

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022520\
 Data File : BF119071.D
 Acq On : 25 Feb 2020 18:18
 Operator : CG/JU
 Sample : L1671-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E156-B4-022420-GW

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.481	401	407	416	rBB	205788	253244	3.30%	0.527%
2	4.975	488	491	501	rVB	60261	79591	1.04%	0.166%
3	5.381	557	560	581	rBV	2435490	2638846	34.38%	5.494%
4	6.392	728	732	744	rBV	1710169	1730473	22.54%	3.603%
5	6.751	789	793	801	rBV	1440408	1209667	15.76%	2.518%
6	6.910	815	820	823	rBV	4749906	4824695	62.85%	10.045%
7	7.316	883	889	892	rBV	3027833	3807262	49.60%	7.926%
8	7.639	941	944	952	rVB	76245	80339	1.05%	0.167%
9	8.033	1005	1011	1016	rBV	1569648	1591478	20.73%	3.313%
10	8.398	1065	1073	1082	rBV	182225	301662	3.93%	0.628%
11	9.110	1187	1194	1197	rBV	6617362	7676108	100.00%	15.981%
12	9.210	1205	1211	1217	rVB2	76294	96703	1.26%	0.201%
13	9.498	1254	1260	1264	rBV	369930	367206	4.78%	0.764%
14	9.786	1302	1309	1312	rBV	1962882	1972427	25.70%	4.106%
15	9.998	1341	1345	1353	rBV	95725	98883	1.29%	0.206%
16	10.574	1437	1443	1447	rBV	4571130	5204066	67.80%	10.834%
17	11.133	1534	1538	1544	rBV2	213934	187911	2.45%	0.391%
18	11.268	1555	1561	1564	rBV	2272877	2023780	26.36%	4.213%
19	11.804	1646	1652	1662	rBV2	940012	1062691	13.84%	2.212%
20	12.586	1781	1785	1796	rBV	506233	606633	7.90%	1.263%
21	12.857	1825	1831	1834	rBV	6628850	7191125	93.68%	14.971%
22	13.751	1979	1983	1992	rBV	519018	721751	9.40%	1.503%
23	13.904	2002	2009	2016	rBV	1844794	1818161	23.69%	3.785%
24	14.068	2034	2037	2043	rVB	99874	93588	1.22%	0.195%
25	14.368	2085	2088	2100	rBV	138032	176273	2.30%	0.367%
26	14.668	2135	2139	2142	rVB	161047	150666	1.96%	0.314%
27	14.986	2189	2193	2197	rBV	170430	185385	2.42%	0.386%
28	15.333	2246	2252	2265	rVB	1042212	1514572	19.73%	3.153%
29	15.751	2318	2323	2328	rBV	114142	164409	2.14%	0.342%
30	15.815	2328	2334	2340	rBV4	38977	92925	1.21%	0.193%
31	16.227	2398	2404	2408	rBV2	61187	110593	1.44%	0.230%

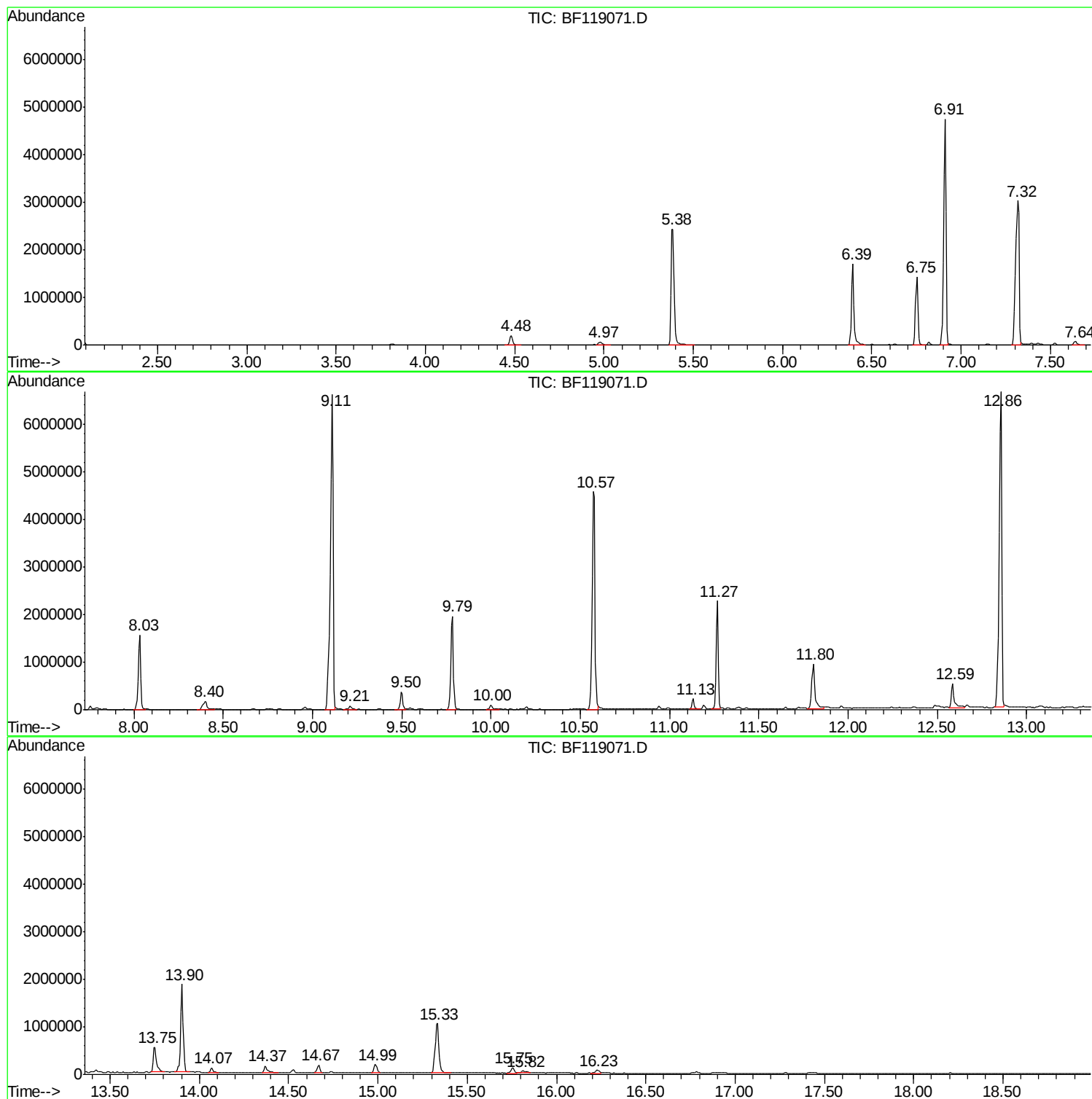
Sum of corrected areas: 48033113

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119071.D
Acq On : 25 Feb 2020 18:18
Operator : CG/JU
Sample : L1671-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E156-B4-022420-GW

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119071.D
Acq On : 25 Feb 2020 18:18
Operator : CG/JU
Sample : L1671-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

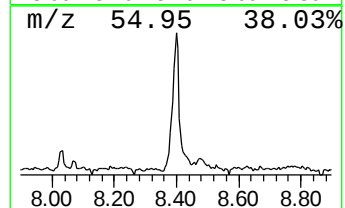
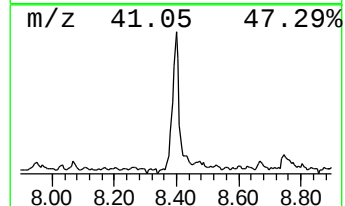
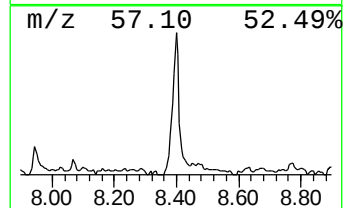
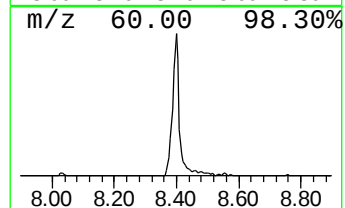
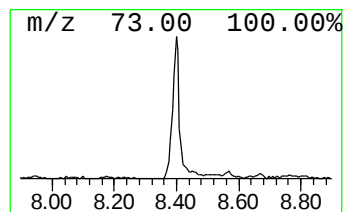
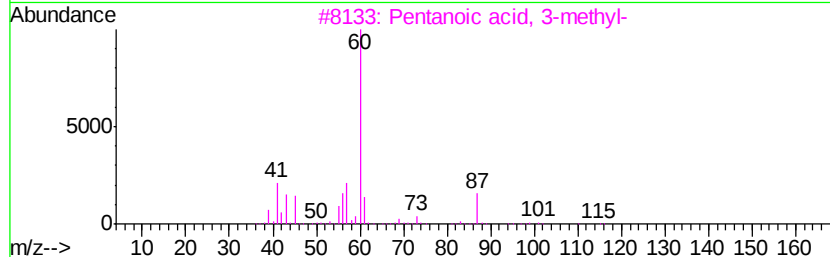
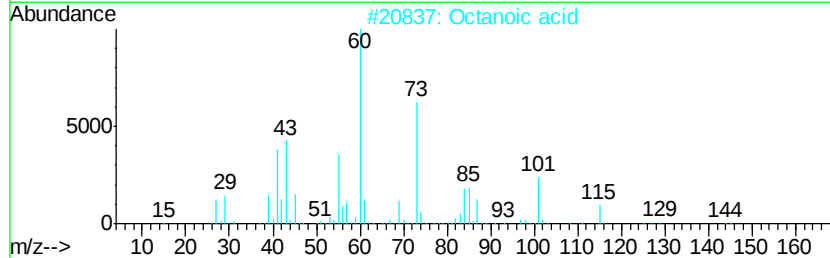
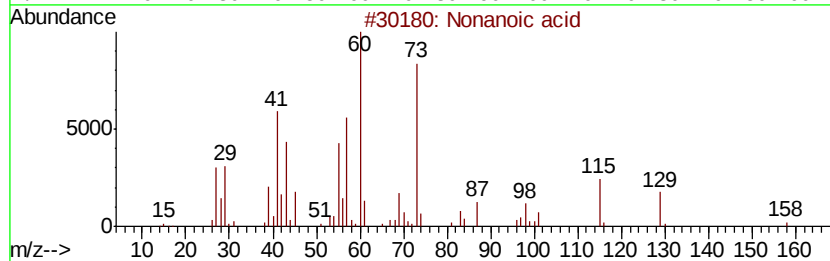
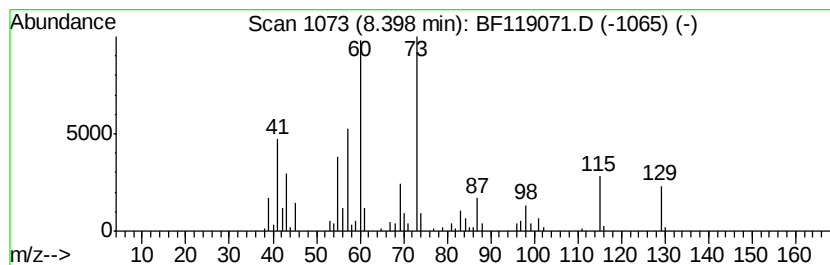
Instrument :
BNA_F
ClientSampleId :
E156-B4-022420-GW

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

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

Peak Number 3 Nonanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.40	3.79 ng	301662	Naphthalene-d8	8.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	78
2	Octanoic acid	144	C8H16O2	000124-07-2	50
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43
5	Pentanoic acid	102	C5H10O2	000109-52-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119071.D
Acq On : 25 Feb 2020 18:18
Operator : CG/JU
Sample : L1671-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

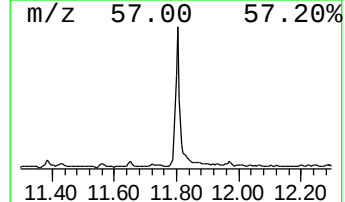
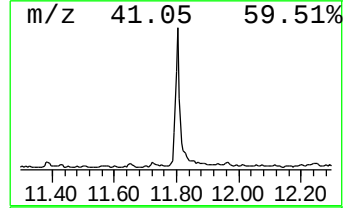
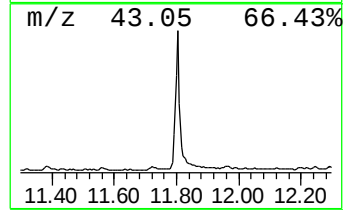
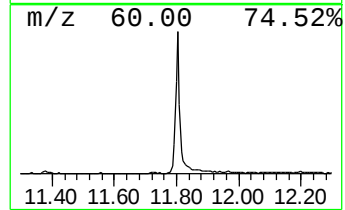
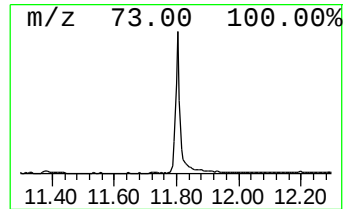
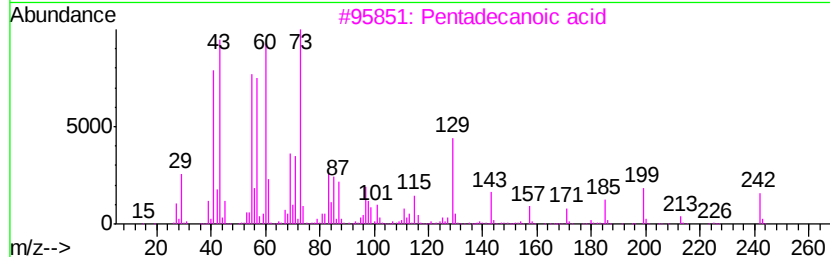
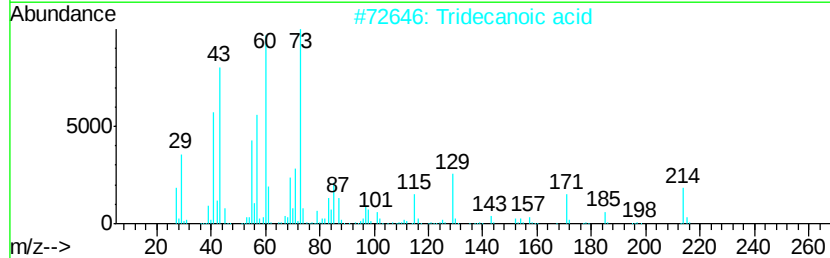
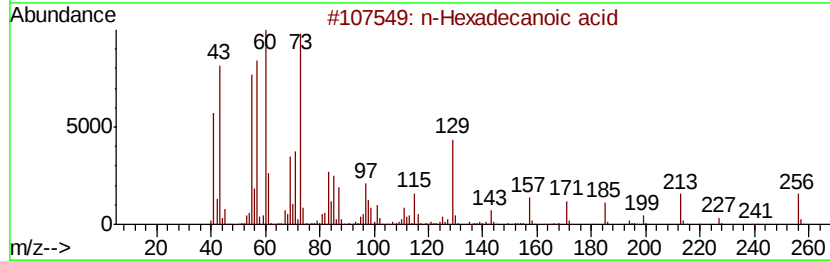
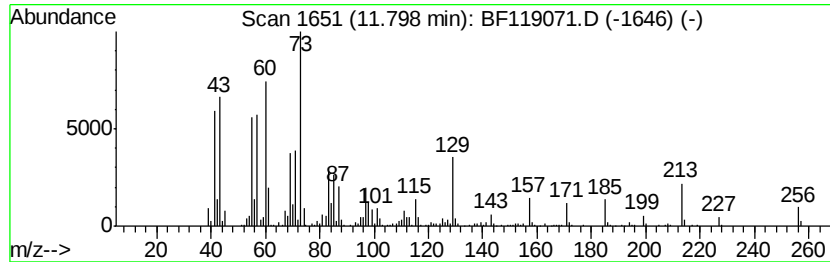
Instrument :
BNA_F
ClientSampleId :
E156-B4-022420-GW

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

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	10.50 ng	1062690	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119071.D
Acq On : 25 Feb 2020 18:18
Operator : CG/JU
Sample : L1671-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E156-B4-022420-GW

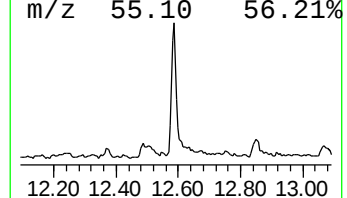
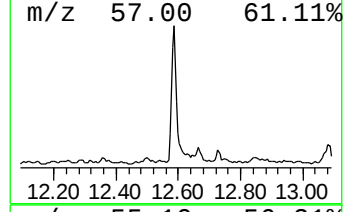
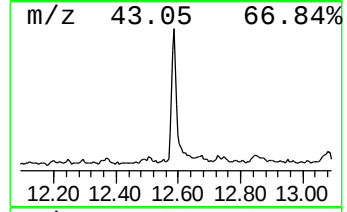
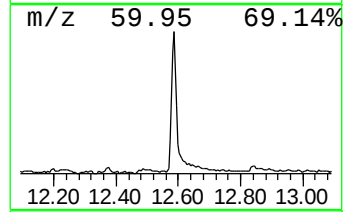
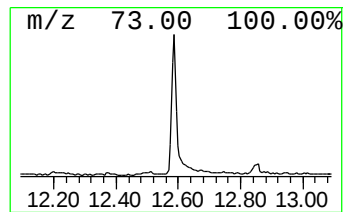
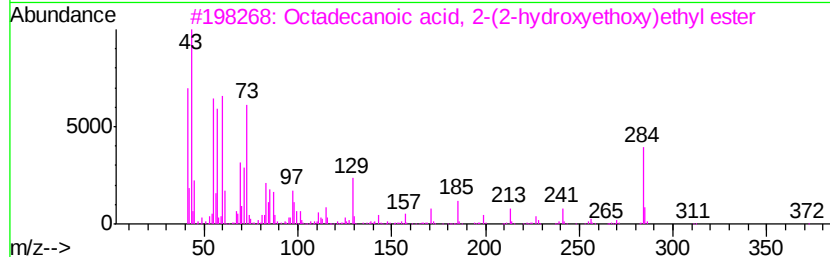
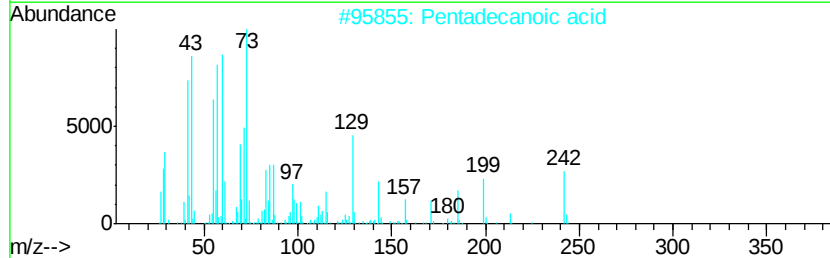
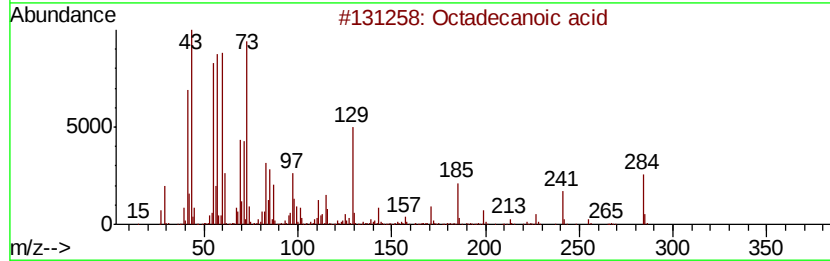
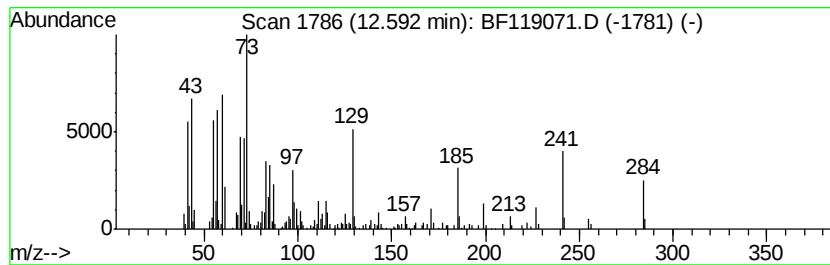
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	6.00 ng	606633	Phenanthrene-d10	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119071.D
Acq On : 25 Feb 2020 18:18
Operator : CG/JU
Sample : L1671-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E156-B4-022420-GW

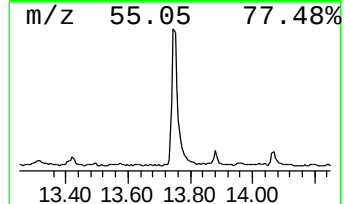
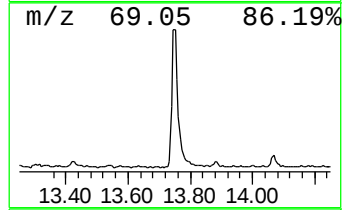
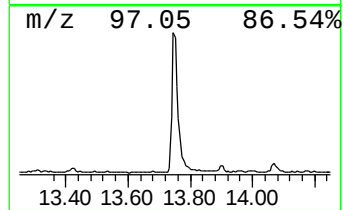
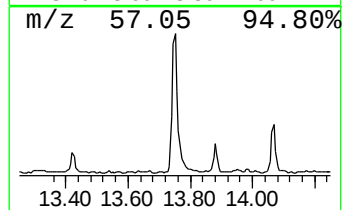
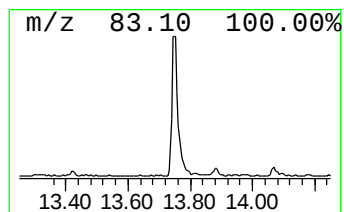
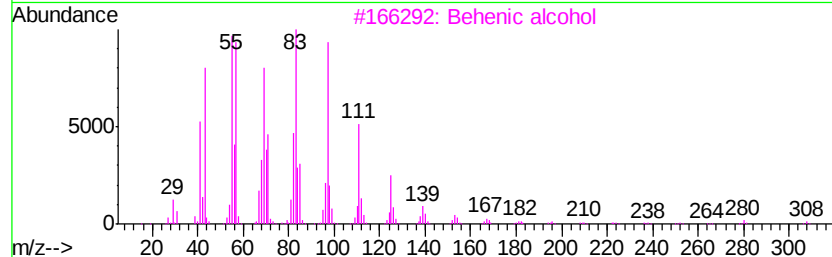
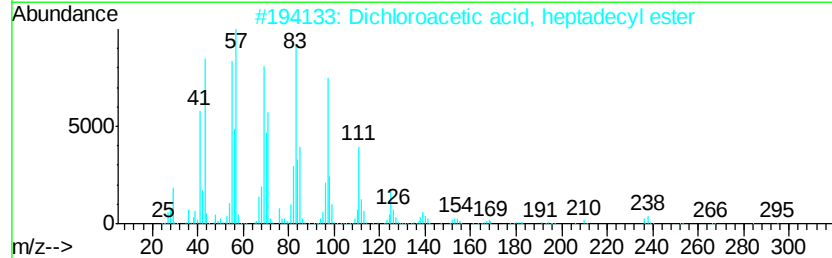
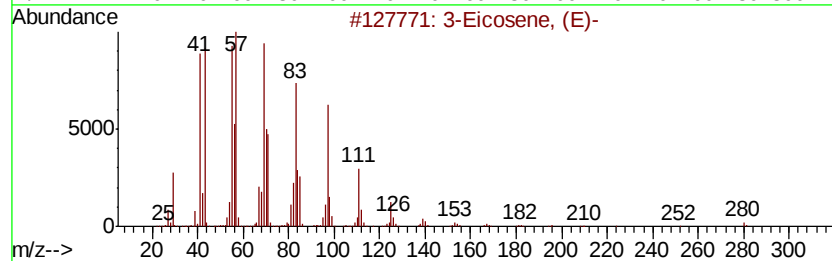
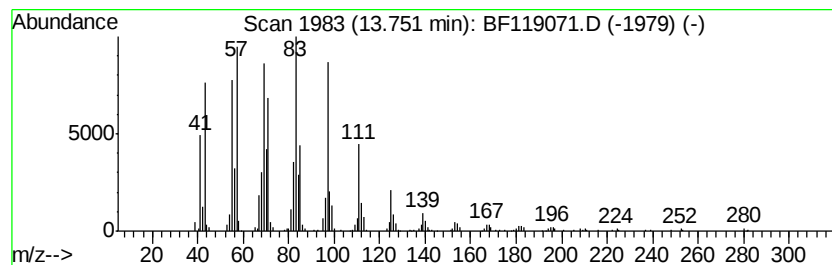
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	7.94 ng	721751	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119071.D
 Acq On : 25 Feb 2020 18:18
 Operator : CG/JU
 Sample : L1671-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E156-B4-022420-GW

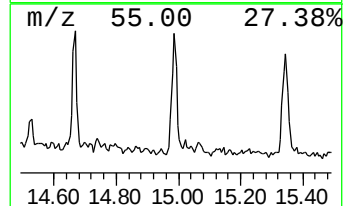
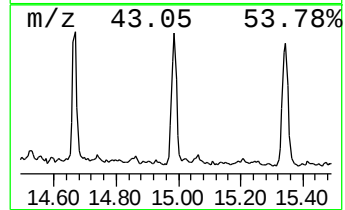
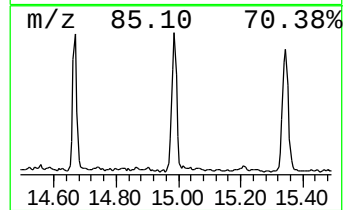
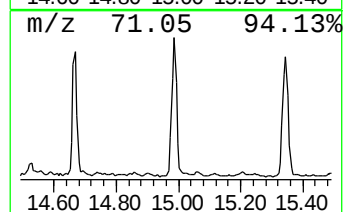
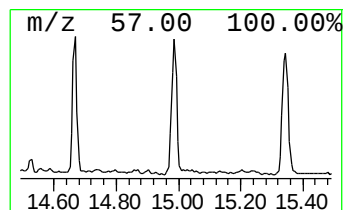
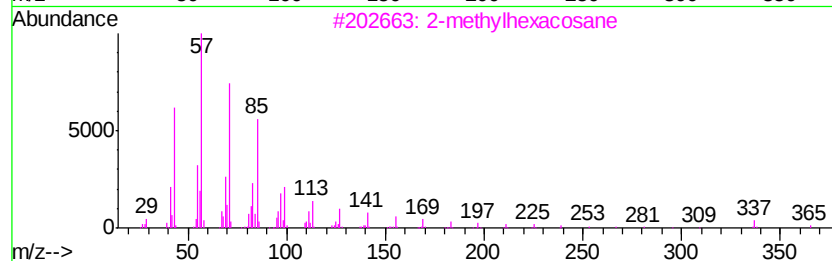
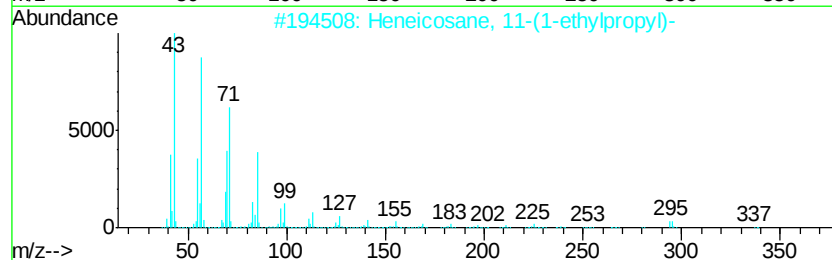
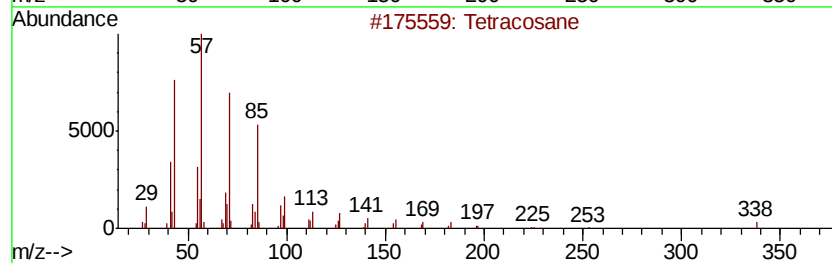
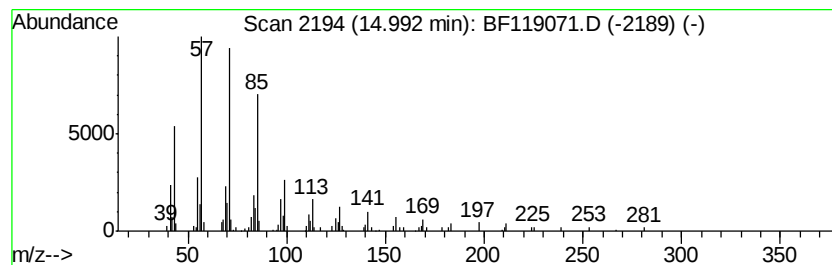
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.45 ng	185385	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		2-methylhexacosane	380	C27H56	1000376-72-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119071.D
Acq On : 25 Feb 2020 18:18
Operator : CG/JU
Sample : L1671-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E156-B4-022420-GW

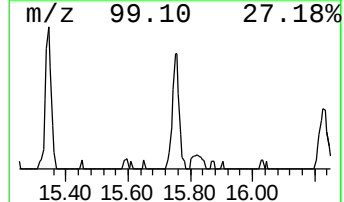
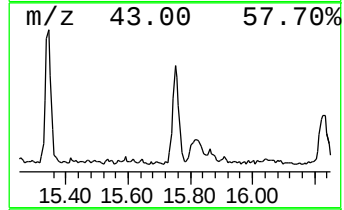
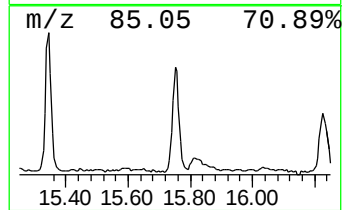
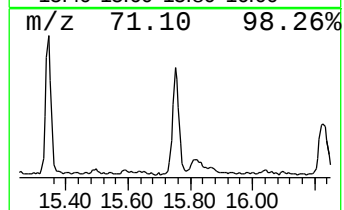
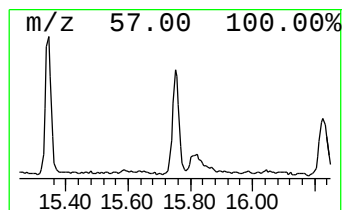
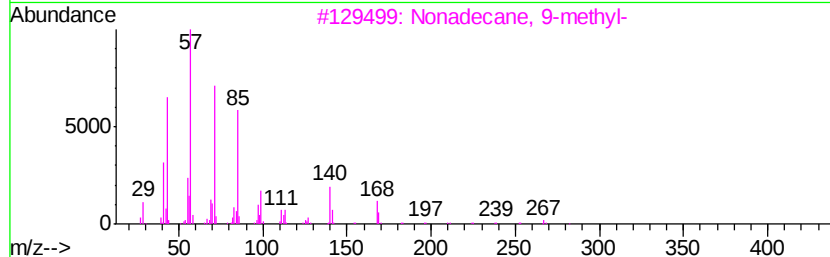
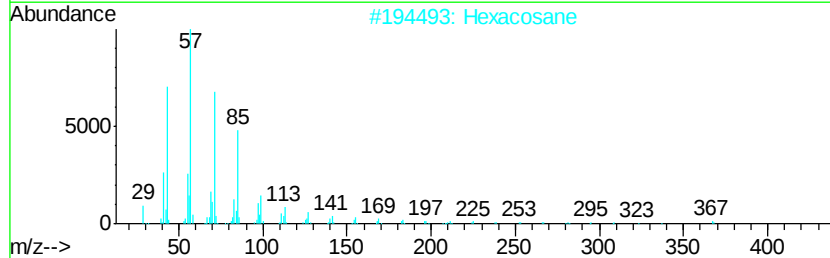
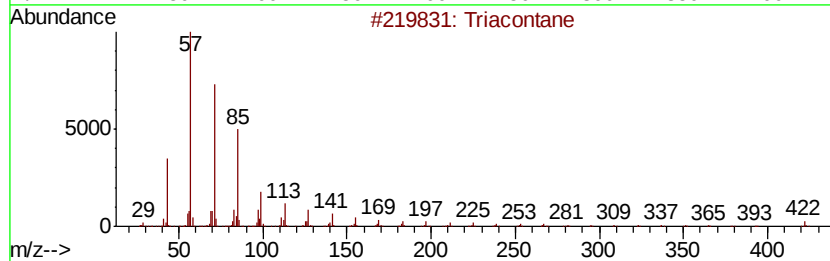
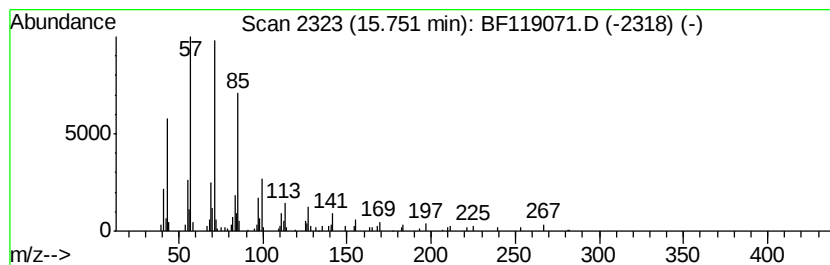
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.17 ng	164409	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022520\
Data File : BF119071.D
Acq On : 25 Feb 2020 18:18
Operator : CG/JU
Sample : L1671-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E156-B4-022420-GW

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonanoic acid	8.40	3.8	ng	301662	2	8.03	1591480	20.0
n-Hexadecanoic acid	11.80	10.5	ng	1062690	4	11.27	2023780	20.0
Octadecanoic acid	12.59	6.0	ng	606633	4	11.27	2023780	20.0
3-Eicosene, (E)-	13.75	7.9	ng	721751	5	13.90	1818160	20.0
Tetracosane	14.99	2.5	ng	185385	6	15.33	1514570	20.0
Triacontane	15.75	2.2	ng	164409	6	15.33	1514570	20.0