

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018643.D
 Acq On : 18 Jan 2019 18:49
 Operator : JU/SJ
 Sample : K1188-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-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_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	315	rVB	202403	301982	2.75%	0.368%
2	5.328	374	381	396	rBV	4065068	5747830	52.32%	6.997%
3	6.910	643	650	671	rBV	3777914	6244825	56.85%	7.602%
4	7.269	704	711	725	rBV	4206540	6579132	59.89%	8.009%
5	7.734	784	790	797	rBV	856016	1330575	12.11%	1.620%
6	8.051	837	844	854	rBV	3237346	5120667	46.61%	6.234%
7	8.904	979	989	1001	rBV	2302499	3832315	34.89%	4.665%
8	10.528	1257	1265	1272	rBV	978296	1677093	15.27%	2.042%
9	12.998	1678	1685	1698	rBV	5499886	7956651	72.43%	9.686%
10	13.845	1823	1829	1841	rBV	381937	547599	4.98%	0.667%
11	14.263	1891	1900	1914	rBV2	54767	175072	1.59%	0.213%
12	14.386	1914	1921	1933	rVB2	1320475	2091944	19.04%	2.547%
13	15.874	2164	2174	2192	rBV	4260776	6548845	59.62%	7.972%
14	17.133	2381	2388	2395	rBV	1698167	2409005	21.93%	2.933%
15	18.021	2531	2539	2549	rBV	933465	1418992	12.92%	1.727%
16	19.304	2753	2757	2768	rBV	419260	633314	5.77%	0.771%
17	19.768	2830	2836	2846	rBV	8996499	10985075	100.00%	13.372%
18	21.027	3046	3050	3059	rBV	576888	729280	6.64%	0.888%
19	21.327	3096	3101	3106	rBV	2319426	3003064	27.34%	3.656%
20	21.468	3121	3125	3132	rVB	234588	291047	2.65%	0.354%
21	21.903	3195	3199	3206	rBV	510271	695770	6.33%	0.847%
22	22.368	3274	3278	3285	rBV	1035754	1343182	12.23%	1.635%
23	22.880	3360	3365	3379	rBV	1437128	2296483	20.91%	2.796%
24	23.456	3458	3463	3474	rVB	1725055	2856435	26.00%	3.477%
25	23.597	3481	3487	3497	rVB2	1525761	2984175	27.17%	3.633%
26	24.115	3569	3575	3584	rVB	1432937	2671585	24.32%	3.252%
27	24.874	3697	3704	3712	rBV	754744	1675309	15.25%	2.039%

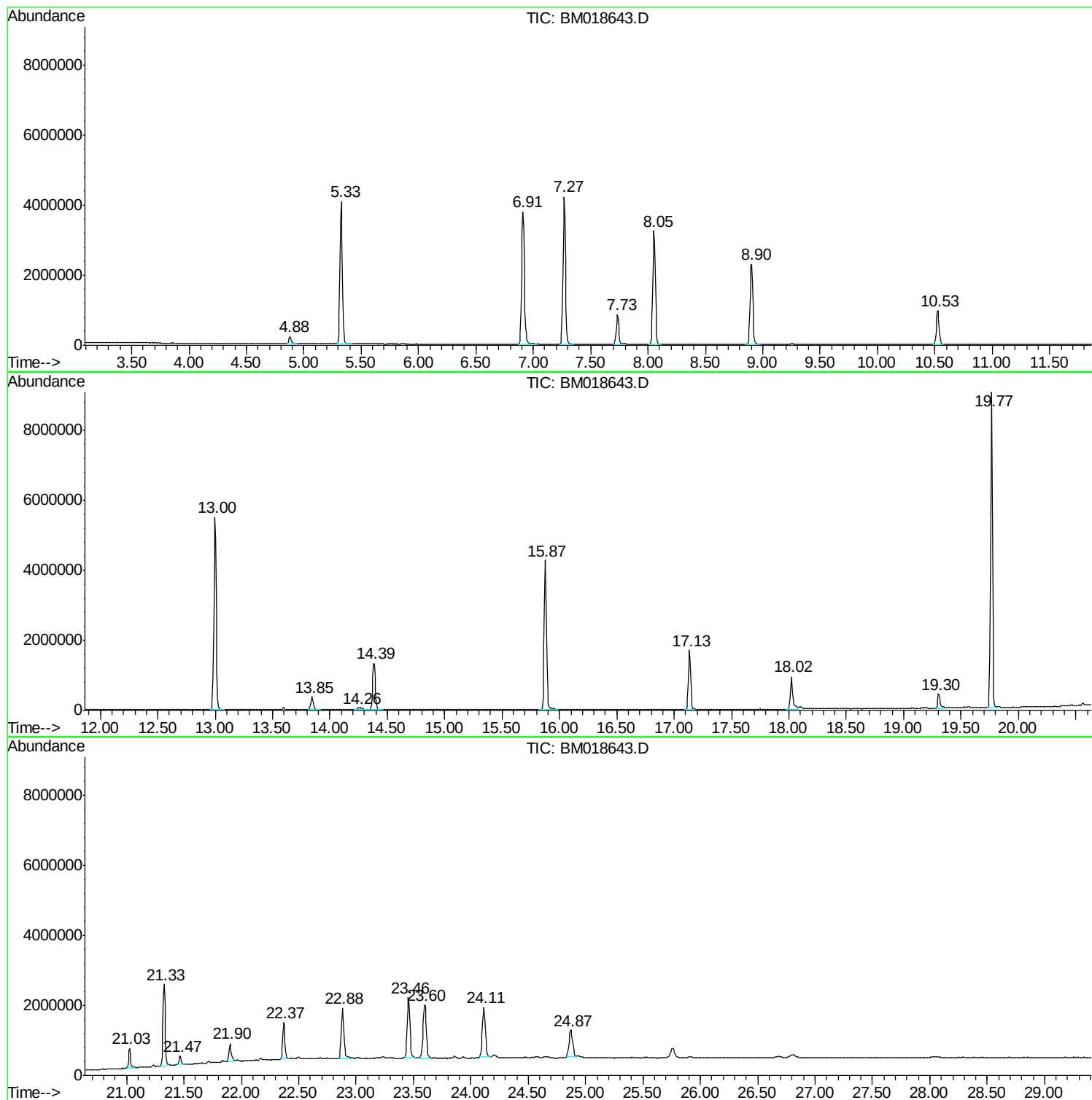
Sum of corrected areas: 82147246

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

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\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

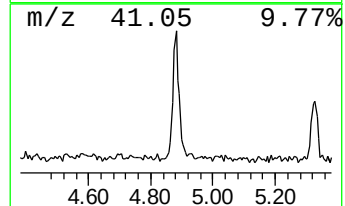
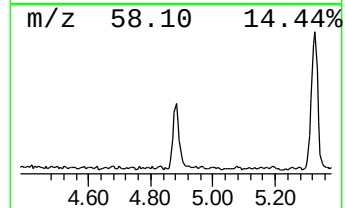
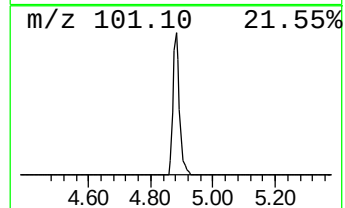
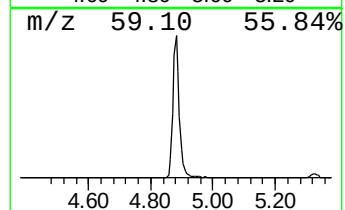
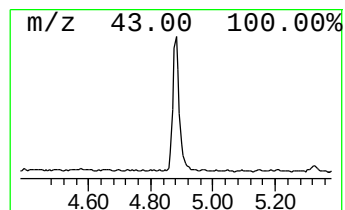
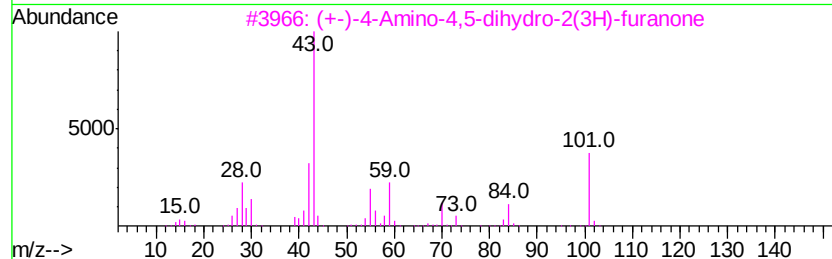
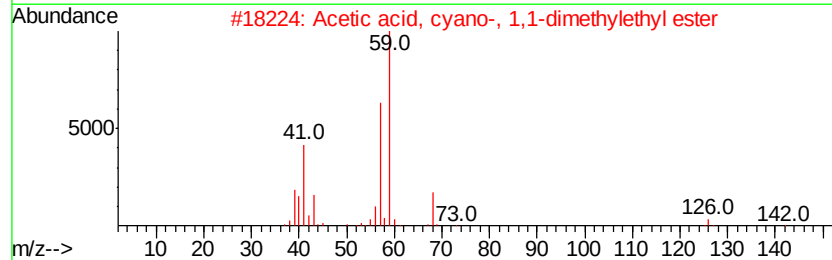
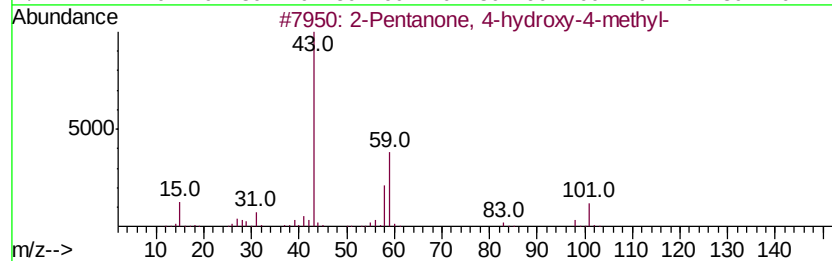
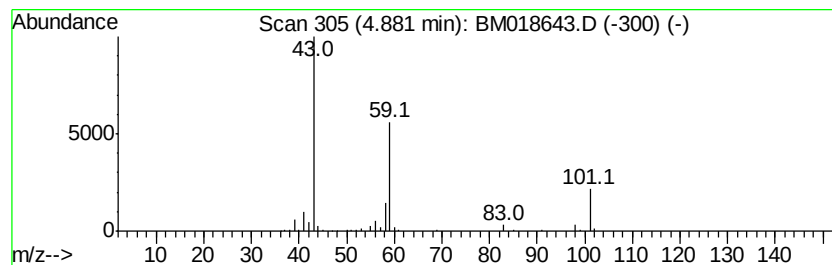
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	4.54 ng	301982	1,4-Dichlorobenzene-d4	7.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

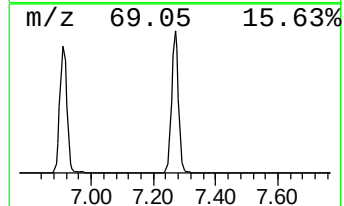
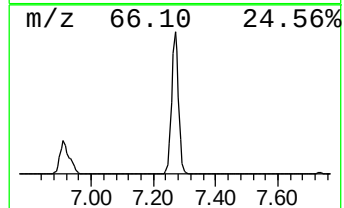
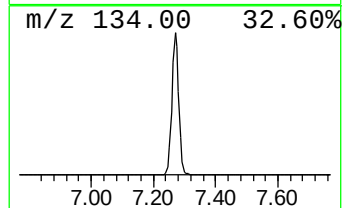
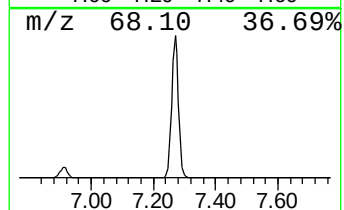
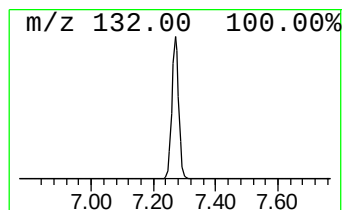
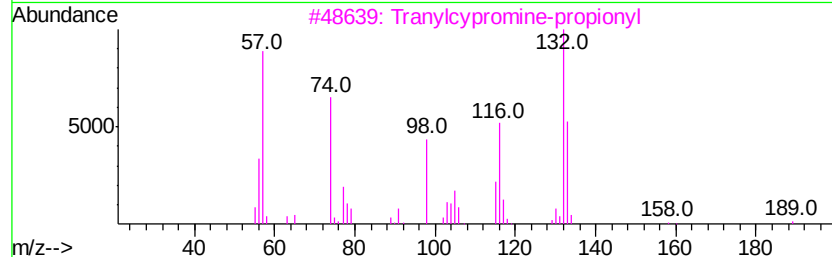
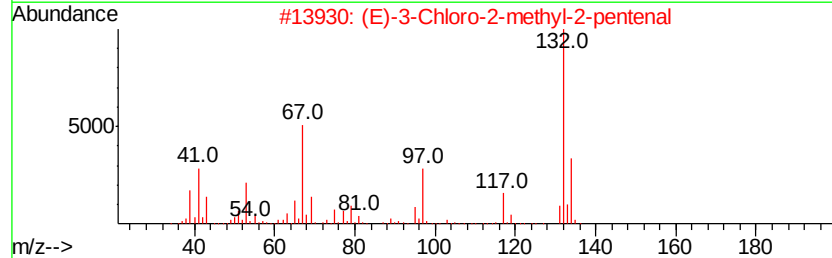
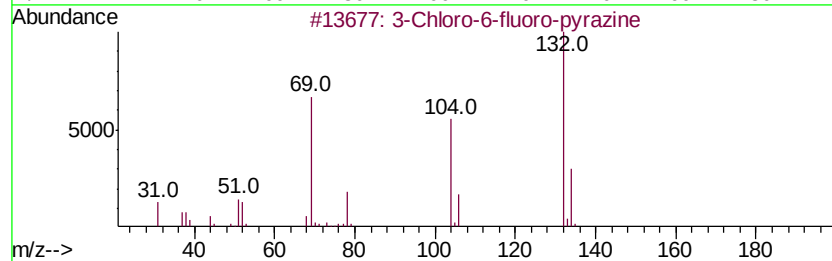
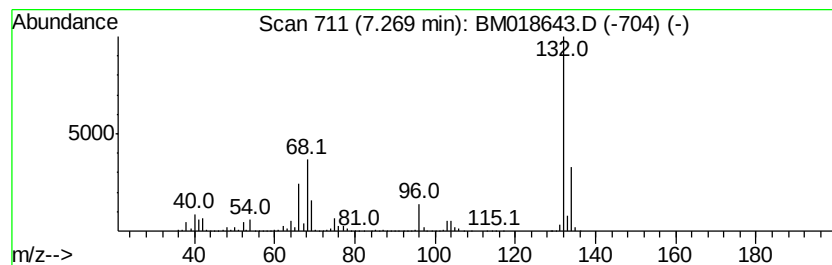
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	98.89 ng	6579130	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

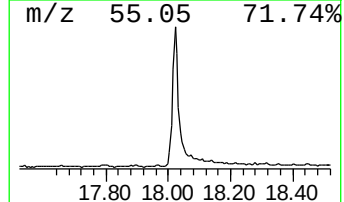
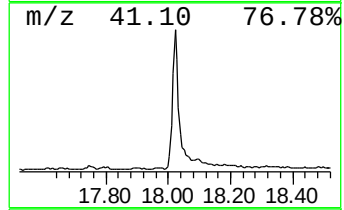
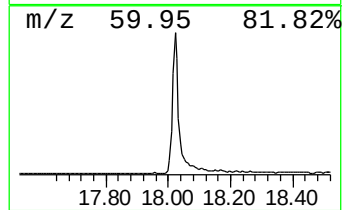
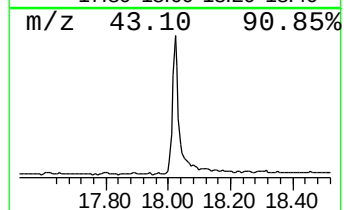
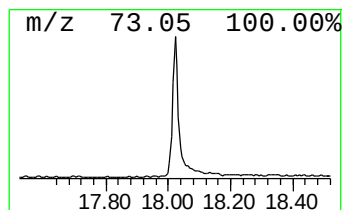
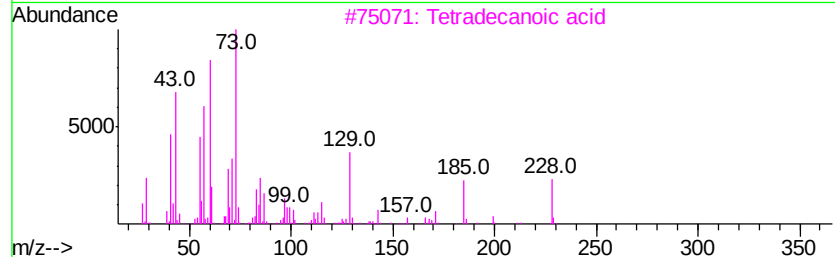
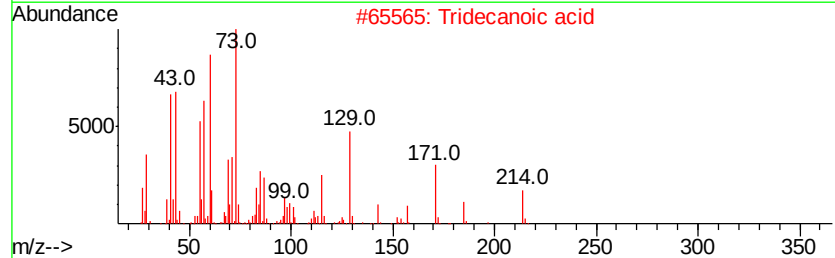
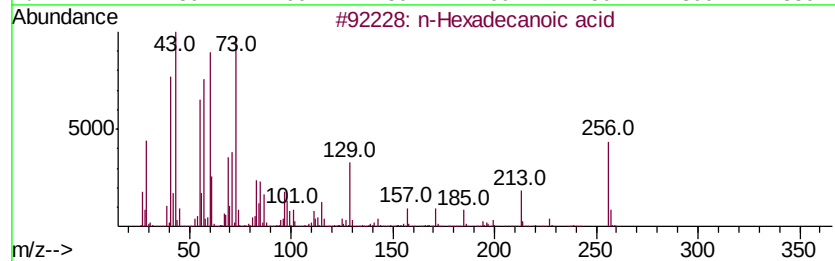
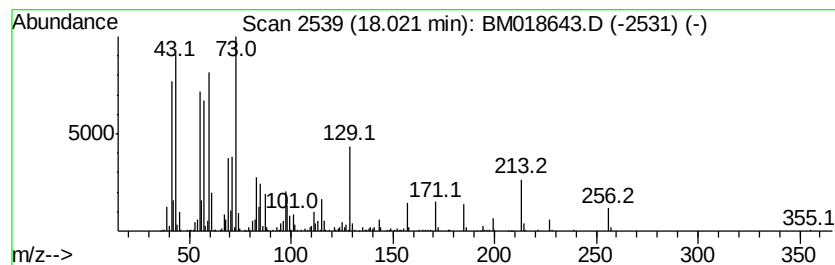
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
18.02	11.78 ng	1418990	Phenanthrene-d10	17.13

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	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

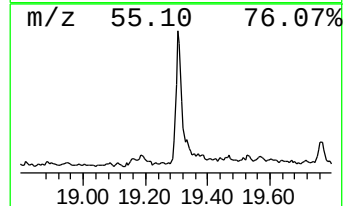
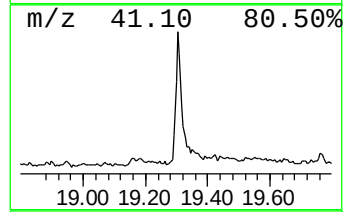
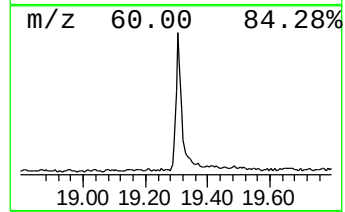
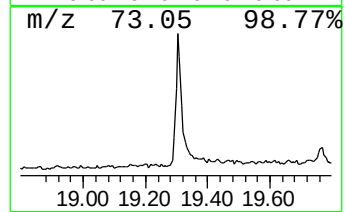
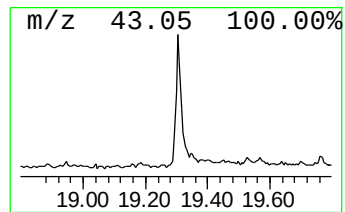
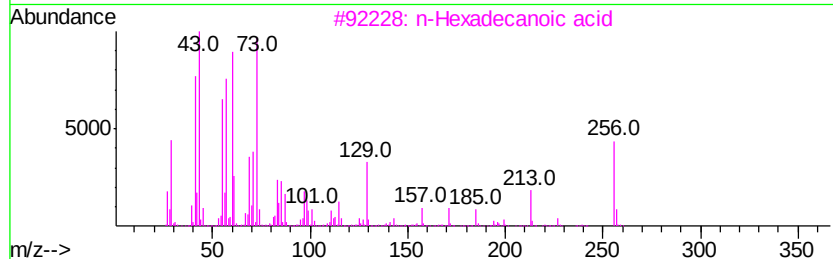
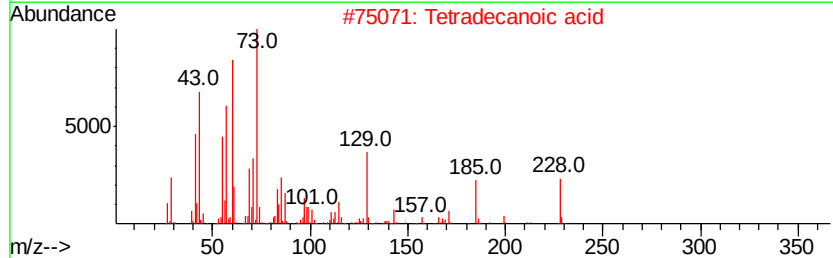
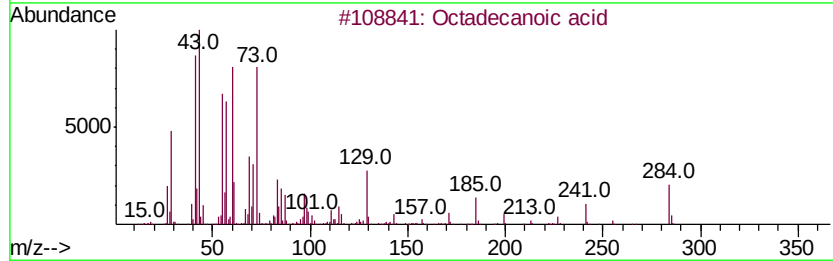
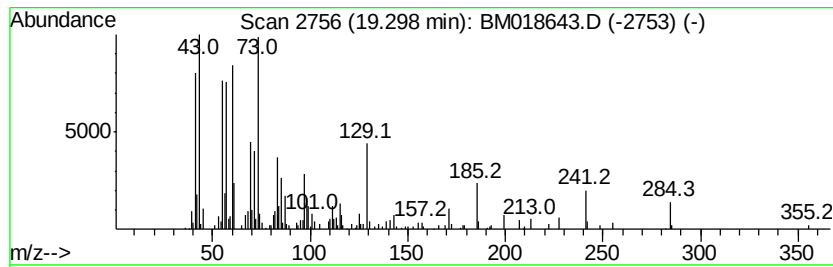
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

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 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.30	4.22 ng	633314	Chrysene-d12	21.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

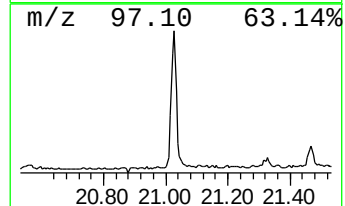
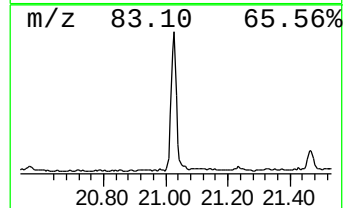
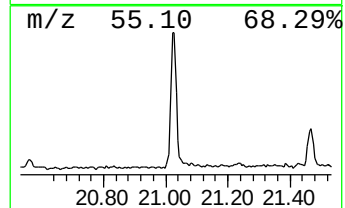
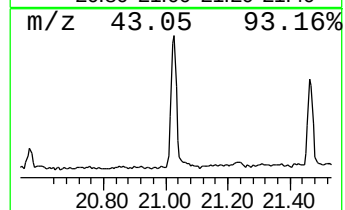
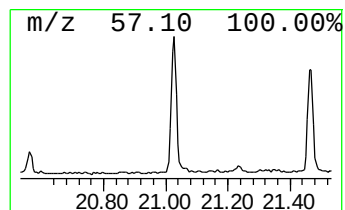
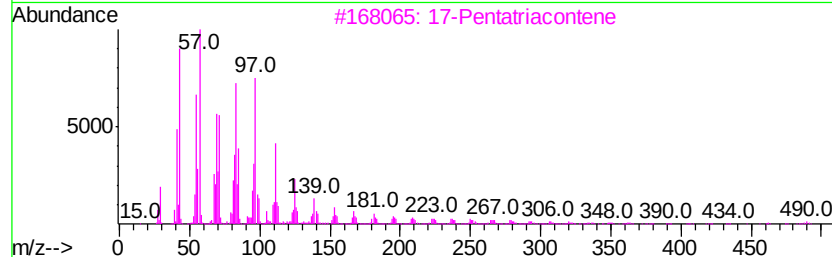
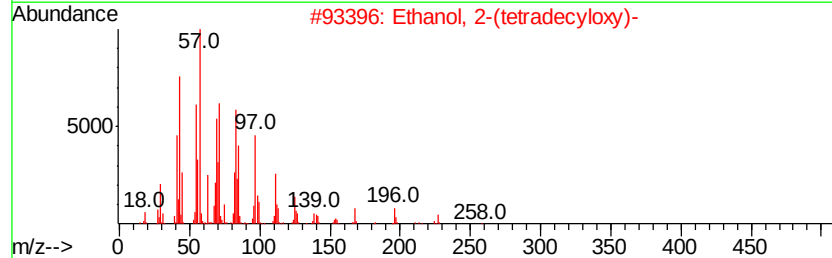
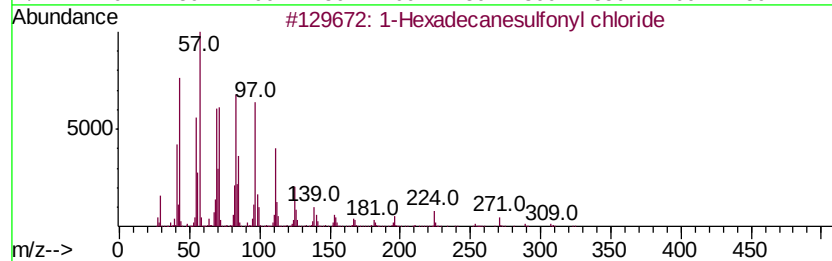
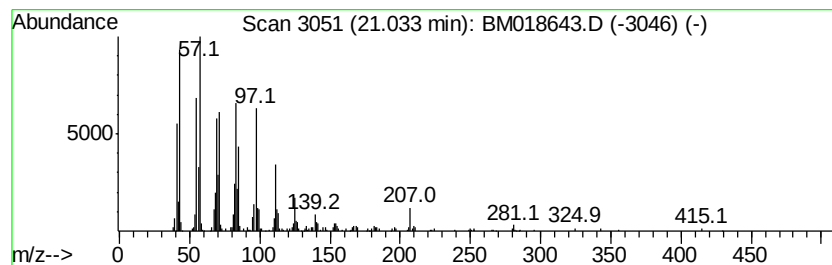
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexadecanesulfonyl chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	4.86 ng	729280	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

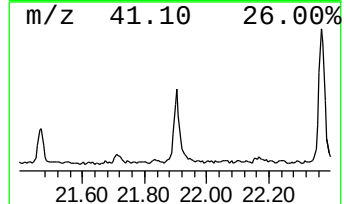
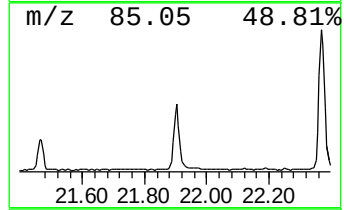
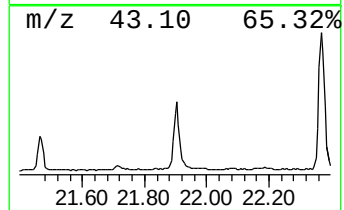
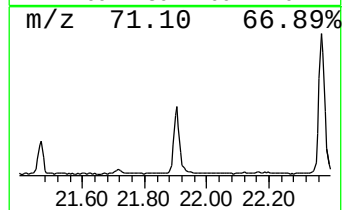
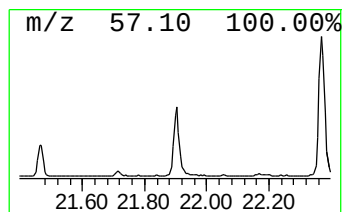
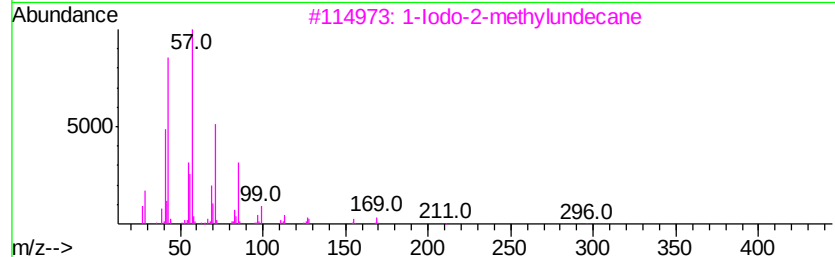
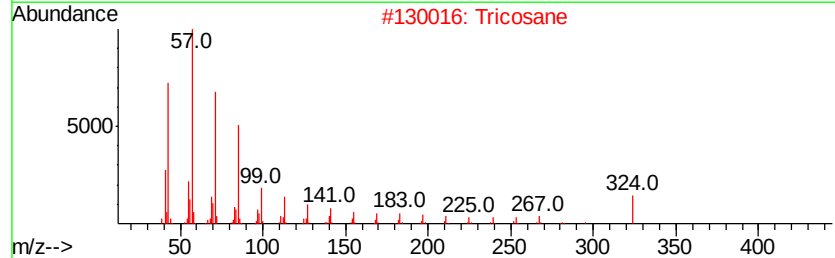
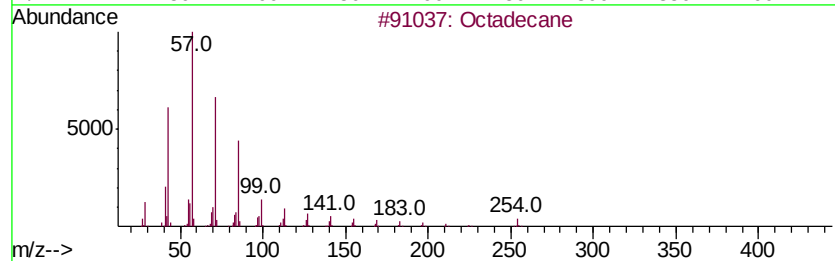
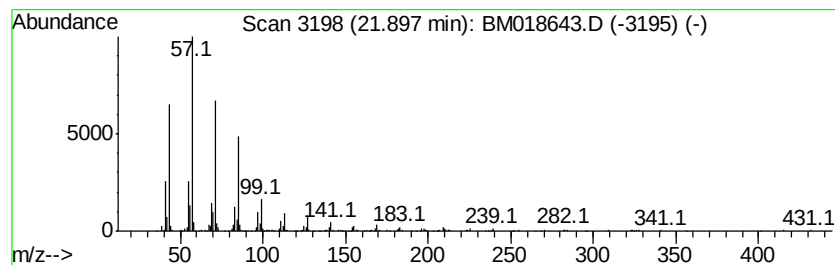
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	4.63 ng	695770	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	95
2	Tricosane		324	C23H48	000638-67-5	94
3	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	93
4	Tetracosane		338	C24H50	000646-31-1	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

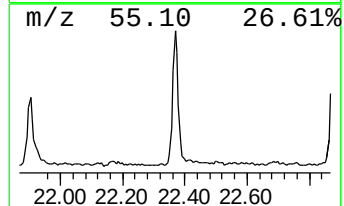
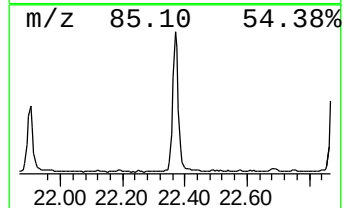
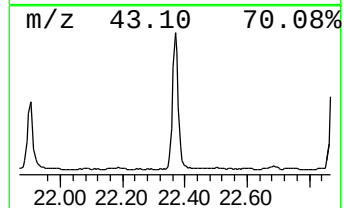
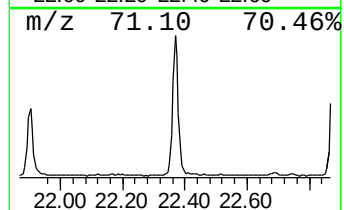
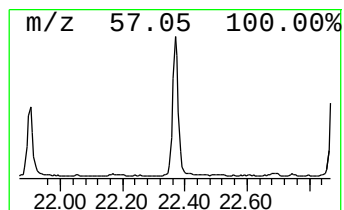
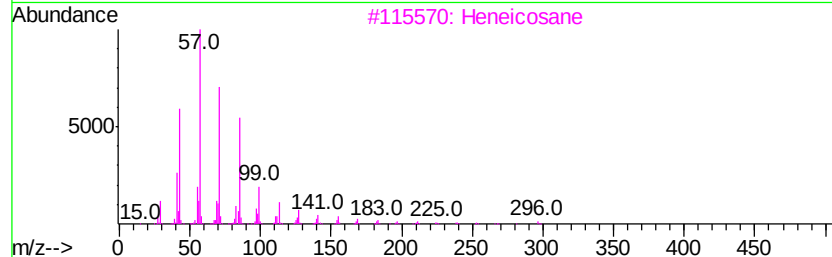
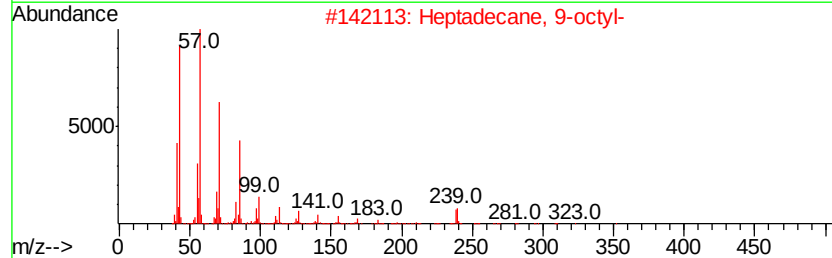
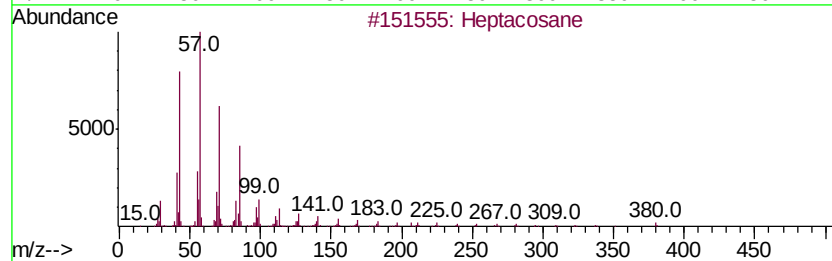
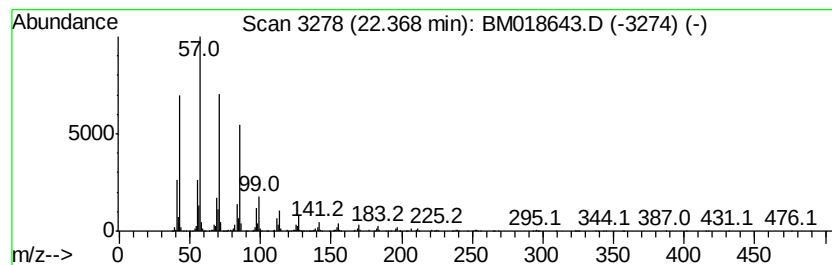
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

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 8 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.37	8.95 ng	1343180	Chrysene-d12		21.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

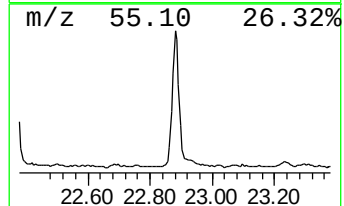
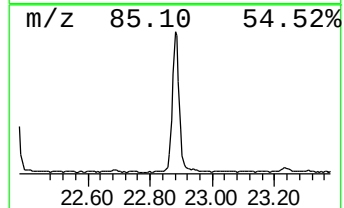
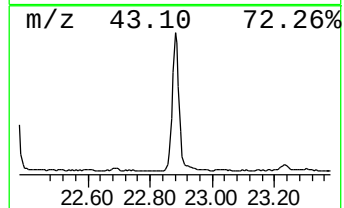
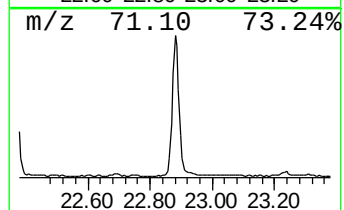
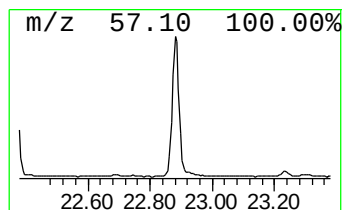
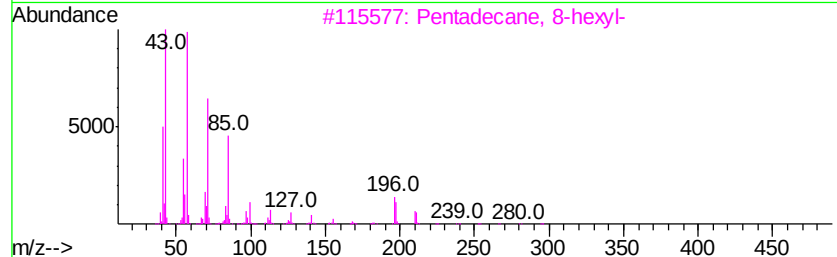
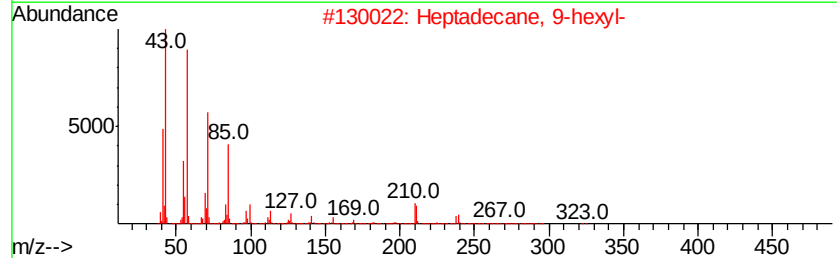
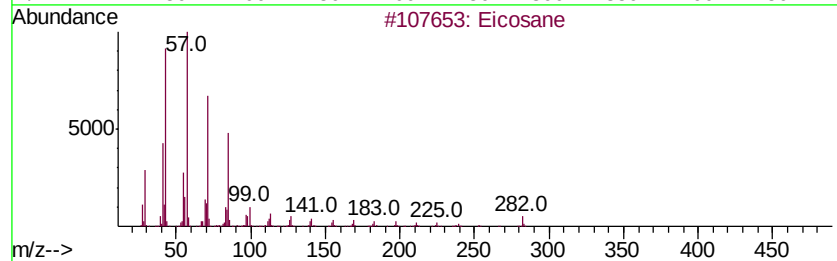
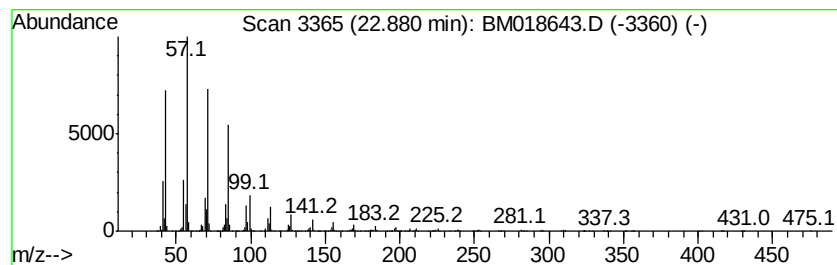
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

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 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	15.39 ng	2296480	Perylene-d12	23.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 95
2	Heptadecane, 9-hexyl-		324 C23H48	055124-79-3 94
3	Pentadecane, 8-hexyl-		296 C21H44	013475-75-7 94
4	Eicosane, 10-methyl-		296 C21H44	054833-23-7 93
5	Heptadecane, 9-octyl-		352 C25H52	007225-64-1 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

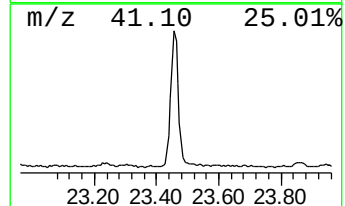
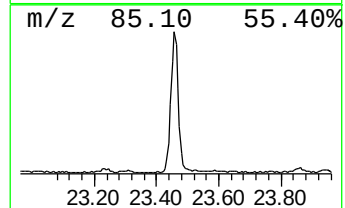
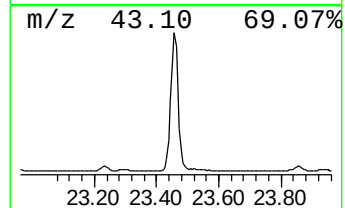
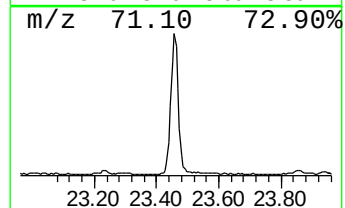
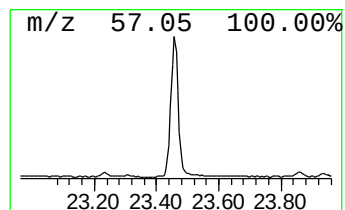
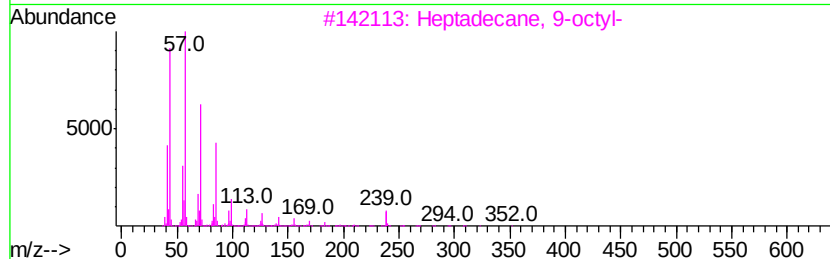
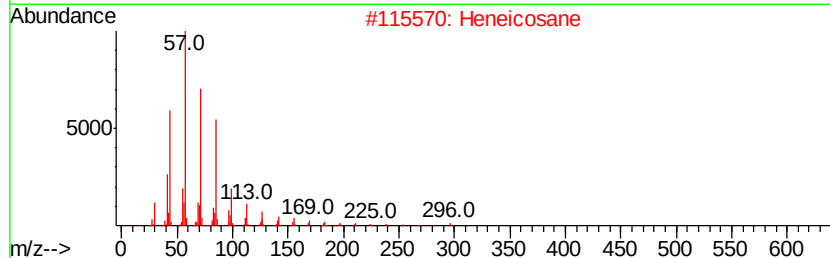
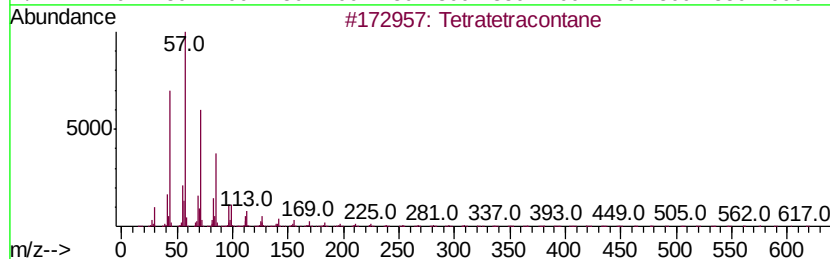
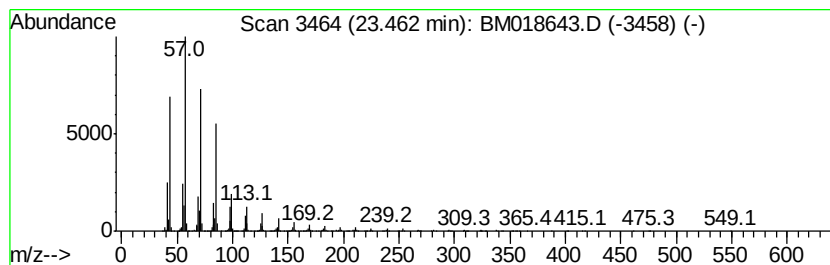
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	19.14 ng	2856440	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

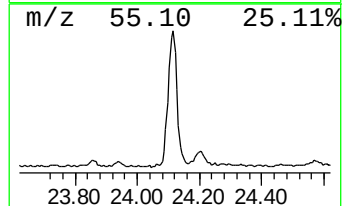
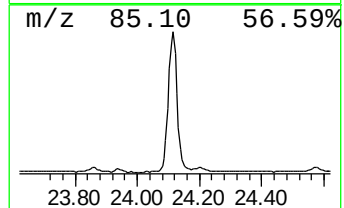
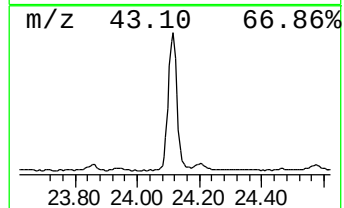
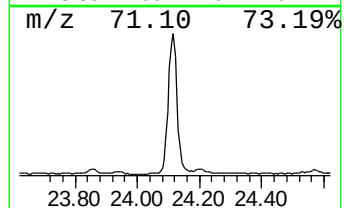
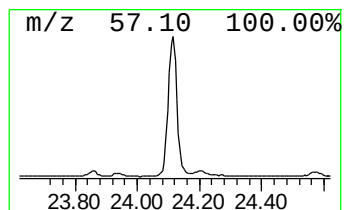
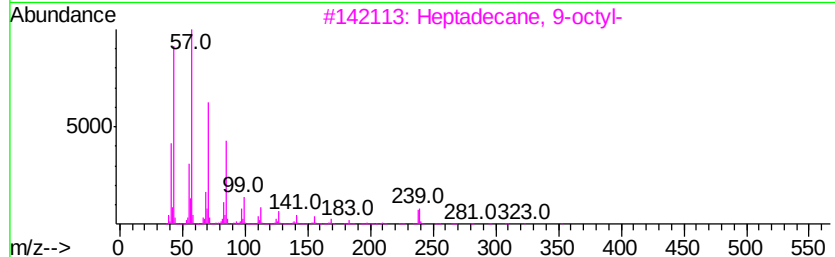
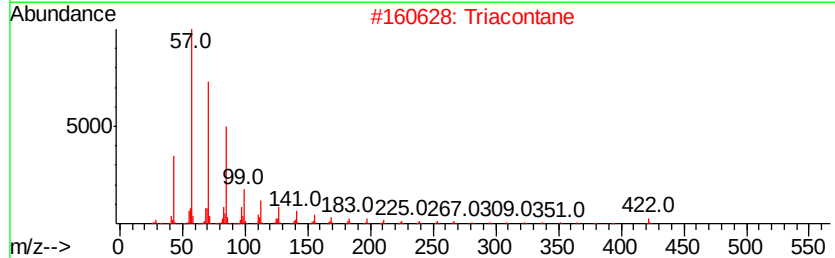
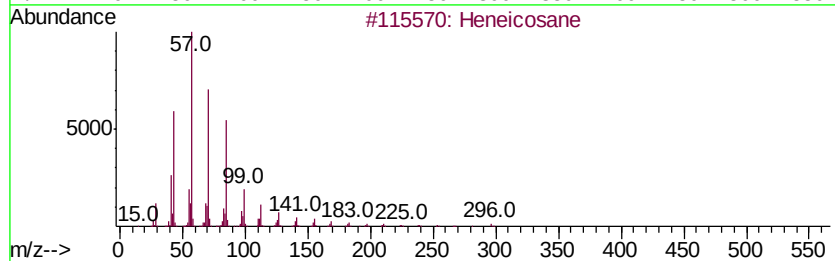
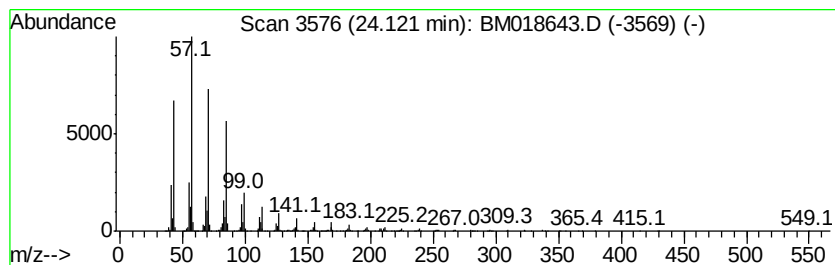
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	17.91 ng	2671590	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018643.D
Acq On : 18 Jan 2019 18:49
Operator : JU/SJ
Sample : K1188-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7

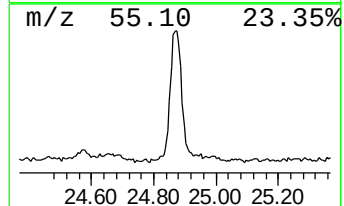
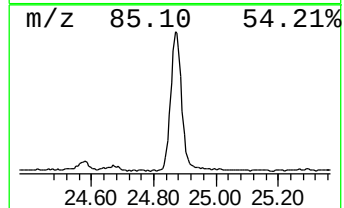
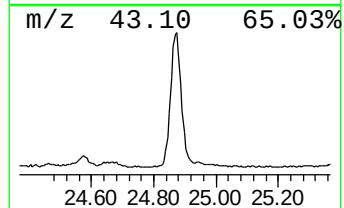
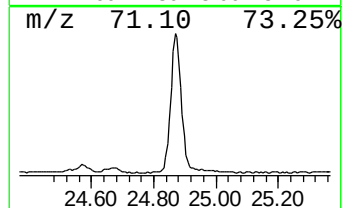
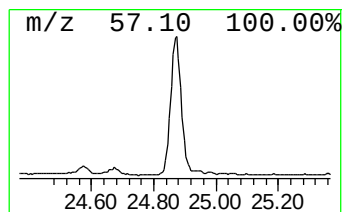
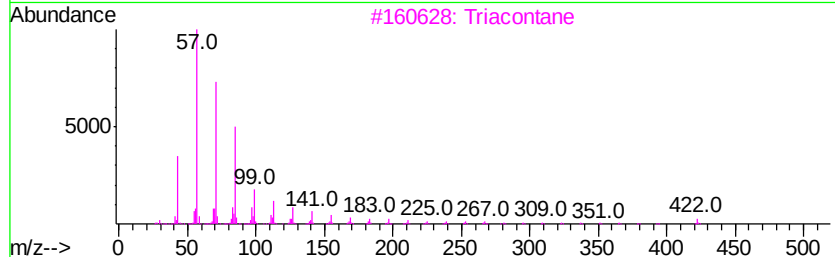
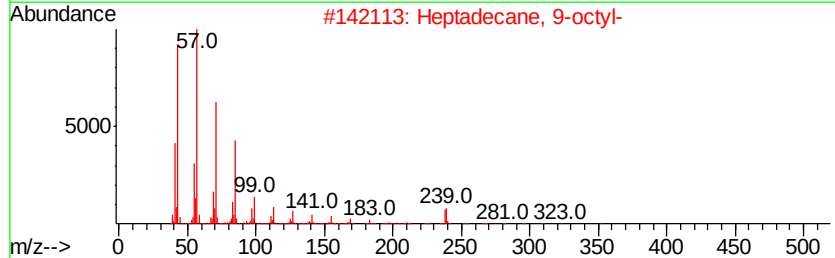
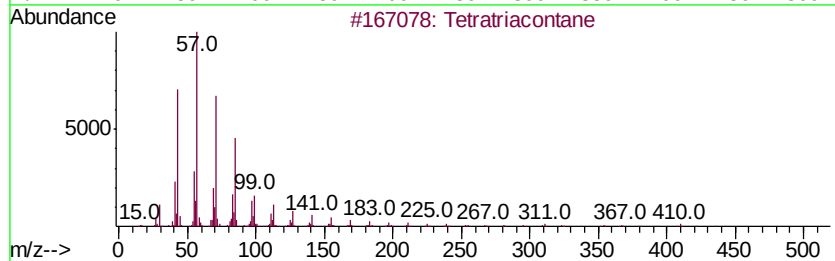
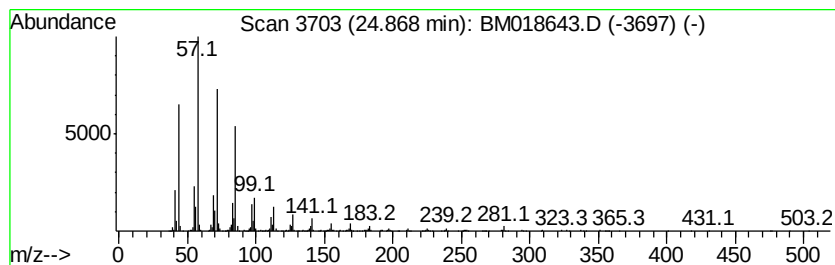
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetratriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	11.23 ng	1675310	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011819\
 Data File : BM018643.D
 Acq On : 18 Jan 2019 18:49
 Operator : JU/SJ
 Sample : K1188-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7

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	4.5	ng	301982	1	7.73	1330580	20.0
unknown7.27	7.27	98.9	ng	6579130	1	7.73	1330580	20.0
n-Hexadecanoic acid	18.02	11.8	ng	1418990	4	17.13	2409010	20.0
Octadecanoic acid	19.30	4.2	ng	633314	5	21.33	3003060	20.0
1-Hexadecanesulfo...	21.03	4.9	ng	729280	5	21.33	3003060	20.0
Octadecane	21.90	4.6	ng	695770	5	21.33	3003060	20.0
Heptacosane	22.37	8.9	ng	1343180	5	21.33	3003060	20.0
Eicosane	22.88	15.4	ng	2296480	6	23.60	2984180	20.0
Tetratetracontane	23.46	19.1	ng	2856440	6	23.60	2984180	20.0
Heneicosane	24.12	17.9	ng	2671590	6	23.60	2984180	20.0
Tetratriacontane	24.87	11.2	ng	1675310	6	23.60	2984180	20.0