

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033120\
 Data File : BF119660.D
 Acq On : 31 Mar 2020 19:01
 Operator : MA/SJ
 Sample : L2055-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-(1-3)

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-BF031820.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	2.204	16	20	30	rVB	129336	197014	2.98%	0.381%
2	5.045	494	503	509	rBV	206347	259975	3.93%	0.503%
3	5.445	566	571	574	rBV	6446853	6167191	93.31%	11.936%
4	6.457	738	743	746	rBV	5499429	6096629	92.24%	11.800%
5	6.828	803	806	810	rBV	2133485	1684534	25.49%	3.260%
6	6.987	829	833	836	rBV	5816894	4913904	74.35%	9.511%
7	7.392	897	902	905	rBV	4330982	3913837	59.21%	7.575%
8	8.116	1021	1025	1028	rBV	2734900	2118034	32.04%	4.099%
9	9.198	1203	1209	1212	rBV	7747331	6609579	100.00%	12.792%
10	9.586	1272	1275	1279	rBV	659249	577822	8.74%	1.118%
11	9.880	1321	1325	1328	rVB	2396815	2153991	32.59%	4.169%
12	10.669	1454	1459	1462	rBV	3764474	3347333	50.64%	6.479%
13	11.369	1574	1578	1580	rBV	2210719	1842009	27.87%	3.565%
14	11.392	1580	1582	1586	rVB	98806	87785	1.33%	0.170%
15	11.898	1665	1668	1680	rBV	934730	893981	13.53%	1.730%
16	12.580	1782	1784	1787	rBV	232339	212707	3.22%	0.412%
17	12.686	1798	1802	1810	rBV2	244121	330572	5.00%	0.640%
18	12.810	1820	1823	1826	rVB	207664	158715	2.40%	0.307%
19	12.963	1844	1849	1852	rBV	4833540	4766020	72.11%	9.224%
20	13.192	1886	1888	1893	rVB3	75501	83071	1.26%	0.161%
21	13.868	2000	2003	2013	rBV	779655	1142504	17.29%	2.211%
22	14.010	2023	2027	2030	rBV	1475214	1484964	22.47%	2.874%
23	14.186	2054	2057	2059	rBV	155147	136599	2.07%	0.264%
24	14.492	2106	2109	2111	rBV	292756	320870	4.85%	0.621%
25	14.710	2143	2146	2149	rVB	214921	196002	2.97%	0.379%
26	14.798	2159	2161	2167	rVB	230545	248257	3.76%	0.480%
27	15.139	2216	2219	2224	rVB	310370	335327	5.07%	0.649%
28	15.480	2273	2277	2281	rBV	968705	1097384	16.60%	2.124%
29	15.962	2356	2359	2364	rVB	220675	291062	4.40%	0.563%

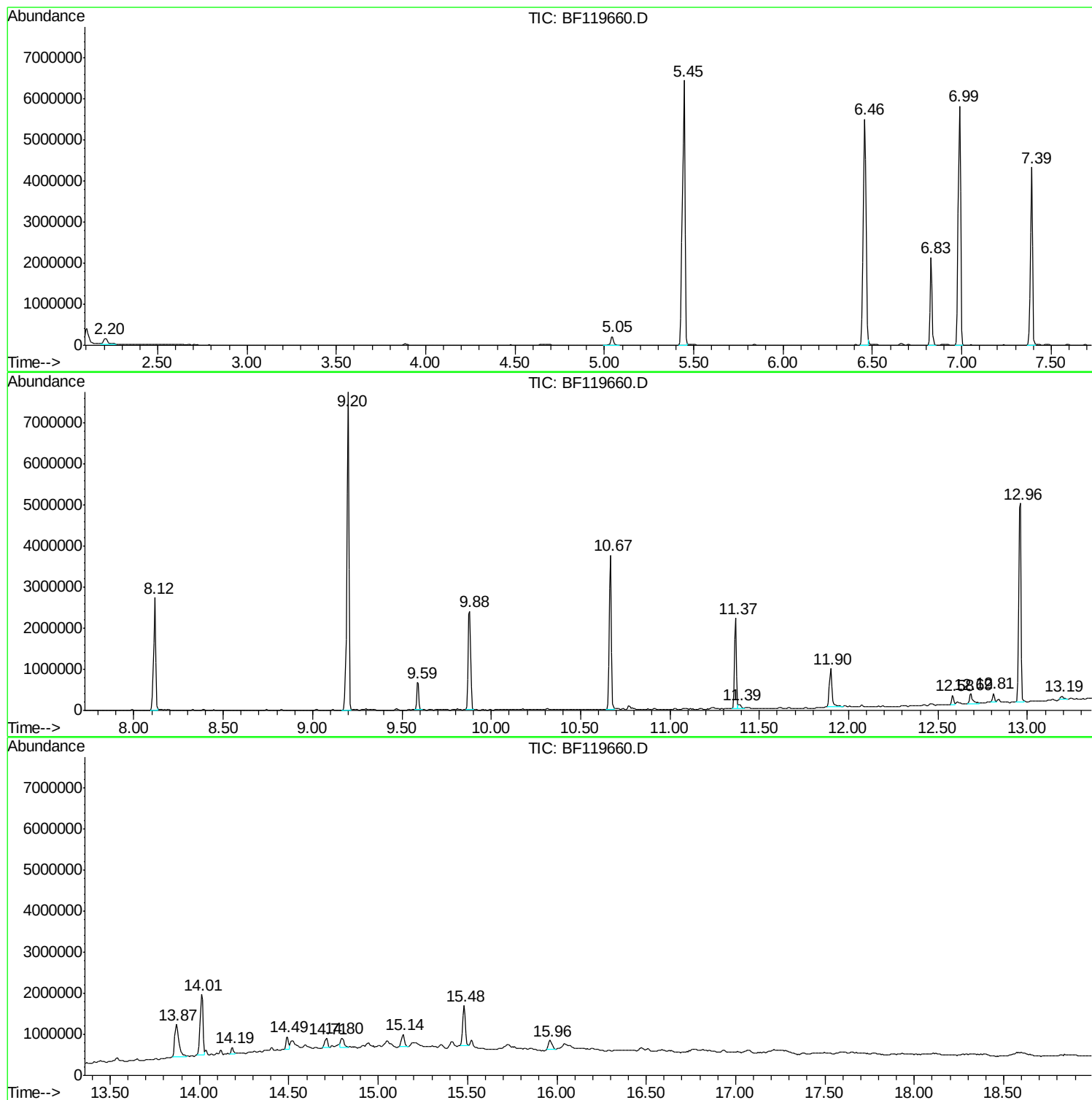
Sum of corrected areas: 51667672

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

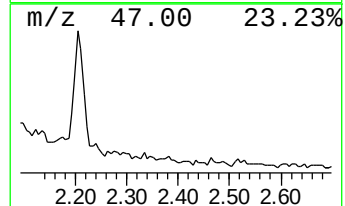
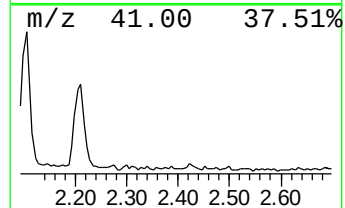
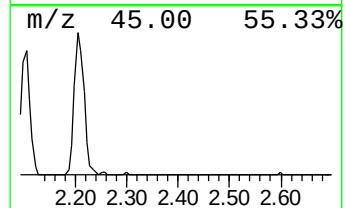
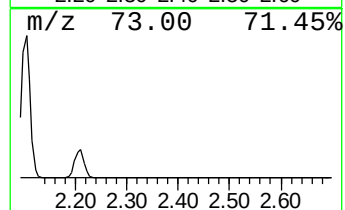
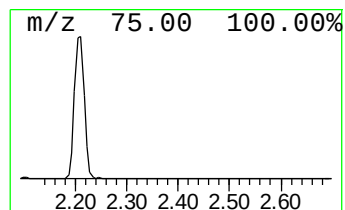
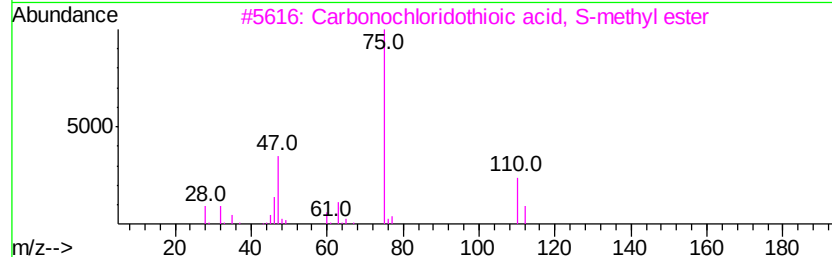
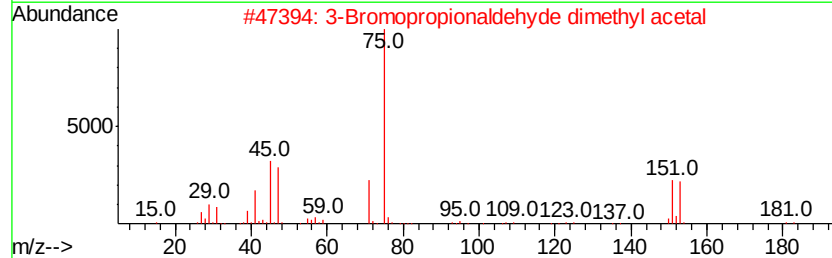
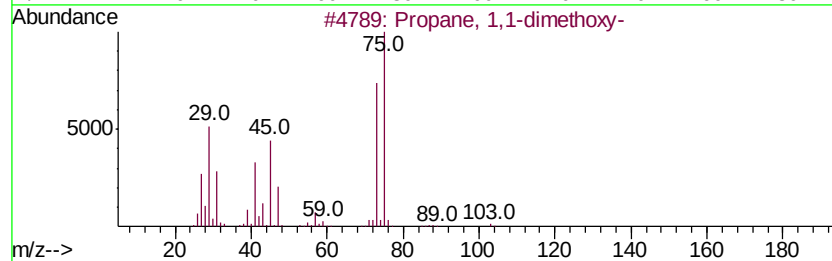
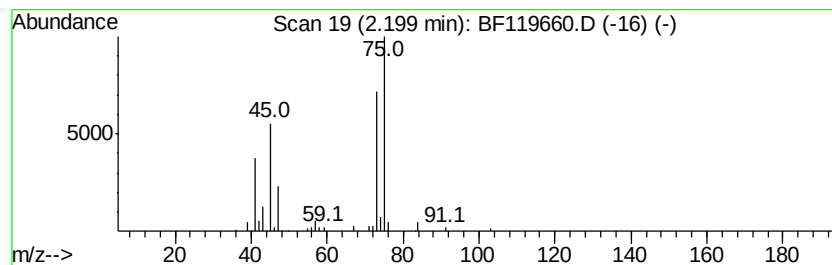
Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.20	2.34 ng	197014	1,4-Dichlorobenzene-d4	6.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	72
2	3-Bromopropionaldehyde dimethyl ...	182	C5H11BrO2	036255-44-4	38
3	Carbonochloridothioic acid, S-me...	110	C2H3ClOS	018369-83-0	33
4	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	14
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

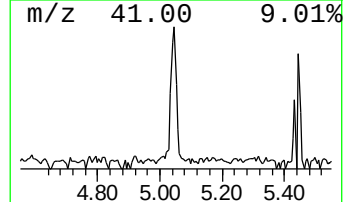
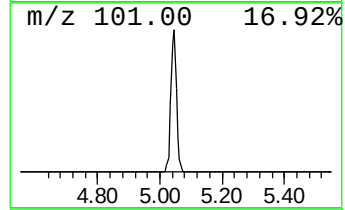
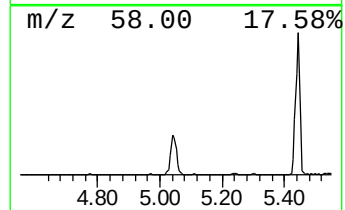
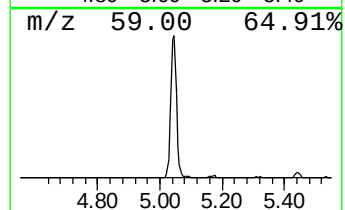
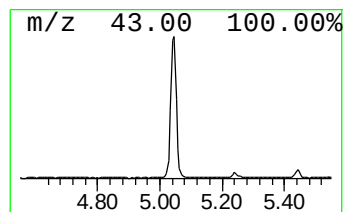
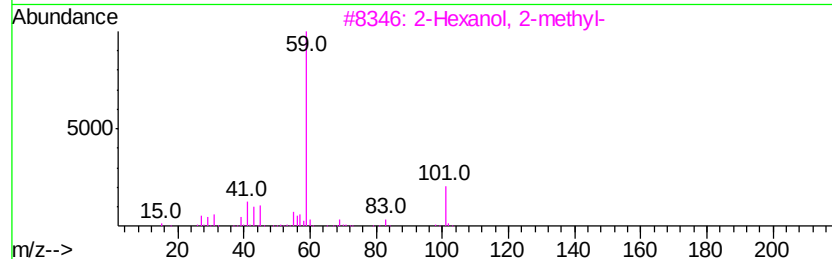
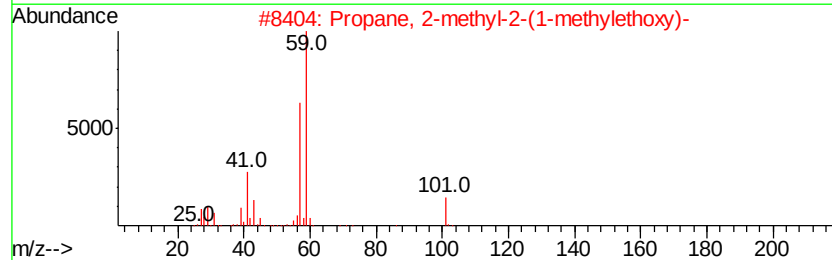
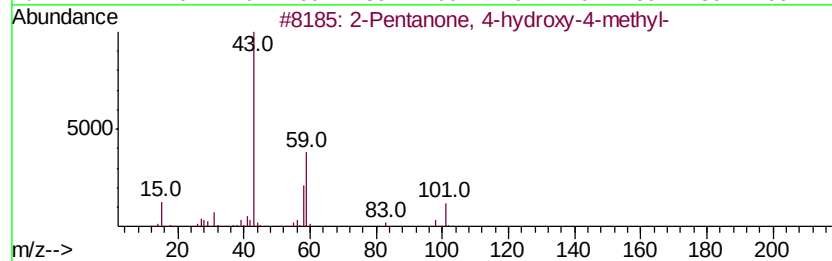
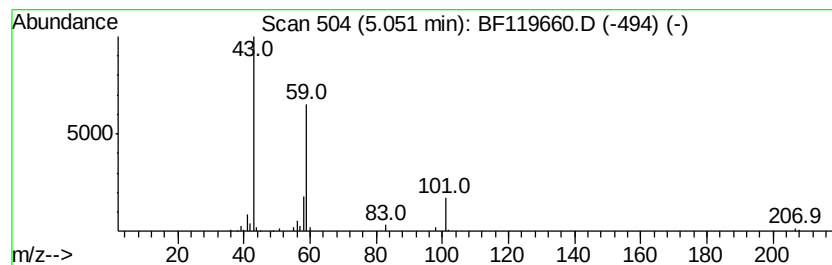
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.09 ng	259975	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Octanol	130	C8H18O	000589-98-0	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

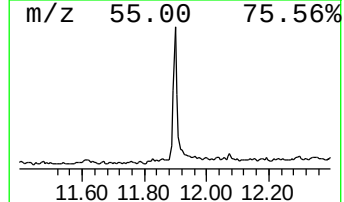
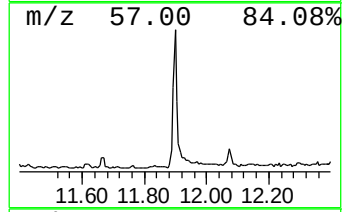
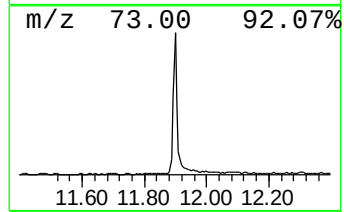
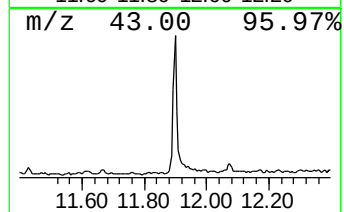
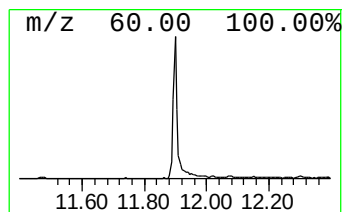
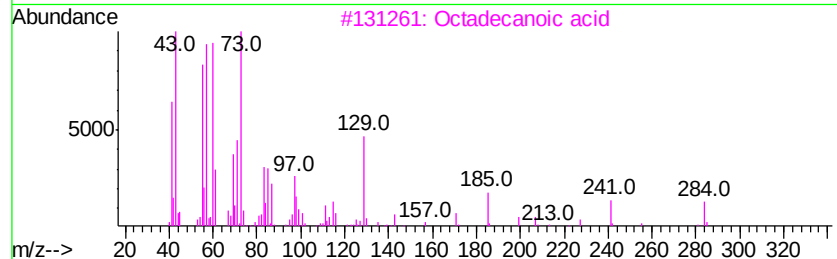
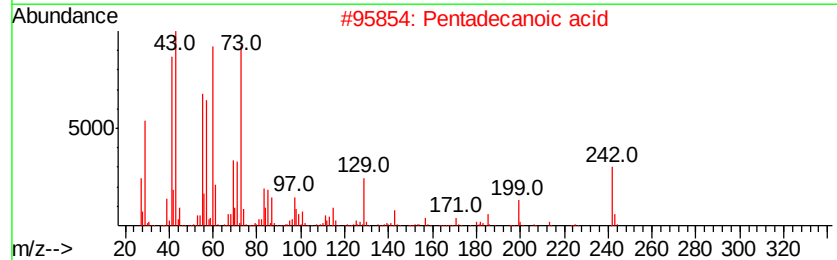
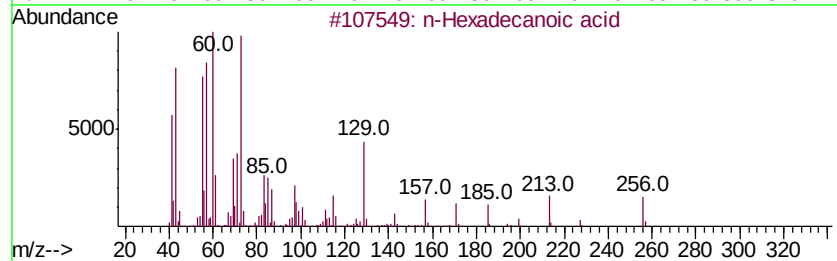
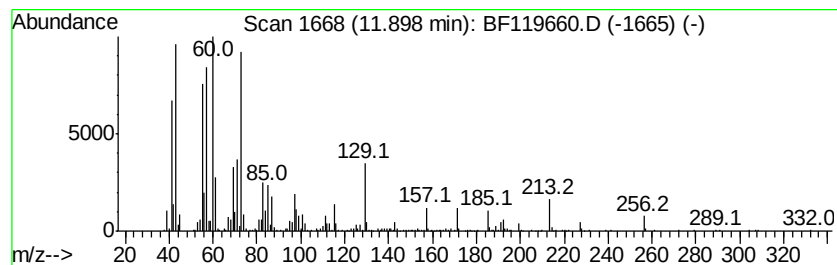
Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.90	9.71 ng	893981	Phenanthrene-d10		11.37
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	83
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

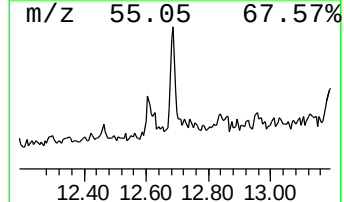
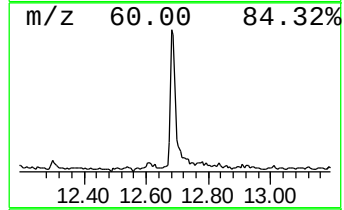
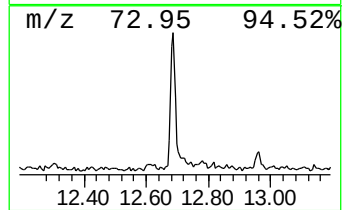
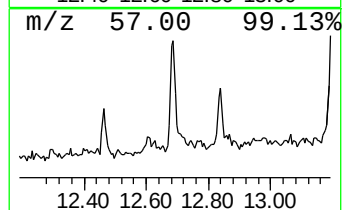
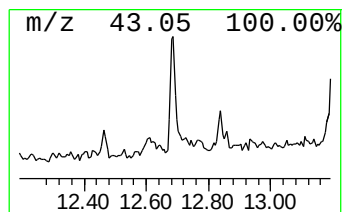
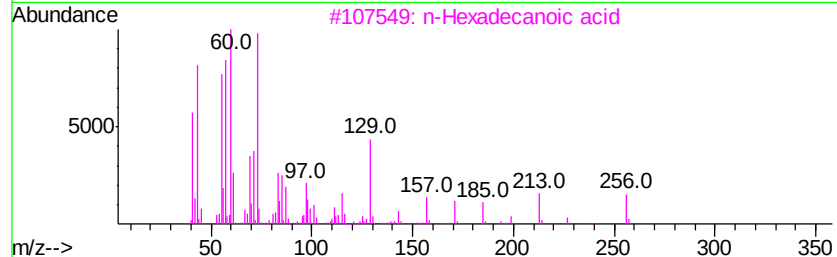
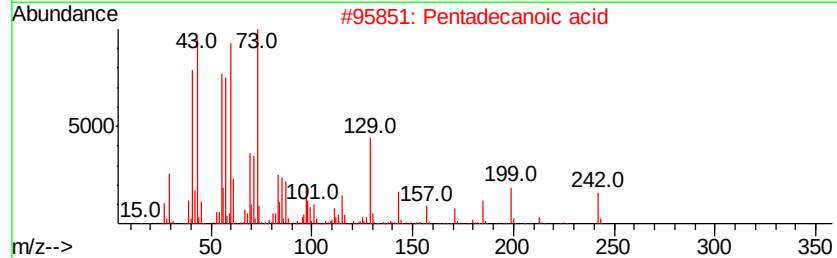
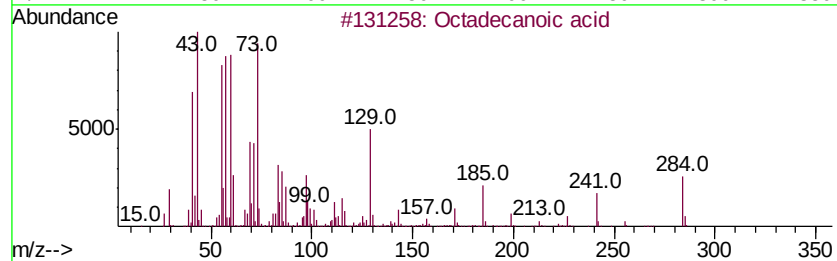
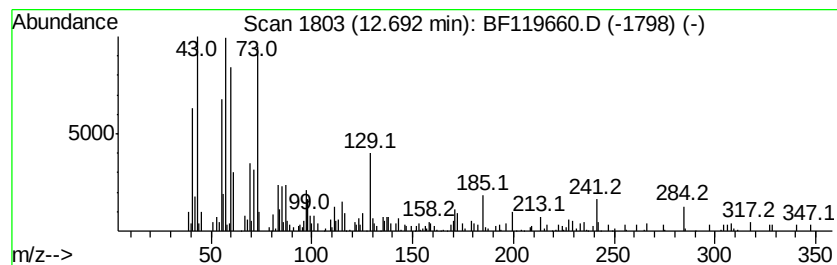
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	3.59 ng	330572	Phenanthrene-d10	11.37

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		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		n-Decanoic acid	172	C10H20O2	000334-48-5	86
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

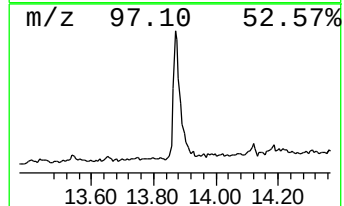
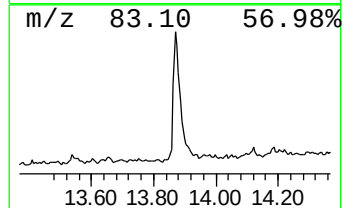
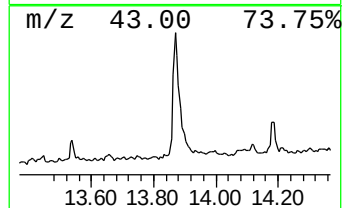
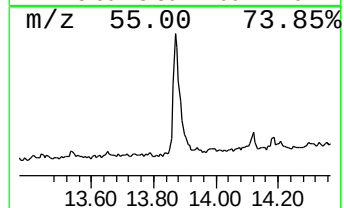
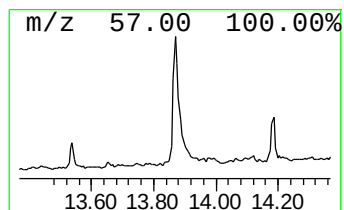
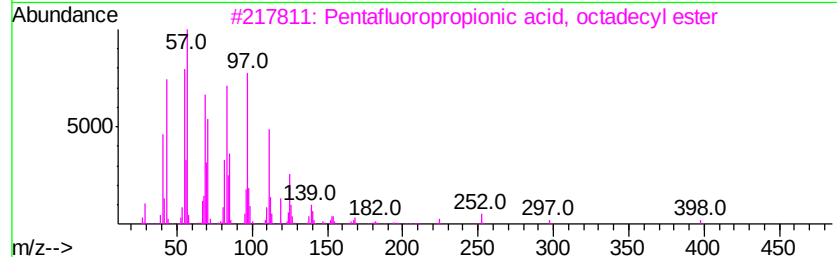
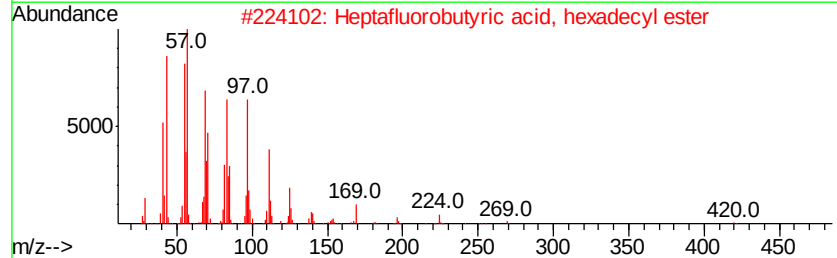
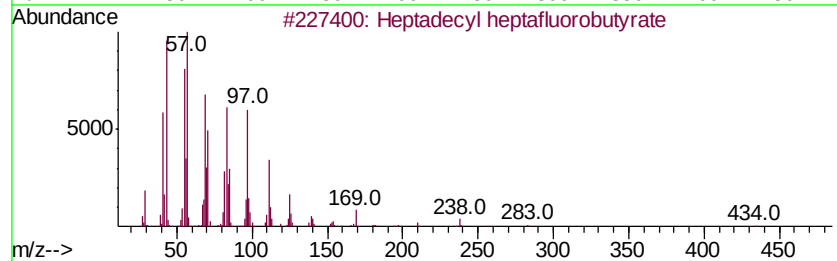
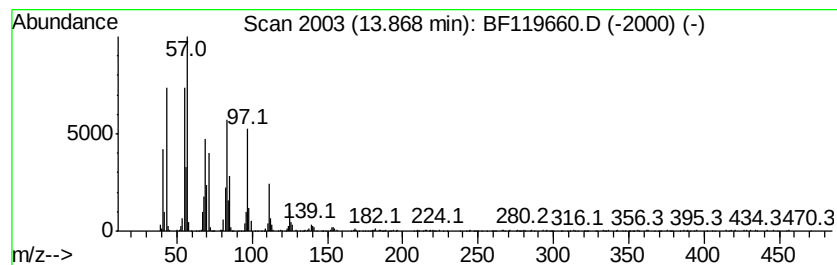
Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.87	15.39 ng	1142500	Chrysene-d12	14.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

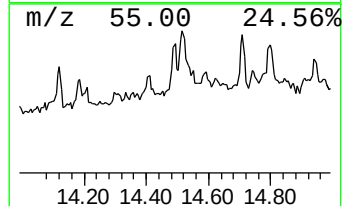
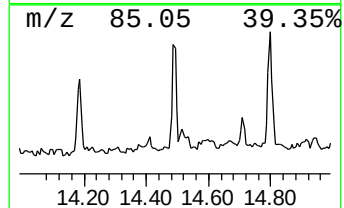
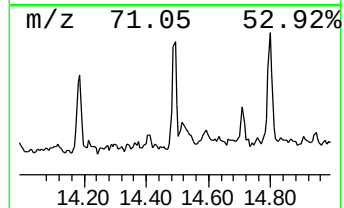
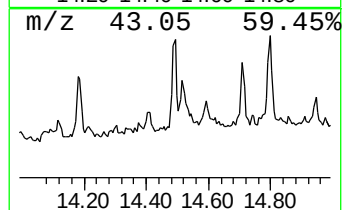
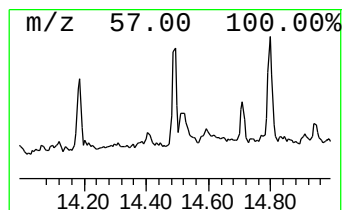
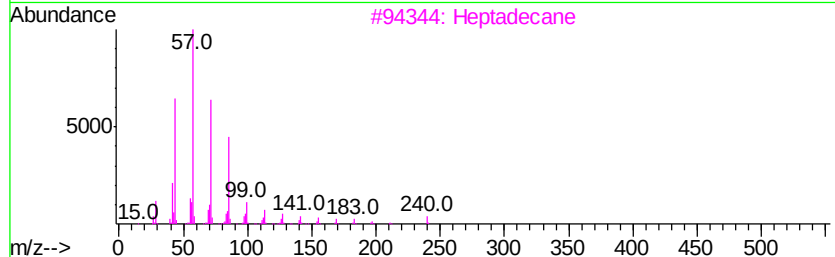
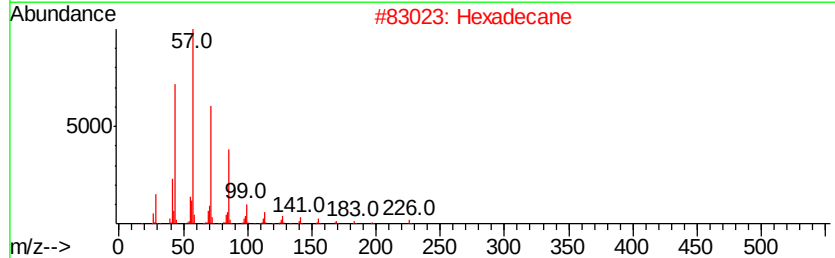
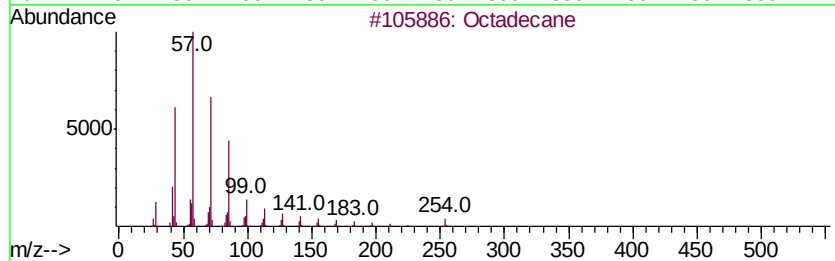
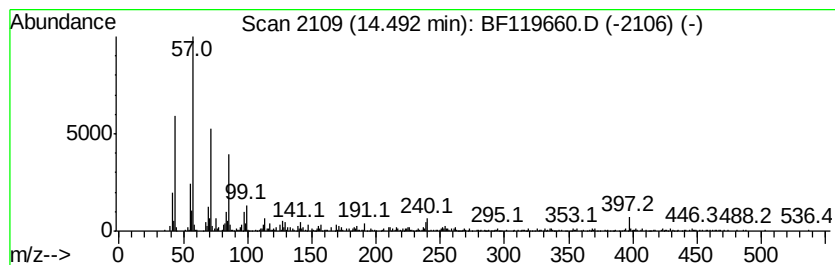
Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.49	4.32 ng	320870	Chrysene-d12		14.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Hexadecane	226	C16H34	000544-76-3	96
3	Heptadecane	240	C17H36	000629-78-7	89
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	89
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119660.D
 Acq On : 31 Mar 2020 19:01
 Operator : MA/SJ
 Sample : L2055-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

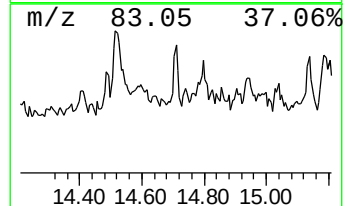
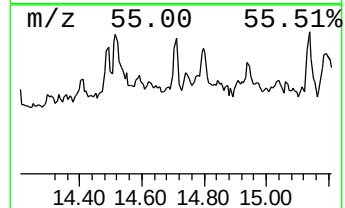
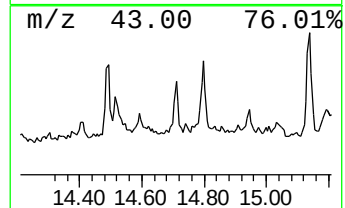
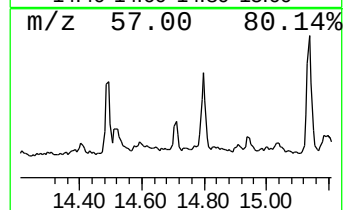
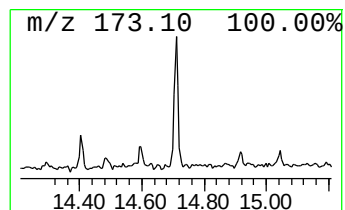
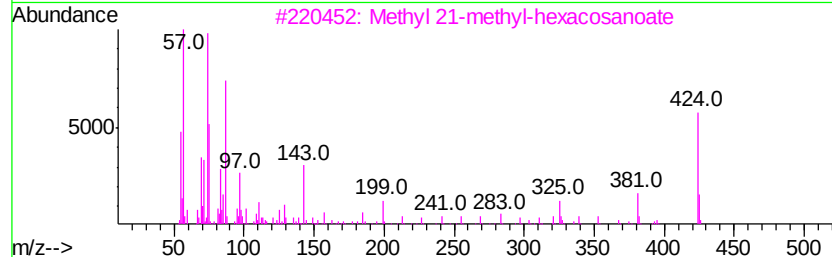
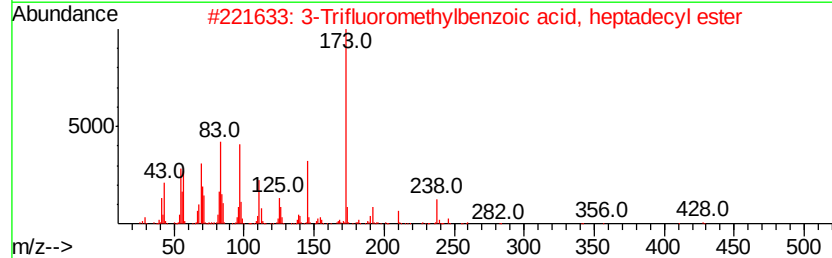
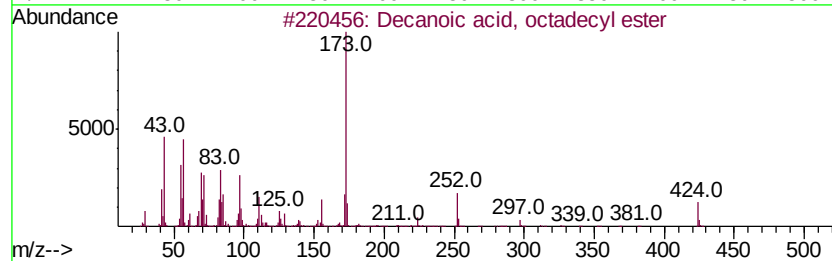
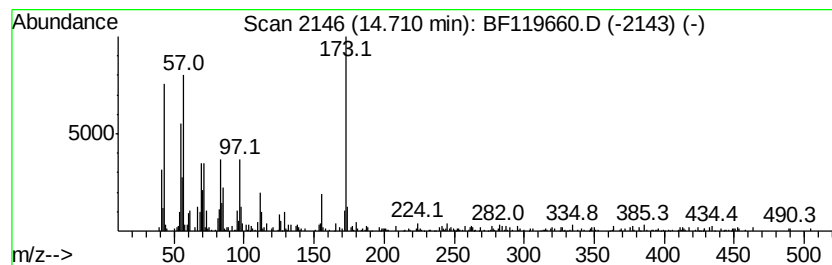
Instrument :
 BNA_F
 ClientSampleId :
 SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Decanoic acid, octadecyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.71	2.64 ng	196002	Chrysene-d12	14.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decanoic acid, octadecyl ester	424	C28H56O2	034689-06-0	83
2		3-Trifluoromethylbenzoic acid, h...	428	C25H39F3O2	1000282-88-1	62
3		Methyl 21-methyl-hexacosanoate	424	C28H56O2	1000336-27-5	56
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	55
5		2-Trifluoromethylbenzoic acid, 2...	400	C23H35F3O2	1000282-03-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

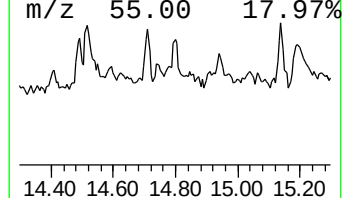
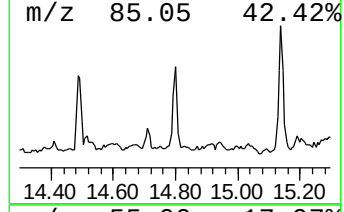
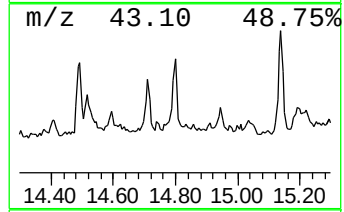
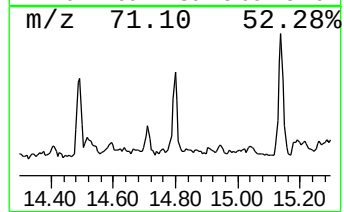
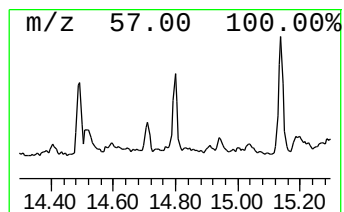
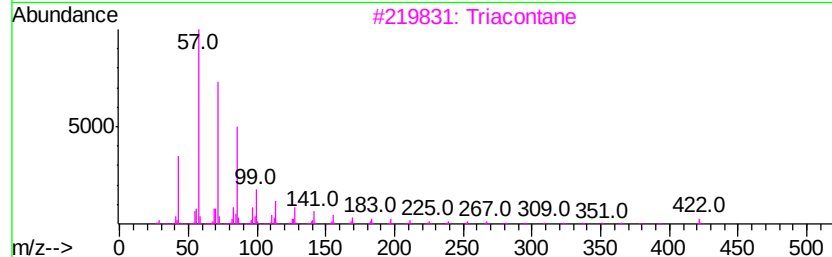
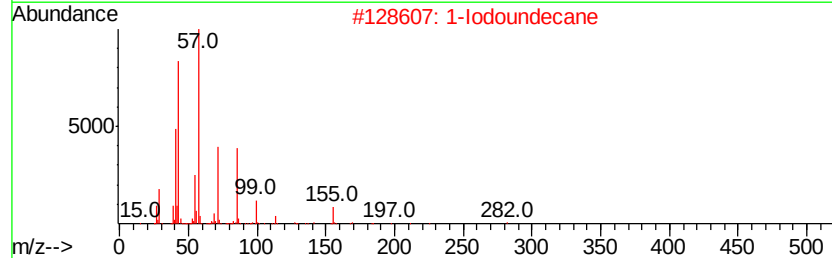
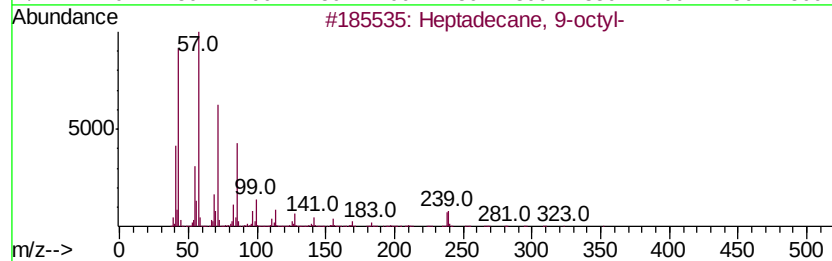
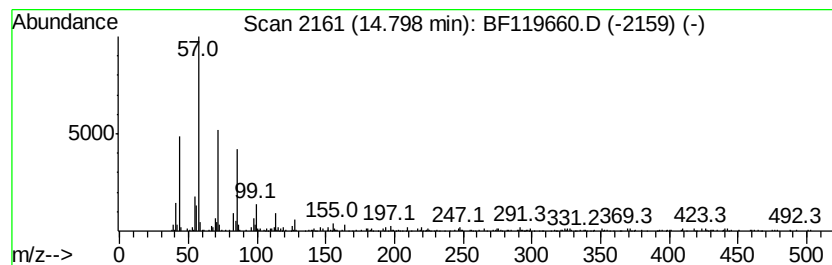
Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.80	4.52 ng	248257	Perylene-d12	15.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	1-Iodoundecane	282	C11H23I	004282-44-4	81
3	Triacontane	422	C30H62	000638-68-6	80
4	Tricosane	324	C23H48	000638-67-5	74
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

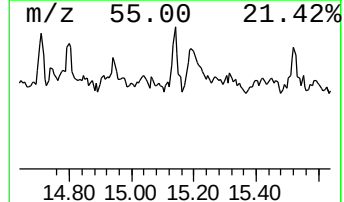
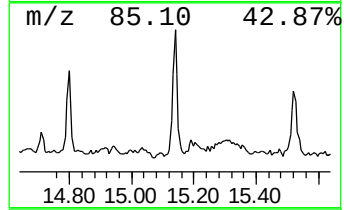
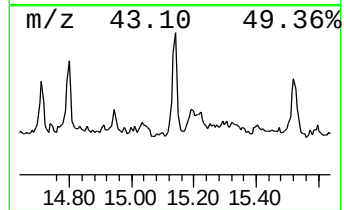
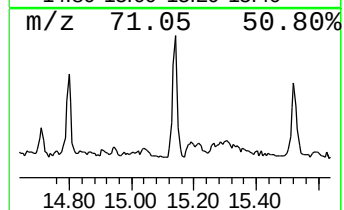
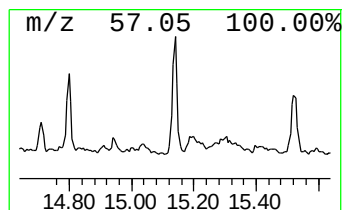
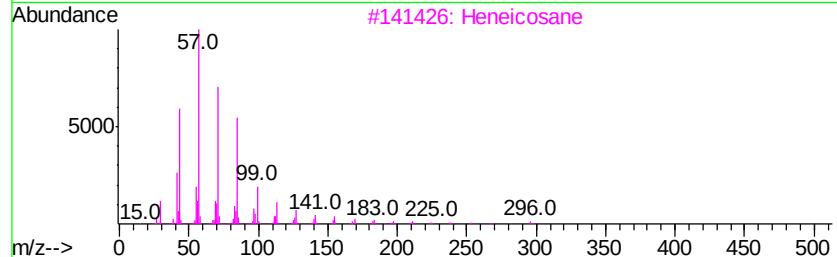
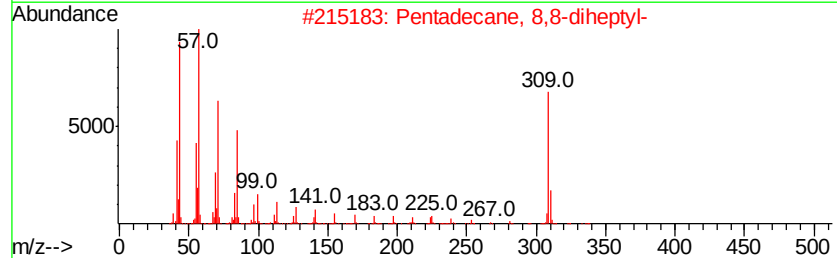
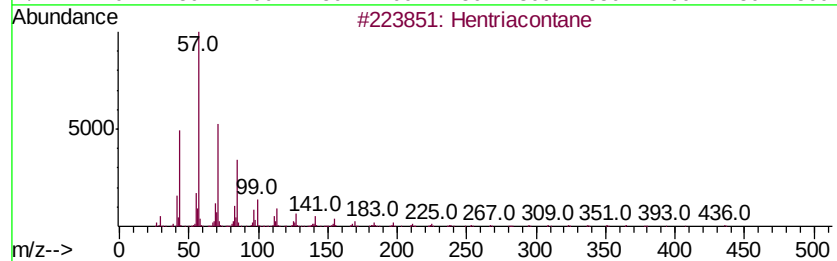
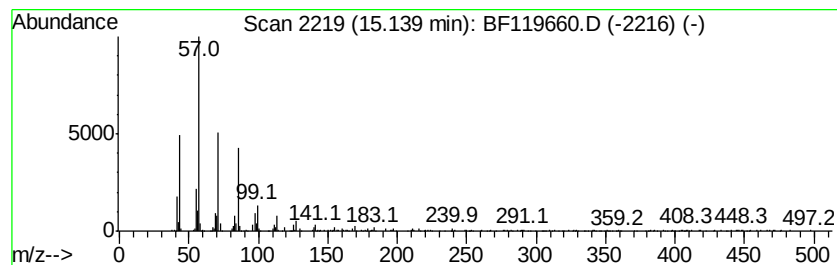
Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.14	6.11 ng	335327	Perylene-d12		15.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	94
2	Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	86
3	Heneicosane	296	C21H44	000629-94-7	81
4	Eicosane	282	C20H42	000112-95-8	81
5	Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

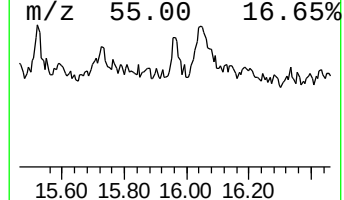
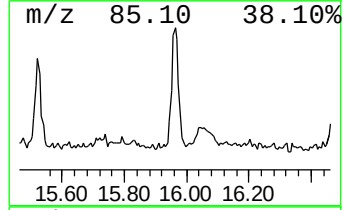
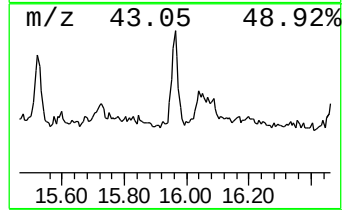
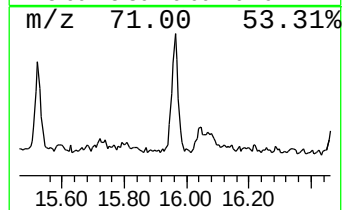
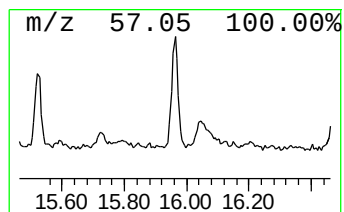
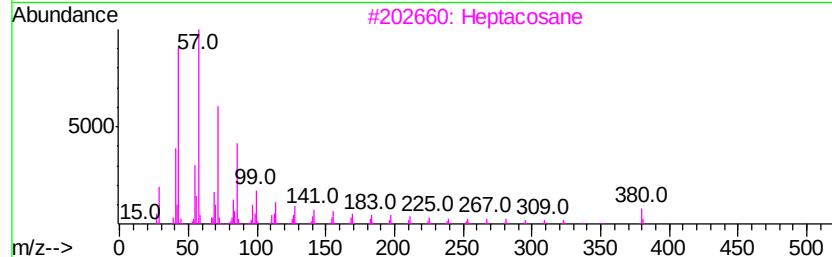
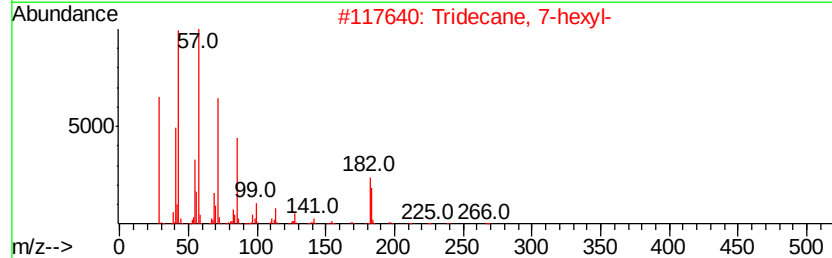
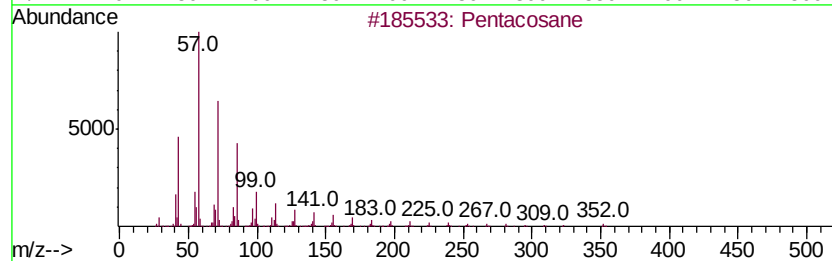
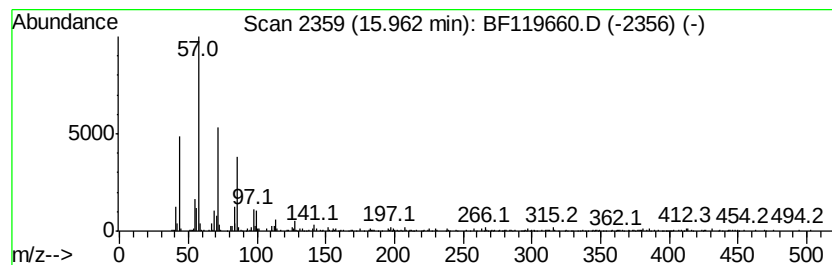
Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	5.30 ng	291062	Perylene-d12	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	93
2	Tridecane, 7-hexyl-	268 C19H40	007225-66-3	91
3	Heptacosane	380 C27H56	000593-49-7	90
4	Tetratetracontane	619 C44H90	007098-22-8	87
5	Hexacosane	366 C26H54	000630-01-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Propane, 1,1-dime...	2.20	2.3	ng	197014	1	6.83	1684530	20.0
2-Pentanone, 4-hy...	5.05	3.1	ng	259975	1	6.83	1684530	20.0
n-Hexadecanoic acid	11.90	9.7	ng	893981	4	11.37	1842010	20.0
Octadecanoic acid	12.69	3.6	ng	330572	4	11.37	1842010	20.0
Heptadecyl hepta...	13.87	15.4	ng	1142500	5	14.01	1484960	20.0
Octadecane	14.49	4.3	ng	320870	5	14.01	1484960	20.0
Decanoic acid, oc...	14.71	2.6	ng	196002	5	14.01	1484960	20.0
Heptadecane, 9-oc...	14.80	4.5	ng	248257	6	15.48	1097380	20.0
Hentriacontane	15.14	6.1	ng	335327	6	15.48	1097380	20.0
Pentacosane	15.96	5.3	ng	291062	6	15.48	1097380	20.0