

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072020\
 Data File : BF120937.D
 Acq On : 20 Jul 2020 17:11
 Operator : JU/CG
 Sample : L3328-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-7

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-BF071620.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	5.016	495	498	504	rVB	97777	104457	1.99%	0.300%
2	5.428	563	568	571	rBV	1959349	1906662	36.27%	5.476%
3	6.040	669	672	680	rBV	59272	68844	1.31%	0.198%
4	6.440	736	740	747	rBV	1395622	1235940	23.51%	3.549%
5	6.645	771	775	788	rVB	372517	358520	6.82%	1.030%
6	6.816	800	804	807	rBV	1177725	1078325	20.51%	3.097%
7	7.381	894	900	902	rBV	2446427	2734366	52.01%	7.853%
8	8.098	1017	1022	1025	rBV	1655228	1428681	27.18%	4.103%
9	9.175	1199	1205	1208	rBV	4558532	4562364	86.78%	13.102%
10	9.292	1219	1225	1229	rBV2	72781	74036	1.41%	0.213%
11	9.569	1264	1272	1275	rBV	1422567	1223038	23.26%	3.512%
12	9.669	1284	1289	1299	rBV2	45979	71302	1.36%	0.205%
13	9.851	1315	1320	1330	rBV	1944755	1705198	32.44%	4.897%
14	10.269	1387	1391	1397	rVB2	65552	79138	1.51%	0.227%
15	10.639	1447	1454	1457	rBV	2960829	3146517	59.85%	9.036%
16	10.757	1469	1474	1481	rVB2	63974	77897	1.48%	0.224%
17	11.204	1547	1550	1554	rBV2	123456	119673	2.28%	0.344%
18	11.333	1567	1572	1576	rBV	2061998	1773521	33.74%	5.093%
19	11.633	1620	1623	1629	rVB	104197	90504	1.72%	0.260%
20	11.733	1636	1640	1644	rVB	57458	60787	1.16%	0.175%
21	11.869	1658	1663	1671	rBV2	1013212	1222827	23.26%	3.512%
22	12.039	1689	1692	1695	rBV	85008	65439	1.24%	0.188%
23	12.427	1755	1758	1763	rBV	69854	65884	1.25%	0.189%
24	12.657	1793	1797	1810	rBV	709810	797495	15.17%	2.290%
25	12.927	1837	1843	1846	rBV	4555461	5257194	100.00%	15.098%
26	13.151	1877	1881	1884	rBV2	64910	86719	1.65%	0.249%
27	13.498	1937	1940	1945	rVB	67919	63223	1.20%	0.182%
28	13.827	1992	1996	2004	rBV	879010	984203	18.72%	2.826%
29	13.968	2016	2020	2024	rBV	1665851	1605073	30.53%	4.609%
30	14.145	2047	2050	2057	rVB	120551	140245	2.67%	0.403%
31	14.445	2098	2101	2103	rBV	158856	140148	2.67%	0.402%
32	14.751	2150	2153	2160	rVB	213904	195334	3.72%	0.561%
33	15.080	2206	2209	2214	rVB	182704	202926	3.86%	0.583%
34	15.421	2262	2267	2270	rBV	1036120	1282204	24.39%	3.682%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.457	2270	2273	2281	rVB	185662	233900	4.45%	0.672%
36	15.886	2341	2346	2351	rVB	116737	174299	3.32%	0.501%
37	15.951	2353	2357	2363	rVV	104533	177956	3.38%	0.511%
38	16.380	2426	2430	2433	rBV	52327	78138	1.49%	0.224%
39	17.051	2540	2544	2550	rBV9	25460	64625	1.23%	0.186%
40	17.439	2604	2610	2621	rVB9	30690	83424	1.59%	0.240%

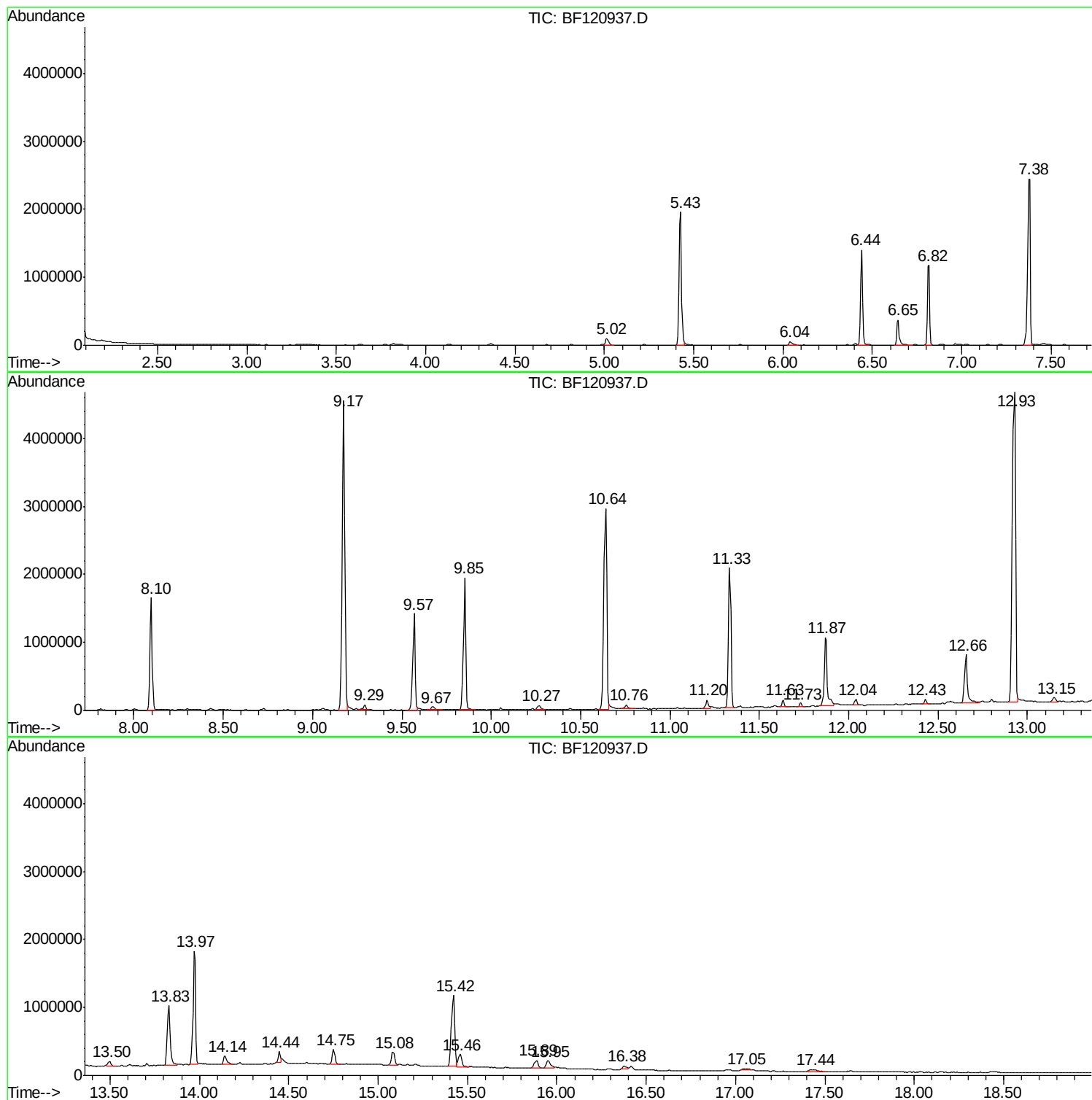
Sum of corrected areas: 34821026

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.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\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

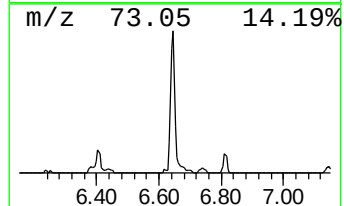
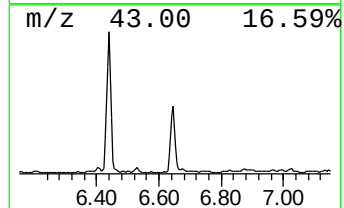
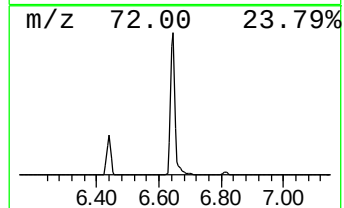
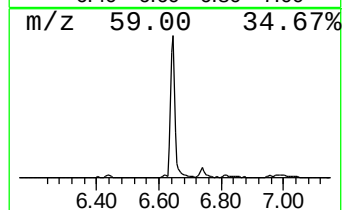
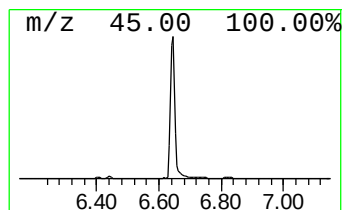
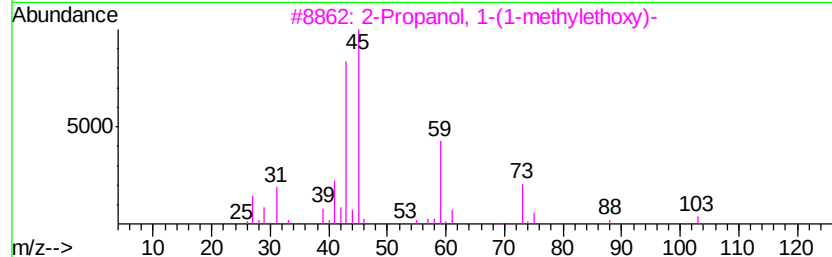
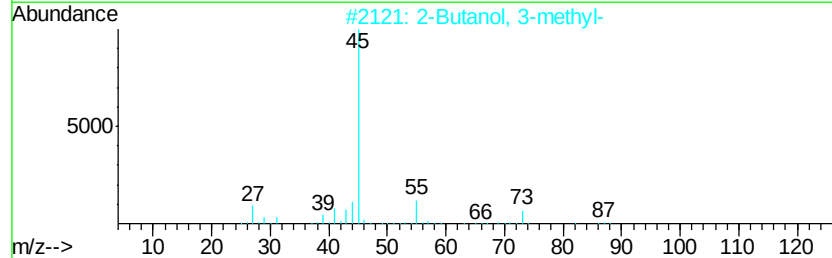
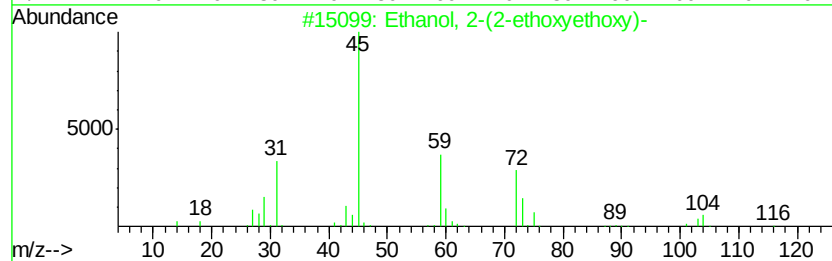
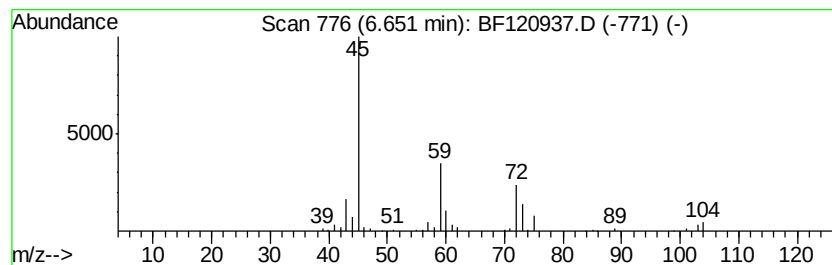
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	6.65 ng	358520	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2			2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	47
3			2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4			Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38
5			.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

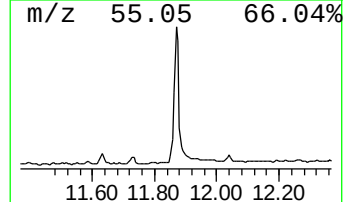
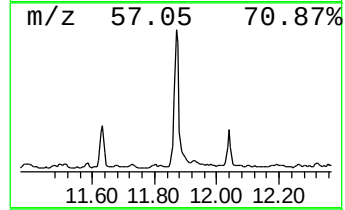
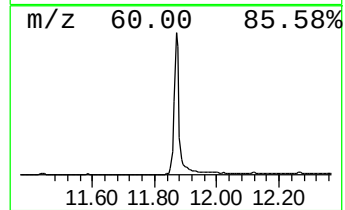
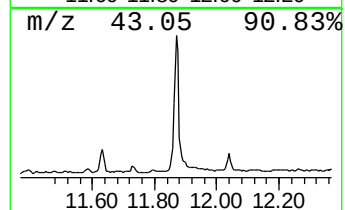
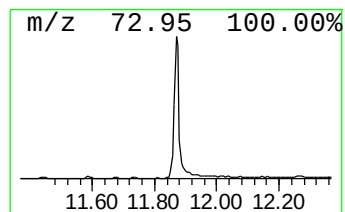
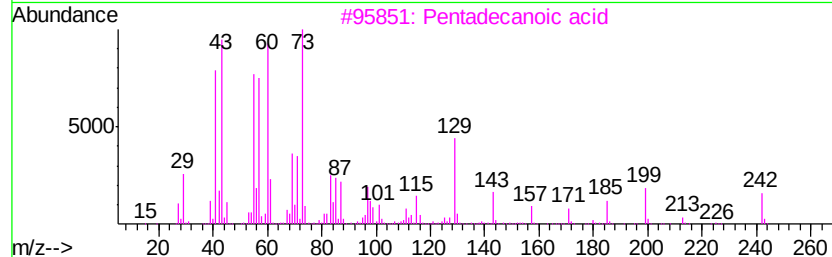
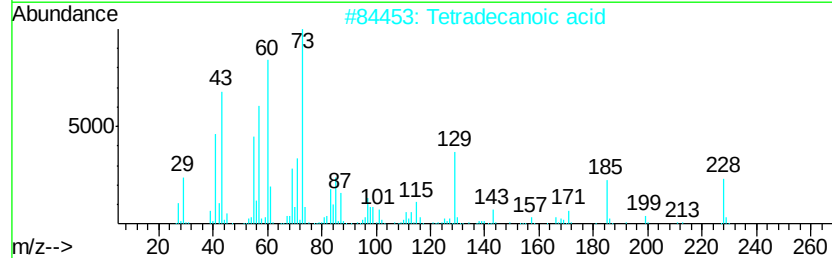
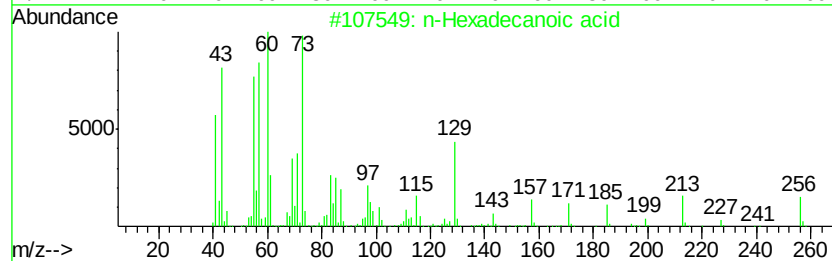
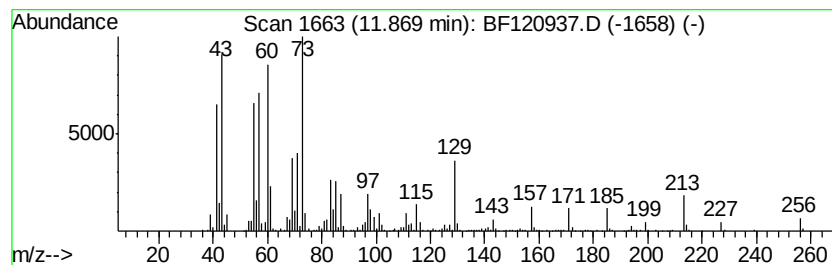
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	13.79 ng	1222830	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

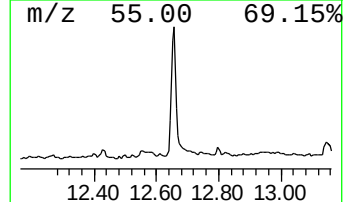
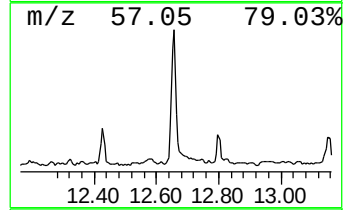
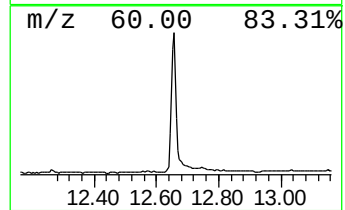
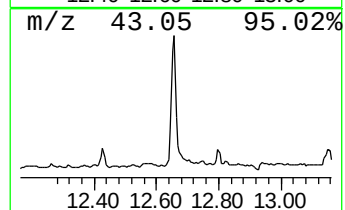
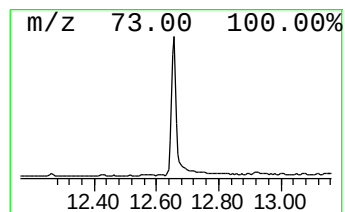
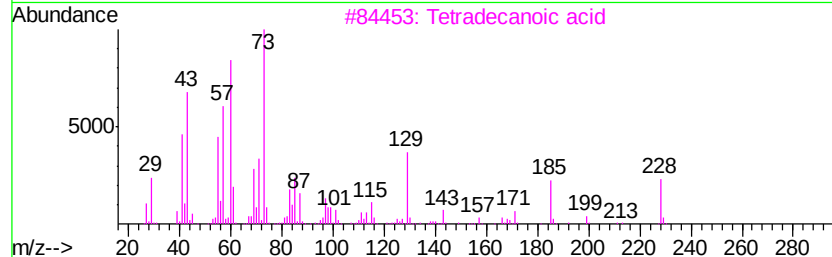
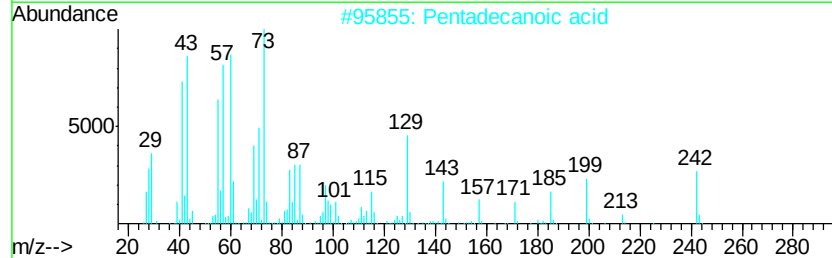
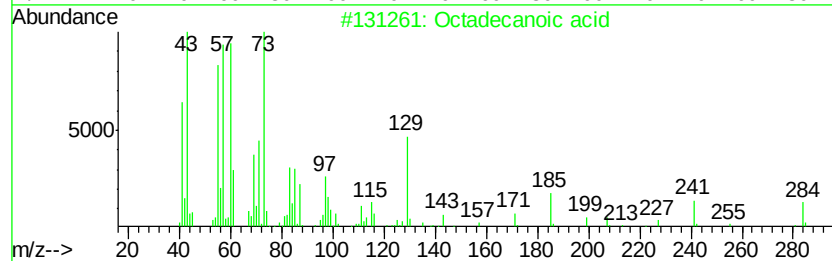
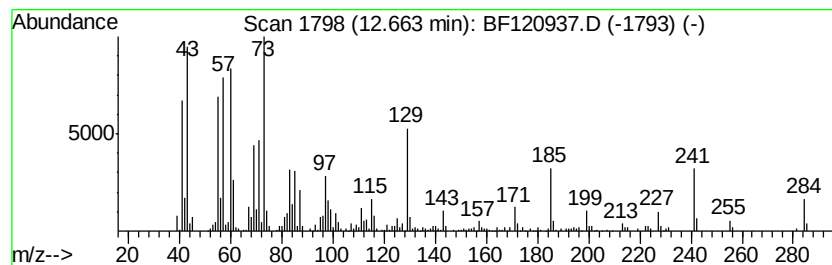
Instrument :
BNA_F
ClientSampleId :
ERM-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.66	9.94 ng	797495	Chrysene-d12	13.97	
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

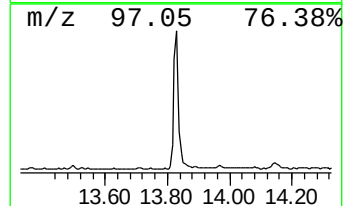
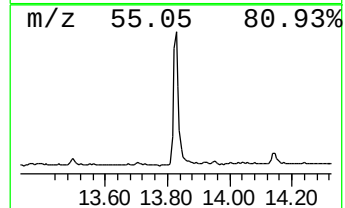
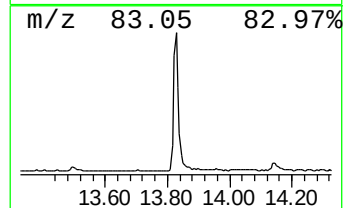
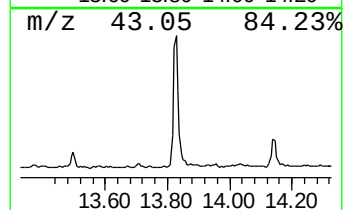
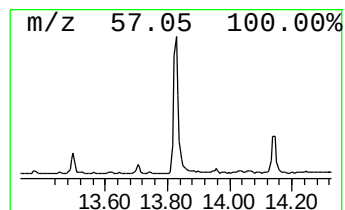
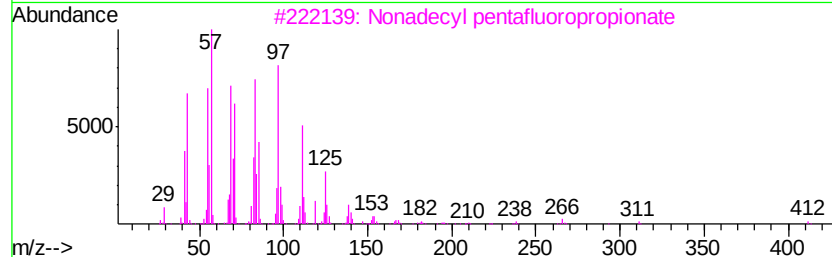
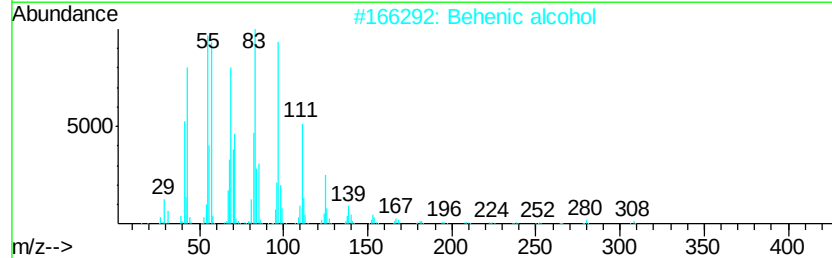
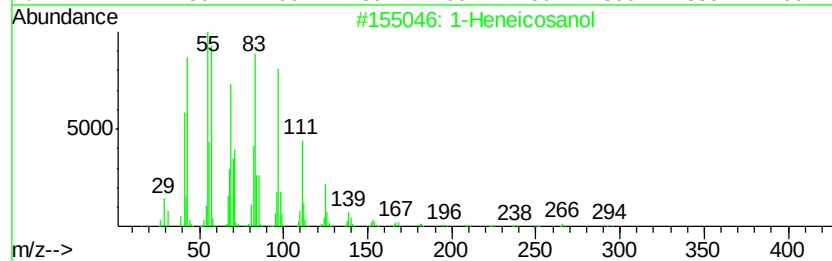
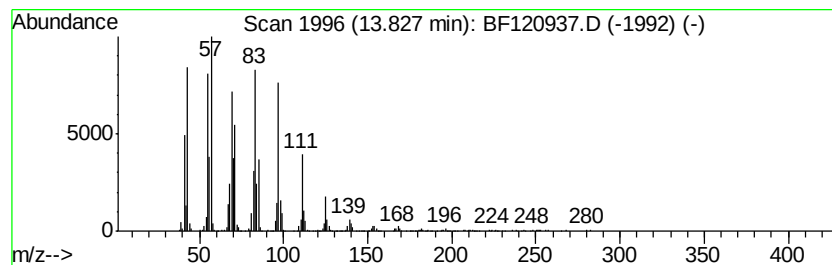
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	12.26 ng	984203	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	93
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5		1-Docosene	308	C22H44	001599-67-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

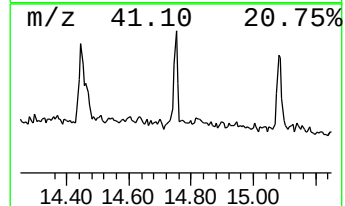
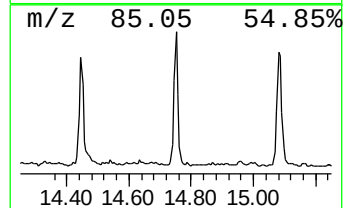
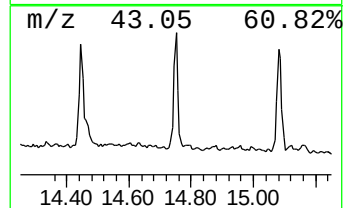
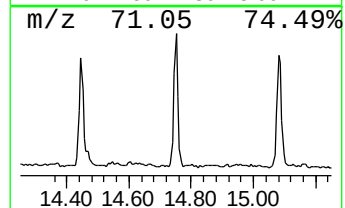
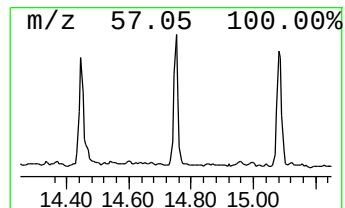
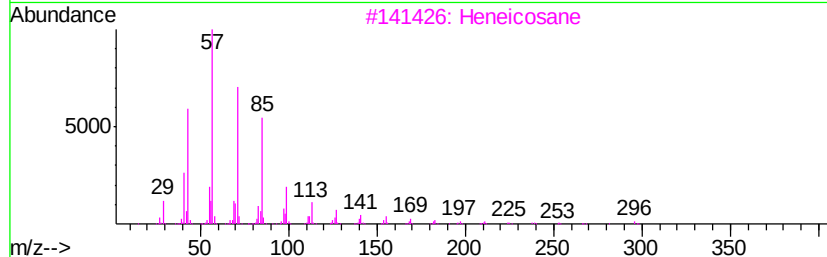
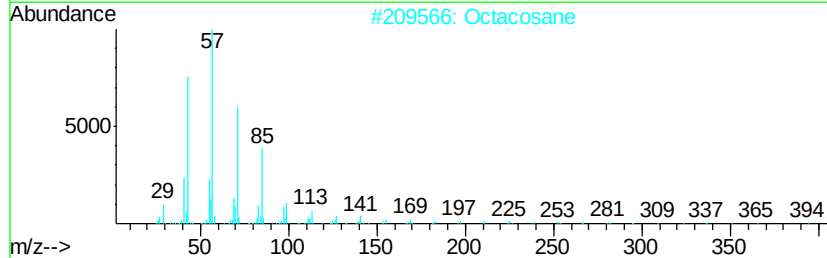
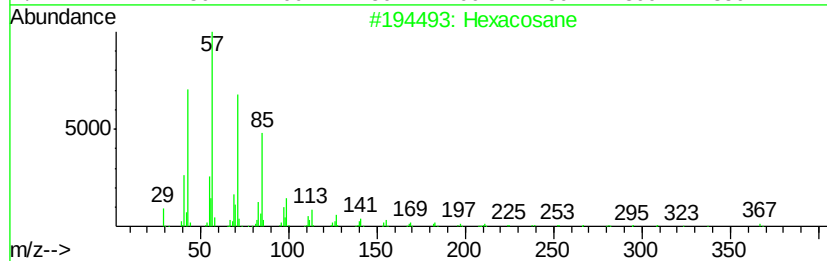
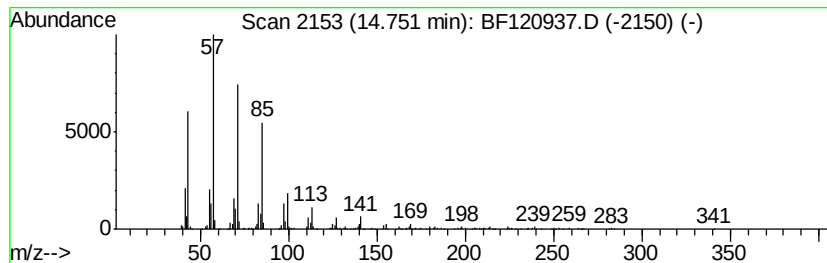
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	3.05 ng	195334	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

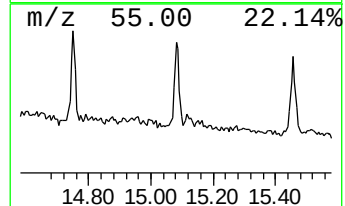
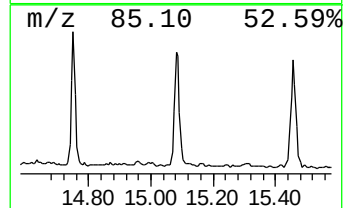
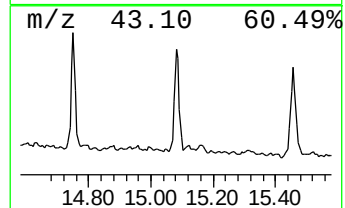
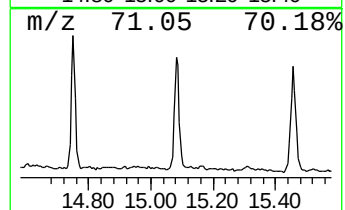
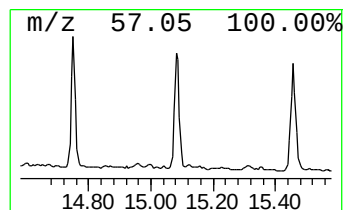
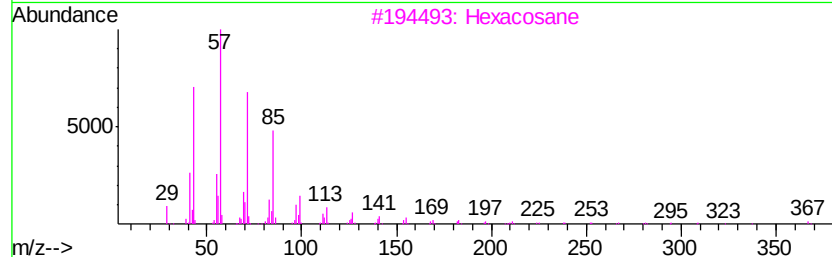
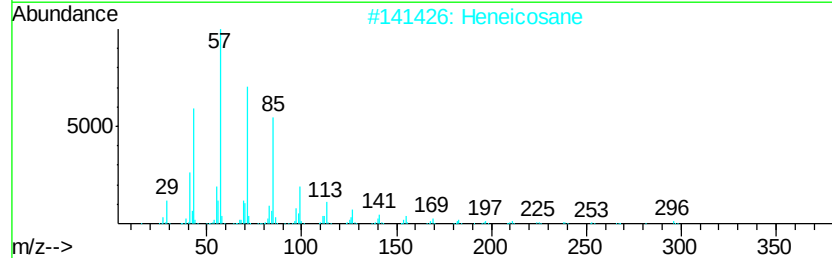
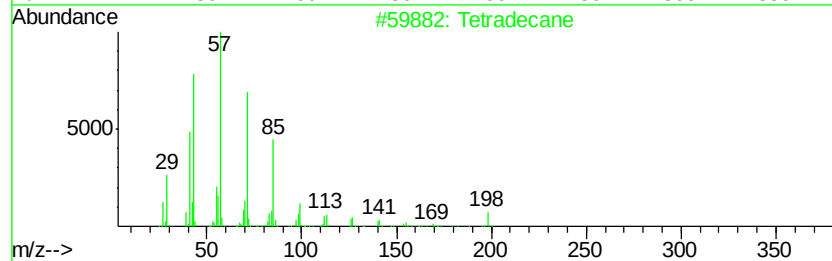
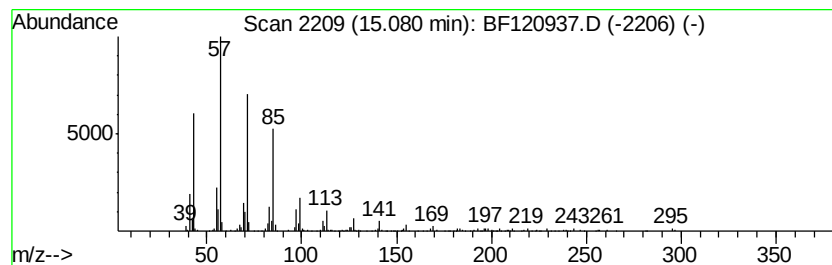
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.17 ng	202926	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

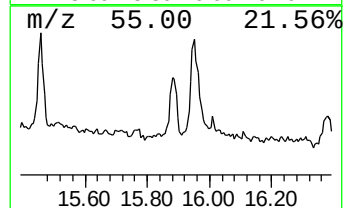
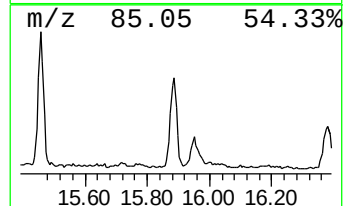
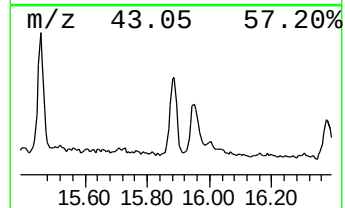
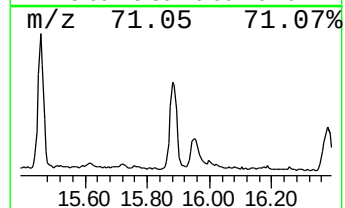
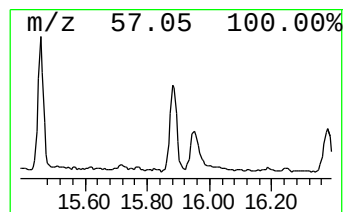
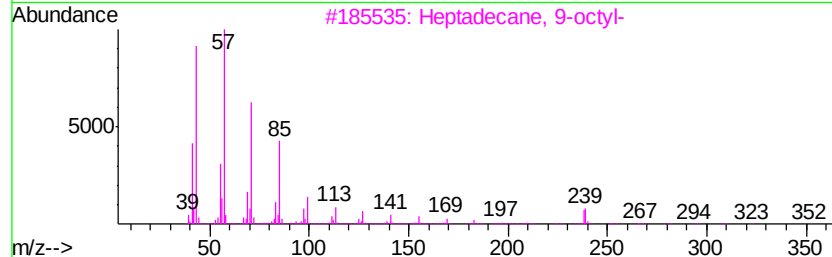
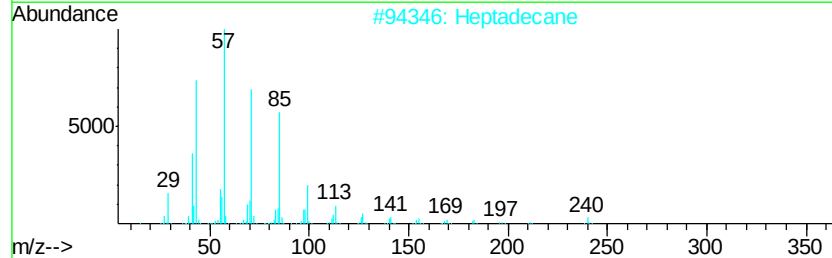
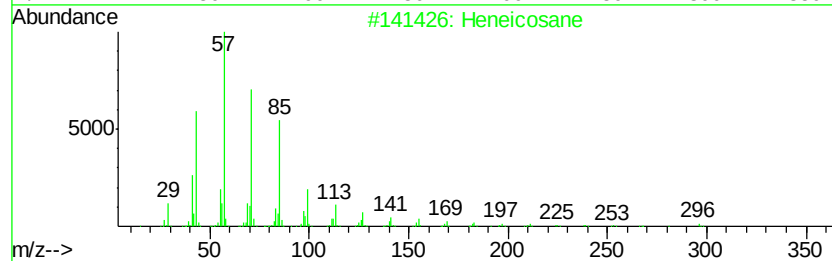
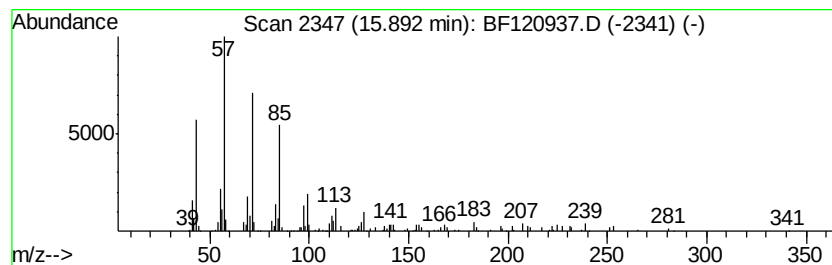
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.72 ng	174299	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Heptadecane		240	C17H36	000629-78-7	87
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	86
4	Tetracosane		338	C24H50	000646-31-1	83
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

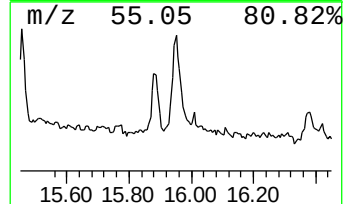
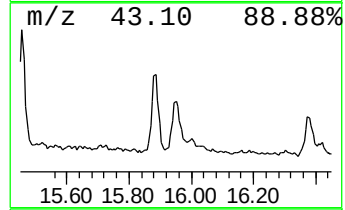
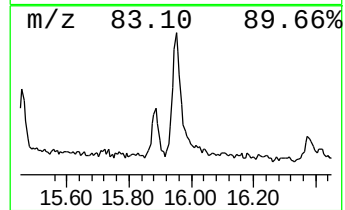
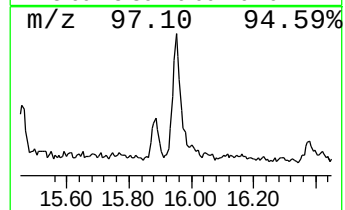
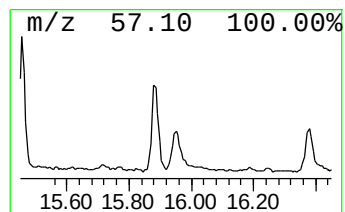
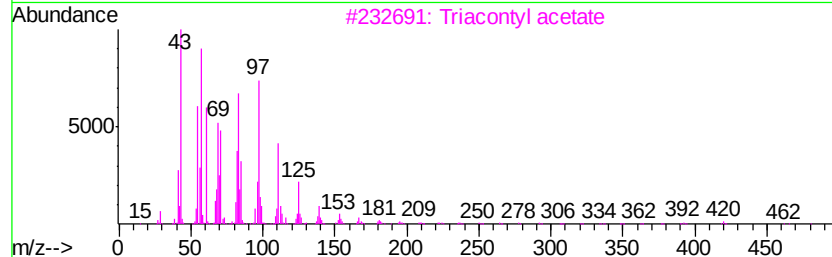
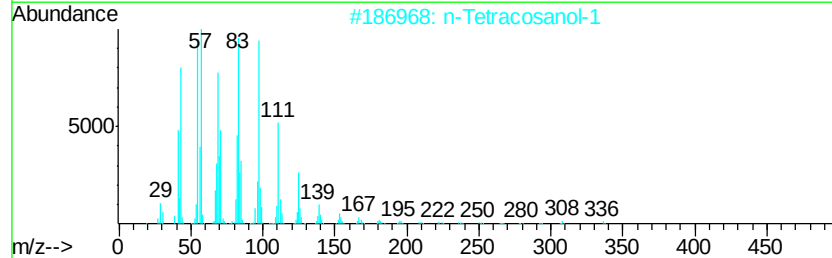
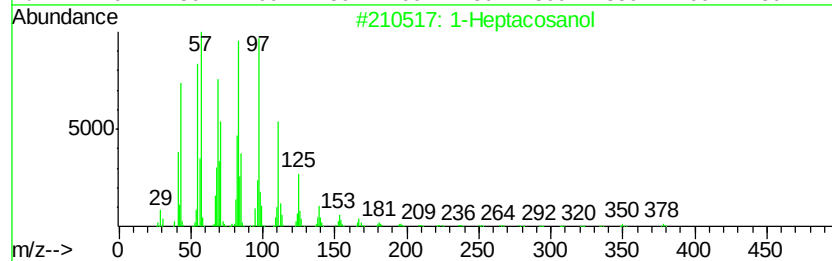
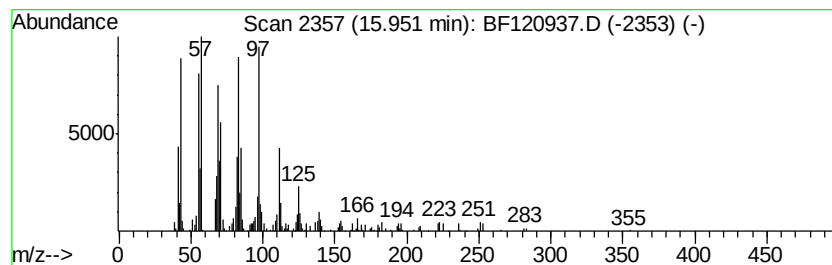
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.78 ng	177956	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	93
3	Triacetyl acetate		480	C32H64O2	041755-58-2	90
4	Behenic alcohol		326	C22H46O	000661-19-8	90
5	1-Heneicosanol		312	C21H44O	015594-90-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Ethanol, 2-(2-eth...	6.65	6.7	ng	358520	1	6.82	1078330	20.0
n-Hexadecanoic acid	11.87	13.8	ng	1222830	4	11.33	1773520	20.0
Octadecanoic acid	12.66	9.9	ng	797495	5	13.97	1605070	20.0
1-Heneicosanol	13.83	12.3	ng	984203	5	13.97	1605070	20.0
Hexacosane	14.75	3.0	ng	195334	6	15.42	1282200	20.0
Tetradecane	15.08	3.2	ng	202926	6	15.42	1282200	20.0
Heneicosane	15.89	2.7	ng	174299	6	15.42	1282200	20.0
1-Heptacosanol	15.95	2.8	ng	177956	6	15.42	1282200	20.0