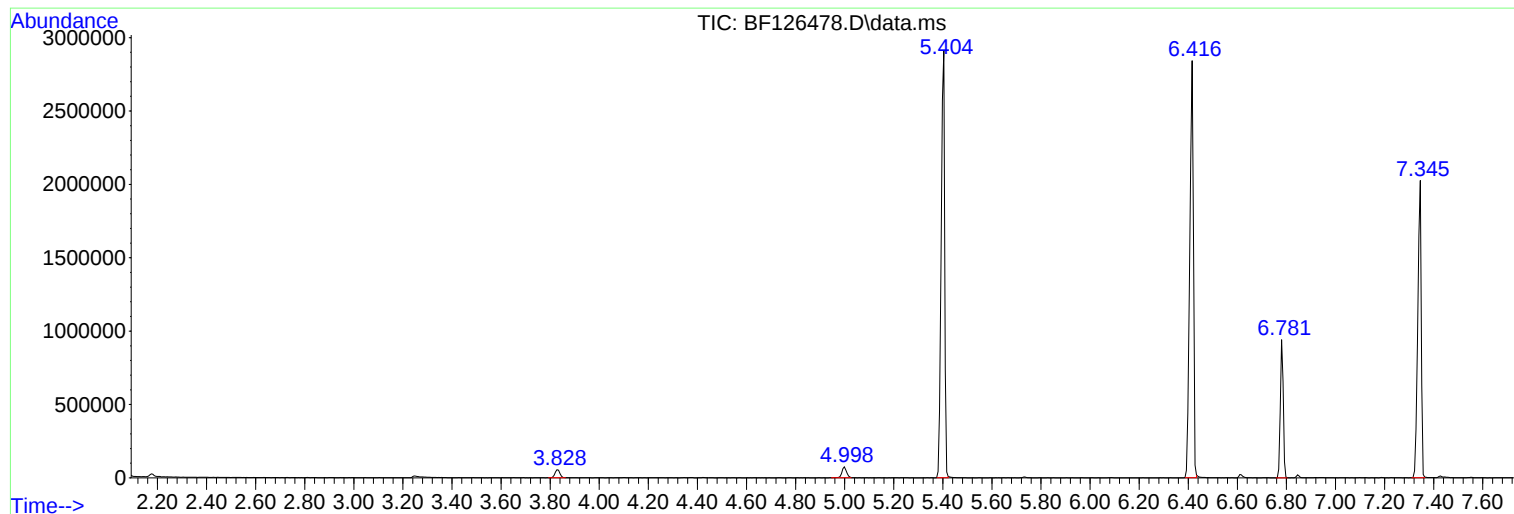
Sum of corrected areas: 23581674

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

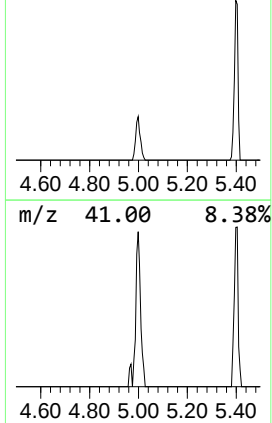
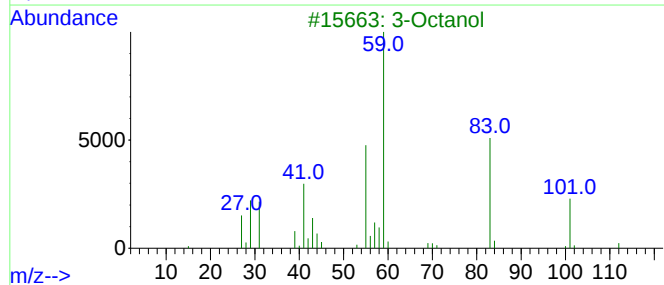
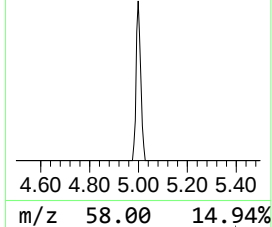
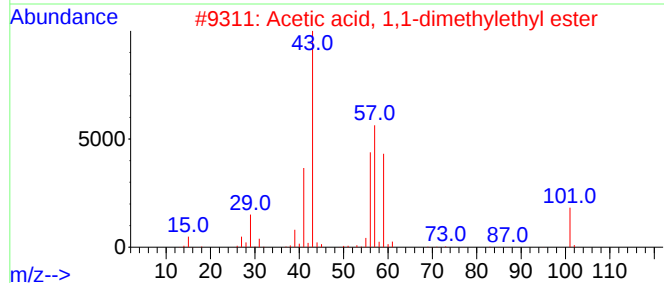
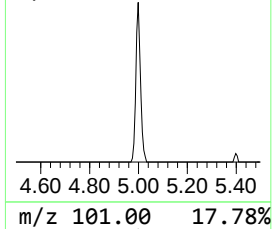
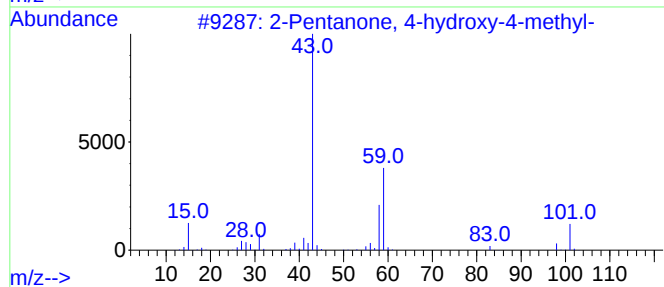
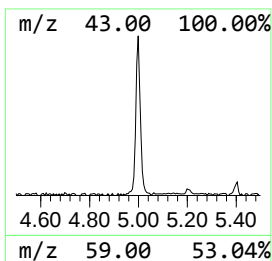
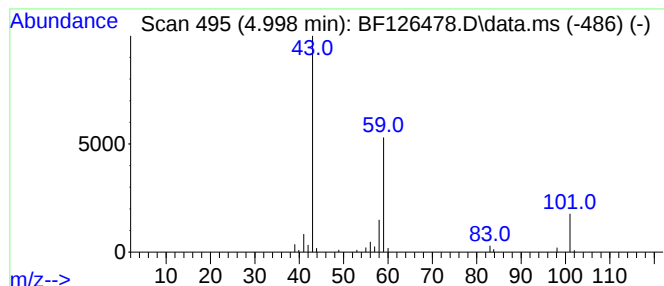
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	2.53 ng	98908	1,4-Dichlorobenzene-d4	6.781

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		3-Octanol	130	C8H18O	000589-98-0	36
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	32
5		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

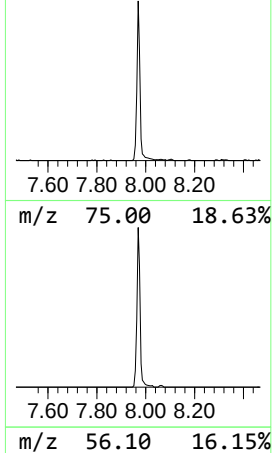
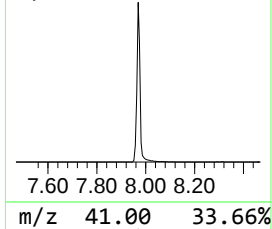
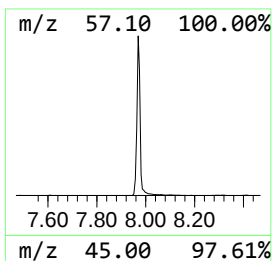
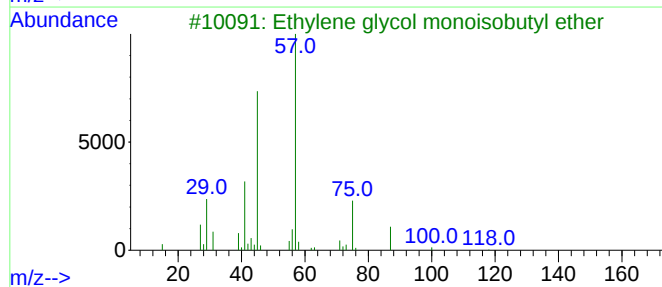
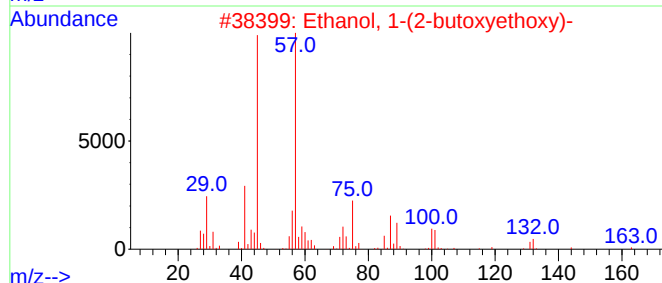
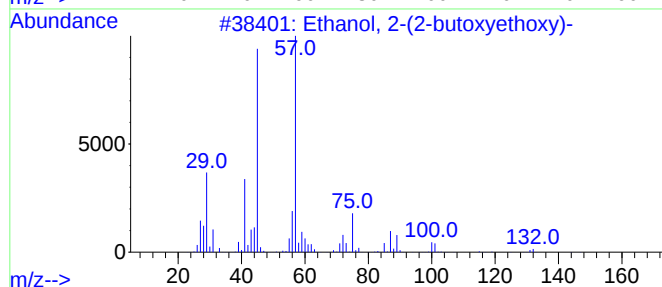
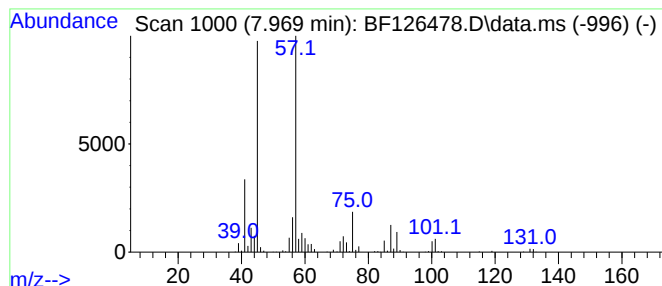
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	15.21 ng	829777	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5			Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

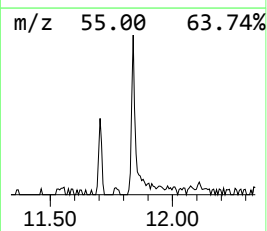
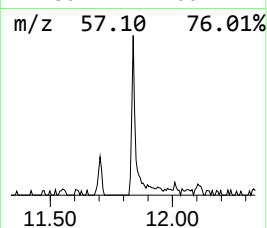
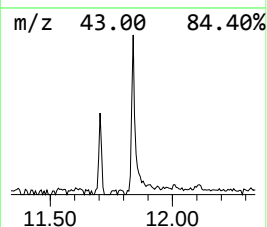
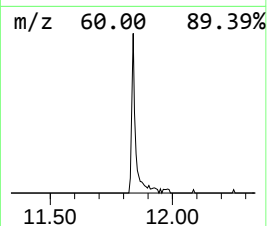
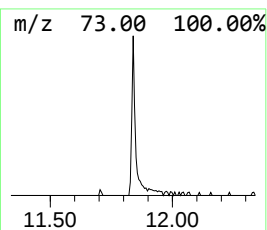
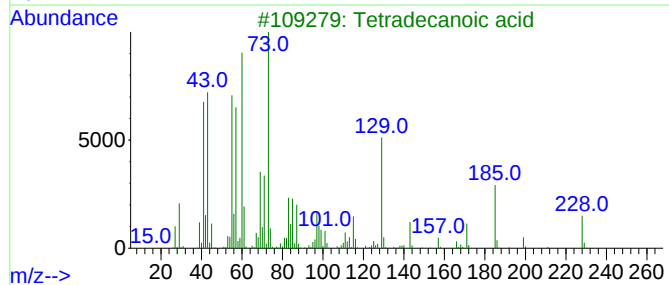
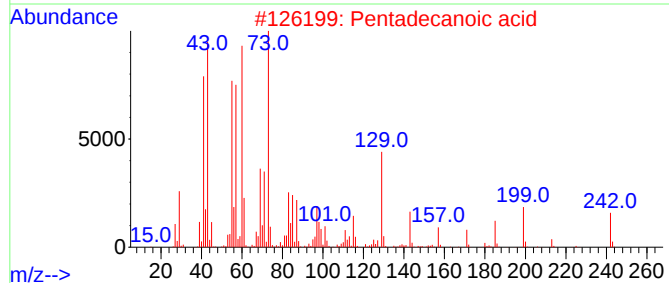
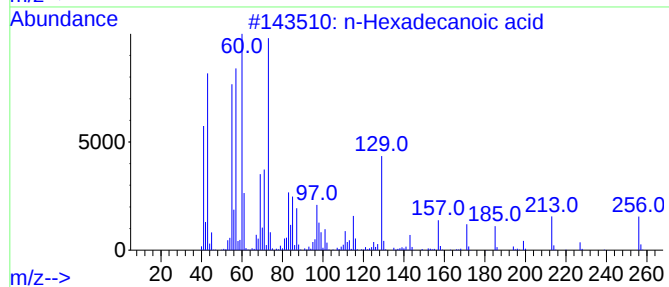
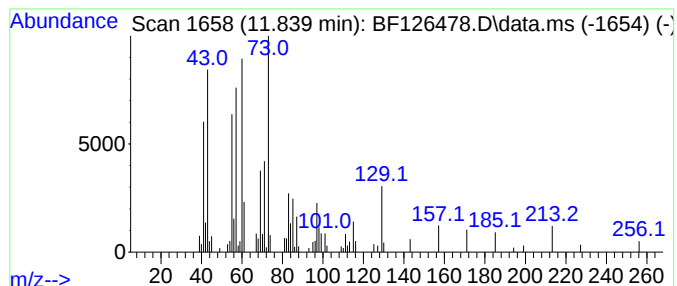
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	3.19 ng	169984	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	72
5			Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

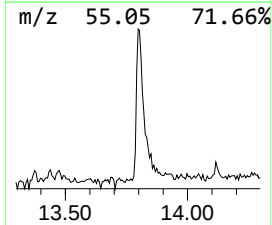
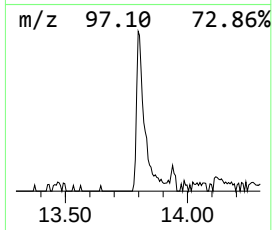
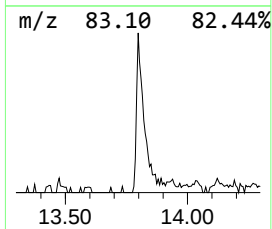
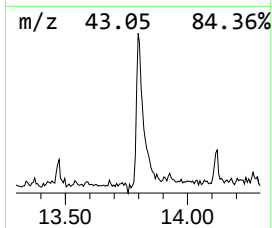
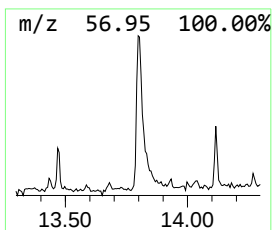
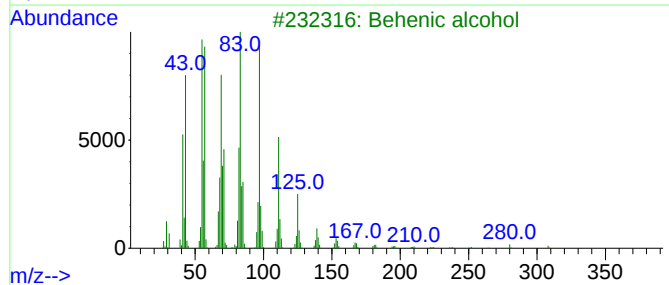
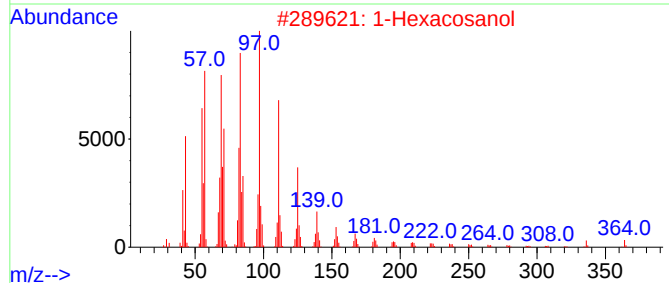
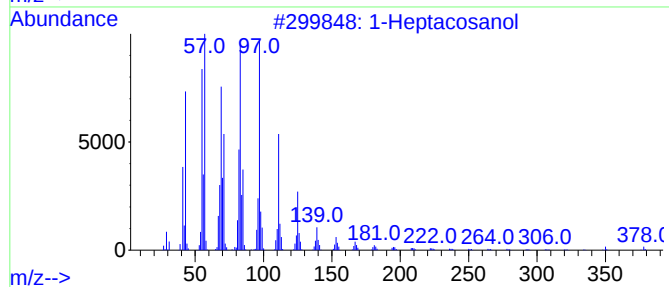
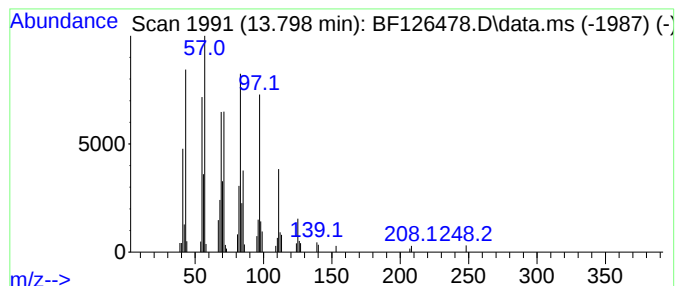
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.798	6.30 ng	259934	Chrysene-d12	13.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	1-Docosene	308	C22H44	001599-67-3	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

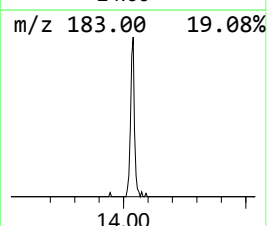
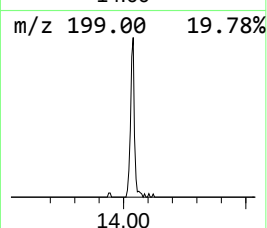
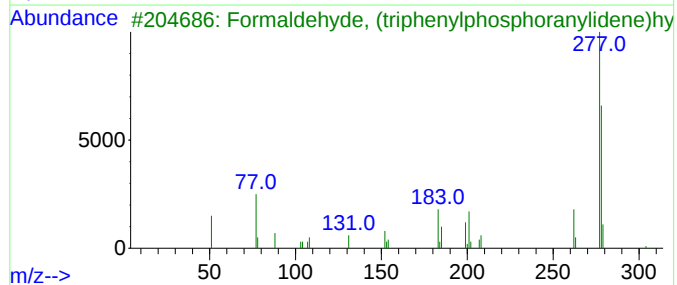
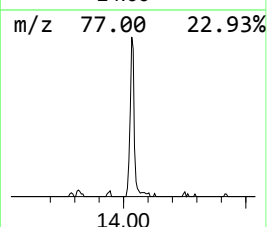
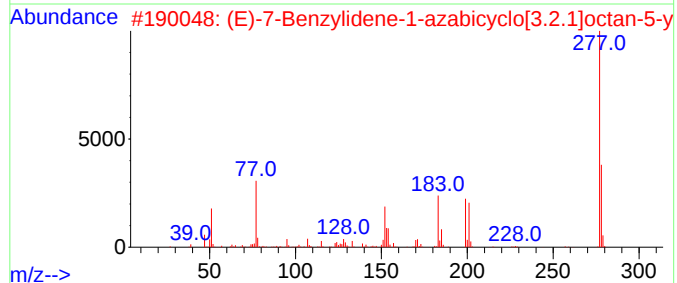
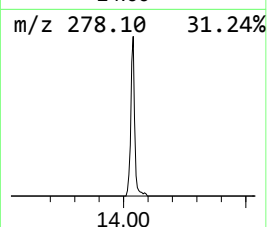
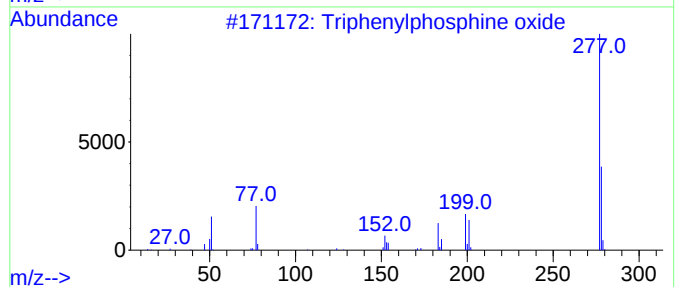
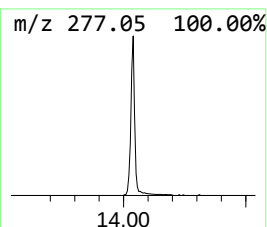
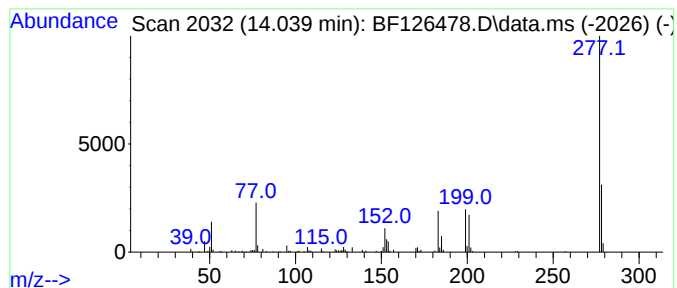
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.039	7.02 ng	289482	Chrysene-d12	13.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	76
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	59
4			Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	40
5			Thiophene-3-carbonitrile, 4-(4-m...	277	C13H11NO2S2	1000268-75-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

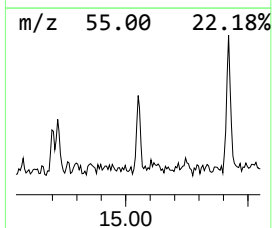
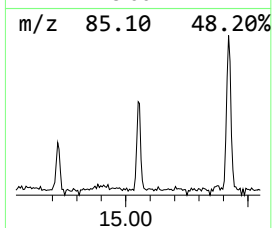
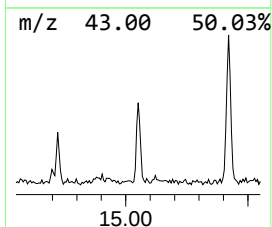
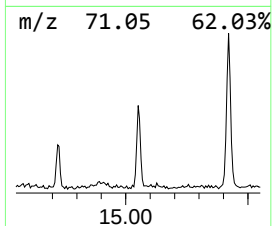
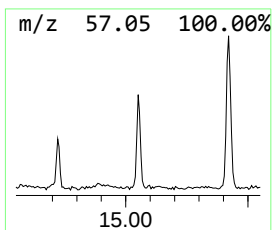
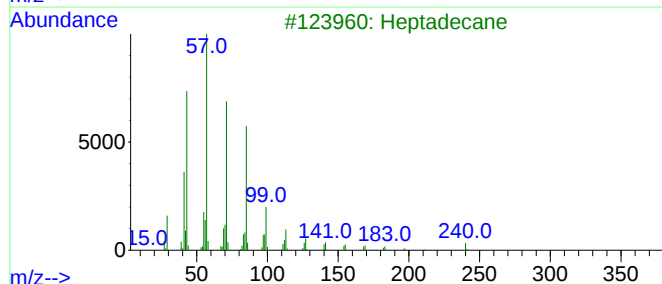
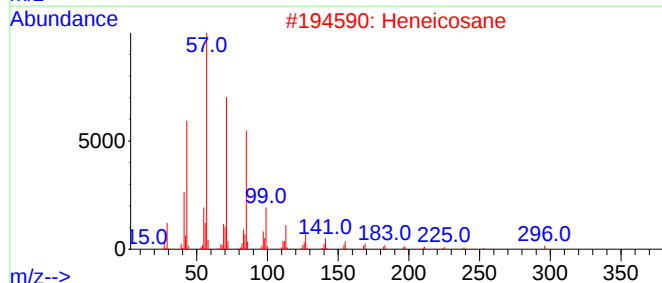
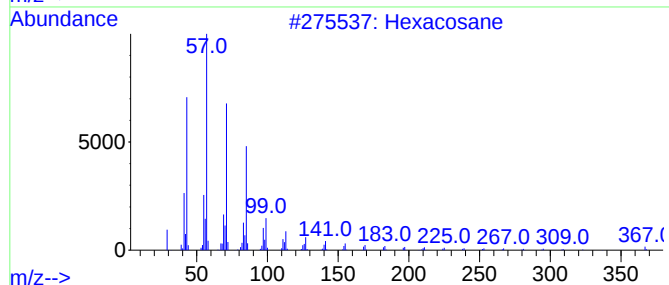
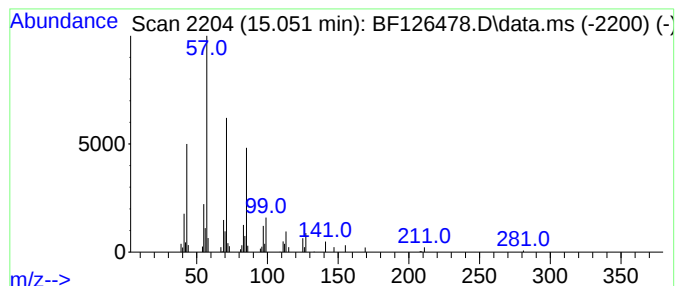
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.051	2.10 ng	75131	Perylene-d12	15.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

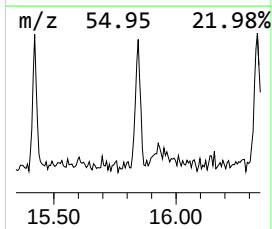
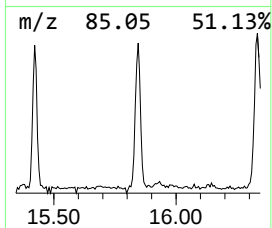
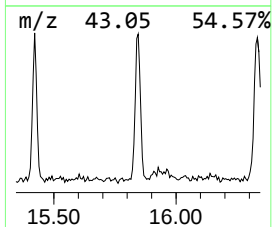
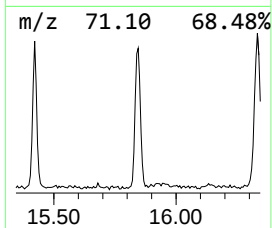
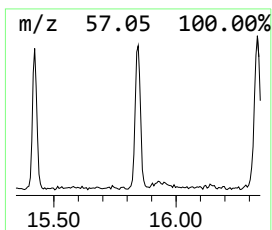
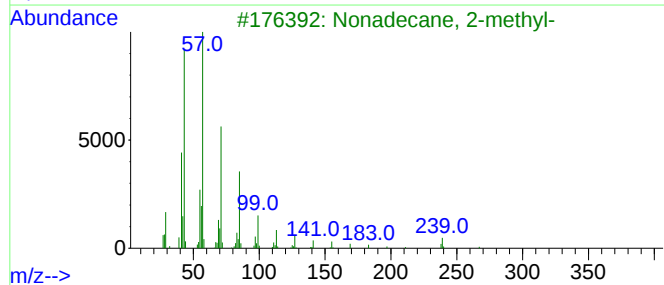
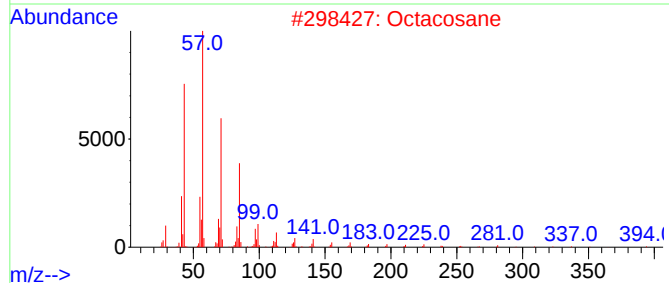
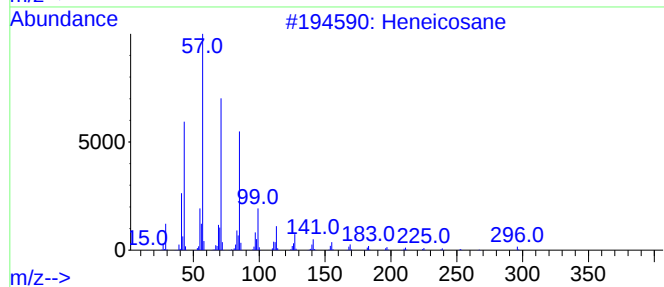
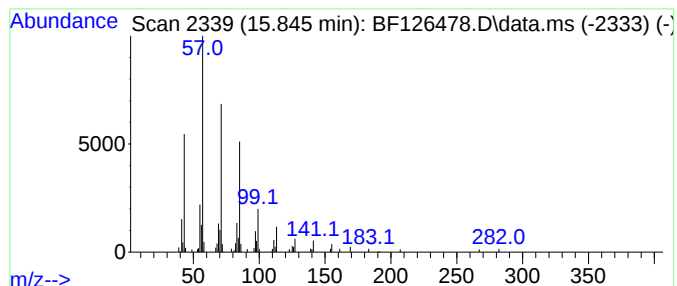
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	5.05 ng	180359	Perylene-d12	15.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
4			Eicosane	282	C20H42	000112-95-8	89
5			Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

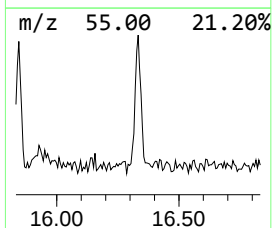
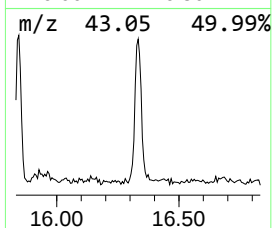
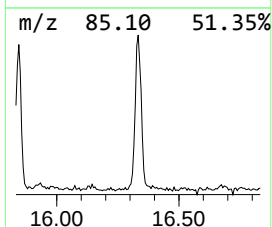
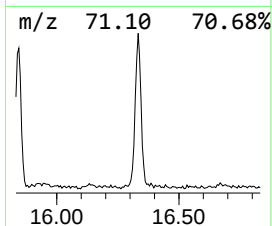
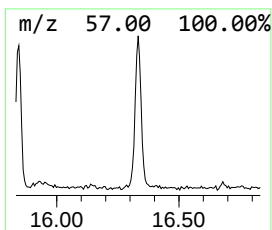
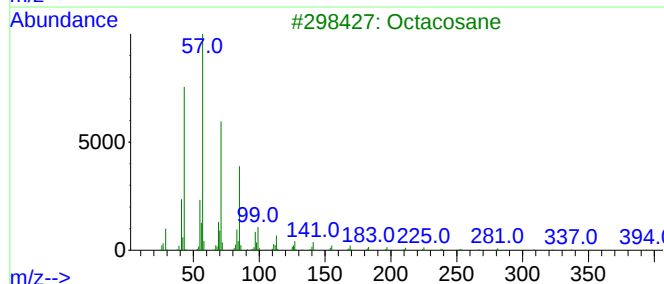
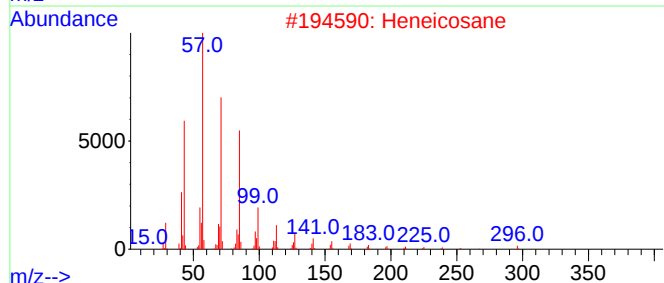
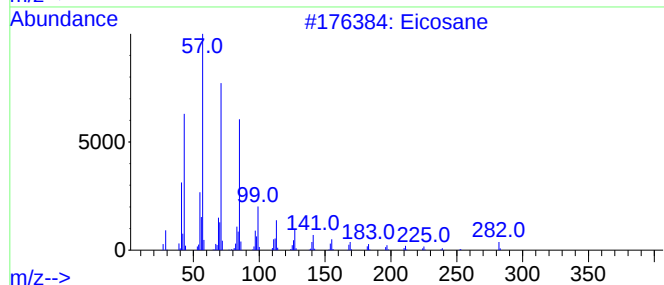
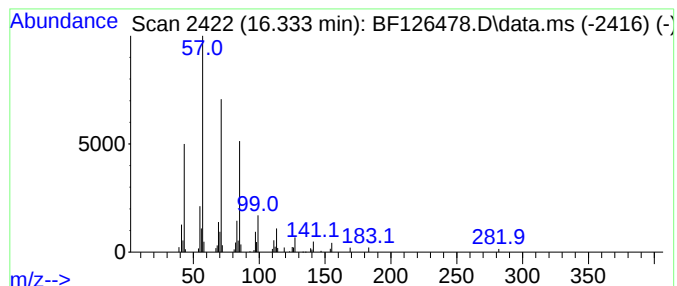
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.333	6.10 ng	217850	Perylene-d12	15.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	94
2	Heneicosane			296	C21H44	000629-94-7	91
3	Octacosane			394	C28H58	000630-02-4	91
4	Nonadecane, 2-methyl-			282	C20H42	001560-86-7	91
5	Tetracosane			338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

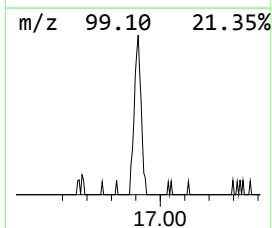
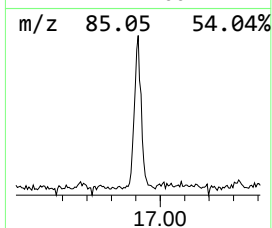
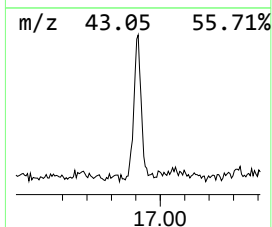
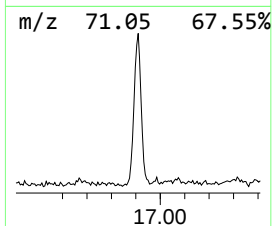
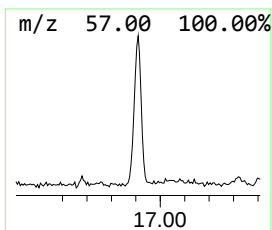
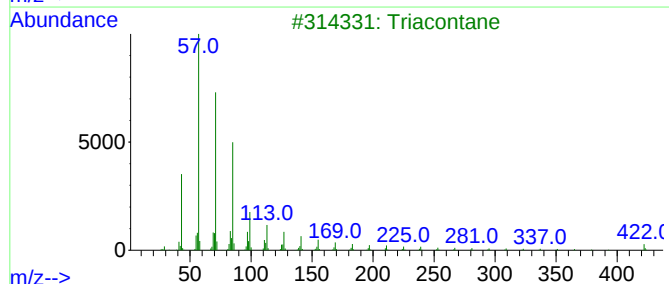
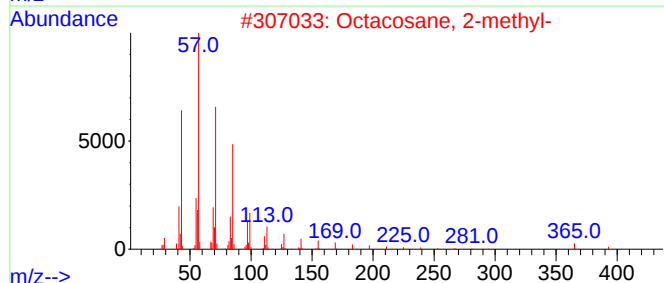
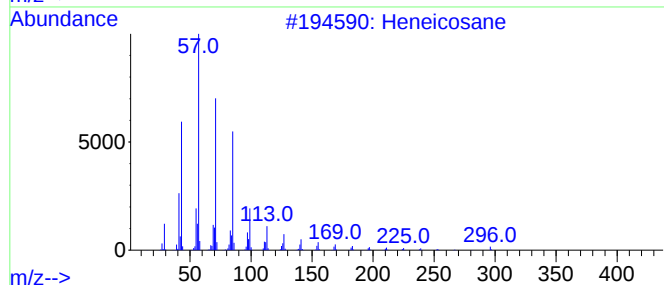
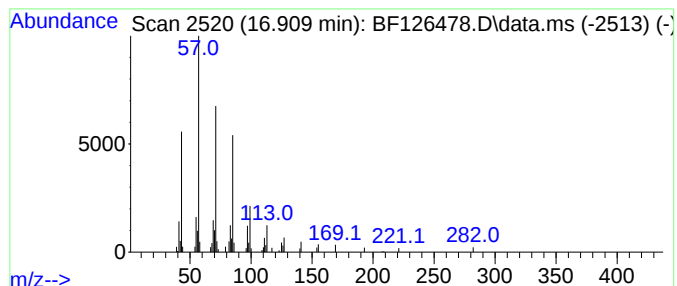
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.909	5.10 ng	182077	Perylene-d12	15.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane, 2-methyl-	408	C29H60	001560-98-1	86
3		Triacontane	422	C30H62	000638-68-6	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

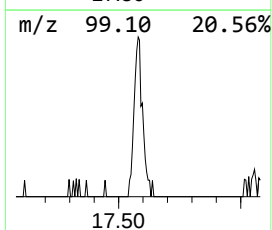
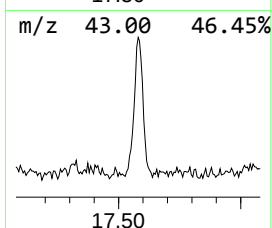
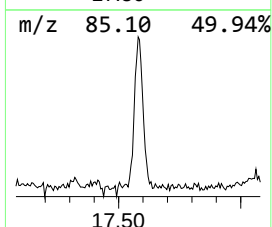
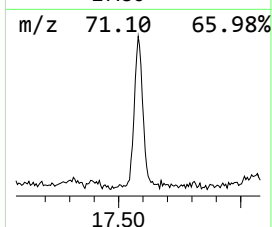
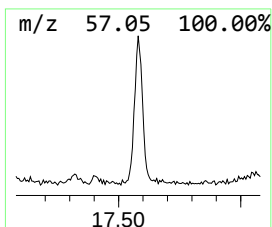
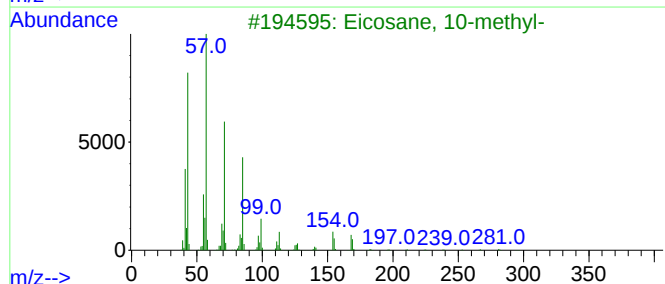
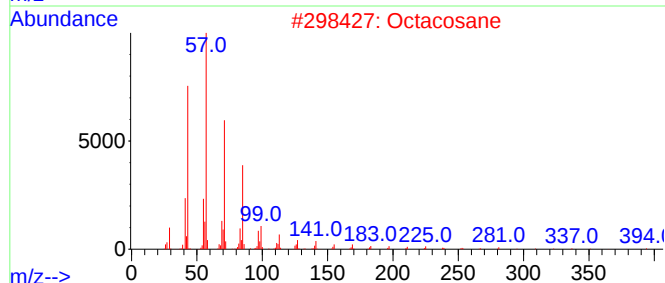
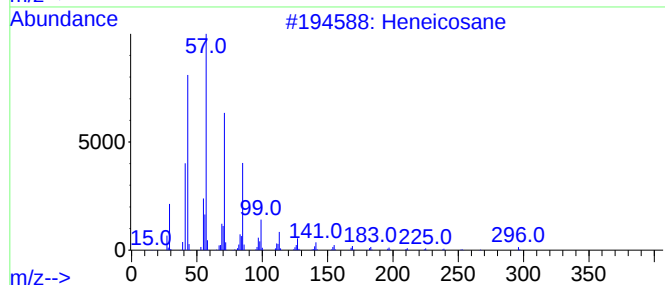
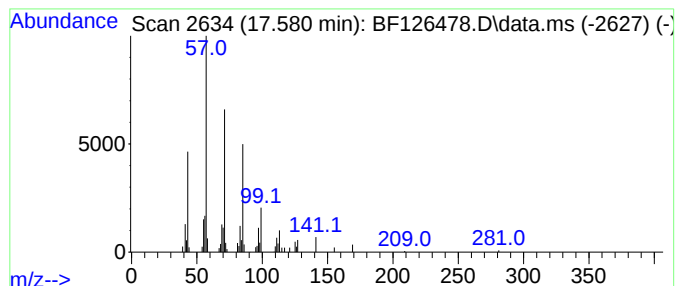
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.580	4.56 ng	162899	Perylene-d12	15.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Octacosane	394	C28H58	000630-02-4	87
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5			10-Methylnonadecane	282	C20H42	056862-62-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

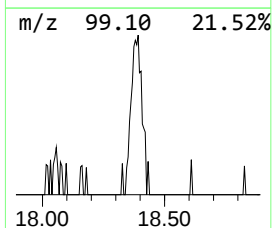
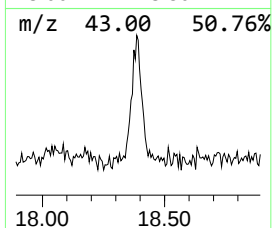
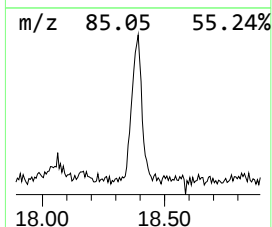
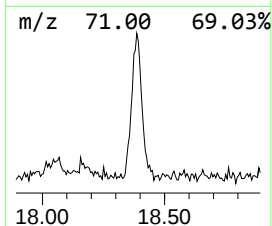
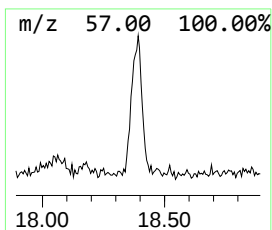
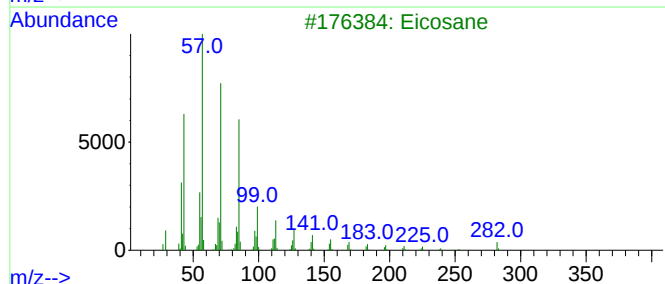
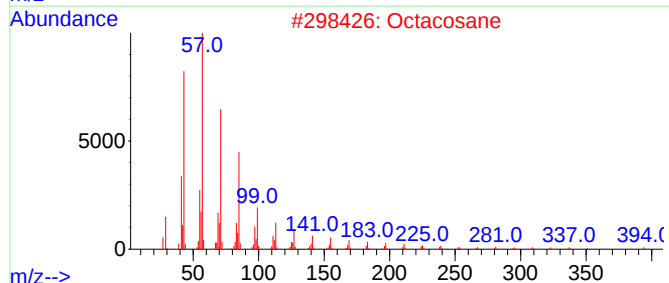
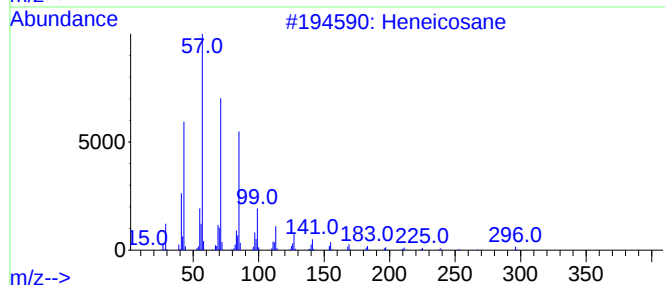
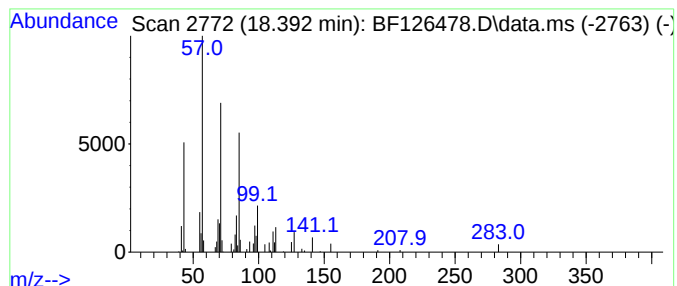
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	3.19 ng	113856	Perylene-d12	15.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126478.D
Acq On : 4 Jan 2022 20:37
Operator : JU/CG
Sample : M5342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.998	2.5	ng	98908	1	6.781	781374	20.0
Ethanol, 2-(2-b...	7.969	15.2	ng	829777	2	8.063	1090970	20.0
n-Hexadecanoic ...	11.839	3.2	ng	169984	4	11.304	1065020	20.0
1-Heptacosanol	13.798	6.3	ng	259934	5	13.945	824969	20.0
Triphenylphosph...	14.039	7.0	ng	289482	5	13.945	824969	20.0
Hexacosane	15.051	2.1	ng	75131	6	15.380	713903	20.0
Heneicosane	15.845	5.0	ng	180359	6	15.380	713903	20.0
Eicosane	16.333	6.1	ng	217850	6	15.380	713903	20.0
Octacosane, 2-m...	16.909	5.1	ng	182077	6	15.380	713903	20.0
Octacosane	17.580	4.6	ng	162899	6	15.380	713903	20.0
Heptadecane	18.392	3.2	ng	113856	6	15.380	713903	20.0