

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118671.D
 Acq On : 22 Jan 2020 19:13
 Operator : CG/JU
 Sample : L1216-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

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-BF012020.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	2.169	8	14	22	rVB	1256591	1759271	26.10%	2.846%
2	5.098	503	512	519	rBV2	84614	120597	1.79%	0.195%
3	5.498	575	580	583	rBV	5769856	5506841	81.68%	8.909%
4	6.498	745	750	755	rBV	5143220	5851267	86.79%	9.466%
5	6.880	811	815	818	rBV	2079285	1893214	28.08%	3.063%
6	7.033	837	841	845	rBV	5166322	4813097	71.39%	7.787%
7	7.433	904	909	912	rBV	4035645	3789006	56.20%	6.130%
8	8.157	1028	1032	1036	rBV	2581203	2485439	36.87%	4.021%
9	9.233	1210	1215	1219	rBV	7357450	6741793	100.00%	10.907%
10	9.627	1278	1282	1285	rBV	1280680	1154663	17.13%	1.868%
11	9.916	1327	1331	1335	rBV	3678800	3031426	44.96%	4.904%
12	10.698	1460	1464	1468	rBV	4707800	4670613	69.28%	7.556%
13	11.398	1579	1583	1586	rBV	3501294	3048606	45.22%	4.932%
14	11.421	1586	1587	1590	rVV	208004	127653	1.89%	0.207%
15	11.468	1590	1595	1599	rVB4	50370	77053	1.14%	0.125%
16	11.621	1617	1621	1628	rBV2	60219	76366	1.13%	0.124%
17	11.921	1669	1672	1684	rVB3	498119	545110	8.09%	0.882%
18	12.610	1785	1789	1795	rBV	331912	310530	4.61%	0.502%
19	12.710	1803	1806	1809	rBV2	122716	134547	2.00%	0.218%
20	12.839	1820	1828	1831	rBV	254895	289774	4.30%	0.469%
21	12.980	1848	1852	1856	rBV	6113022	5800554	86.04%	9.384%
22	13.462	1926	1934	1937	rBV3	146818	195371	2.90%	0.316%
23	13.874	2001	2004	2012	rBV	494990	593341	8.80%	0.960%
24	14.033	2025	2031	2034	rBV	2456017	2415623	35.83%	3.908%
25	14.204	2057	2060	2064	rVB	140267	136934	2.03%	0.222%
26	14.509	2108	2112	2116	rBV	324677	321461	4.77%	0.520%
27	14.815	2160	2164	2170	rBV	364224	407618	6.05%	0.659%
28	14.898	2174	2178	2182	rBV3	59189	73547	1.09%	0.119%
29	15.074	2204	2208	2211	rBV	144494	216570	3.21%	0.350%
30	15.156	2218	2222	2233	rBV	502901	692180	10.27%	1.120%
31	15.380	2256	2260	2265	rBV	86430	119362	1.77%	0.193%
32	15.439	2267	2270	2275	rVV	115567	135726	2.01%	0.220%
33	15.503	2276	2281	2285	rVV	1841557	2417217	35.85%	3.911%
34	15.545	2285	2288	2298	rVB2	354048	511944	7.59%	0.828%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.986	2358	2363	2368	rBV	314996	481780	7.15%	0.779%
36	16.033	2369	2371	2386	rVB	59113	141559	2.10%	0.229%
37	16.498	2445	2450	2461	rVB2	136232	265426	3.94%	0.429%
38	16.974	2527	2531	2537	rVB2	55529	102040	1.51%	0.165%
39	17.103	2549	2553	2560	rVB2	53208	93031	1.38%	0.151%
40	17.415	2603	2606	2613	rVB	49253	99277	1.47%	0.161%
41	17.597	2633	2637	2650	rVB10	65760	164237	2.44%	0.266%

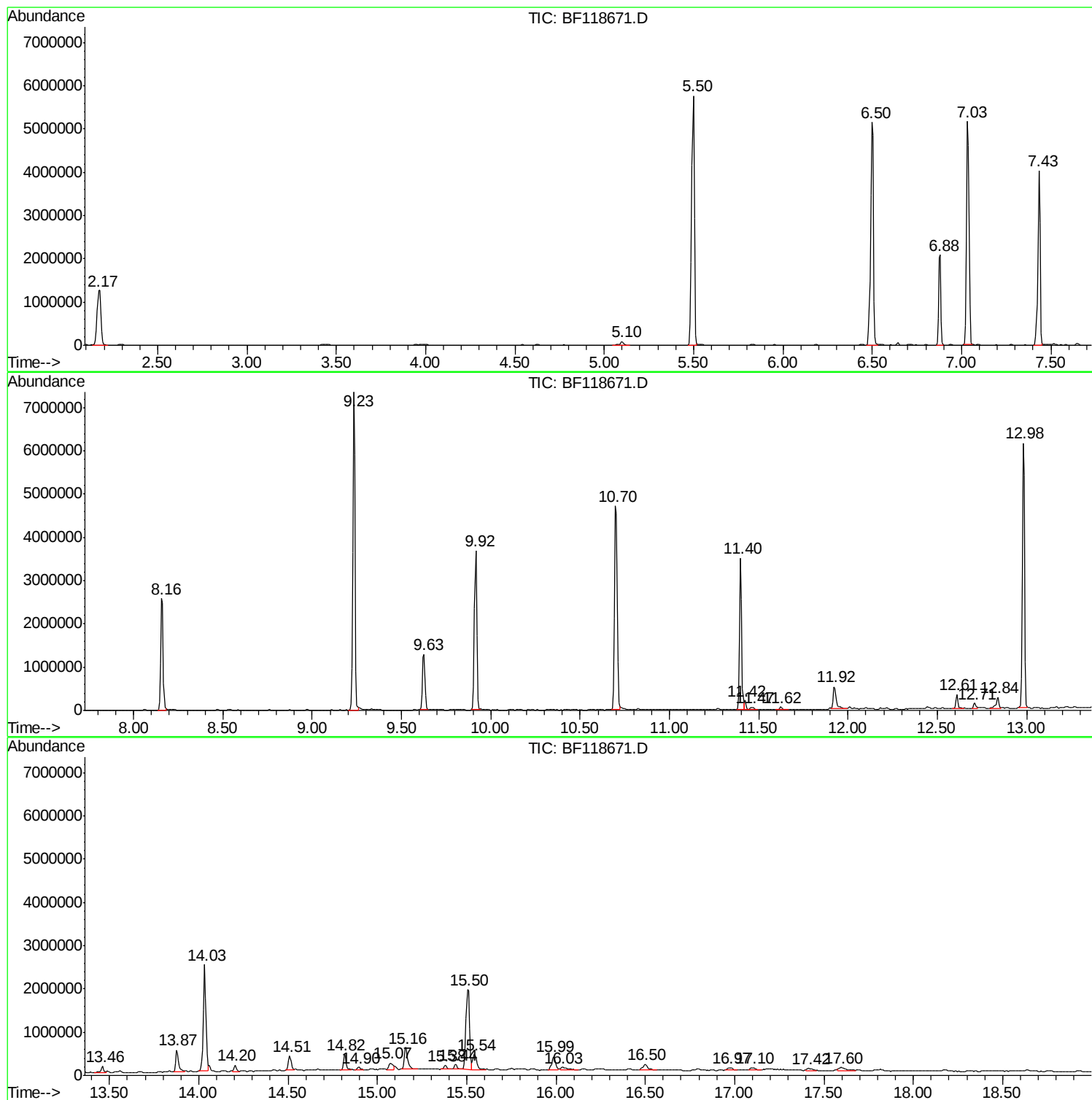
Sum of corrected areas: 61811664

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.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\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

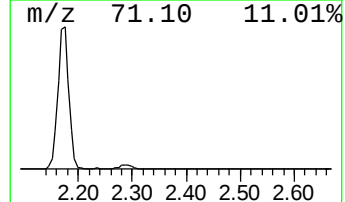
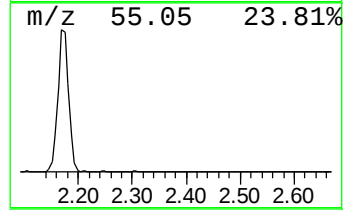
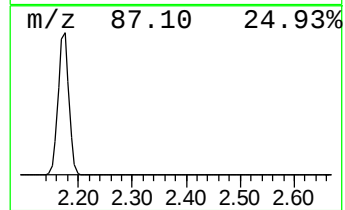
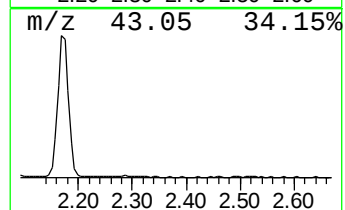
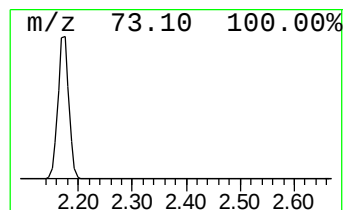
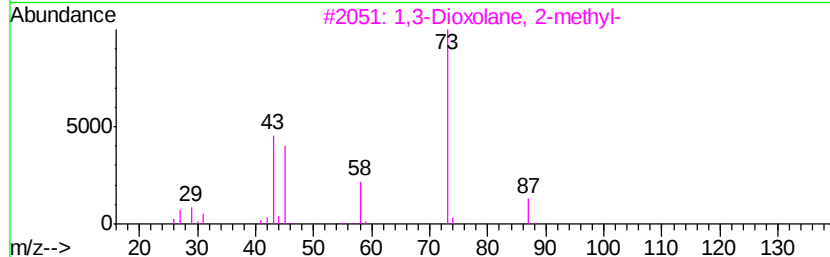
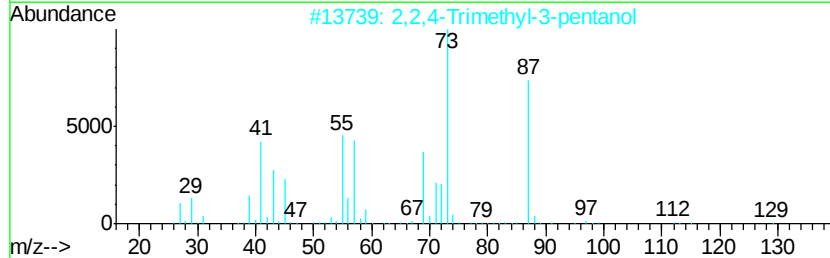
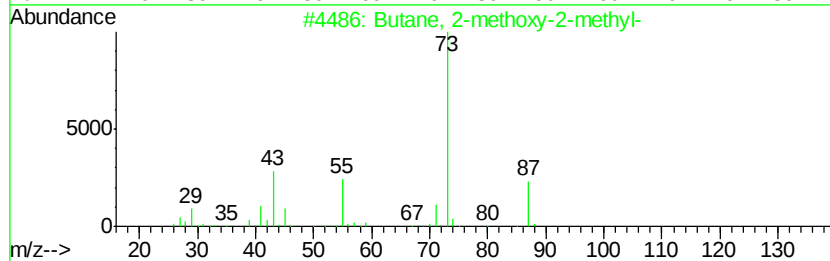
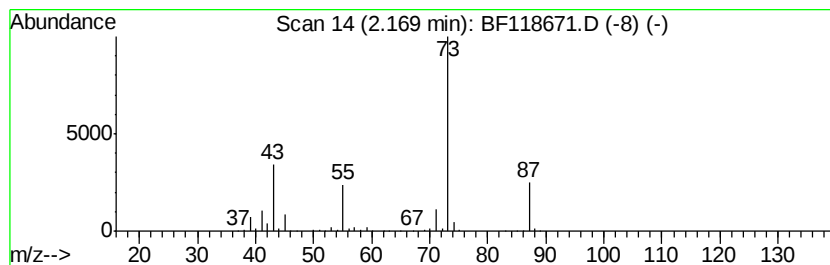
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	18.59 ng	1759270	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

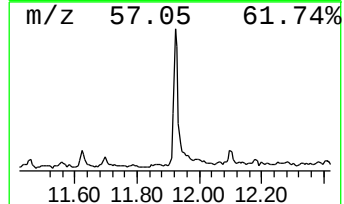
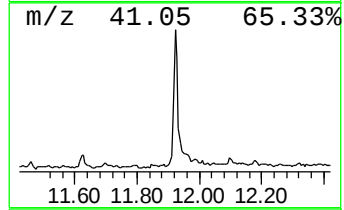
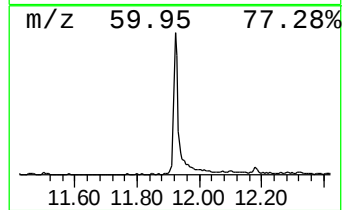
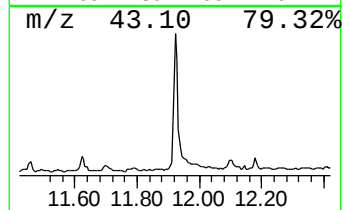
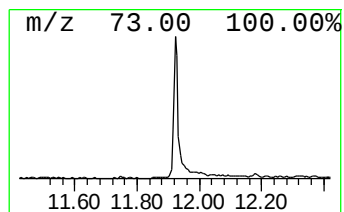
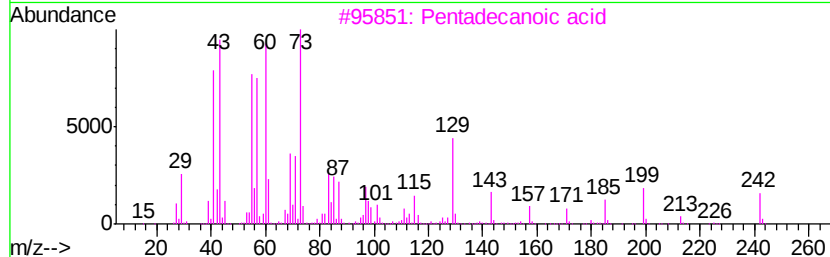
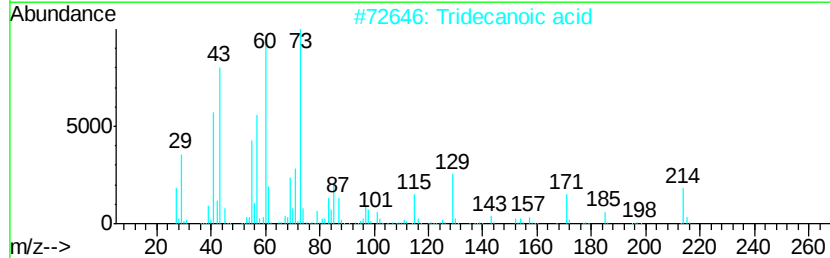
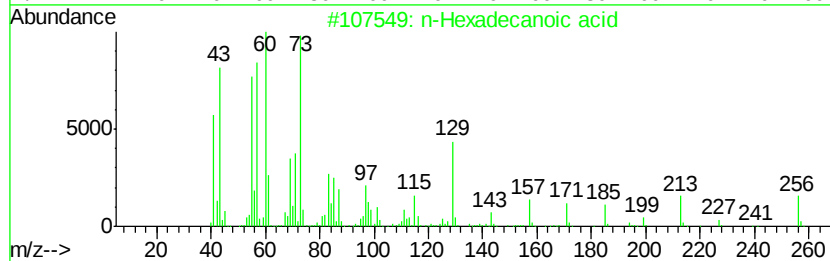
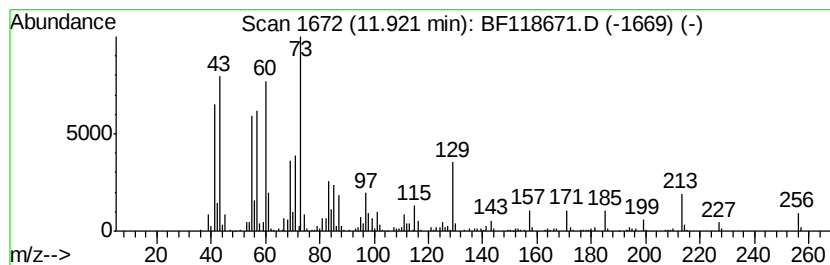
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.58 ng	545110	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

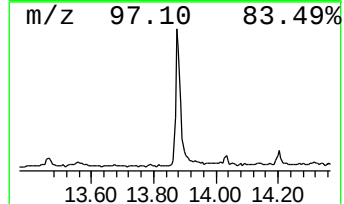
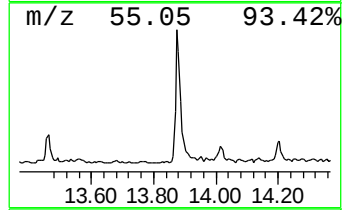
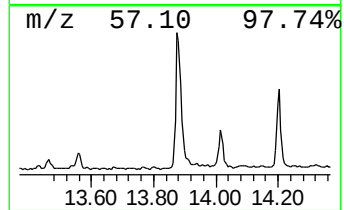
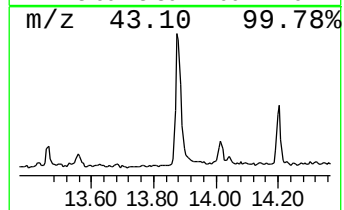
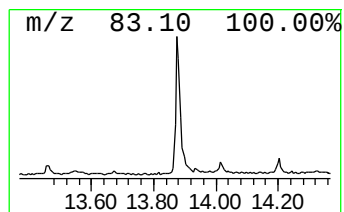
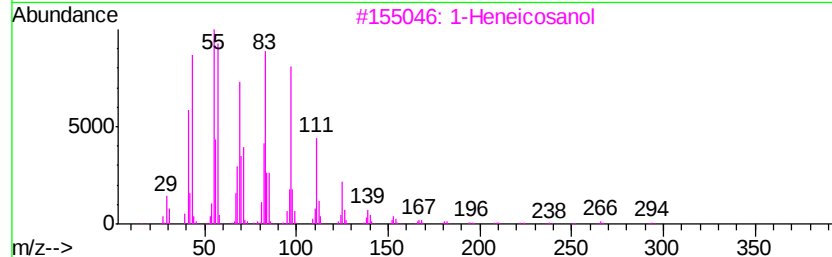
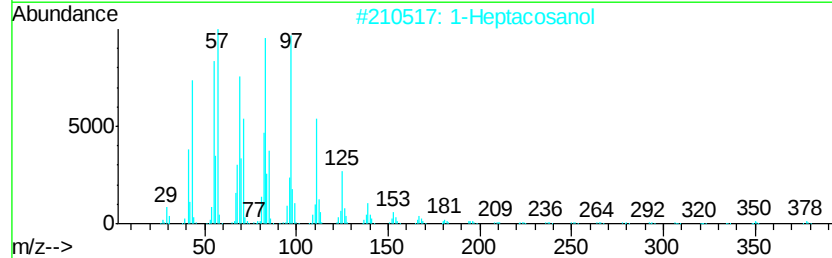
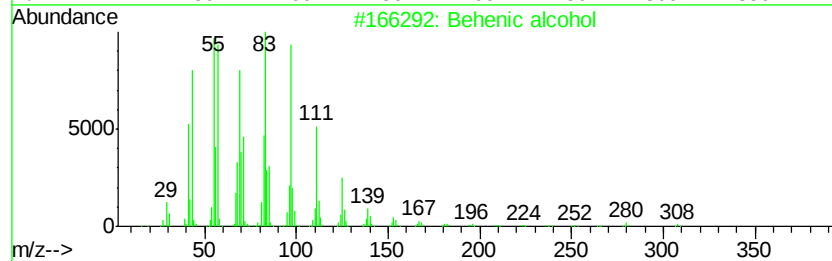
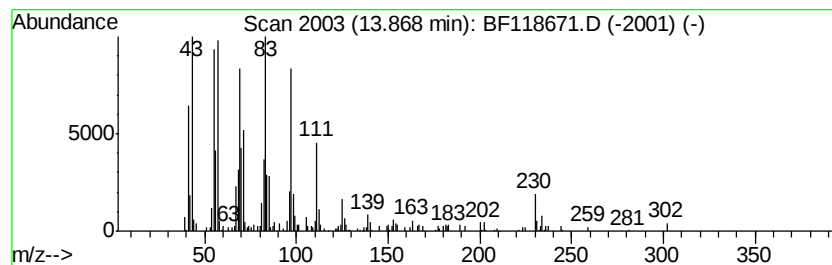
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.91 ng	593341	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118671.D
 Acq On : 22 Jan 2020 19:13
 Operator : CG/JU
 Sample : L1216-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

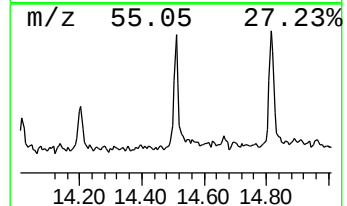
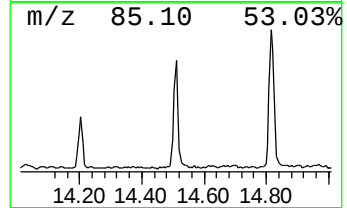
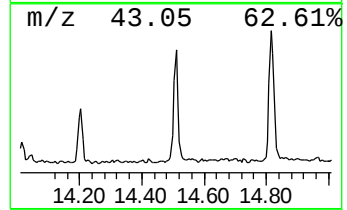
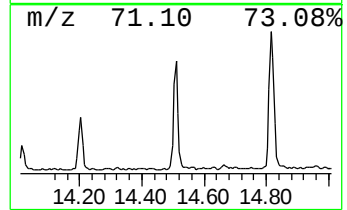
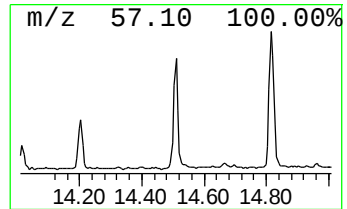
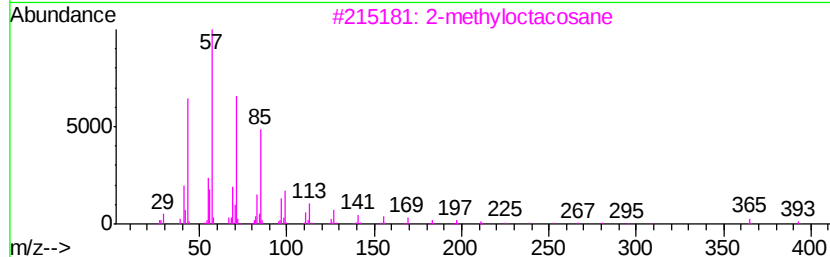
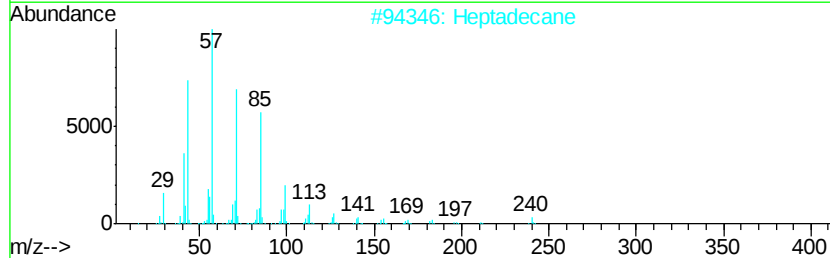
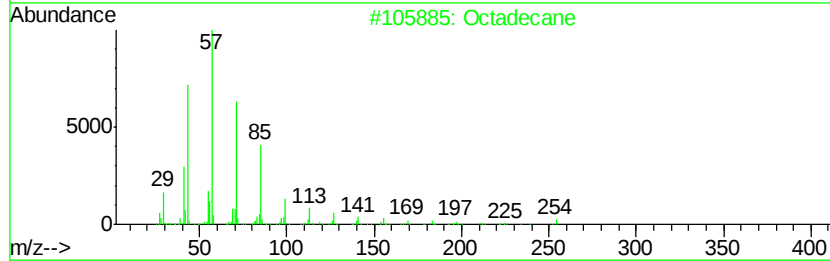
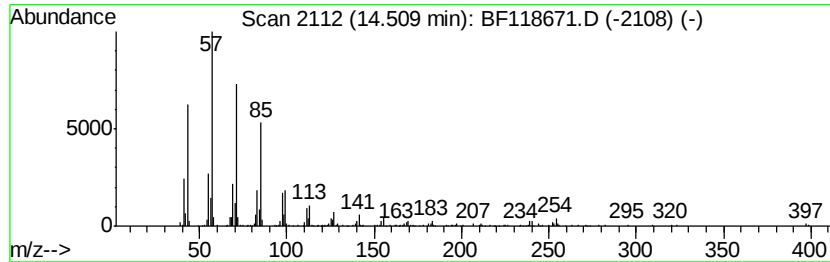
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.66 ng	321461	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	98
2	Heptadecane		240	C17H36	000629-78-7	97
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	E-15-Heptadecenal		252	C17H32O	1000130-97-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

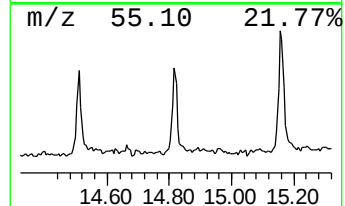
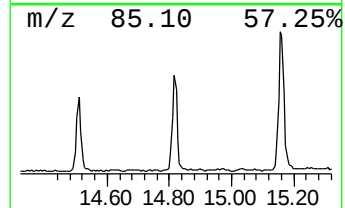
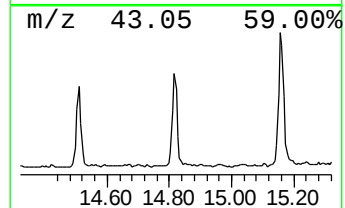
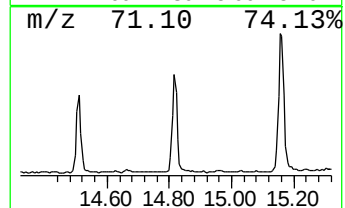
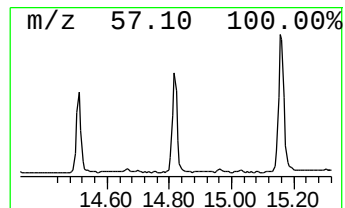
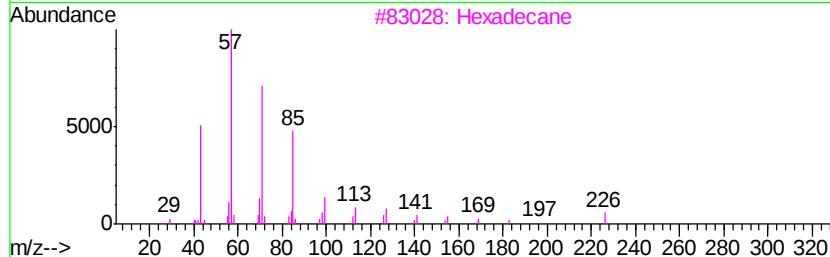
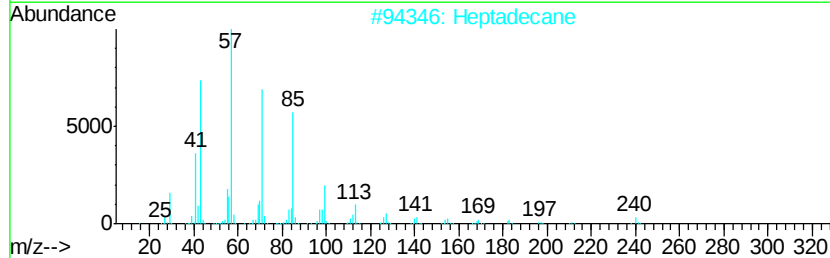
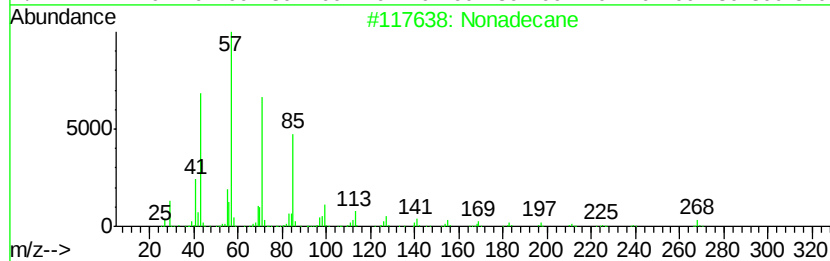
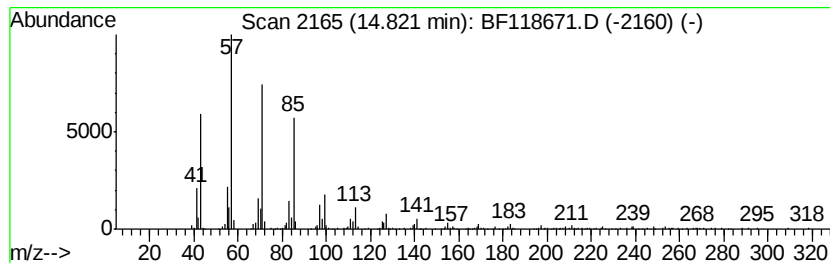
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.37 ng	407618	Perylene-d12	15.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	95
2	Heptadecane		240	C17H36	000629-78-7	94
3	Hexadecane		226	C16H34	000544-76-3	93
4	Hexadecane, 5-butyl-		282	C20H42	006912-07-8	93
5	Eicosane		282	C20H42	000112-95-8	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

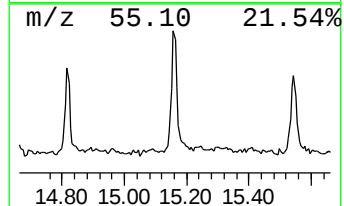
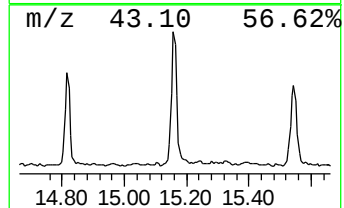
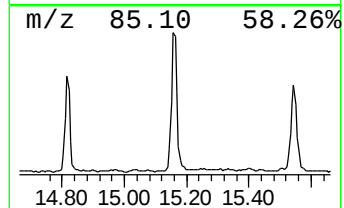
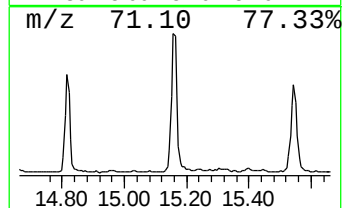
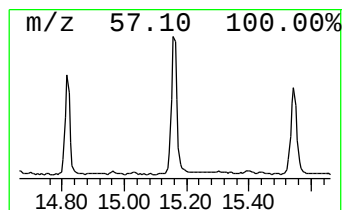
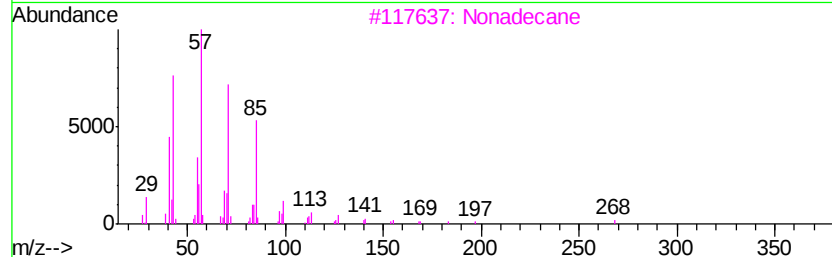
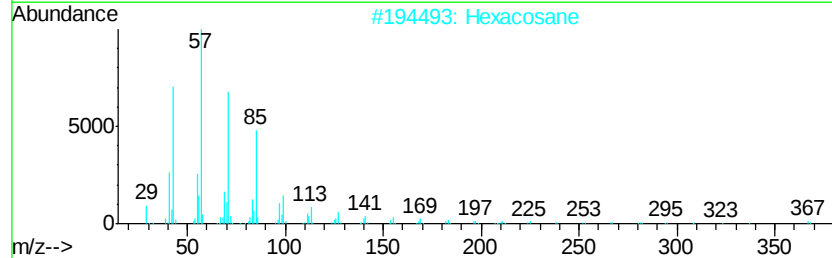
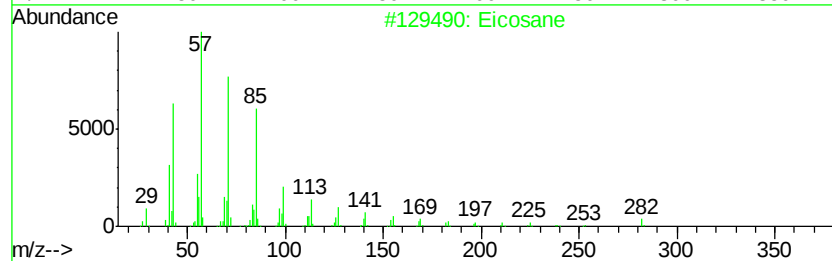
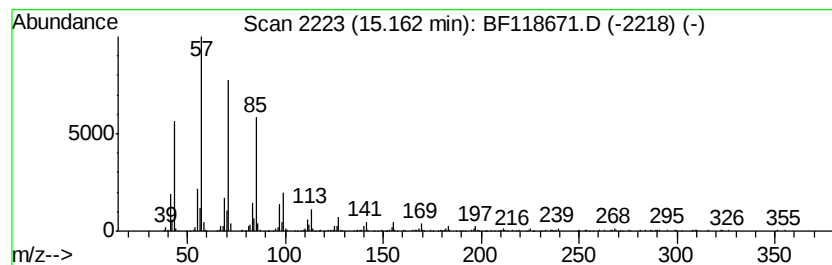
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.73 ng	692180	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Hexacosane	366	C26H54	000630-01-3	93
3		Nonadecane	268	C19H40	000629-92-5	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

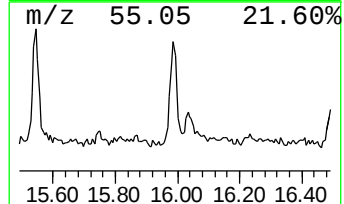
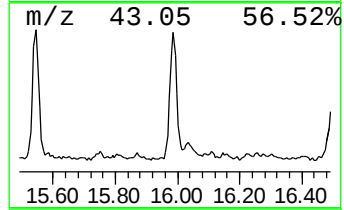
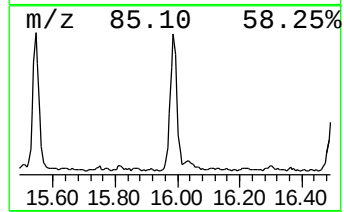
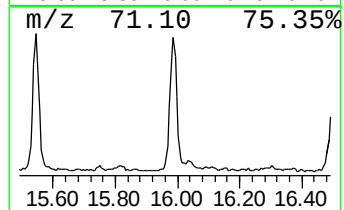
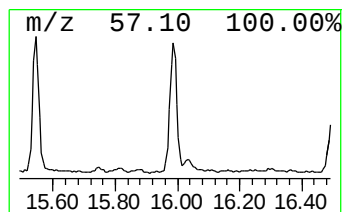
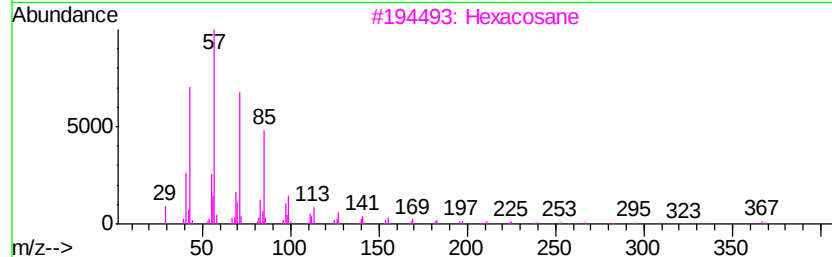
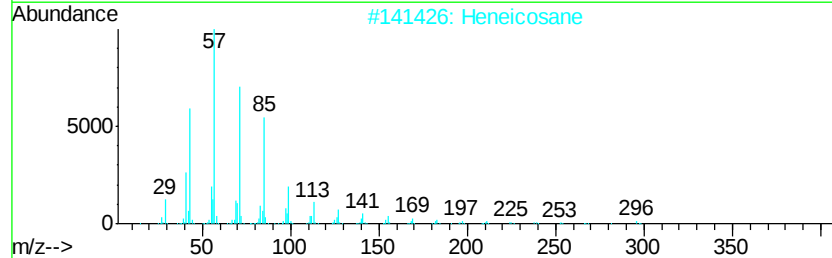
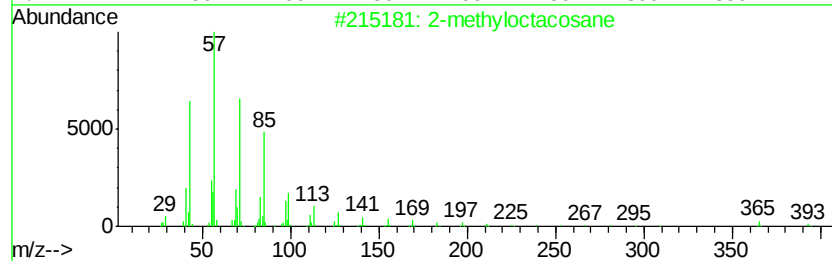
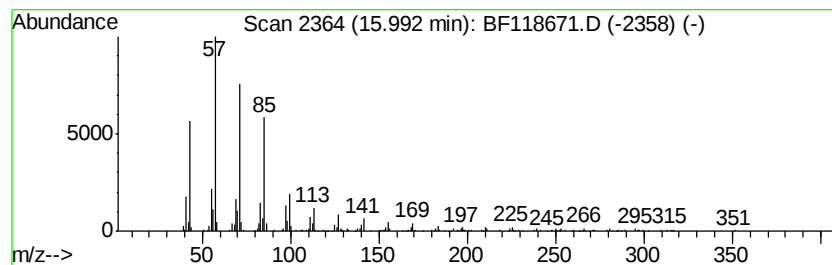
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	3.99 ng	481780	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

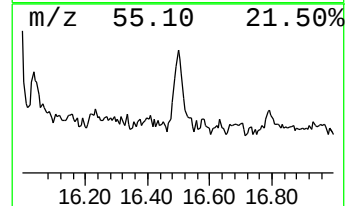
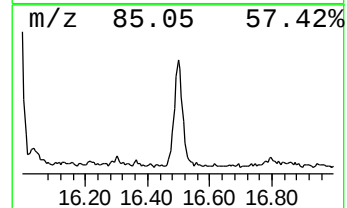
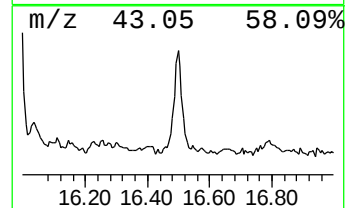
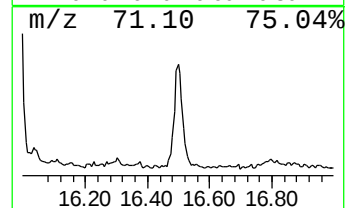
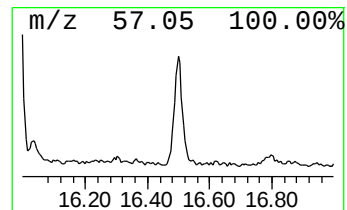
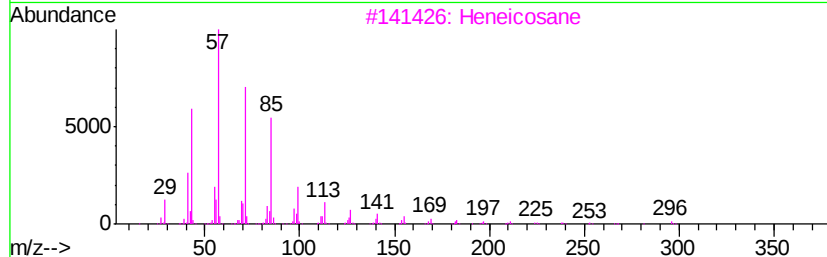
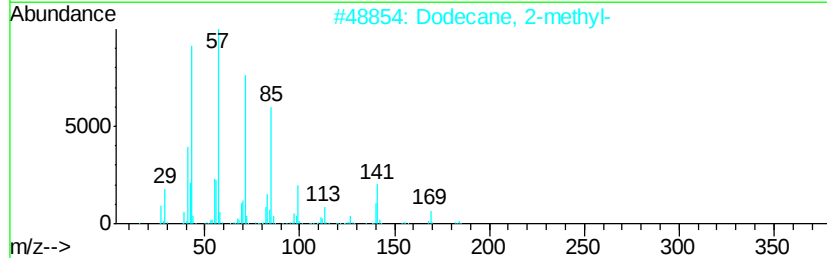
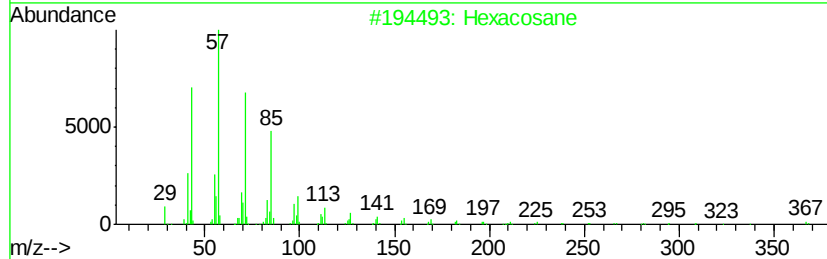
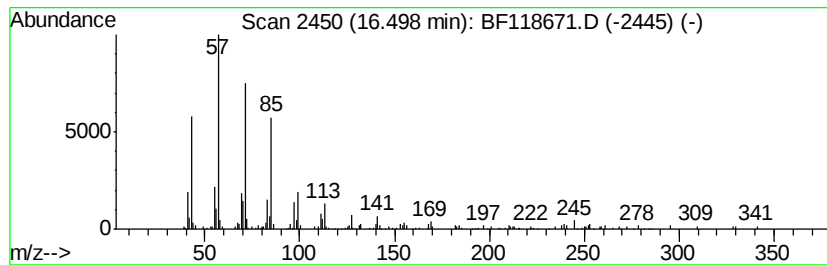
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.20 ng	265426	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012220\
Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Butane, 2-methoxy...	2.17	18.6	ng	1759270	1	6.88	1893210	20.0
n-Hexadecanoic acid	11.92	3.6	ng	545110	4	11.40	3048610	20.0
Behenic alcohol	13.87	4.9	ng	593341	5	14.03	2415620	20.0
Octadecane	14.51	2.7	ng	321461	5	14.03	2415620	20.0
Nonadecane	14.82	3.4	ng	407618	6	15.51	2417220	20.0
Eicosane	15.16	5.7	ng	692180	6	15.51	2417220	20.0
2-methyloctacosane	15.99	4.0	ng	481780	6	15.51	2417220	20.0
Hexacosane	16.50	2.2	ng	265426	6	15.51	2417220	20.0