

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018618.D
 Acq On : 17 Jan 2019 17:35
 Operator : JU/SJ
 Sample : K1139-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-6

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_M\METHODS\8270-BM010919.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	4.881	300	305	314	rBV	250630	369210	3.56%	0.366%
2	5.328	375	381	394	rBV	5197195	7526742	72.62%	7.468%
3	6.916	643	651	667	rBV	4979780	7928999	76.50%	7.867%
4	7.275	704	712	721	rBV	5667133	8696581	83.90%	8.628%
5	7.740	784	791	797	rBV	1261624	1940218	18.72%	1.925%
6	8.057	837	845	853	rBV	4207220	6657980	64.24%	6.606%
7	8.904	981	989	1002	rBV	3072200	5103929	49.24%	5.064%
8	10.528	1258	1265	1272	rBV	1513077	2526745	24.38%	2.507%
9	13.004	1678	1686	1696	rBV	7359673	10365008	100.00%	10.283%
10	13.845	1822	1829	1842	rBV	1325894	1852513	17.87%	1.838%
11	14.257	1893	1899	1909	rVB2	47959	111776	1.08%	0.111%
12	14.386	1914	1921	1930	rBV2	2025753	3004229	28.98%	2.981%
13	15.880	2167	2175	2188	rBV	5238954	7340139	70.82%	7.282%
14	17.139	2382	2389	2394	rBV	2234161	3097174	29.88%	3.073%
15	18.027	2533	2540	2556	rBV	1181879	1989878	19.20%	1.974%
16	19.198	2735	2739	2744	rVB	134475	198215	1.91%	0.197%
17	19.310	2753	2758	2768	rBV2	531769	837166	8.08%	0.831%
18	19.568	2798	2802	2808	rVB	123909	199434	1.92%	0.198%
19	19.768	2831	2836	2852	rVB	8626942	10360831	99.96%	10.279%
20	21.027	3046	3050	3057	rBV	461590	576827	5.57%	0.572%
21	21.327	3095	3101	3106	rBV	2569116	3506986	33.83%	3.479%
22	21.468	3122	3125	3129	rVB	409368	399703	3.86%	0.397%
23	21.904	3195	3199	3208	rVB	727444	935252	9.02%	0.928%
24	22.374	3274	3279	3286	rBV	1371543	1762594	17.01%	1.749%
25	22.886	3361	3366	3377	rBV	1721344	2789696	26.91%	2.768%
26	23.462	3458	3464	3477	rVB	1815960	3232829	31.19%	3.207%
27	23.603	3482	3488	3503	rVB	1635951	3184897	30.73%	3.160%
28	24.121	3570	3576	3588	rVB	1373644	2657360	25.64%	2.636%
29	24.880	3699	3705	3713	rVB	772206	1639763	15.82%	1.627%

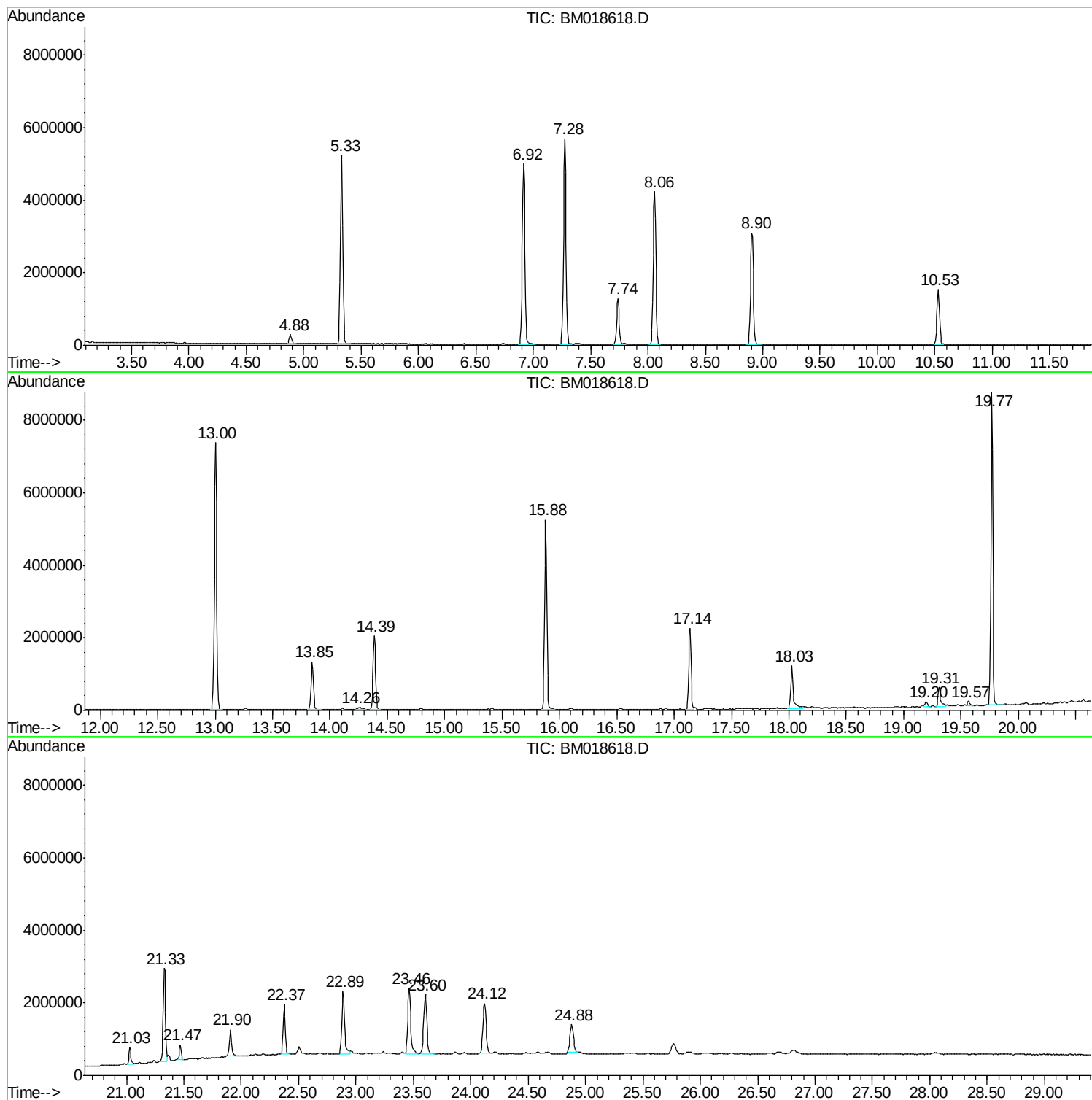
Sum of corrected areas: 100792674

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

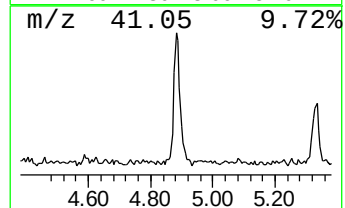
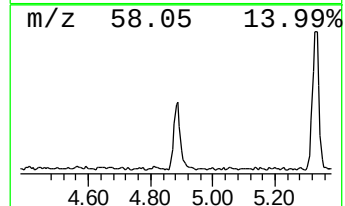
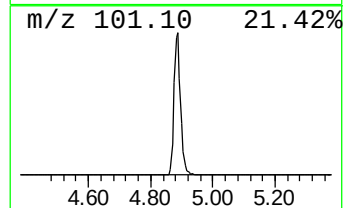
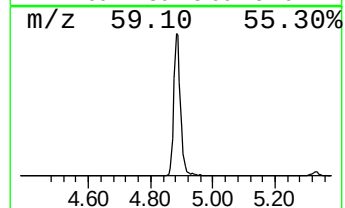
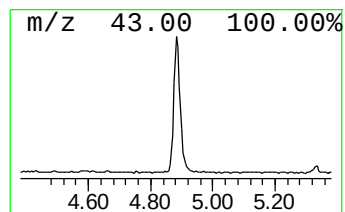
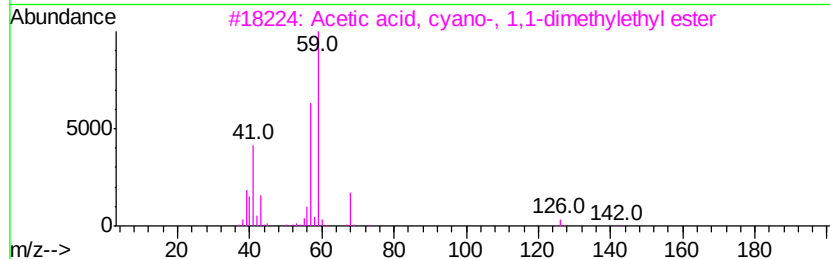
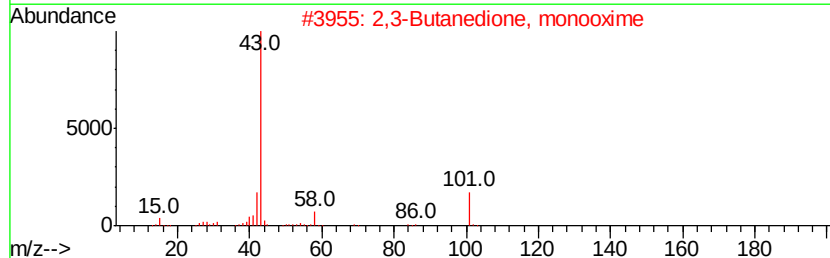
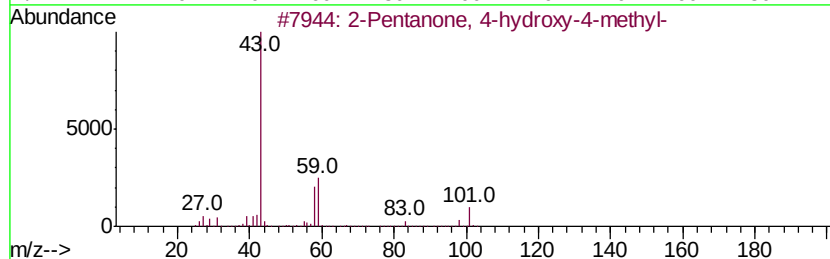
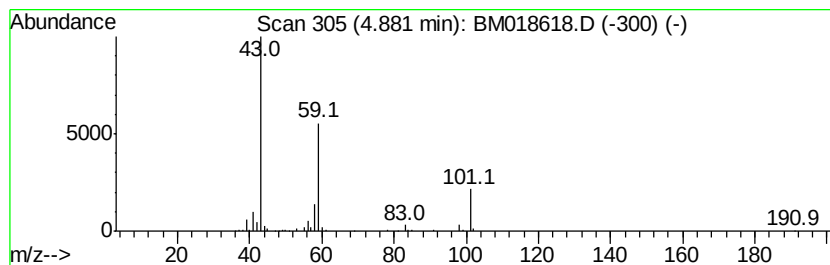
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	3.81 ng	369210	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

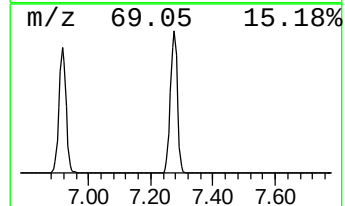
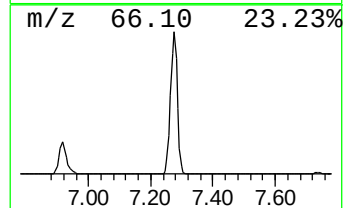
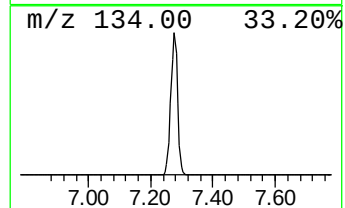
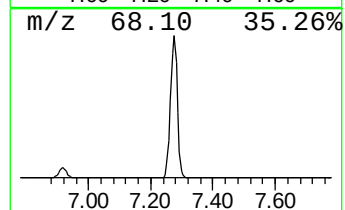
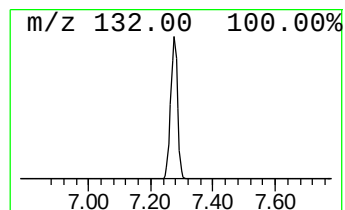
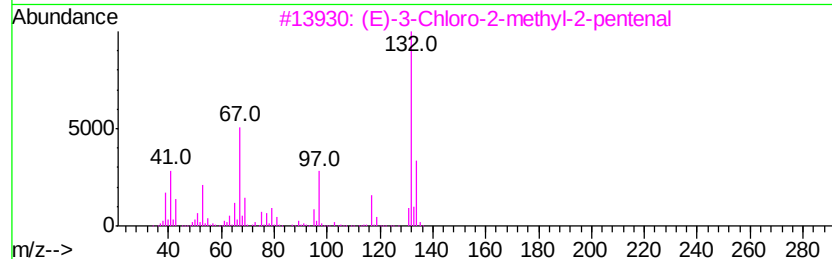
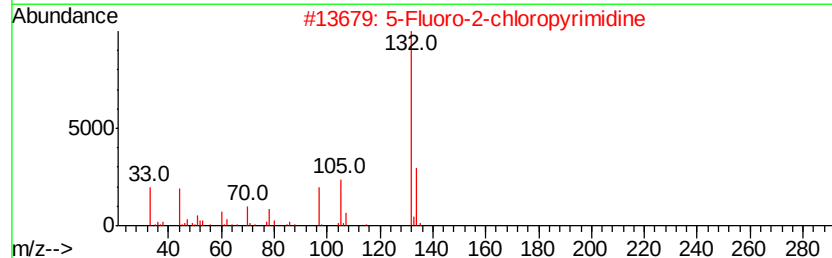
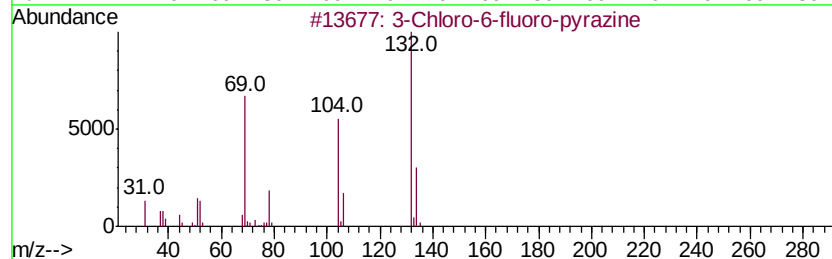
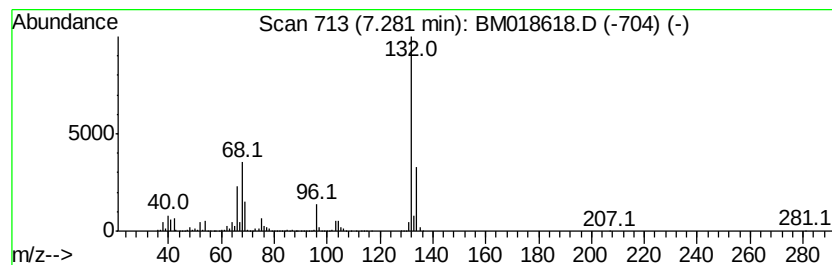
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	89.65 ng	8696580	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

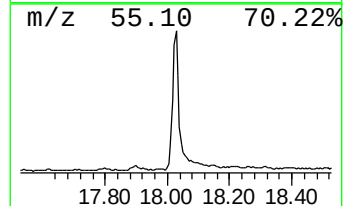
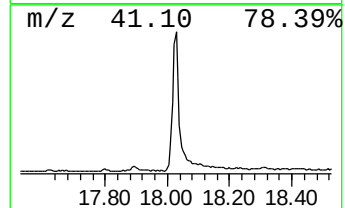
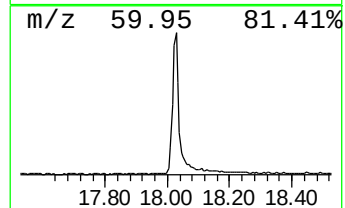
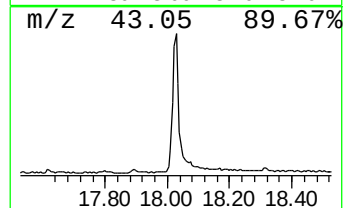
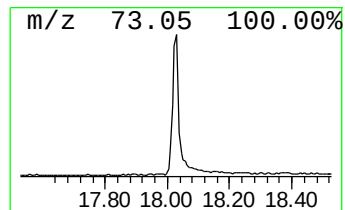
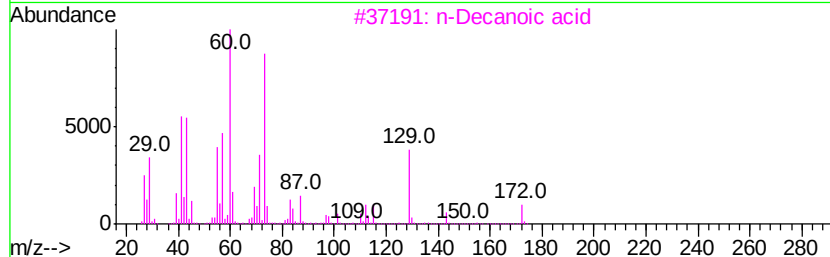
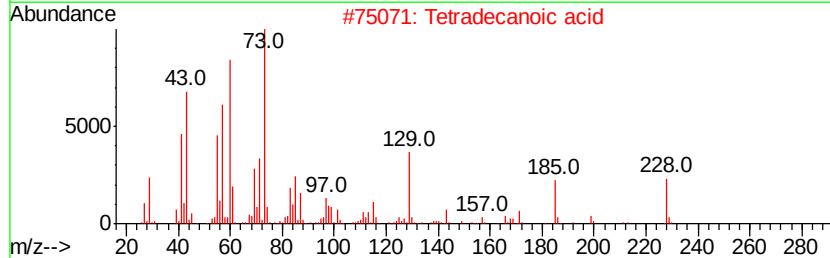
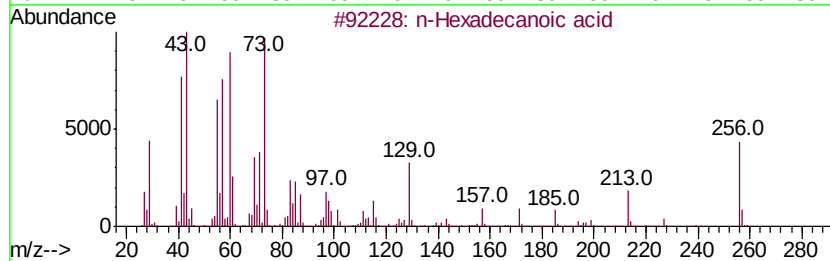
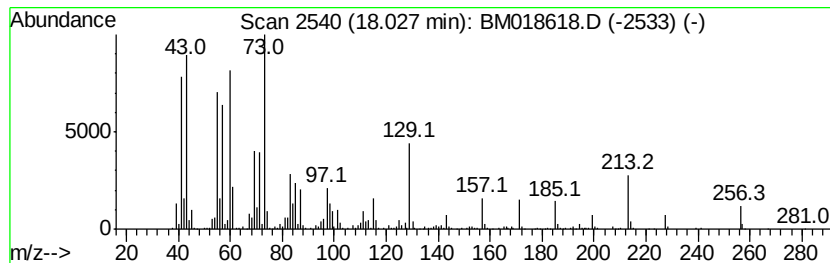
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	12.85 ng	1989880	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		n-Decanoic acid	172	C10H20O2	000334-48-5	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

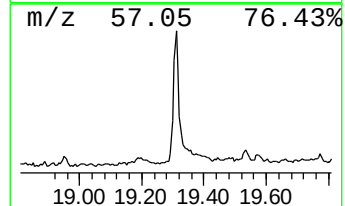
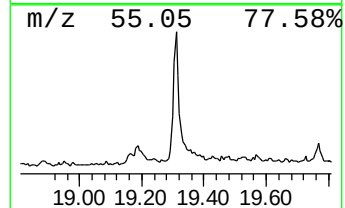
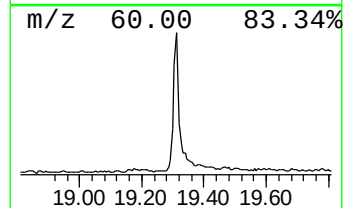
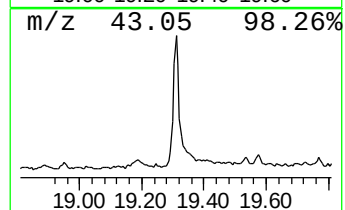
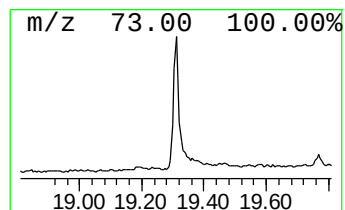
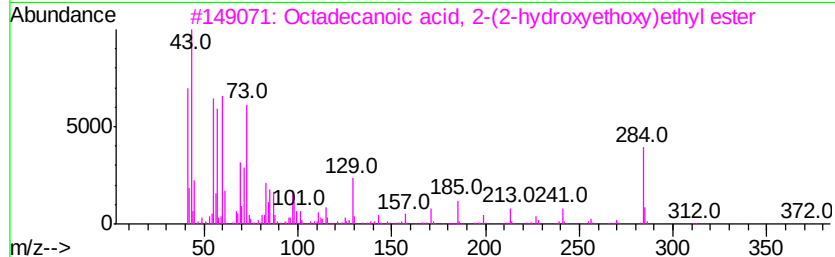
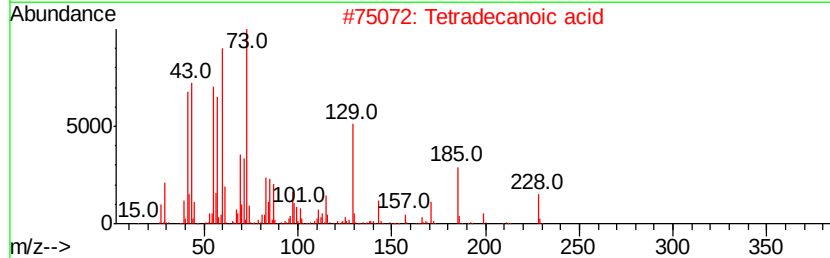
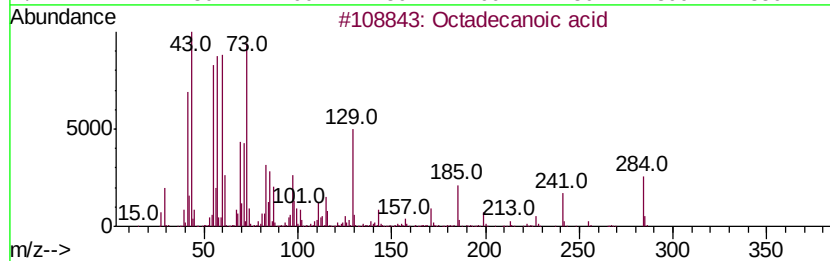
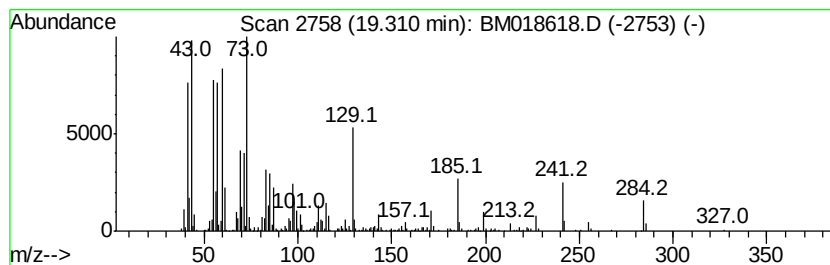
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	4.77 ng	837166	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
4		Undecanoic acid	186	C11H22O2	000112-37-8	62
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

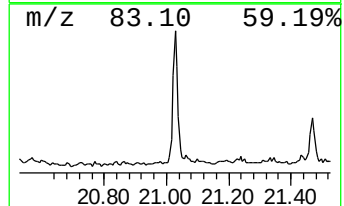
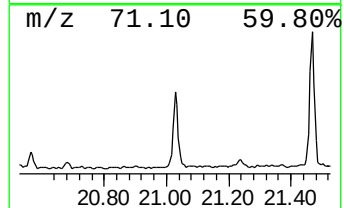
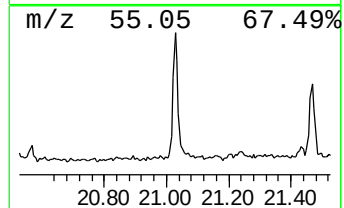
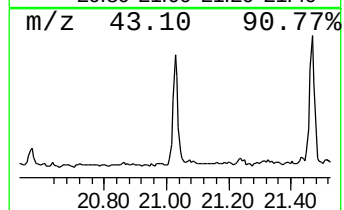
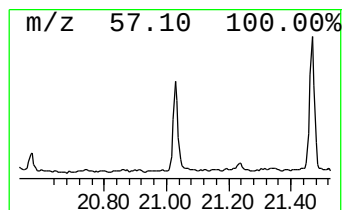
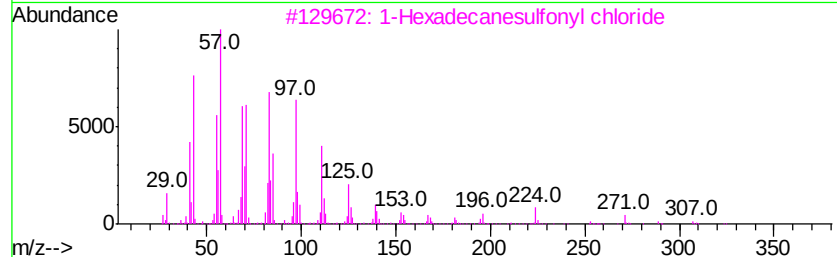
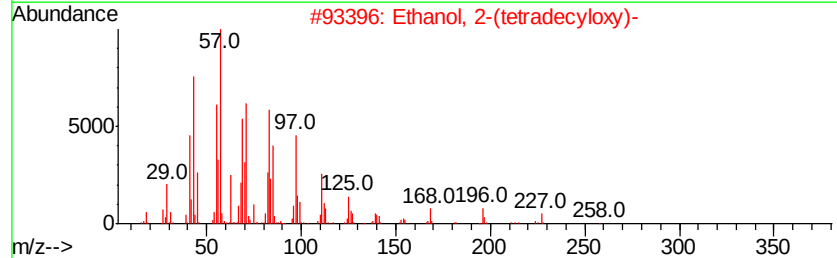
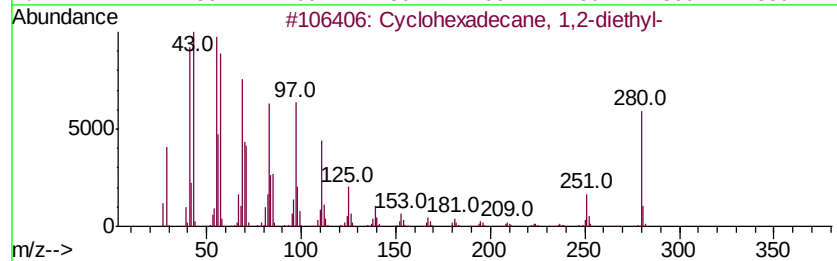
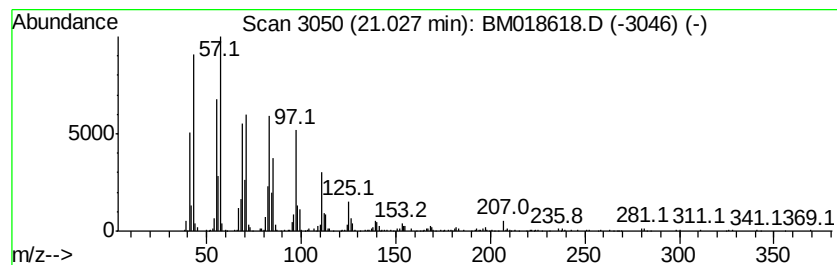
Instrument :
BNA_M
ClientSampleId :
S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexadecane, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.03	3.29 ng	576827	Chrysene-d12	21.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5		17-Pentatriacontene	491	C35H70	006971-40-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

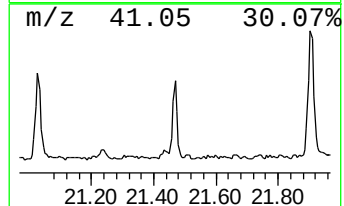
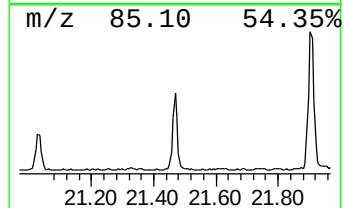
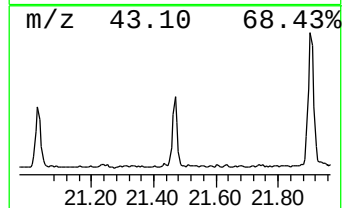
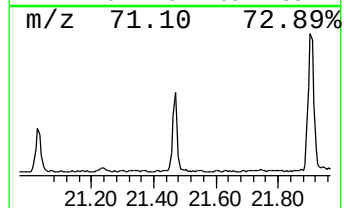
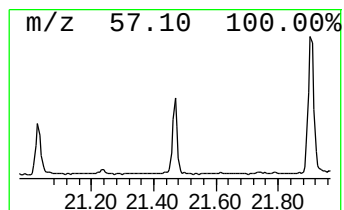
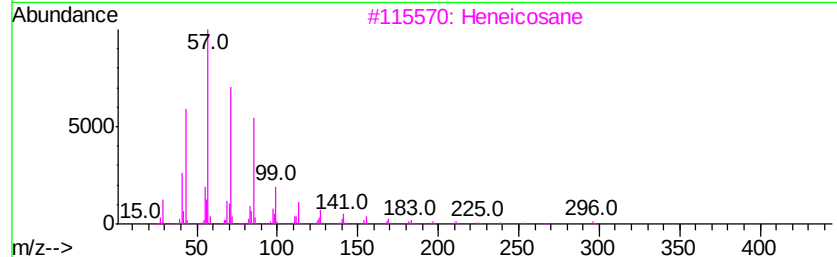
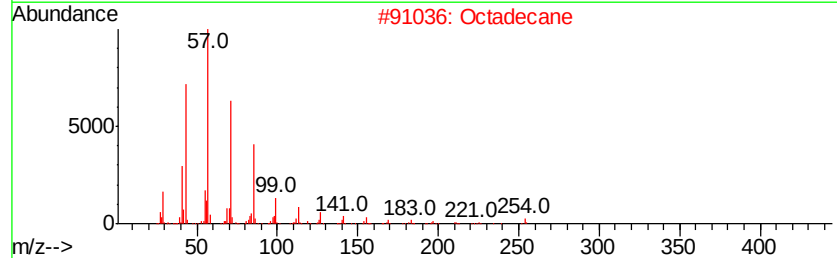
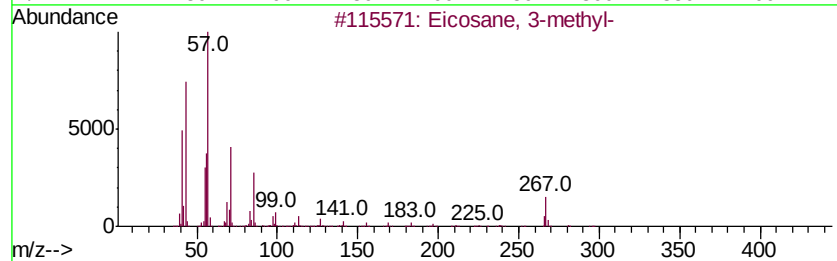
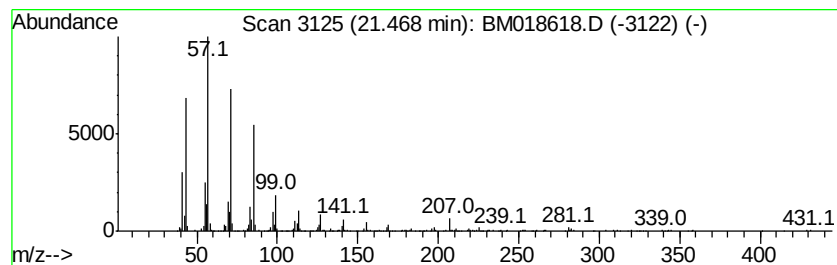
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Eicosane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.28 ng	399703	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	93
2		Octadecane	254	C18H38	000593-45-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

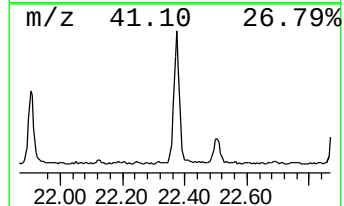
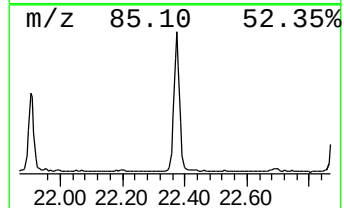
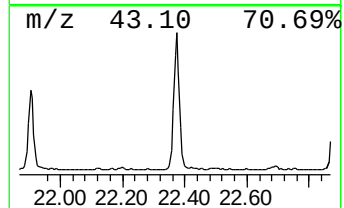
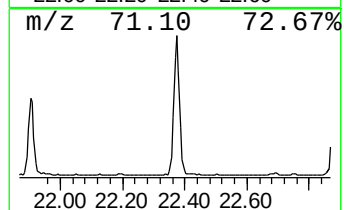
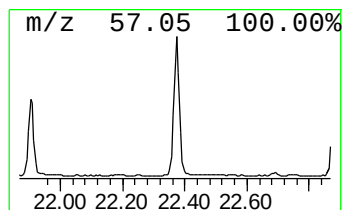
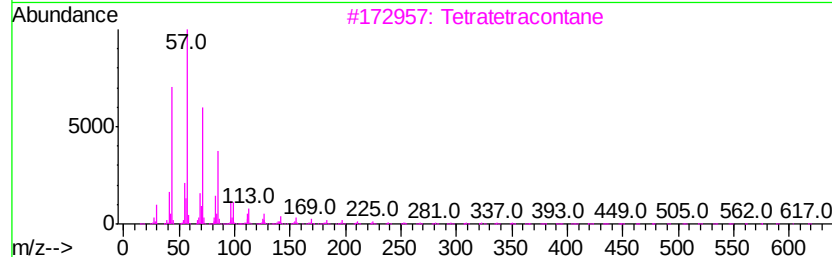
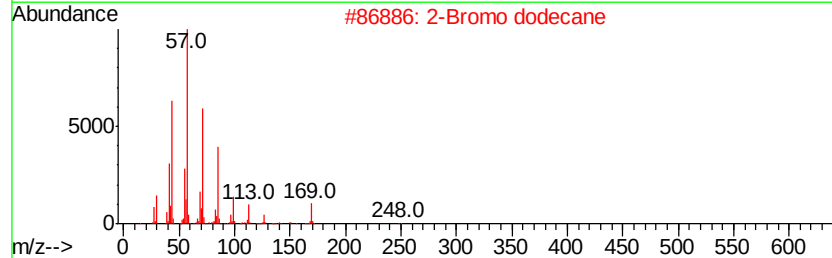
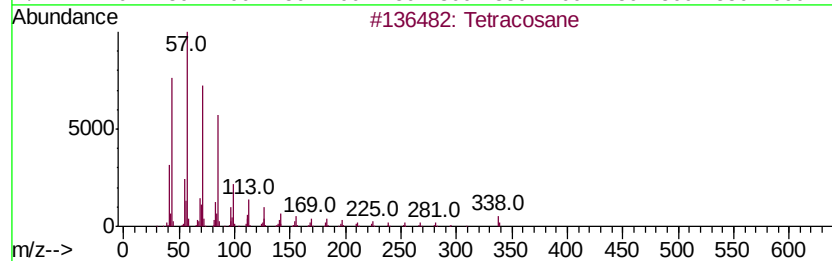
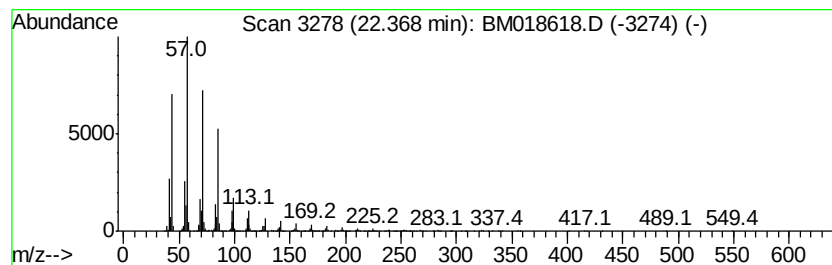
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	10.05 ng	1762590	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	98
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

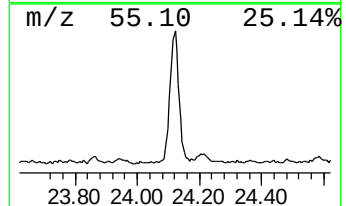
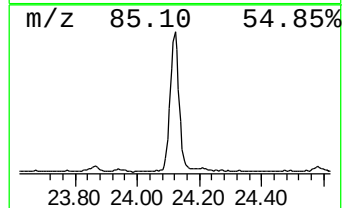
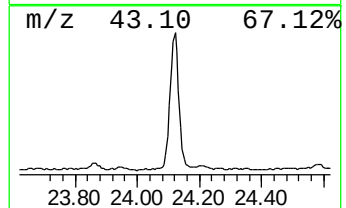
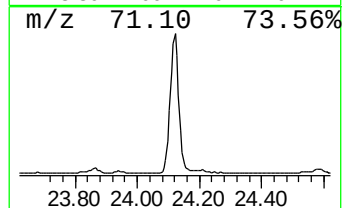
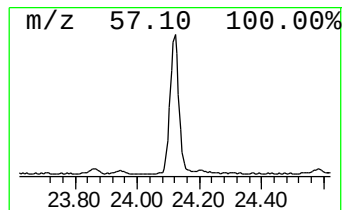
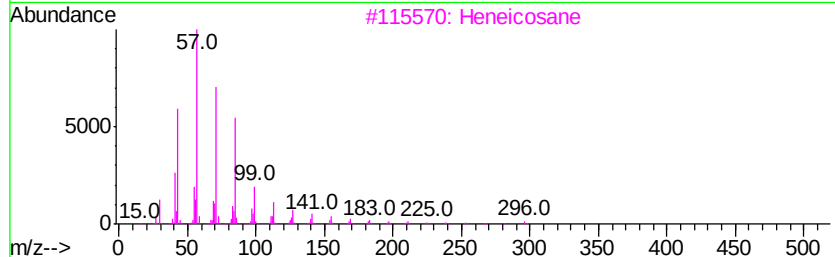
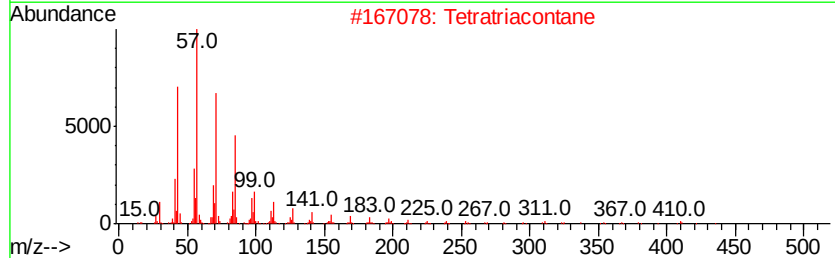
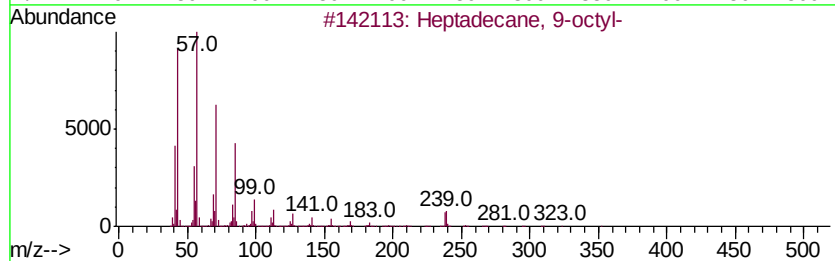
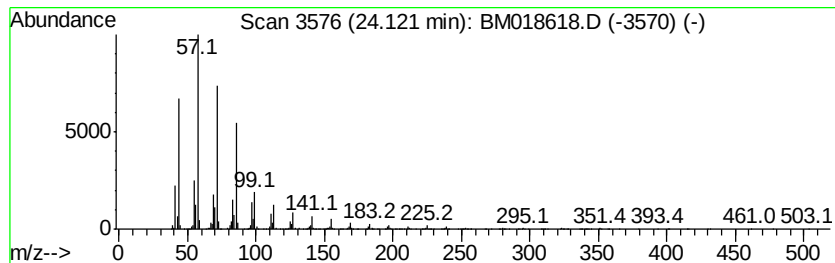
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	16.69 ng	2657360	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

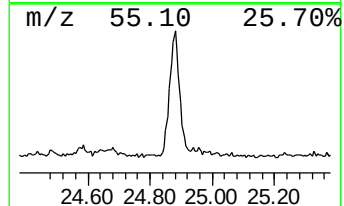
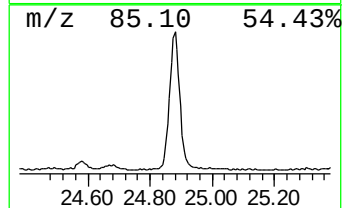
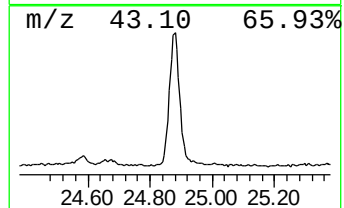
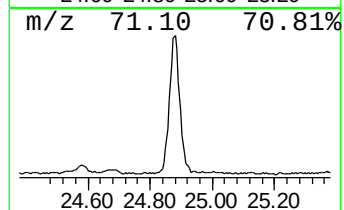
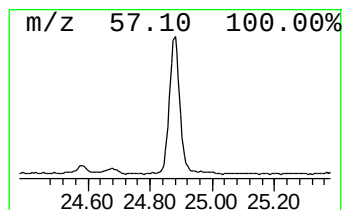
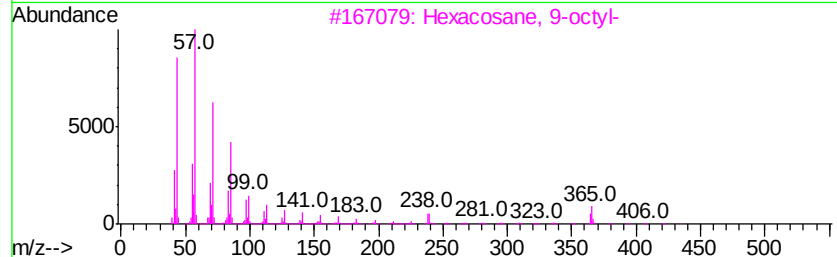
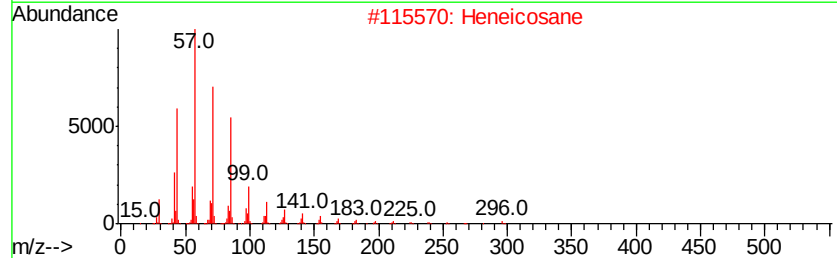
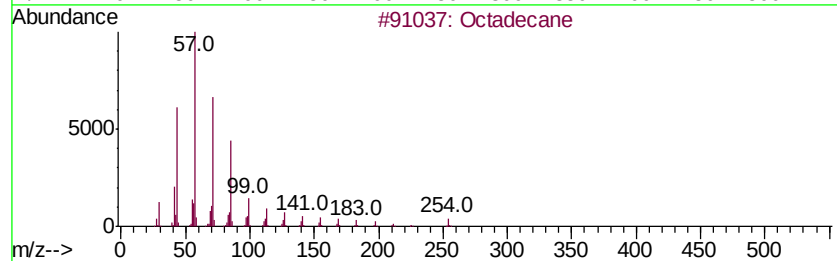
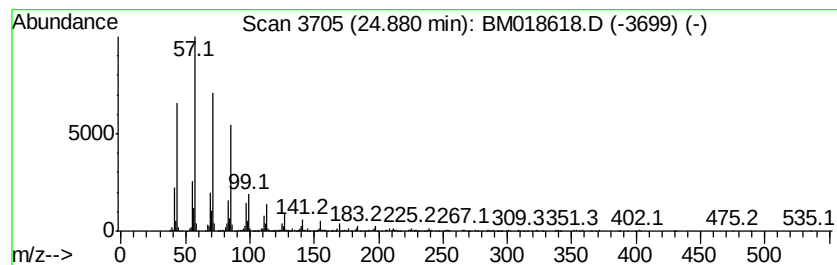
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	10.30 ng	1639760	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane, 9-octyl-	479	C34H70	055429-83-9	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011719\
Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.88	3.8	ng	369210	1	7.74	1940220	20.0
unknown7.28	7.28	89.7	ng	8696580	1	7.74	1940220	20.0
n-Hexadecanoic acid	18.03	12.9	ng	1989880	4	17.14	3097170	20.0
Octadecanoic acid	19.31	4.8	ng	837166	5	21.33	3506990	20.0
Cyclohexadecane, ...	21.03	3.3	ng	576827	5	21.33	3506990	20.0
Eicosane, 3-methyl-	21.47	2.3	ng	399703	5	21.33	3506990	20.0
Tetracosane	22.37	10.1	ng	1762590	5	21.33	3506990	20.0
Heptadecane, 9-oc...	24.12	16.7	ng	2657360	6	23.60	3184900	20.0
Octadecane	24.88	10.3	ng	1639760	6	23.60	3184900	20.0