

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037638.D
 Acq On : 30 Oct 2018 1:00
 Operator : JU/SJ
 Sample : J5665-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-04

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_G\METHODS\8270-BG101818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.185	318	323	330	rVB2	19534	33683	1.35%	0.182%
2	5.643	393	401	409	rBV	353844	597565	24.02%	3.226%
3	7.241	665	673	683	rBV	256537	474183	19.06%	2.560%
4	7.623	731	738	746	rBV	580772	1052941	42.33%	5.684%
5	8.099	812	819	832	rVB	208025	384622	15.46%	2.076%
6	8.422	866	874	883	rBV	489669	885329	35.59%	4.779%
7	9.280	1011	1020	1028	rBV	439450	827550	33.27%	4.467%
8	10.925	1292	1300	1310	rVB	309586	599791	24.11%	3.238%
9	13.358	1703	1714	1726	rBV	1302222	2079130	83.58%	11.224%
10	14.180	1847	1854	1861	rBV	298045	439454	17.67%	2.372%
11	14.733	1941	1948	1958	rBV2	537362	918591	36.93%	4.959%
12	16.219	2195	2201	2218	rBV	889679	1425723	57.32%	7.697%
13	16.407	2228	2233	2242	rVB5	18097	42446	1.71%	0.229%
14	17.195	2363	2367	2371	rBV2	19651	27272	1.10%	0.147%
15	17.482	2409	2416	2428	rBV	714888	1130128	45.43%	6.101%
16	17.829	2469	2475	2484	rBV9	21675	53708	2.16%	0.290%
17	18.340	2554	2562	2571	rBV	259252	421867	16.96%	2.277%
18	18.422	2571	2576	2582	rVB	172103	246567	9.91%	1.331%
19	18.652	2612	2615	2624	rVB	21078	37869	1.52%	0.204%
20	19.198	2703	2708	2714	rBV2	63628	131798	5.30%	0.712%
21	19.603	2772	2777	2785	rBV	86855	141099	5.67%	0.762%
22	20.079	2852	2858	2870	rBV	1825266	2487500	100.00%	13.429%
23	20.356	2899	2905	2908	rBV4	31653	51310	2.06%	0.277%
24	20.696	2959	2963	2966	rBV3	19172	27962	1.12%	0.151%
25	20.849	2986	2989	2993	rBV2	28649	34450	1.38%	0.186%
26	21.372	3072	3078	3093	rBV	281494	651205	26.18%	3.515%
27	21.619	3117	3120	3126	rVB3	21157	35308	1.42%	0.191%
28	21.766	3138	3145	3155	rBV2	648523	1128777	45.38%	6.094%
29	21.918	3166	3171	3176	rBV2	46266	64208	2.58%	0.347%
30	22.541	3272	3277	3282	rBV	60912	101285	4.07%	0.547%
31	23.252	3392	3398	3406	rVB	81944	161400	6.49%	0.871%
32	23.452	3425	3432	3440	rVB	77565	156086	6.27%	0.843%
33	24.081	3532	3539	3547	rVB	82994	197700	7.95%	1.067%
34	25.097	3696	3712	3725	rBV3	348204	1277179	51.34%	6.895%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP-04

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_G\METHODS\8270-BG101818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	26.231	3896	3905	3915	rVB4	51897	160392	6.45%	0.866%
36	26.395	3926	3933	3935	rBV7	16362	37831	1.52%	0.204%

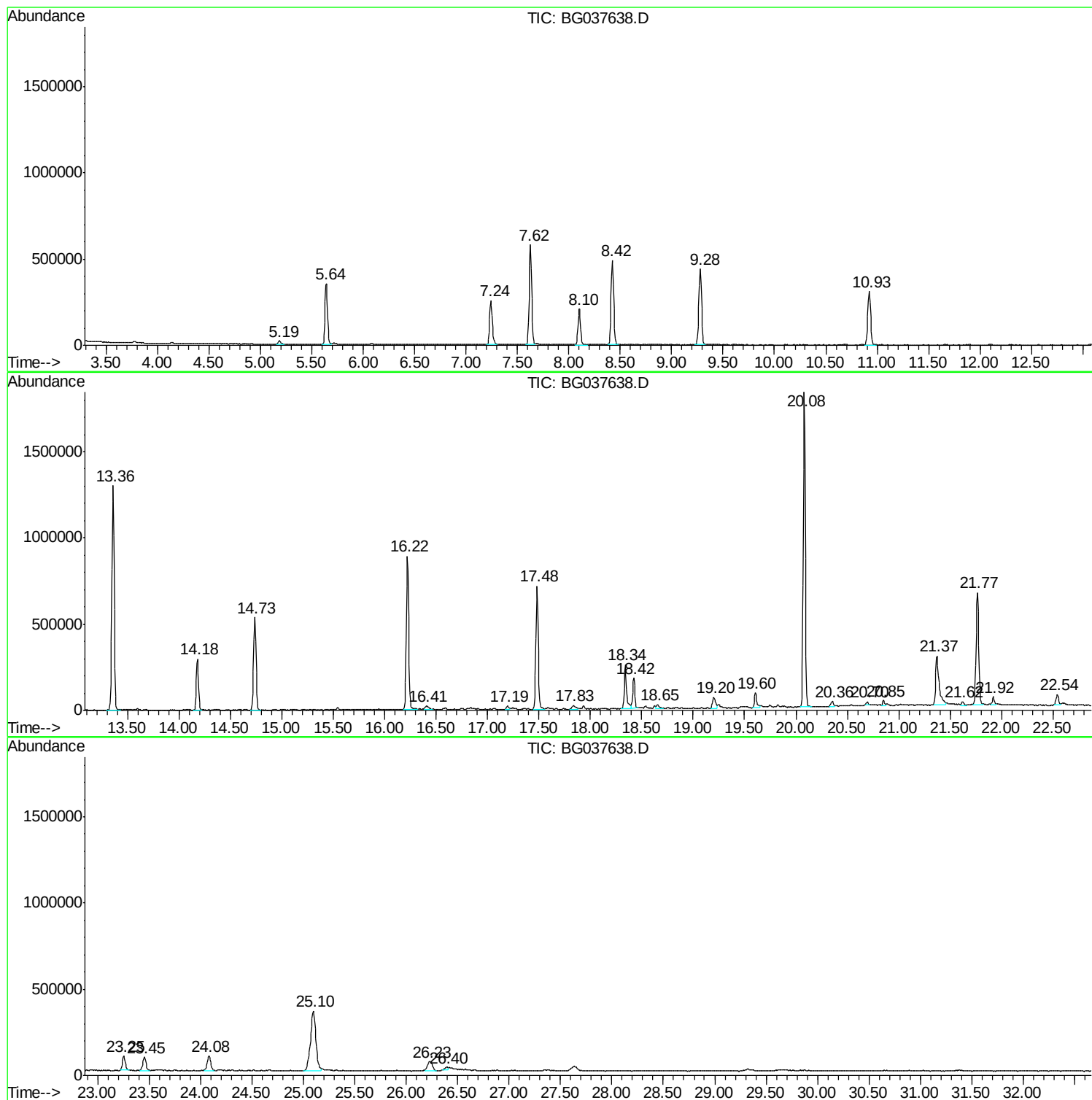
Sum of corrected areas: 18523909

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.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 G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
TWP-04

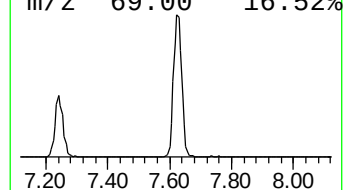
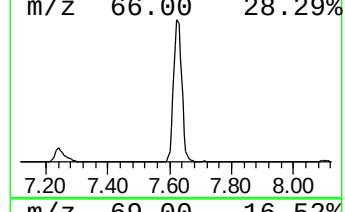
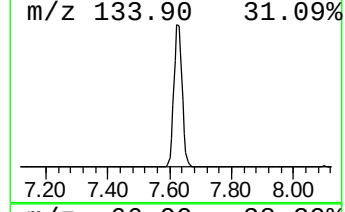
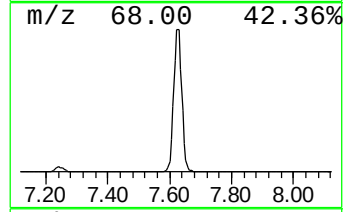
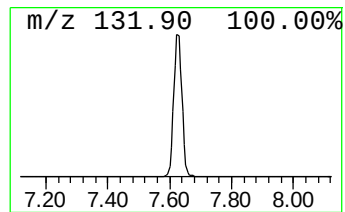
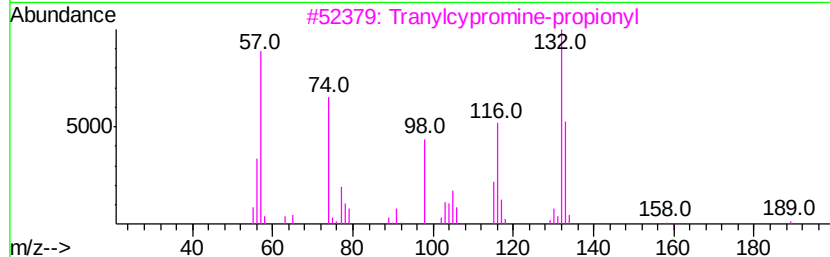
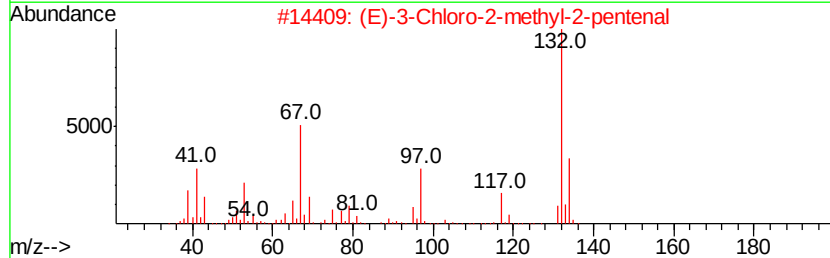
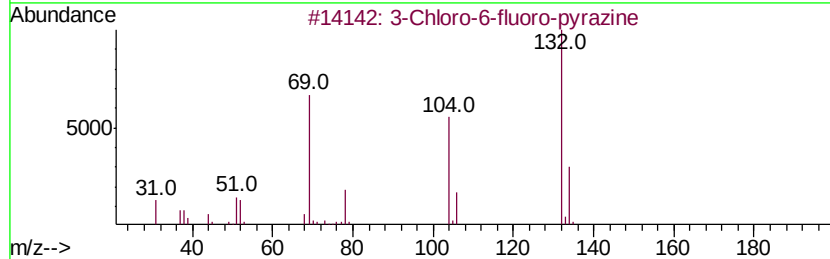
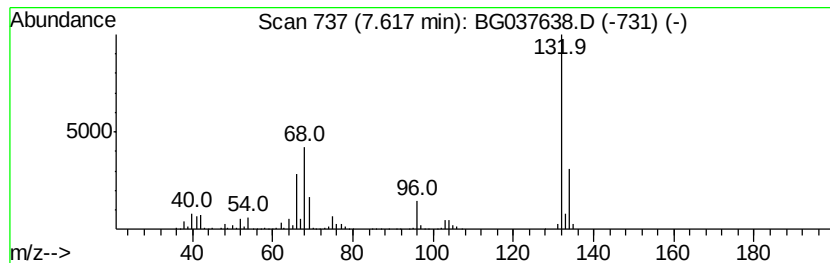
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	54.75 ng	1052940	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	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 G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

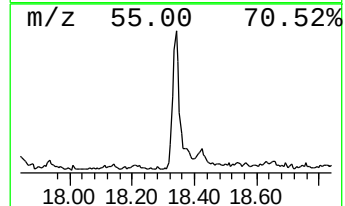
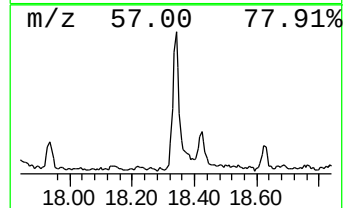
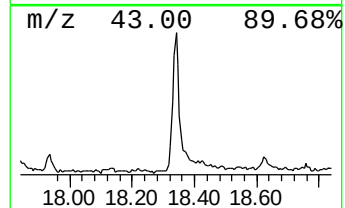
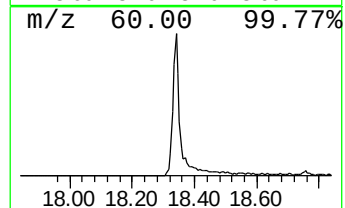
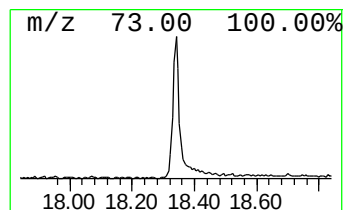
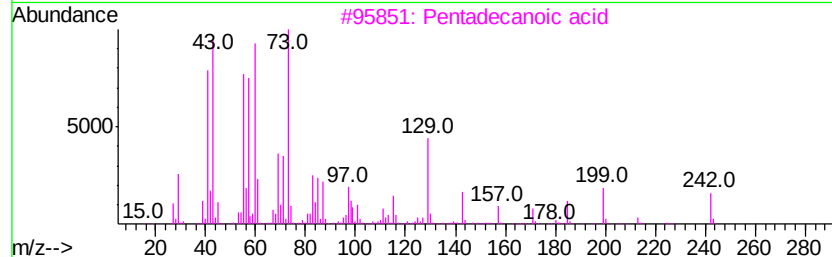
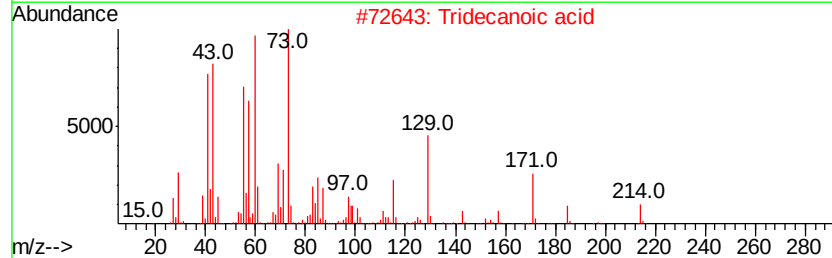
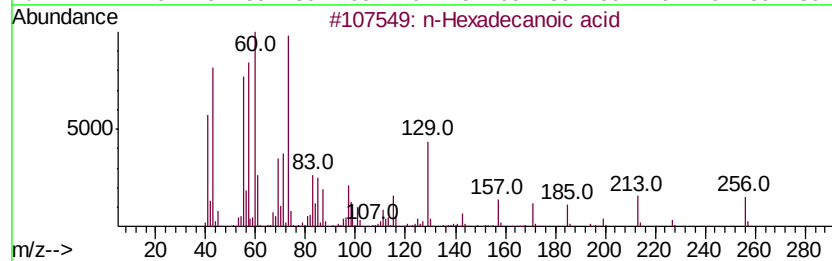
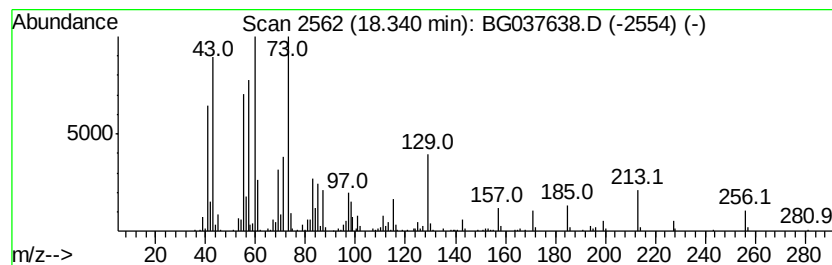
Instrument :
BNA_G
ClientSampleId :
TWP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.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 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.34	7.47 ng	421867	Phenanthrene-d10		17.48
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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP-04

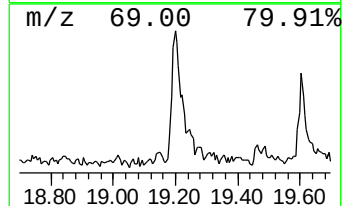
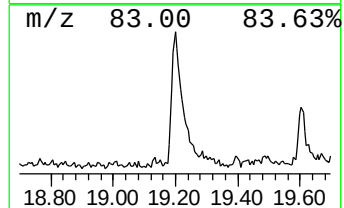
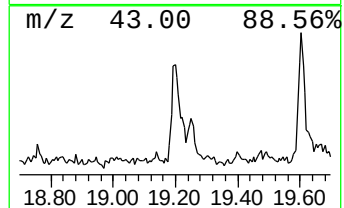
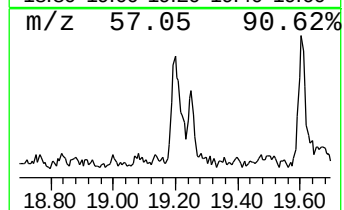
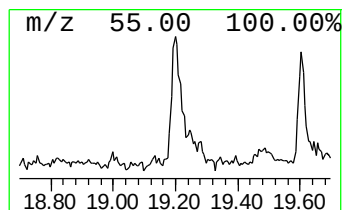
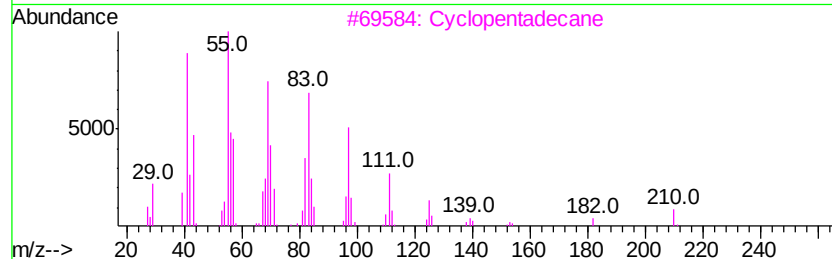
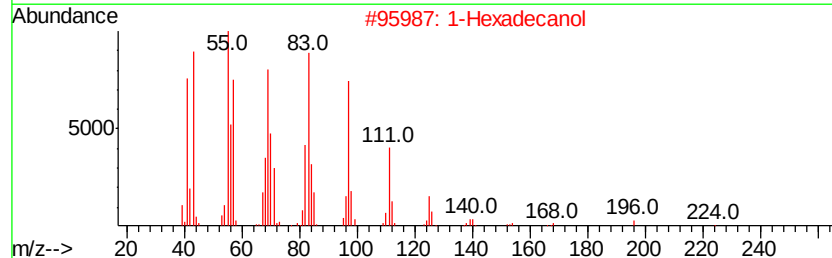
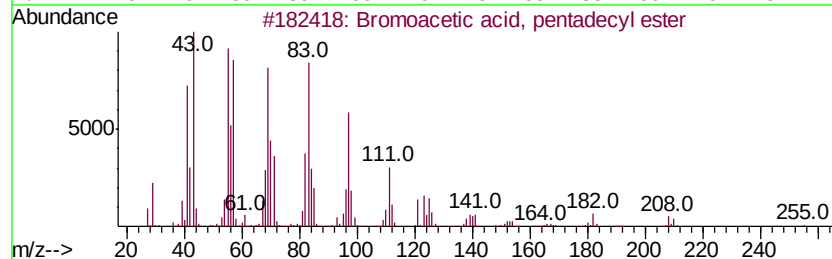
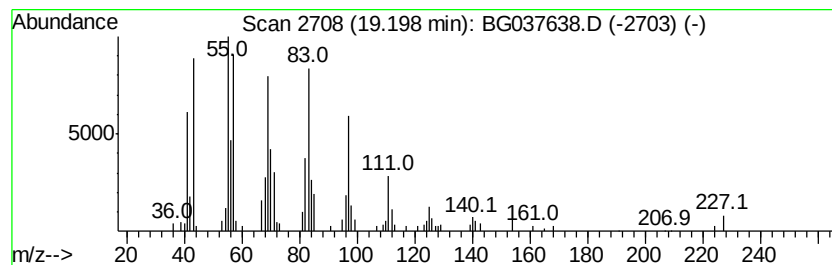
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Bromoacetic acid, pentadecyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.33 ng	131798	Phenanthrene-d10	17.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		Cyclopentadecane	210	C15H30	000295-48-7	91
4		Cyclohexadecane	224	C16H32	000295-65-8	91
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

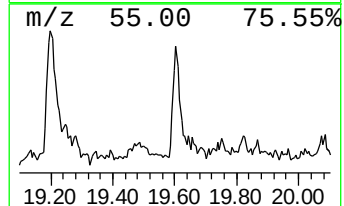
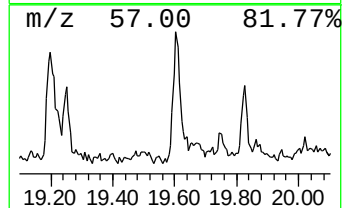
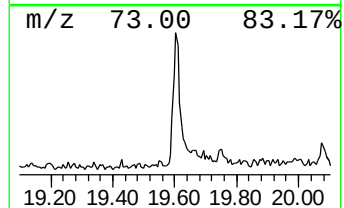
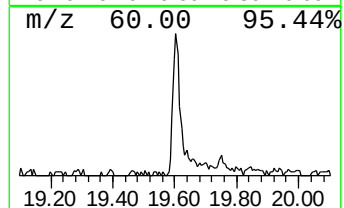
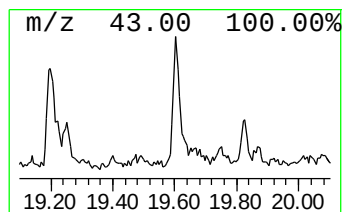
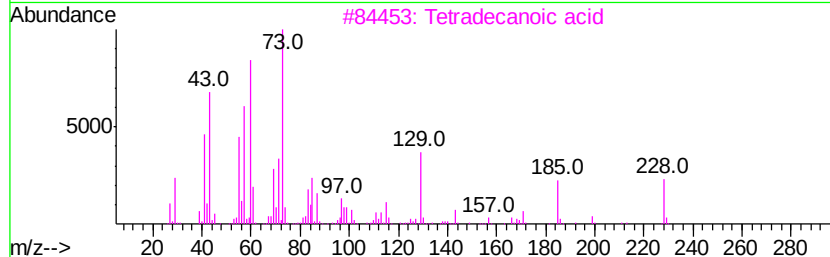
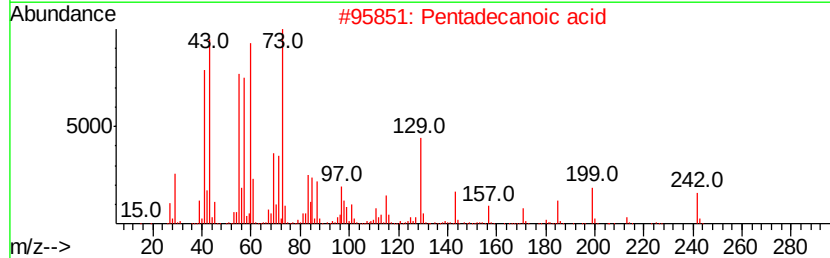
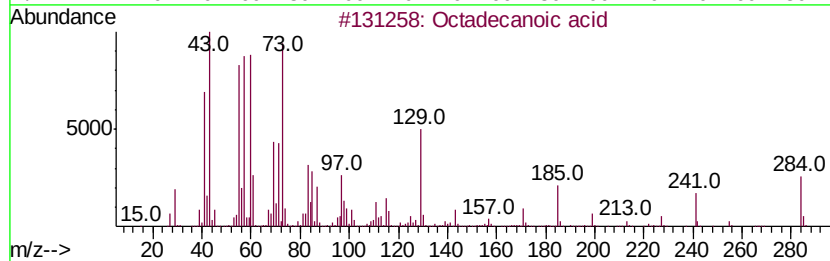
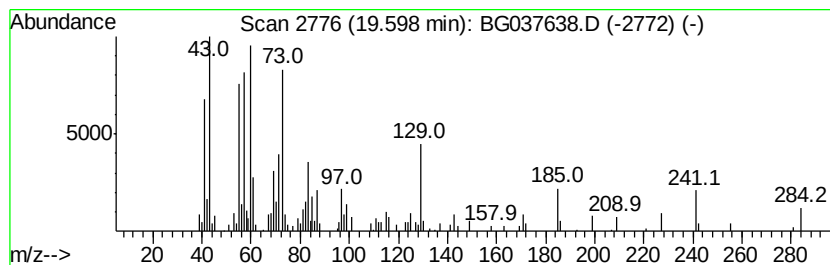
Instrument :
BNA_G
ClientSampleId :
TWP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.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 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.60	2.50 ng	141099	Phenanthrene-d10	17.48	
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	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP-04

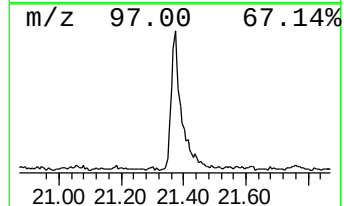
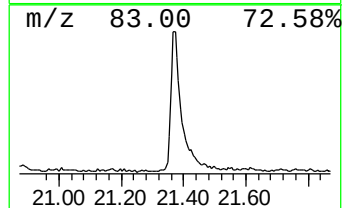
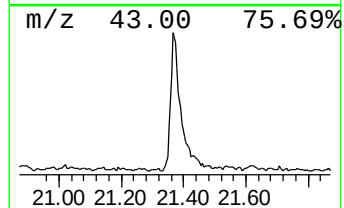
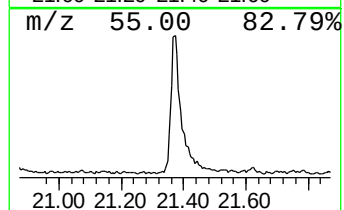
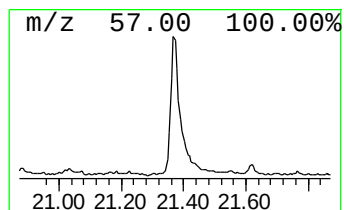
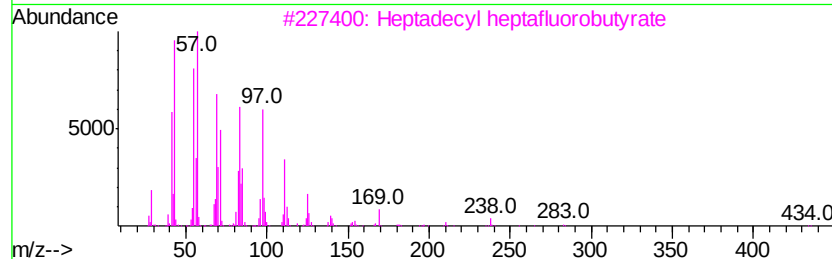
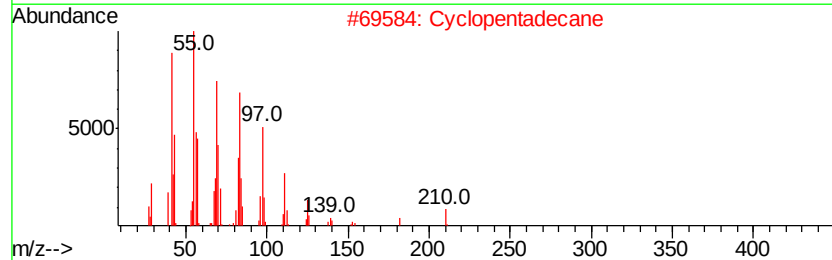
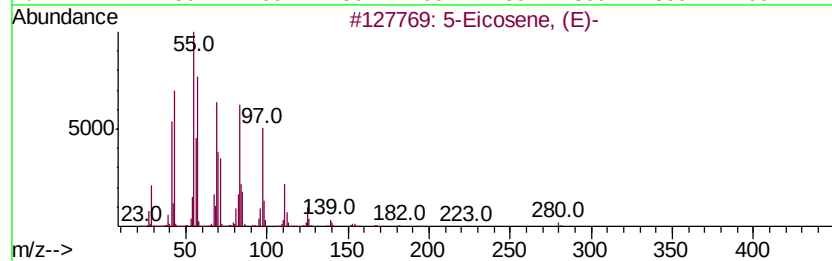
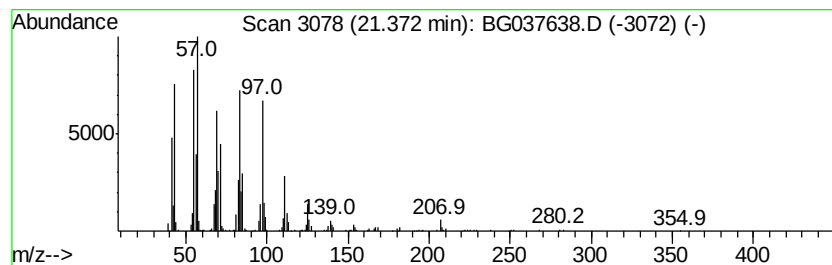
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	11.54 ng	651205	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		Cyclopentadecane	210	C15H30	000295-48-7	96
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP-04

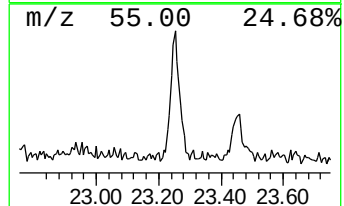
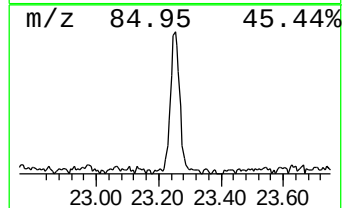
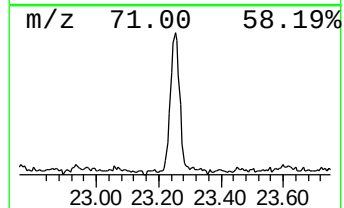
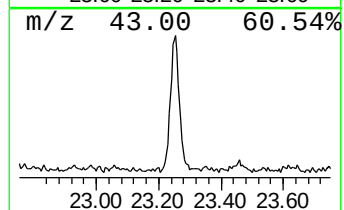
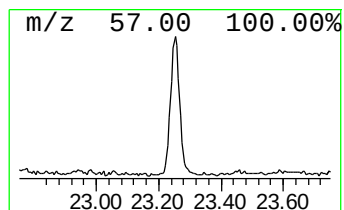
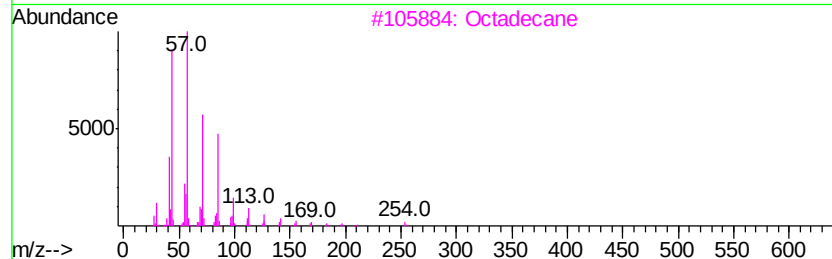
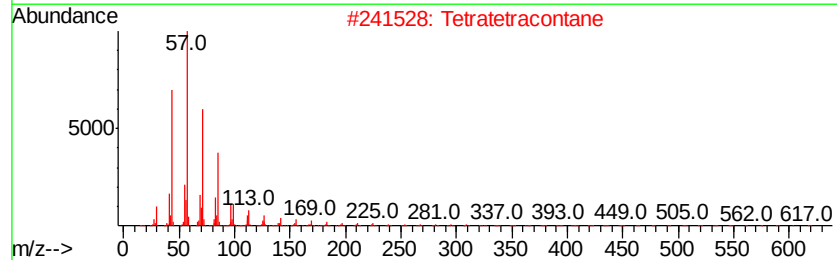
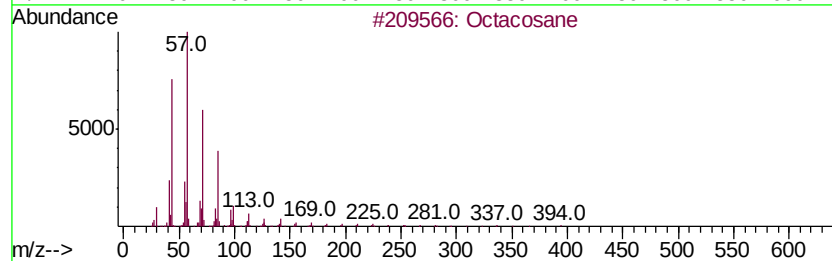
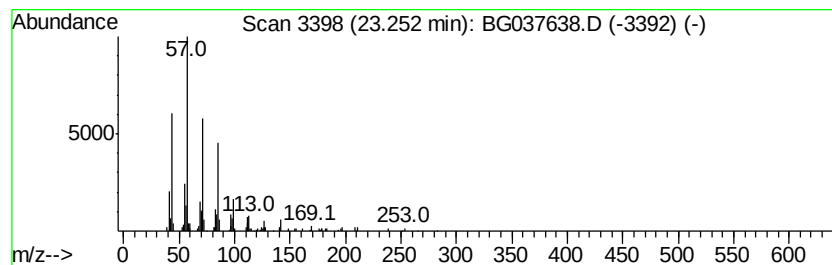
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.86 ng	161400	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP-04

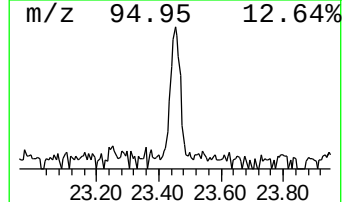
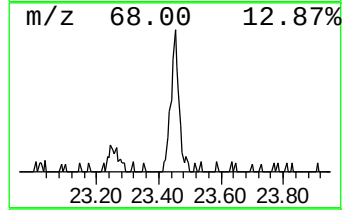
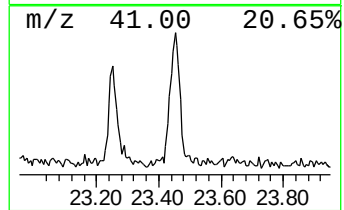
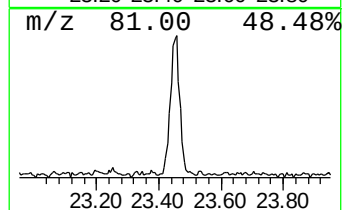
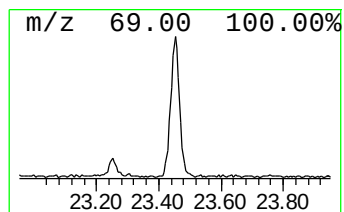
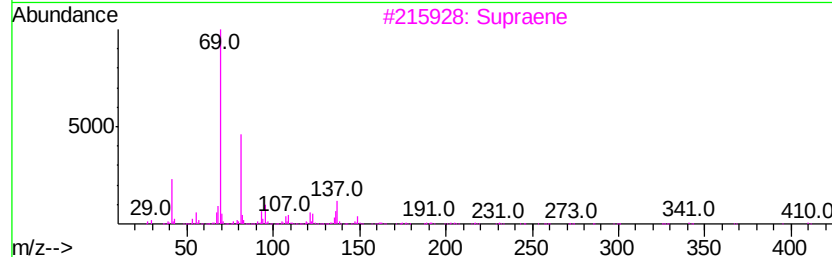
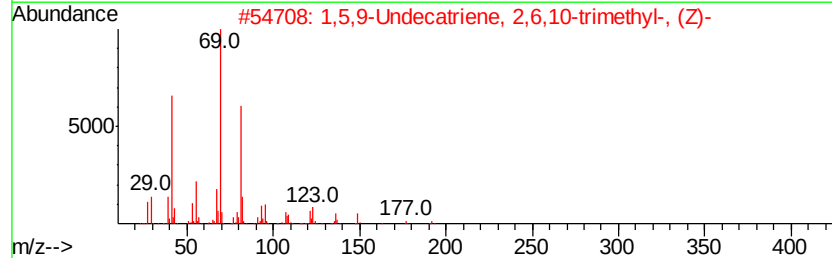
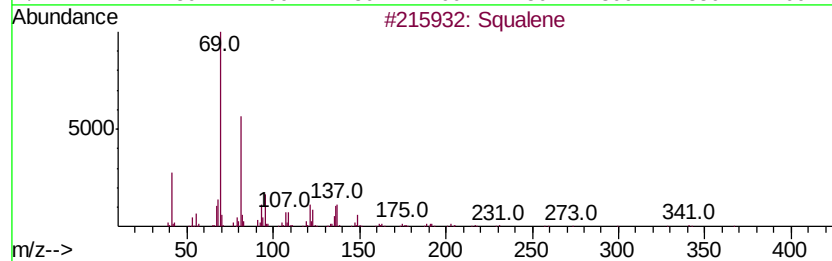
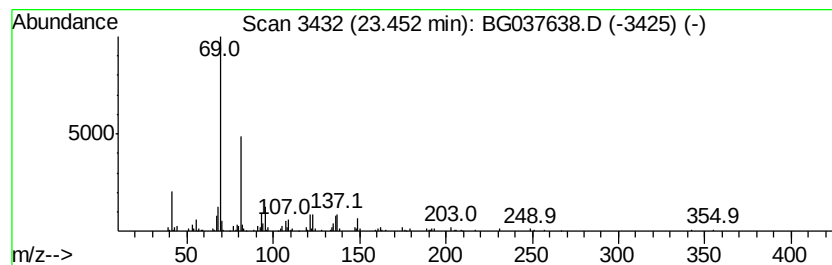
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.45	2.44 ng	156086	Perylene-d12	25.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	90
3		Supraene	410	C30H50	007683-64-9	87
4		6,10,14-Hexadecatrien-1-ol, 3,7,...	292	C20H36O	036237-66-8	78
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP-04

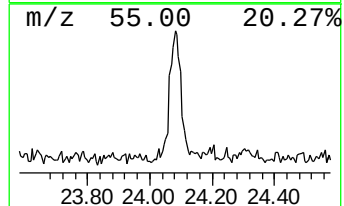
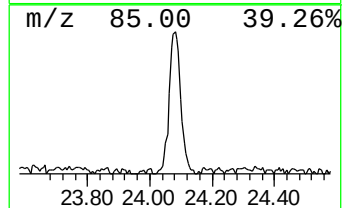
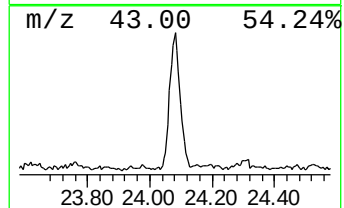
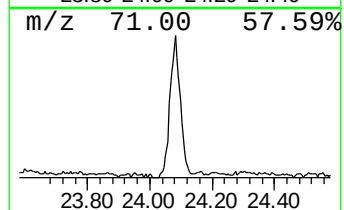
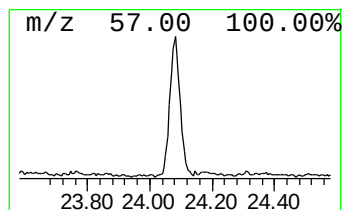
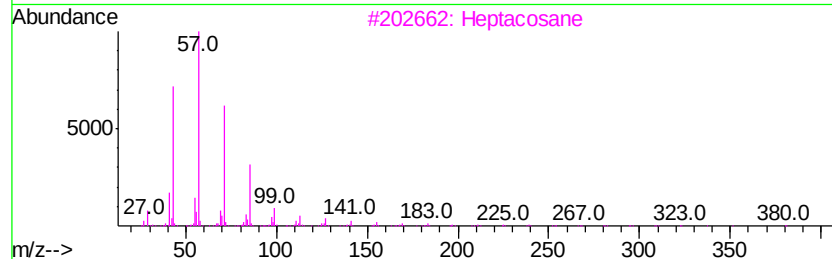
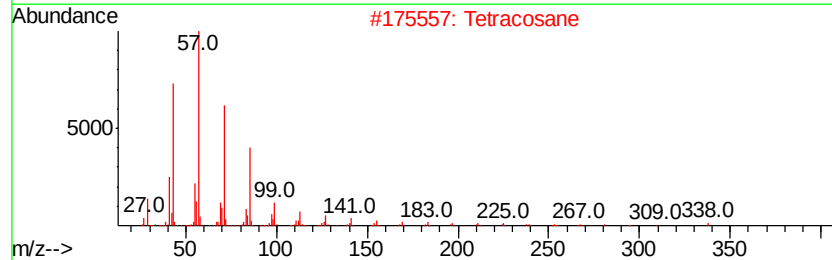
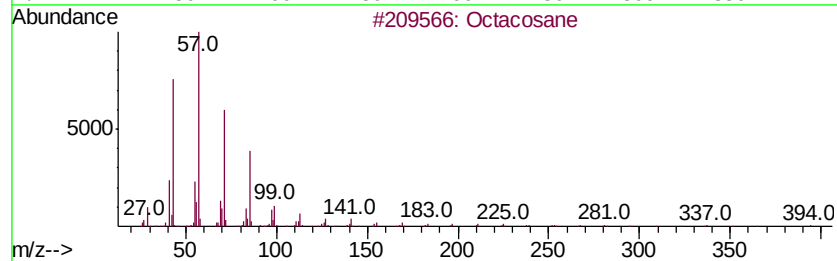
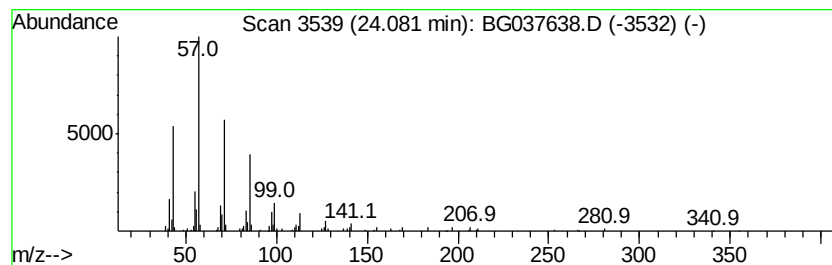
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	3.10 ng	197700	Perylene-d12	25.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP-04

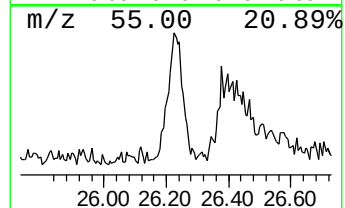
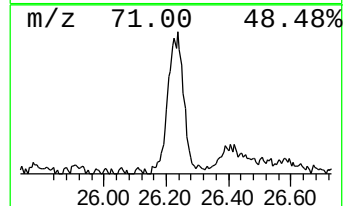
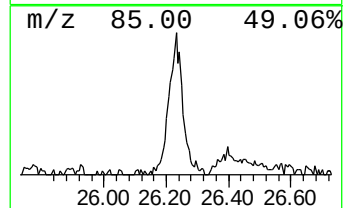
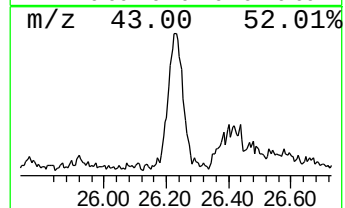
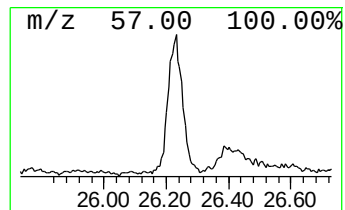
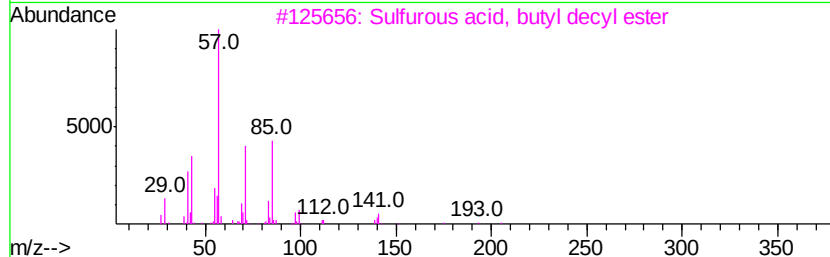
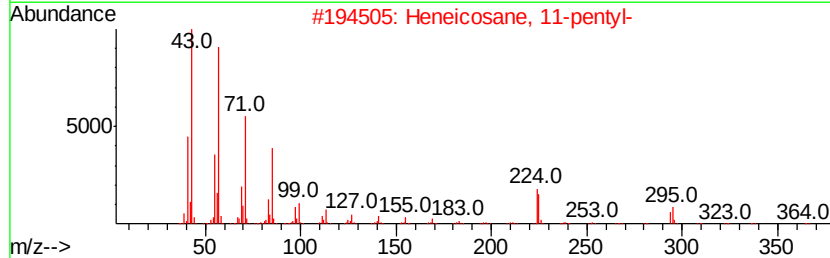
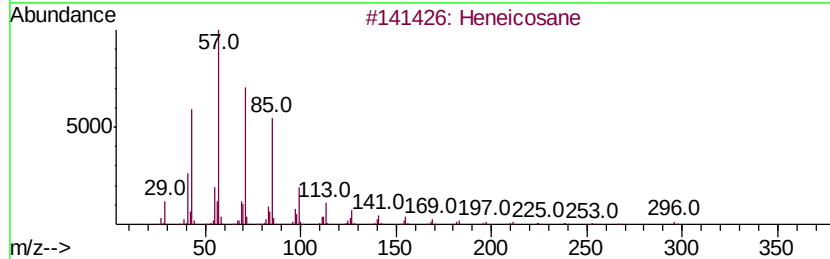
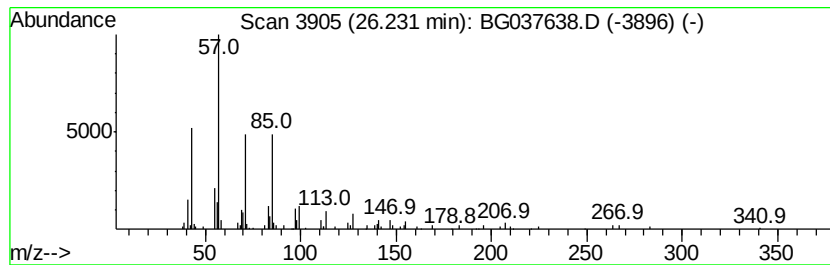
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	2.51 ng	160392	Perylene-d12	25.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86
3			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	83
4			Nonadecane	268	C19H40	000629-92-5	80
5			Hentriacontane	437	C31H64	000630-04-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102918\
Data File : BG037638.D
Acq On : 30 Oct 2018 1:00
Operator : JU/SJ
Sample : J5665-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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
unknown7.62	7.62	54.8	ng	1052940	1	8.11	384622	20.0
n-Hexadecanoic acid	18.34	7.5	ng	421867	4	17.48	1130130	20.0
Bromoacetic acid,...	19.20	2.3	ng	131798	4	17.48	1130130	20.0
Octadecanoic acid	19.60	2.5	ng	141099	4	17.48	1130130	20.0
5-Eicosene, (E)-	21.37	11.5	ng	651205	5	21.77	1128780	20.0
Octacosane	23.25	2.9	ng	161400	5	21.77	1128780	20.0
Squalene	23.45	2.4	ng	156086	6	25.10	1277180	20.0
Tetracosane	24.08	3.1	ng	197700	6	25.10	1277180	20.0
Heneicosane	26.23	2.5	ng	160392	6	25.10	1277180	20.0