

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
 Data File : BG041562.D
 Acq On : 1 Jul 2019 17:03
 Operator : HP/JU
 Sample : K3573-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SR-SOIL-COMP-1

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-BG062619.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	4.559	246	250	256	rVB	17090	24504	1.06%	0.223%
2	5.570	416	422	436	rBV	433230	719319	31.08%	6.547%
3	7.192	691	698	713	rBV	461740	813563	35.15%	7.405%
4	7.556	754	760	775	rVB	453553	807873	34.90%	7.353%
5	8.026	834	840	850	rVB	98674	180248	7.79%	1.641%
6	8.349	889	895	903	rBV	356473	614095	26.53%	5.590%
7	9.213	1035	1042	1051	rBV	265589	502290	21.70%	4.572%
8	10.852	1315	1321	1331	rBV	113664	212297	9.17%	1.932%
9	13.296	1730	1737	1748	rBV	749398	1188183	51.34%	10.815%
10	14.119	1872	1877	1888	rBV	70742	118066	5.10%	1.075%
11	14.677	1965	1972	1981	rBV2	198012	321411	13.89%	2.926%
12	16.169	2219	2226	2238	rBV	653640	1065996	46.06%	9.703%
13	17.427	2433	2440	2453	rBV	282151	458327	19.80%	4.172%
14	18.279	2580	2585	2597	rBV3	39848	74421	3.22%	0.677%
15	20.024	2876	2882	2895	rBV	1806250	2314514	100.00%	21.067%
16	21.299	3094	3099	3110	rBV4	28292	73187	3.16%	0.666%
17	21.698	3159	3167	3179	rBV	384959	653973	28.26%	5.953%
18	22.444	3289	3294	3299	rVB3	16789	26824	1.16%	0.244%
19	23.138	3406	3412	3418	rBV3	24759	50589	2.19%	0.460%
20	23.948	3543	3550	3556	rBV4	30516	69002	2.98%	0.628%
21	24.894	3707	3711	3716	rBV5	17672	40636	1.76%	0.370%
22	24.983	3717	3726	3740	rVB2	204920	599644	25.91%	5.458%
23	26.034	3899	3905	3916	rVB8	18950	57299	2.48%	0.522%

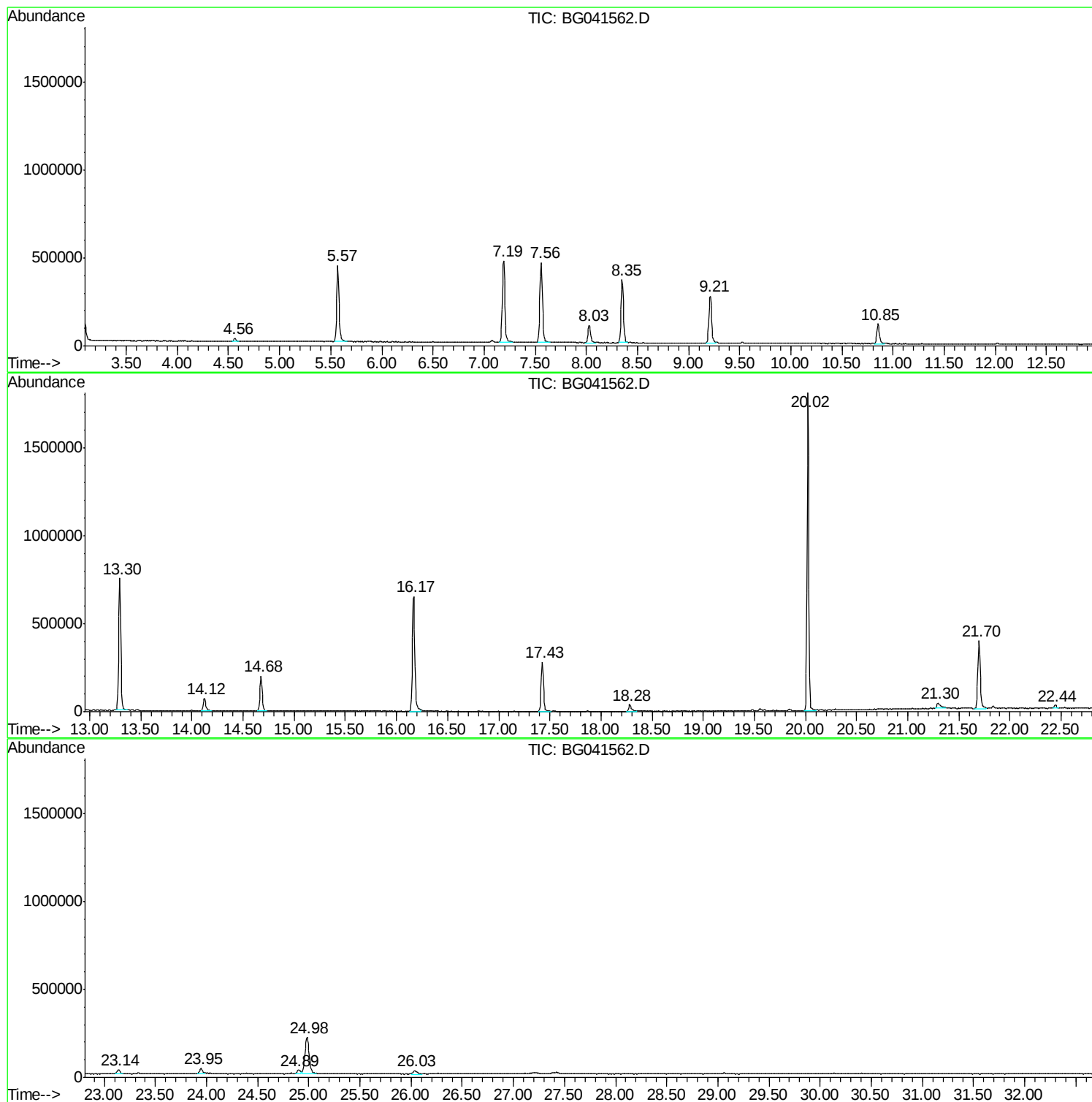
Sum of corrected areas: 10986261

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041562.D
Acq On : 1 Jul 2019 17:03
Operator : HP/JU
Sample : K3573-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SR-SOIL-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.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\BG070119\
Data File : BG041562.D
Acq On : 1 Jul 2019 17:03
Operator : HP/JU
Sample : K3573-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SR-SOIL-COMP-1

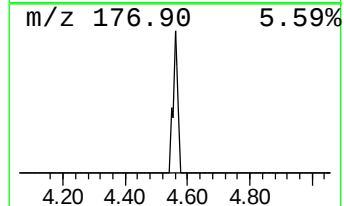
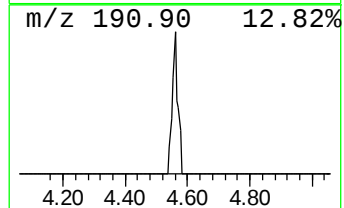
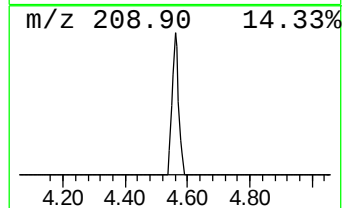
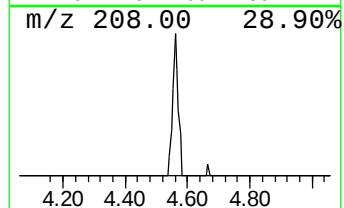
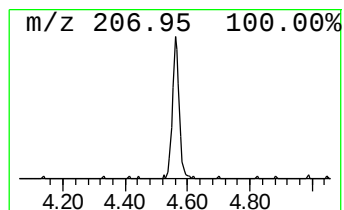
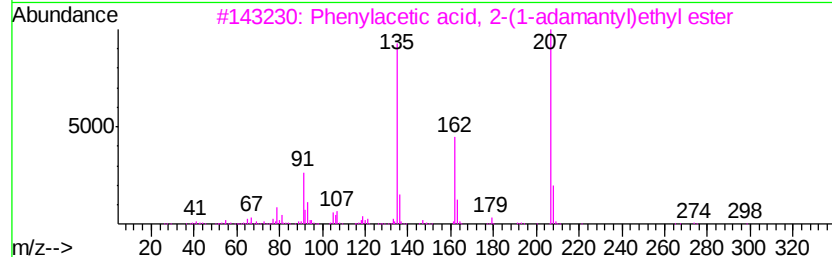
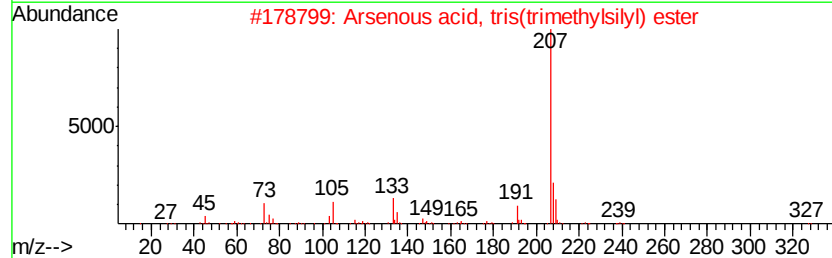
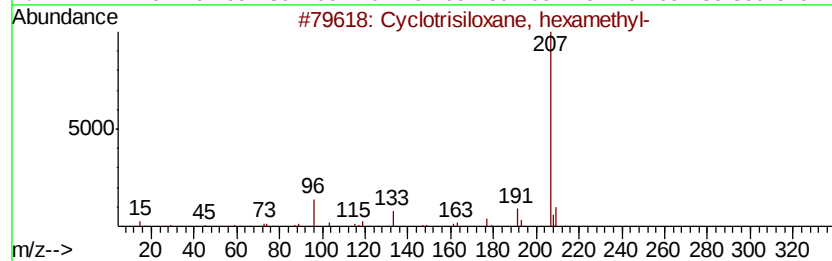
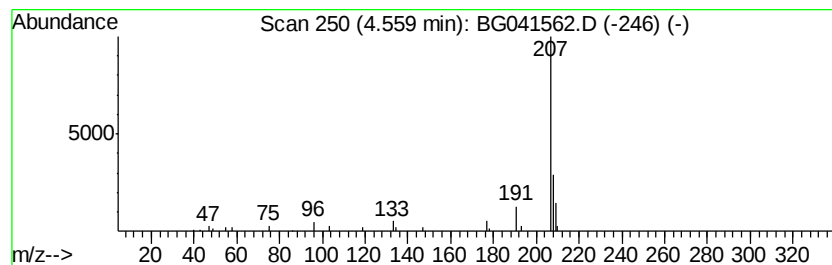
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	2.72 ng	24504	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
2		Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3		Phenylacetic acid, 2-(1-adamantyl)...	298	C20H26O2	1000282-91-2	38
4		2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	7
5		2-Ethylacridine	207	C15H13N	055751-83-2	7



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041562.D
Acq On : 1 Jul 2019 17:03
Operator : HP/JU
Sample : K3573-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SR-SOIL-COMP-1

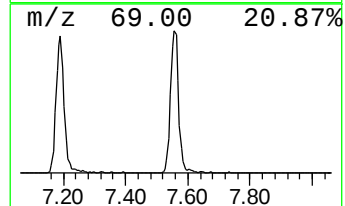
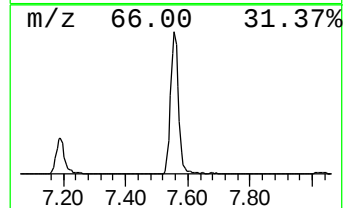
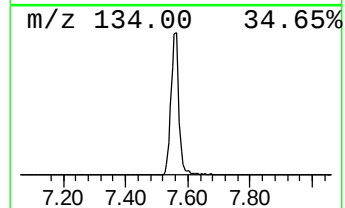
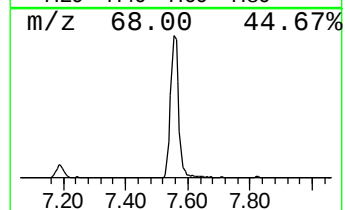
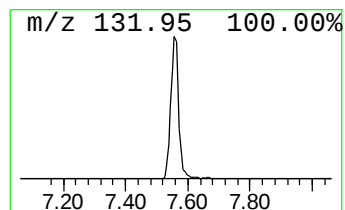
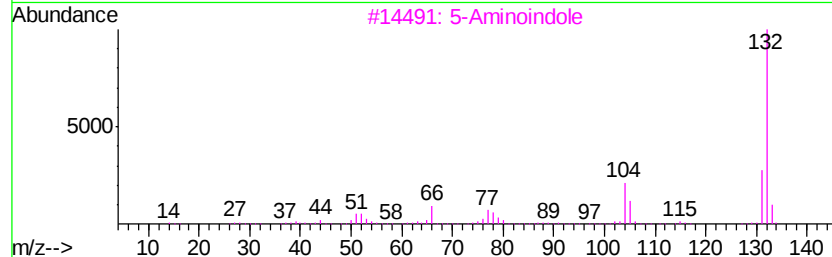
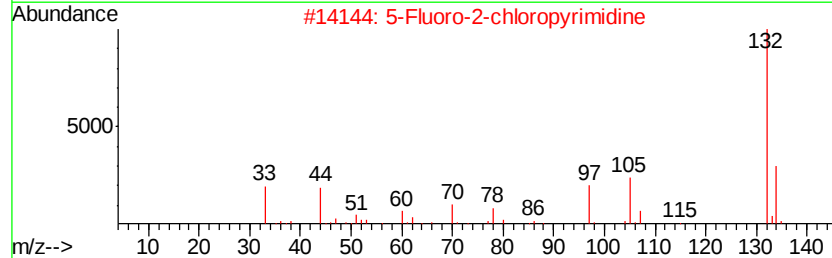
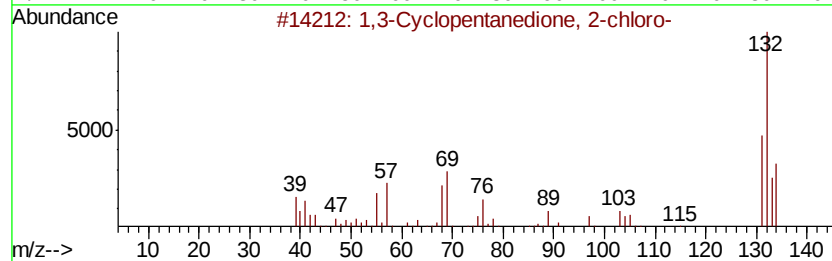
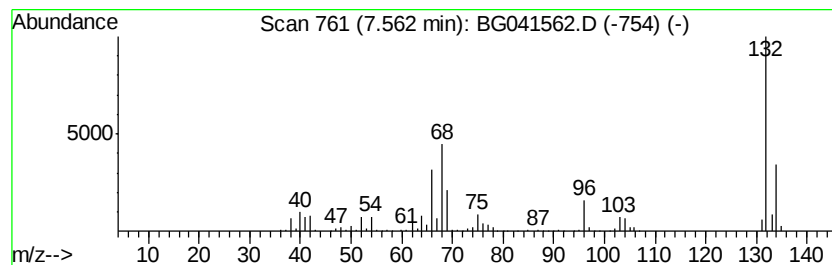
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	89.64 ng	807873	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041562.D
Acq On : 1 Jul 2019 17:03
Operator : HP/JU
Sample : K3573-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SR-SOIL-COMP-1

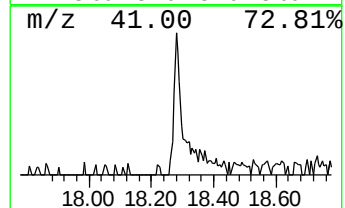
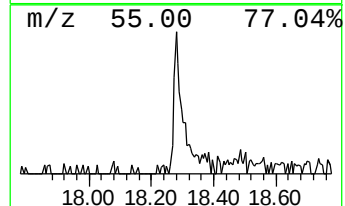
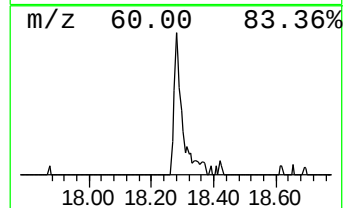
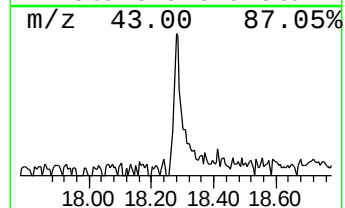
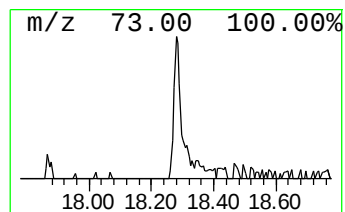
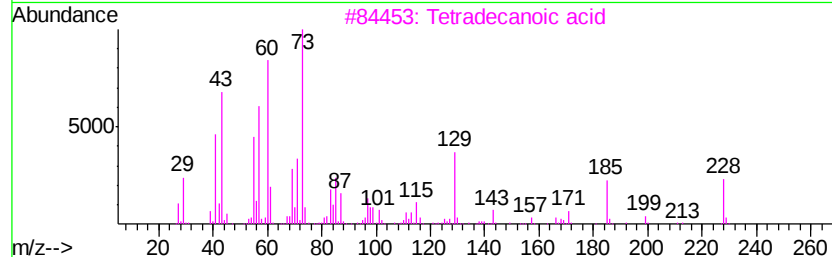
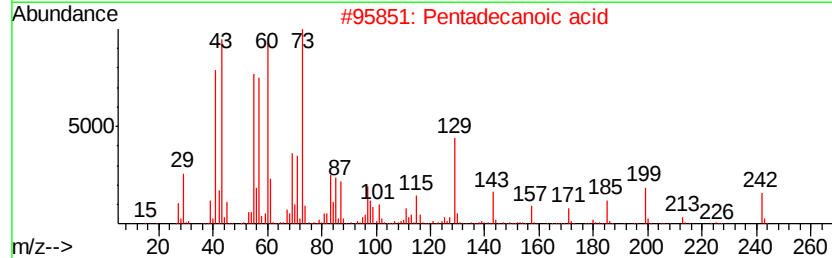
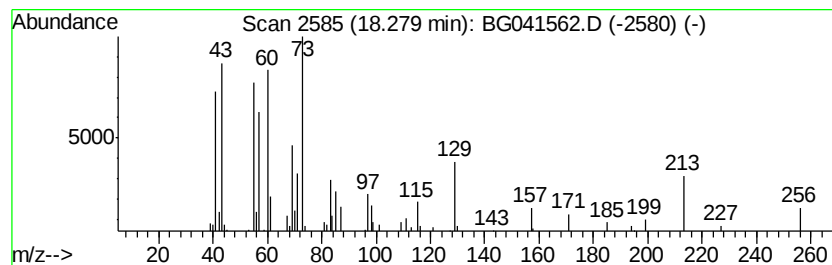
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.25 ng	74421	Phenanthrene-d10	17.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041562.D
Acq On : 1 Jul 2019 17:03
Operator : HP/JU
Sample : K3573-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

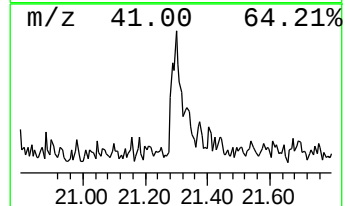
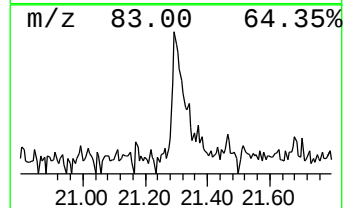
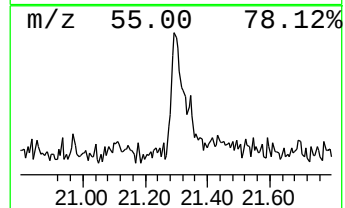
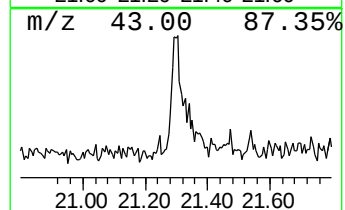
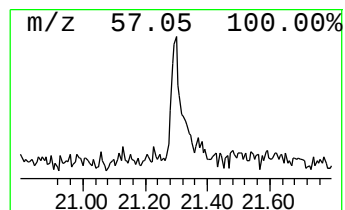
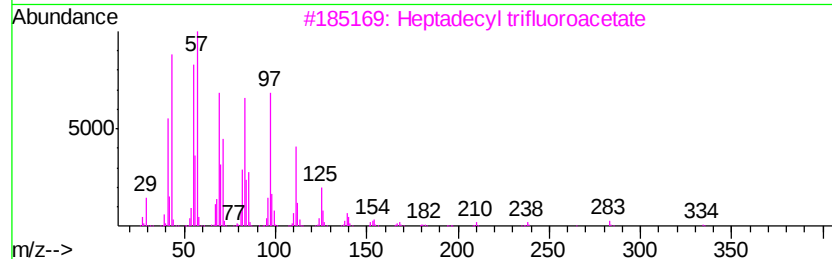
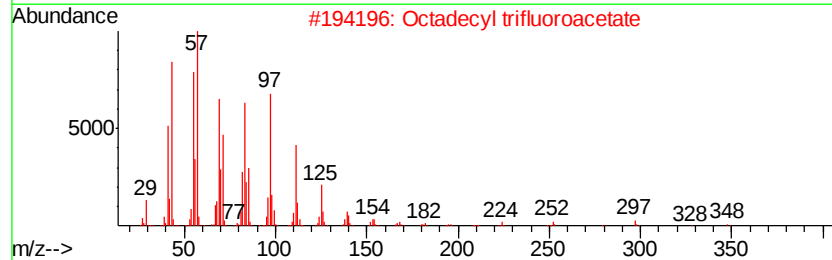
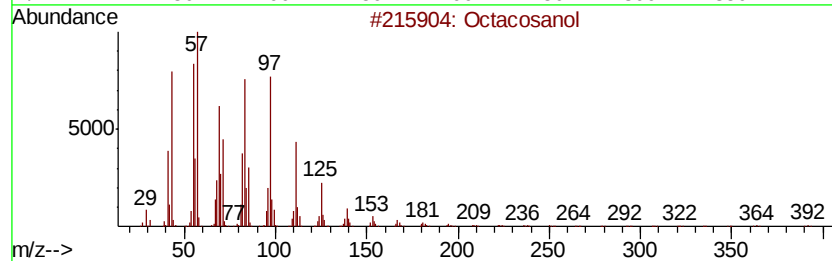
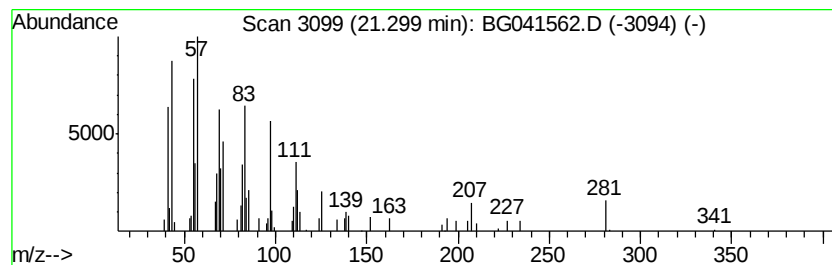
Instrument :
BNA_G
ClientSampleId :
SR-SOIL-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.24 ng	73187	Chrysene-d12	21.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosanol	410 C28H58O	000557-61-9 87
2		Octadecyl trifluoroacetate	366 C20H37F3O2	079392-43-1 83
3		Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0 83
4		Heptacosyl acetate	438 C29H58O2	1000351-78-2 83
5		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041562.D
Acq On : 1 Jul 2019 17:03
Operator : HP/JU
Sample : K3573-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SR-SOIL-COMP-1

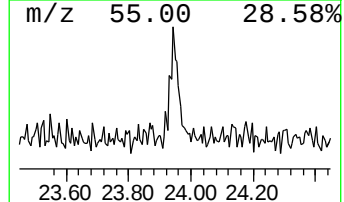
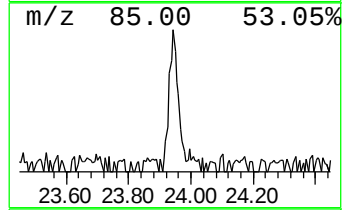
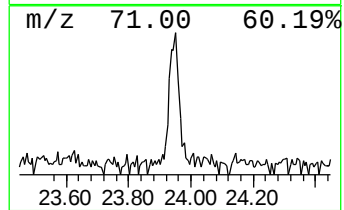
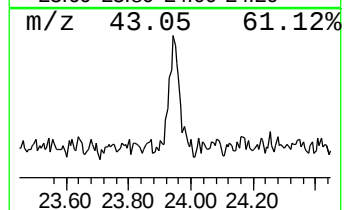
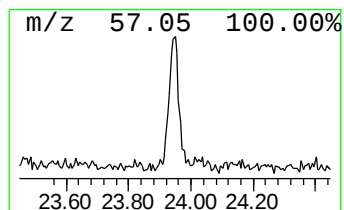
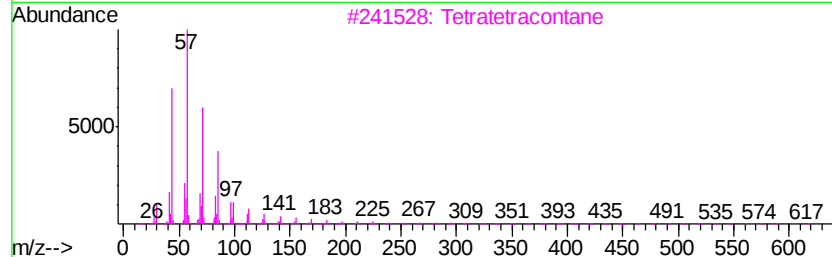
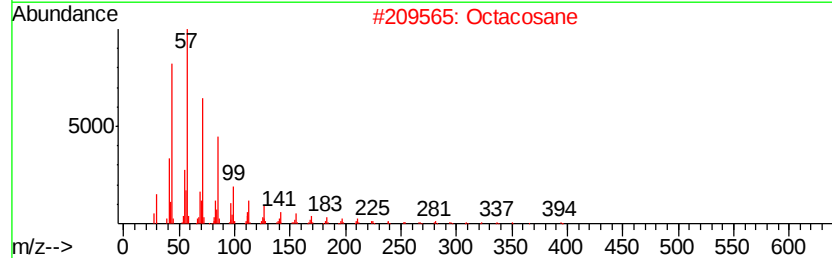
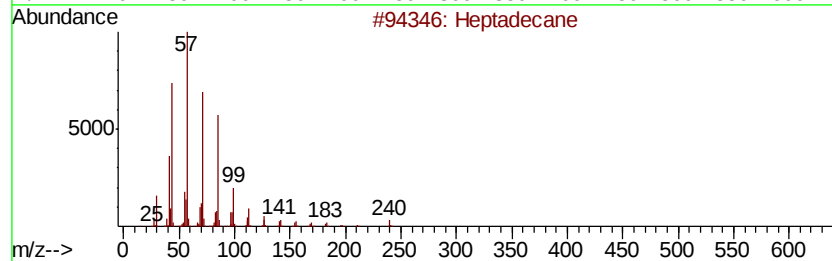
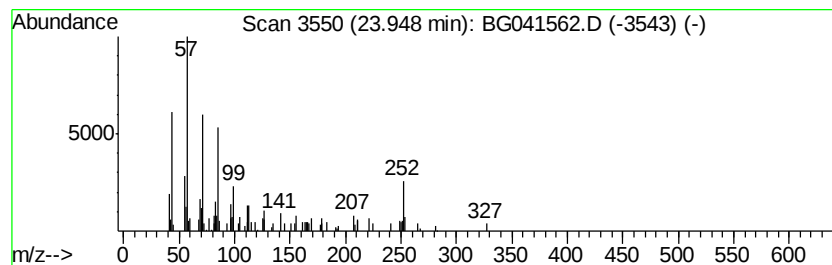
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.30 ng	69002	Perylene-d12	24.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	98
2	Octacosane		394	C28H58	000630-02-4	64
3	Tetratetracontane		619	C44H90	007098-22-8	60
4	Hentriacontane		437	C31H64	000630-04-6	60
5	Heptacosane		380	C27H56	000593-49-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070119\
Data File : BG041562.D
Acq On : 1 Jul 2019 17:03
Operator : HP/JU
Sample : K3573-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SR-SOIL-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.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
Cyclotrisiloxane,...	4.56	2.7	ng	24504	1	8.03	180248	20.0
unknown7.56	7.56	89.6	ng	807873	1	8.03	180248	20.0
n-Hexadecanoic acid	18.28	3.3	ng	74421	4	17.43	458327	20.0
Octacosanol	21.30	2.2	ng	73187	5	21.70	653973	20.0
Heptadecane	23.95	2.3	ng	69002	6	24.98	599644	20.0