

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060084.D
 Acq On : 19 Dec 2023 14:05
 Operator : MA/JU
 Sample : 05884-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP-1

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-BG121323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	4	9	18	rVB2	120126	217945	3.75%	0.954%
2	5.061	329	336	343	rBV	731060	1073264	18.45%	4.698%
3	5.525	407	415	422	rBV	418549	662690	11.39%	2.901%
4	7.111	676	685	695	rVB	739204	1244973	21.40%	5.450%
5	7.952	821	828	834	rBV	207185	371001	6.38%	1.624%
6	8.005	834	837	845	rVB	61848	95132	1.64%	0.416%
7	9.115	1019	1026	1033	rVB	516098	875868	15.05%	3.834%
8	10.754	1299	1305	1314	rBV	260941	484335	8.32%	2.120%
9	12.629	1619	1624	1630	rBV	42267	76779	1.32%	0.336%
10	13.128	1705	1709	1715	rVB2	48427	72468	1.25%	0.317%
11	13.216	1715	1724	1730	rBV	1643416	2474473	42.53%	10.832%
12	13.751	1809	1815	1818	rBV2	67448	120415	2.07%	0.527%
13	13.909	1837	1842	1847	rBV2	94497	174488	3.00%	0.764%
14	13.962	1848	1851	1857	rVB3	56975	88392	1.52%	0.387%
15	14.074	1866	1870	1874	rVB3	89030	112646	1.94%	0.493%
16	14.144	1878	1882	1886	rVB6	43677	66932	1.15%	0.293%
17	14.315	1907	1911	1919	rVB10	25550	63533	1.09%	0.278%
18	14.591	1947	1958	1964	rBV	595832	939015	16.14%	4.110%
19	14.985	2017	2025	2030	rBV2	103984	173457	2.98%	0.759%
20	15.067	2034	2039	2043	rVB3	68339	105987	1.82%	0.464%
21	15.208	2057	2063	2068	rBV2	56756	117900	2.03%	0.516%
22	15.255	2068	2071	2076	rVB2	62451	78253	1.34%	0.343%
23	15.842	2167	2171	2177	rVB2	88293	127775	2.20%	0.559%
24	16.077	2204	2211	2219	rVB	945129	1411909	24.27%	6.180%
25	16.324	2248	2253	2259	rVB2	159815	254733	4.38%	1.115%
26	16.700	2312	2317	2321	rBV6	53922	82772	1.42%	0.362%
27	17.153	2389	2394	2404	rVB4	83362	170861	2.94%	0.748%
28	17.341	2420	2426	2431	rBV	920877	1346445	23.14%	5.894%
29	17.752	2491	2496	2501	rBV9	45513	76789	1.32%	0.336%
30	18.228	2571	2577	2582	rBV4	279269	451625	7.76%	1.977%
31	19.503	2790	2794	2801	rVB6	143291	202009	3.47%	0.884%
32	19.961	2866	2872	2878	rVB	4760282	5818373	100.00%	25.469%
33	21.260	3090	3093	3097	rVB3	124870	163412	2.81%	0.715%
34	21.612	3147	3153	3162	rVB	1007143	1608307	27.64%	7.040%
35	24.803	3687	3696	3704	rBV	512043	1440142	24.75%	6.304%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

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-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

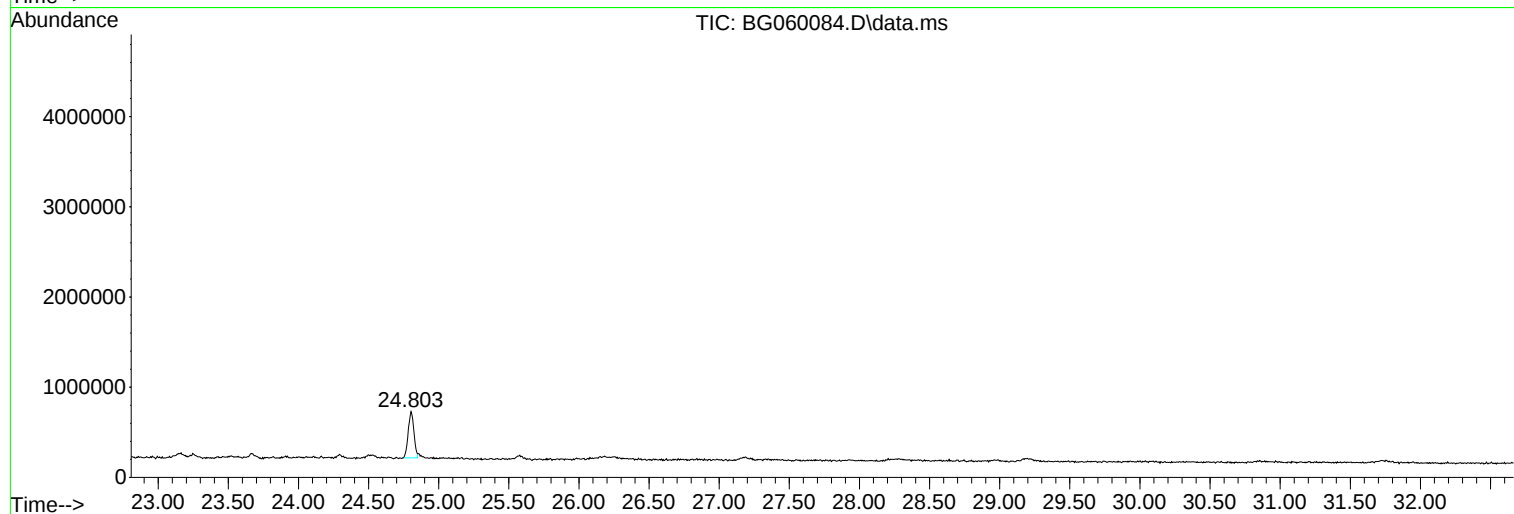
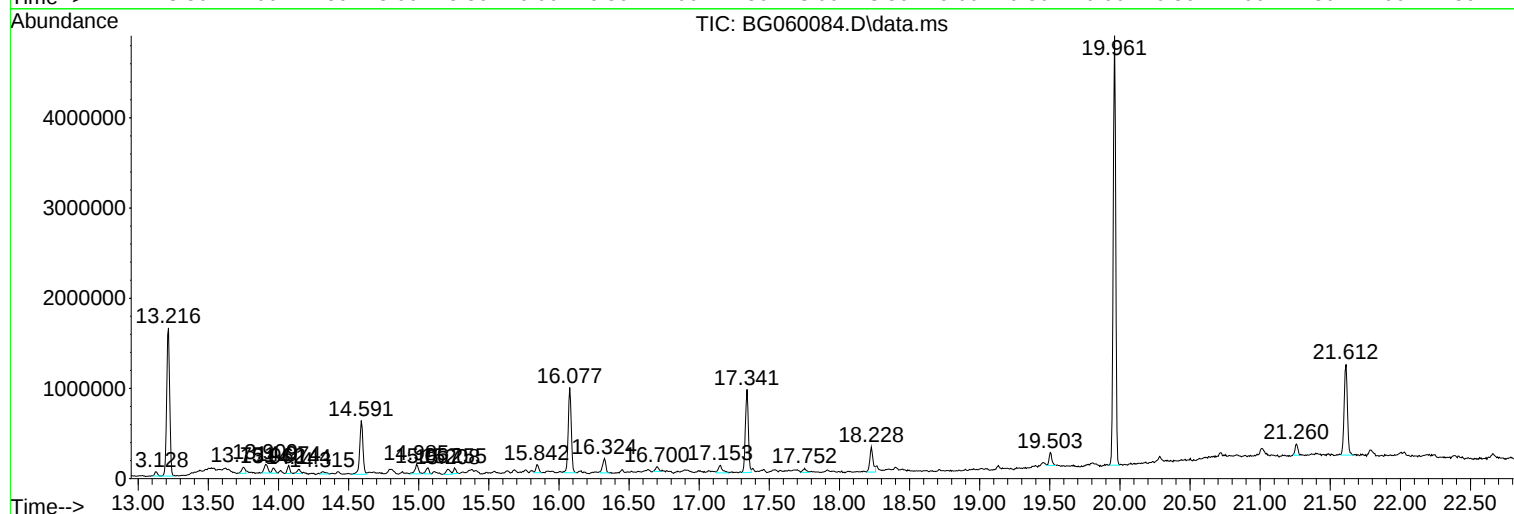
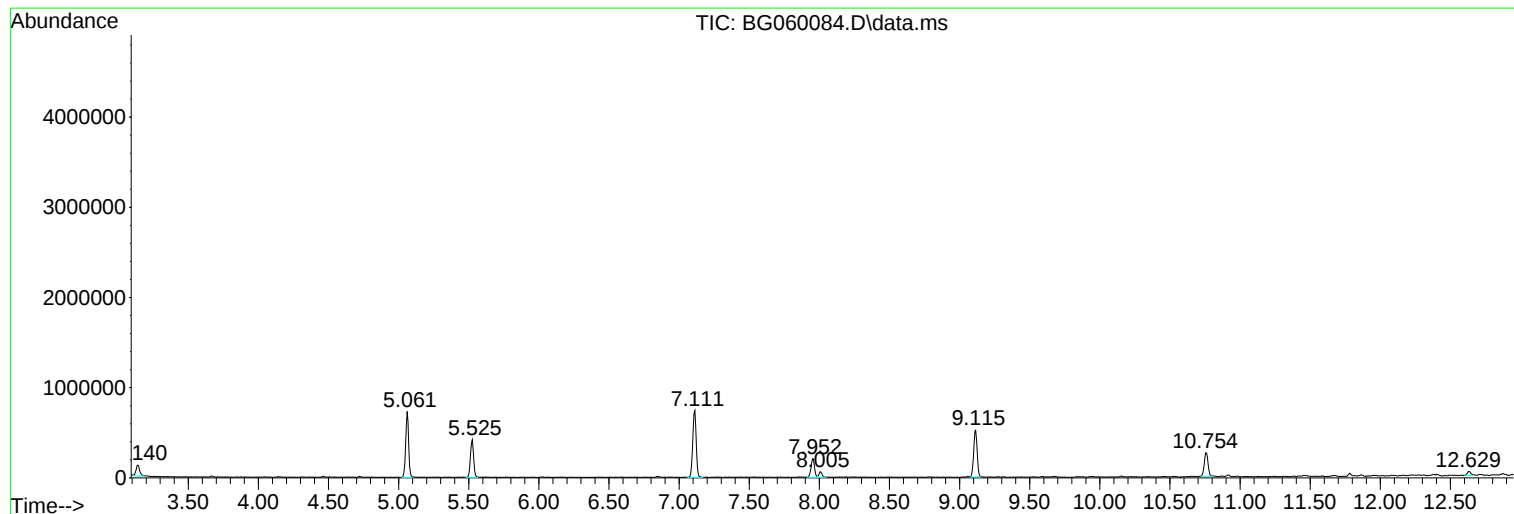
Sum of corrected areas: 22845098

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

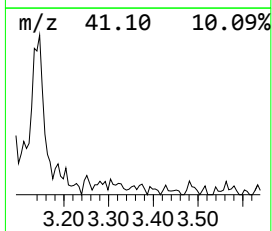
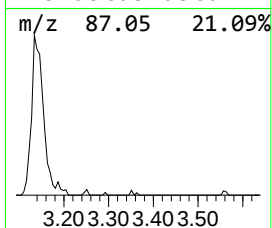
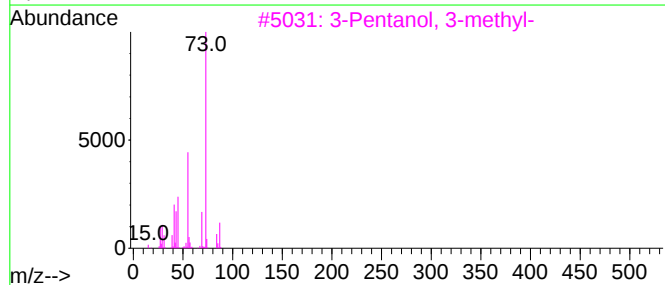
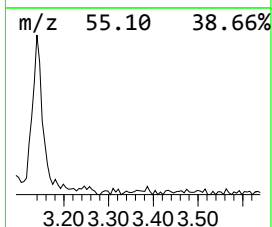
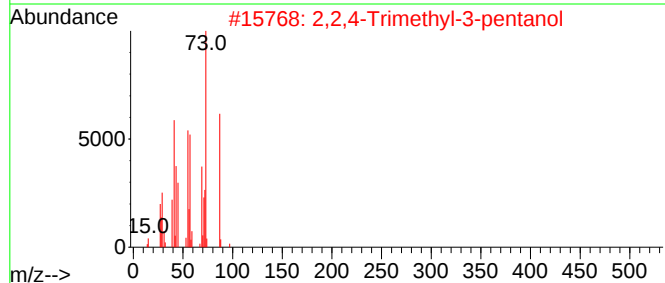
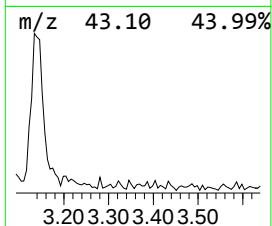
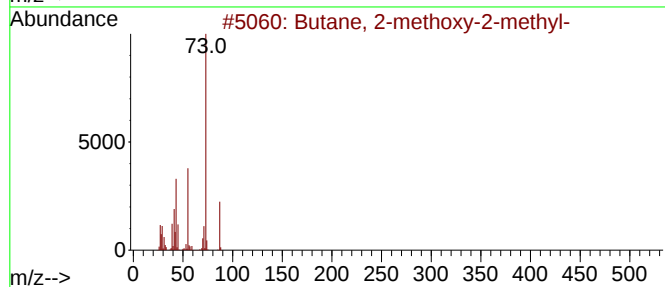
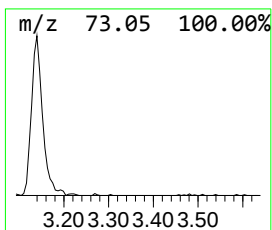
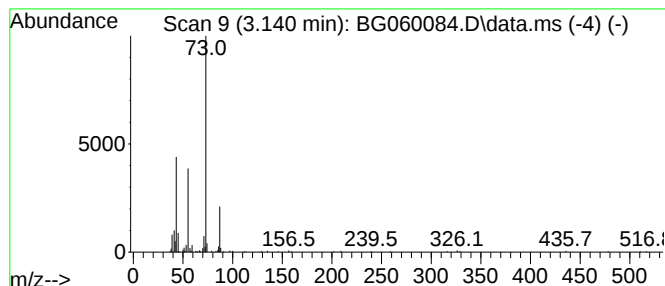
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown3.140 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	11.75 ng	217945	1,4-Dichlorobenzene-d4	7.958

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	28
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4			Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	25
5			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

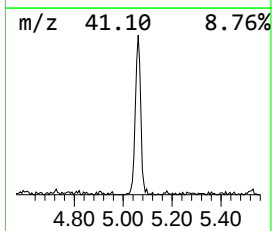
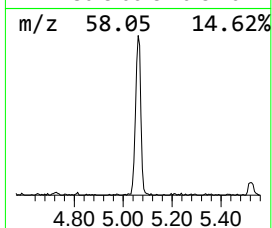
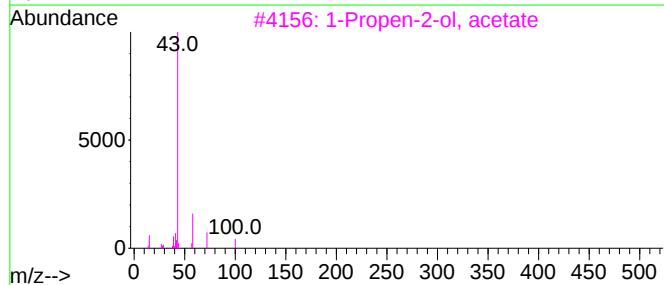
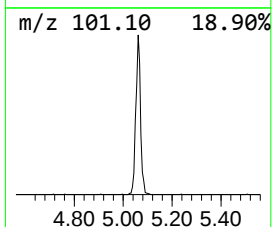
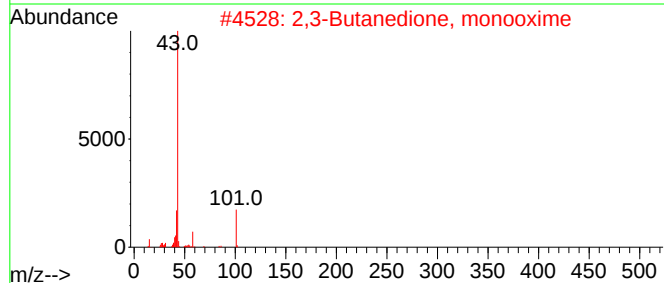
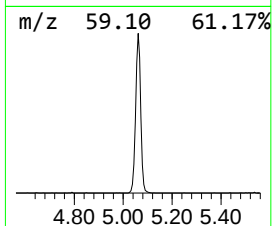
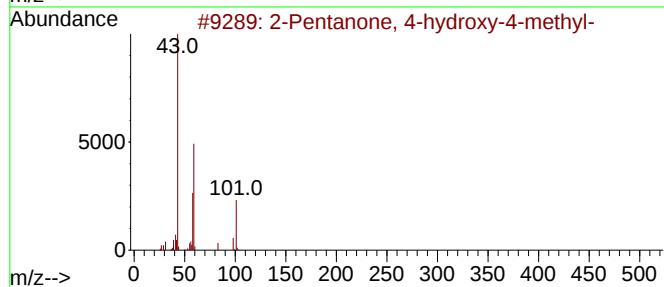
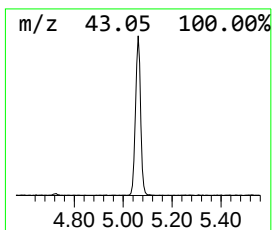
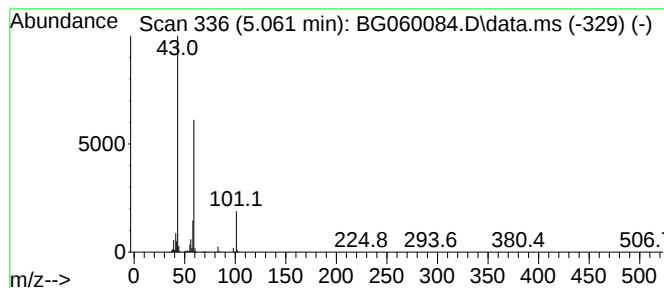
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.061	57.86 ng	1073260	1,4-Dichlorobenzene-d4			7.958
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	12
4	2-Propyn-1-ol, acetate		98	C5H6O2	000627-09-8	9
5	3-Octanol		130	C8H18O	000589-98-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

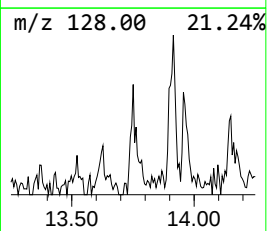
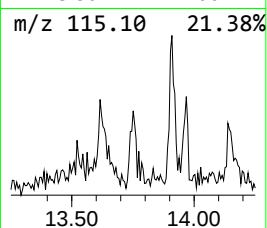
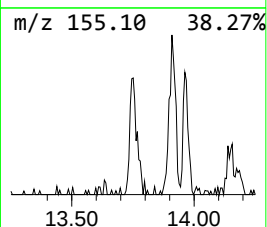
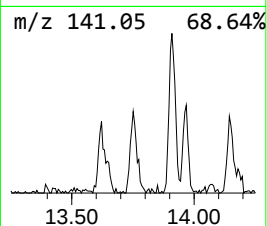
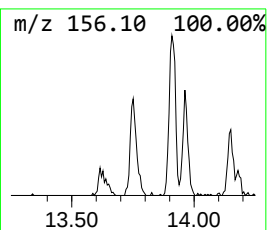
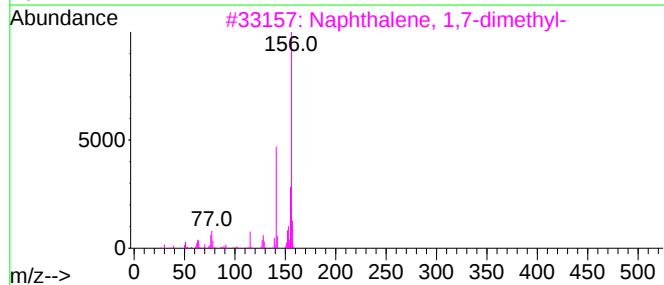
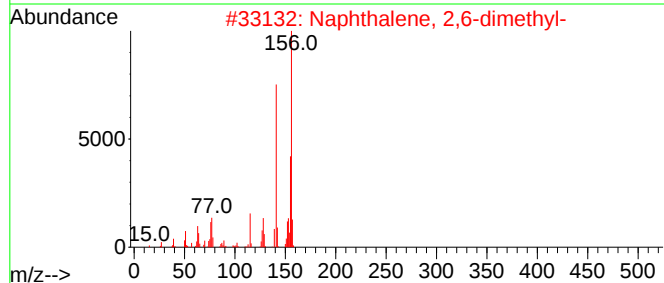
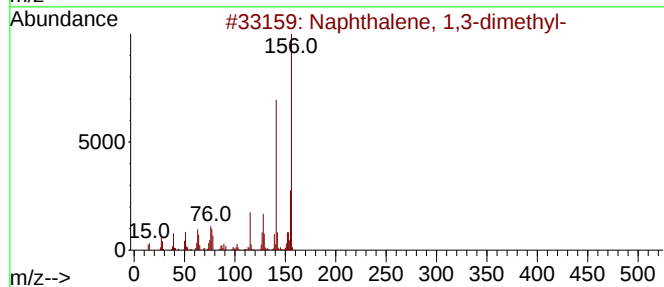
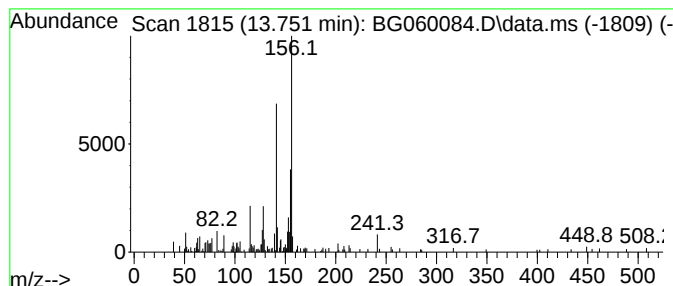
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	2.56 ng	120415	Acenaphthene-d10	14.591

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	87
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	87
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

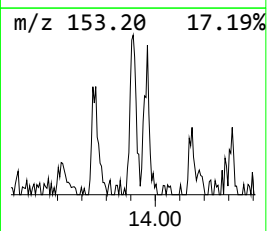
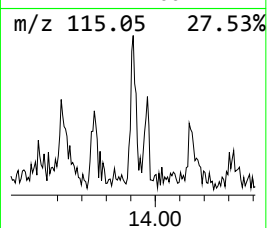
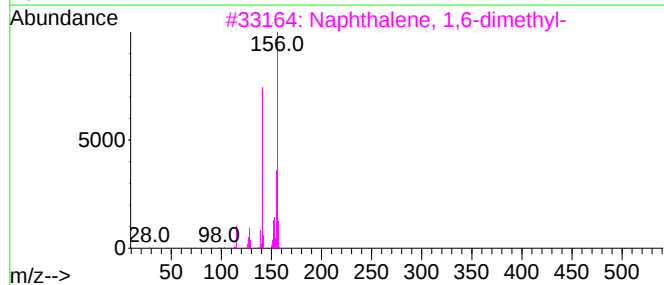
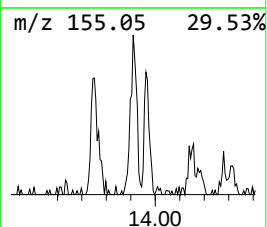
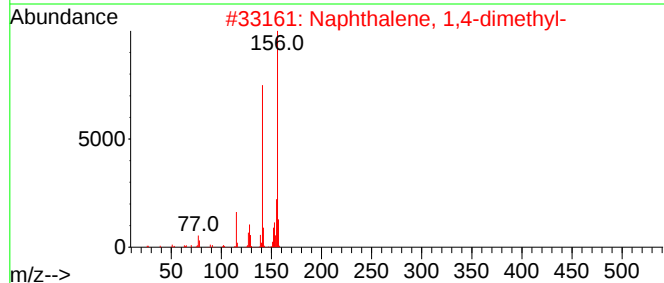
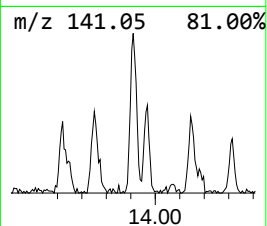
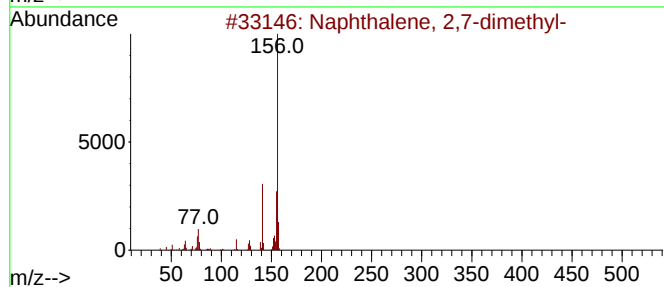
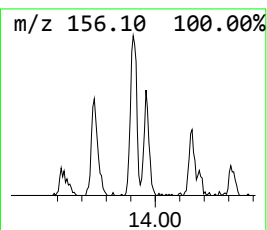
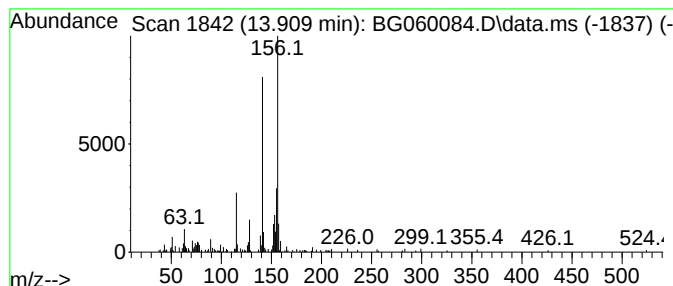
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.909	3.72 ng	174488	Acenaphthene-d10	14.591

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

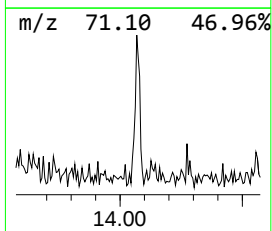
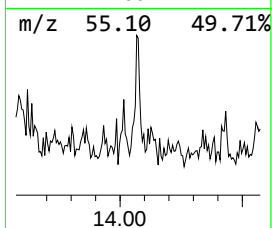
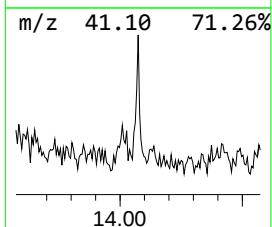
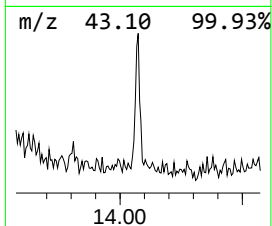
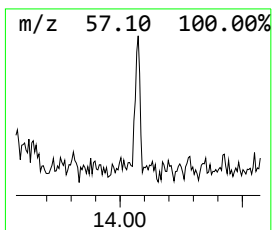
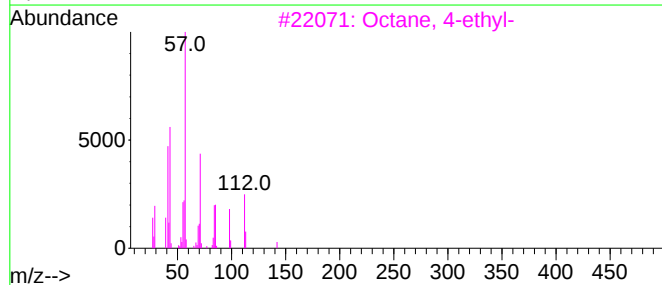
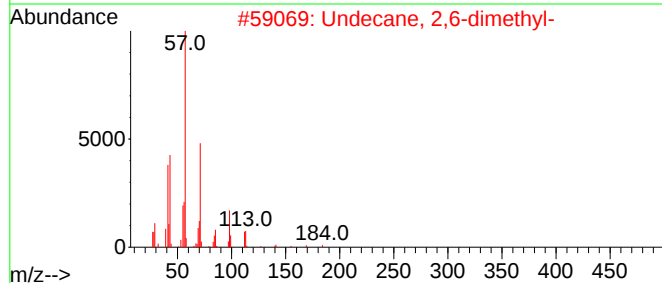
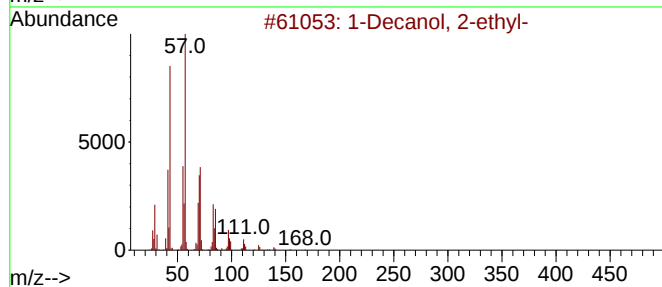
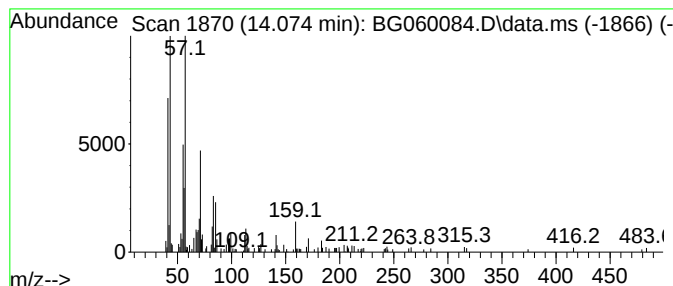
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Decanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.074	2.40 ng	112646	Acenaphthene-d10		14.591	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Decanol, 2-ethyl-		186	C12H26O	021078-65-9	72
2	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	64
3	Octane, 4-ethyl-		142	C10H22	015869-86-0	64
4	Tetradecane, 3-methyl-		212	C15H32	018435-22-8	59
5	Nonane, 2-methyl-		142	C10H22	000871-83-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

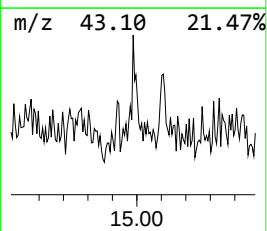
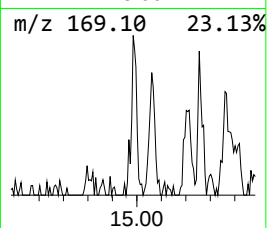
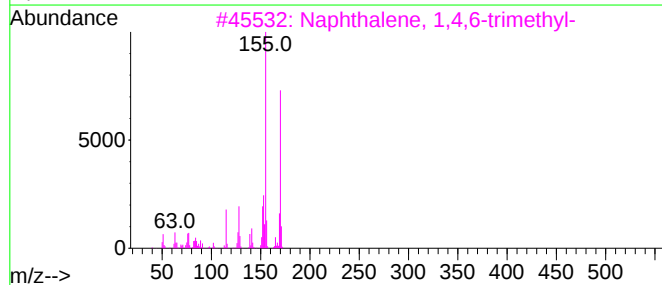
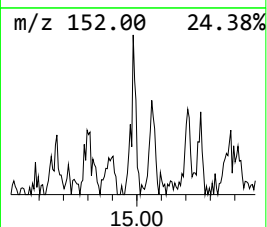
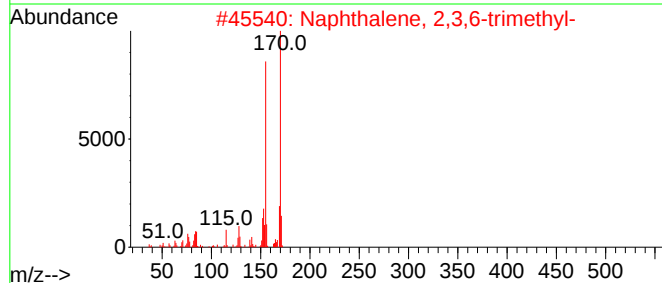
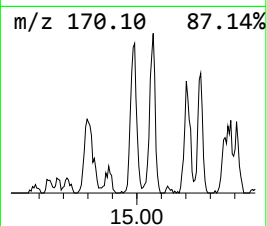
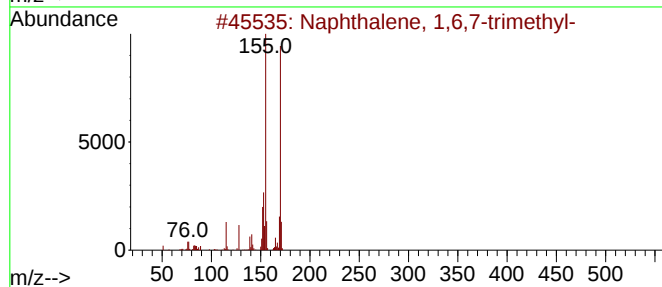
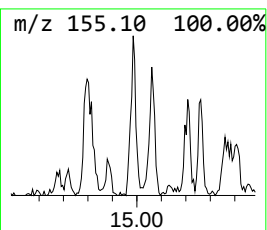
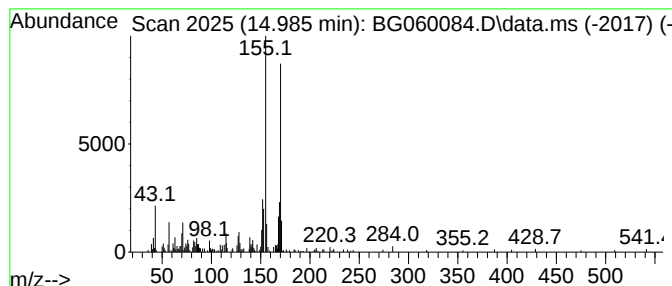
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.985	3.69 ng	173457	Acenaphthene-d10	14.591

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5			1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

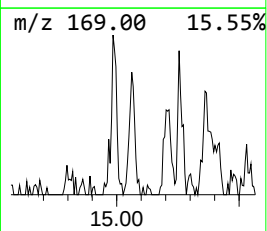
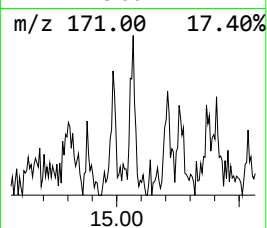
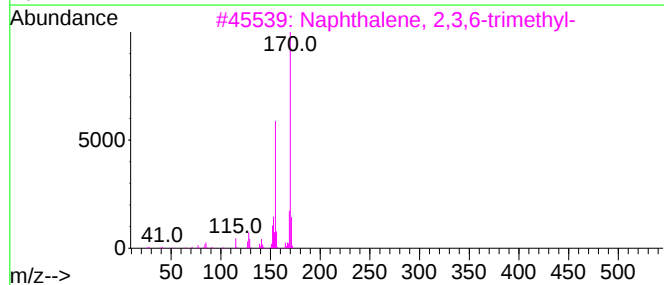
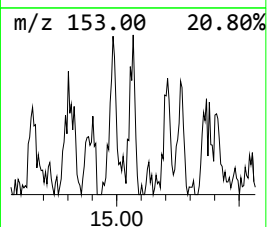
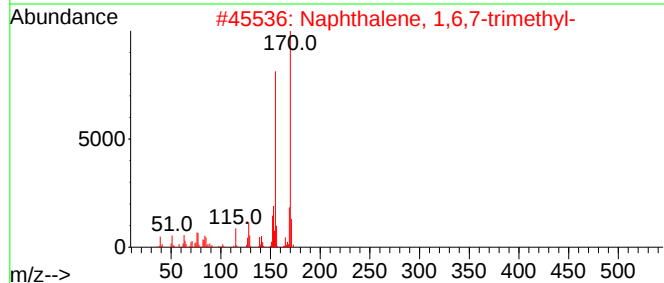
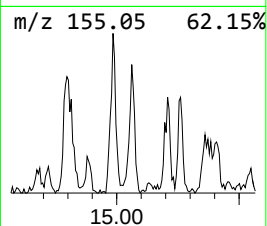
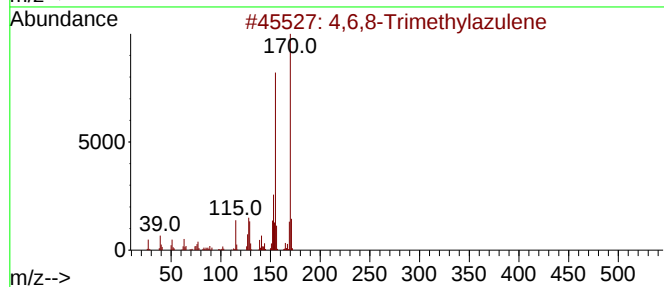
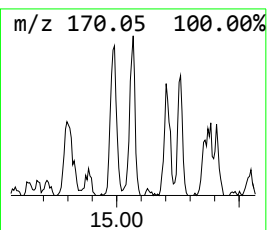
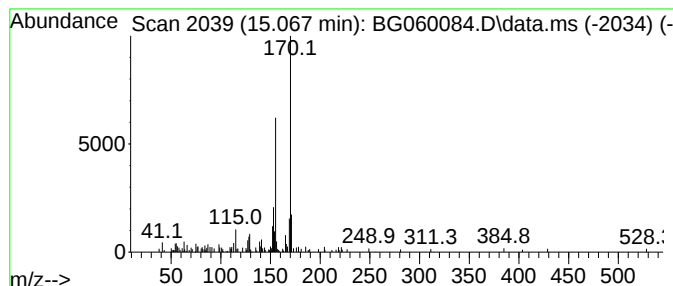
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4,6,8-Trimethylazulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.067	2.26 ng	105987	Acenaphthene-d10	14.591

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	72
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

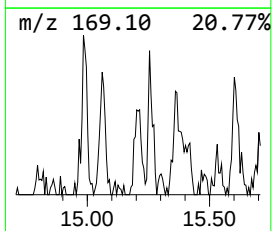
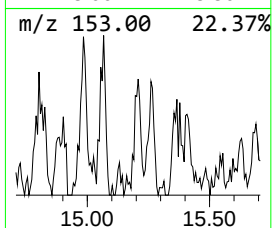
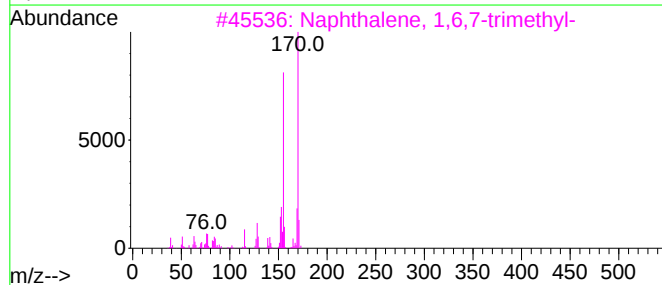
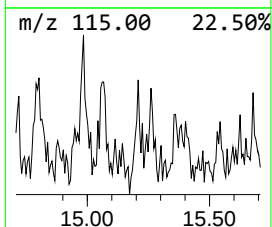
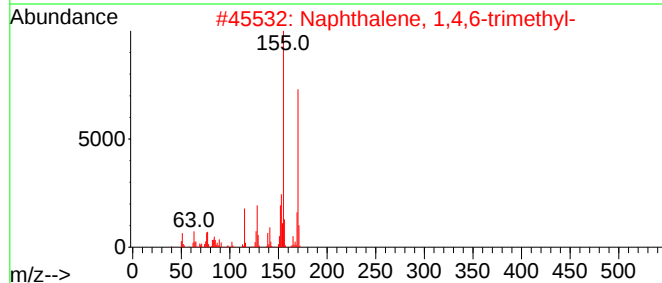
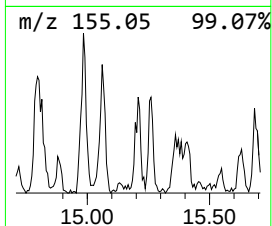
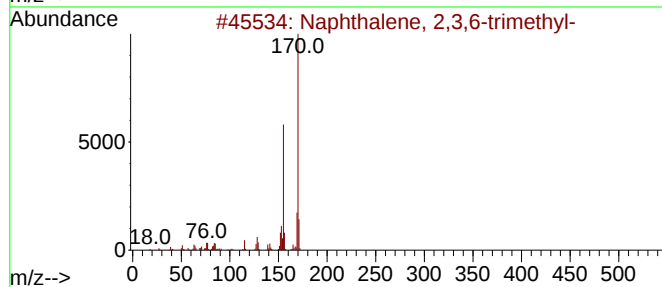
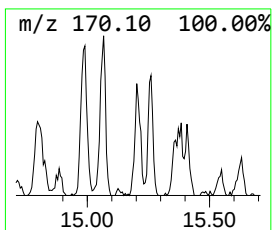
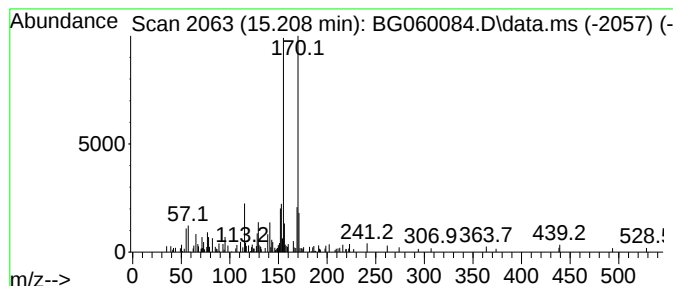
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.208	2.51 ng	117900	Acenaphthene-d10	14.591	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-		170 C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-		170 C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-		170 C13H14	002245-38-7	91
4	3-(2-Methyl-propenyl)-1H-indene		170 C13H14	1000187-78-5	90
5	4,6,8-Trimethylazulene		170 C13H14	000941-81-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

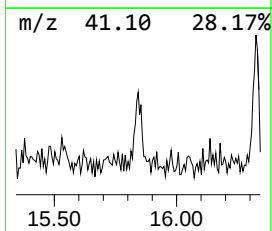
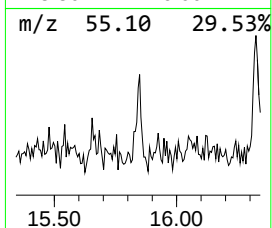
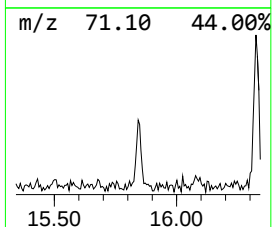
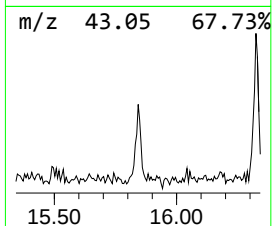
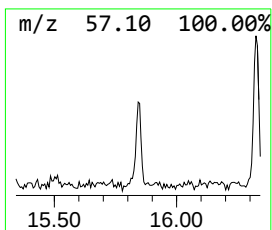
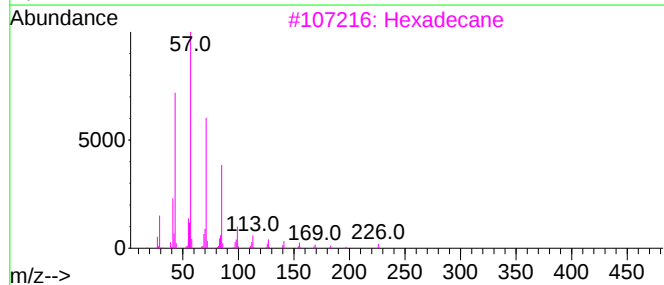
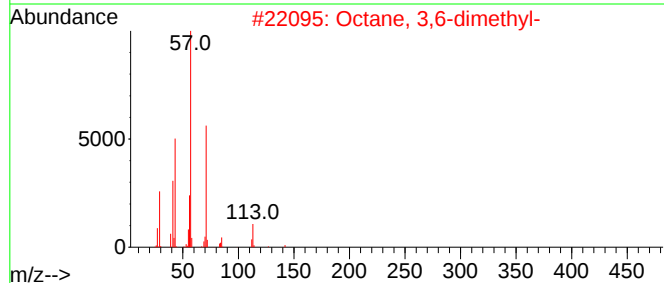
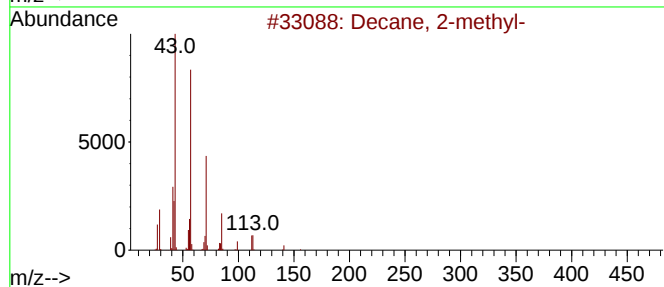
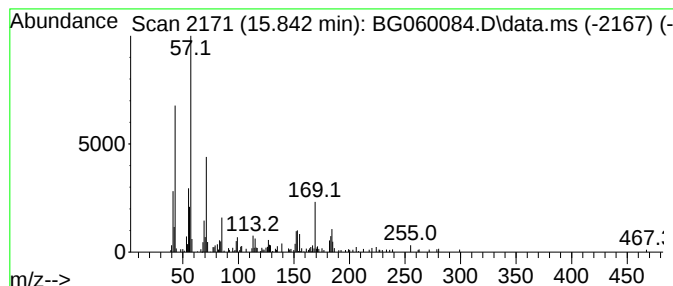
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown15.842 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	2.72 ng	127775	Acenaphthene-d10	14.591

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	46
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
3			Hexadecane	226	C16H34	000544-76-3	43
4			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	43
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

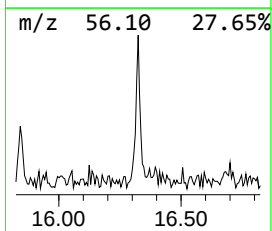
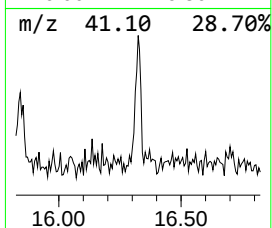
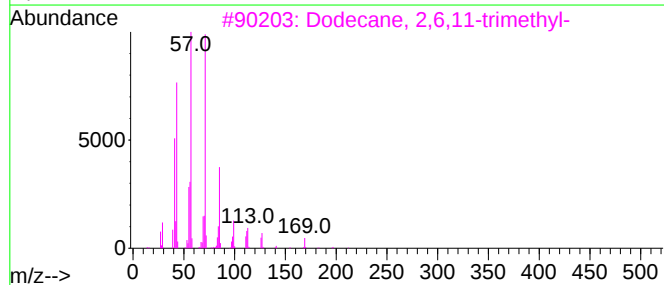
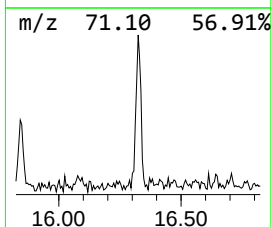
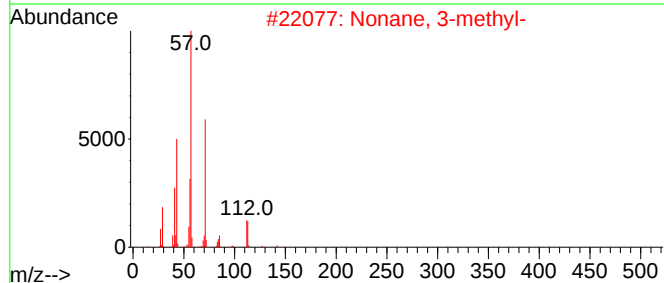
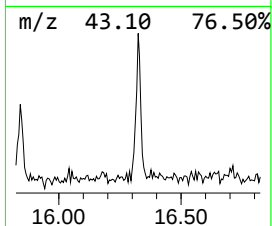
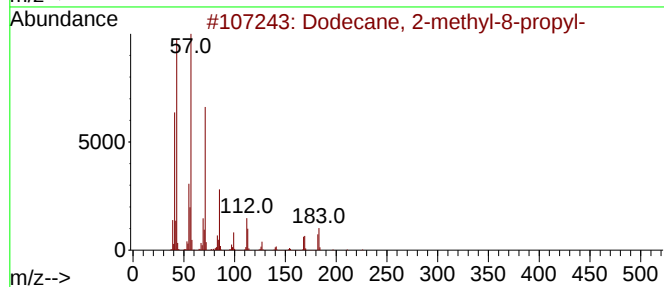
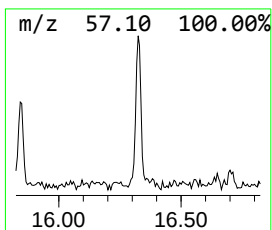
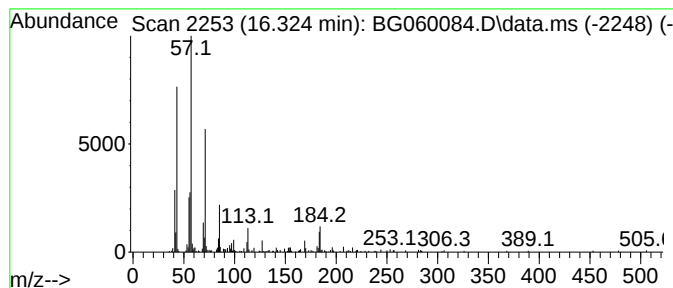
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2-methyl-8-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.324	3.78 ng	254733	Phenanthrene-d10			17.341
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-		226	C16H34	055045-07-3	72
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	70
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
4	Decane, 2-methyl-		156	C11H24	006975-98-0	62
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

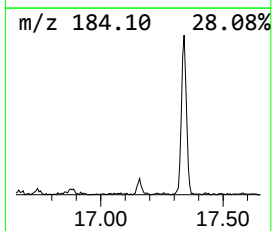
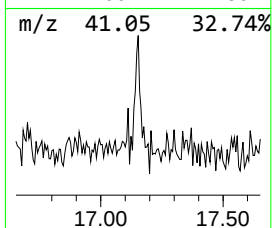
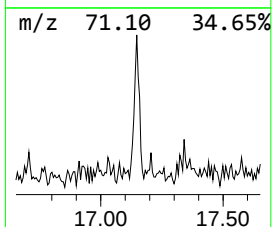
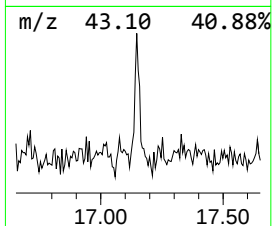
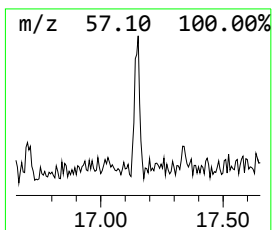
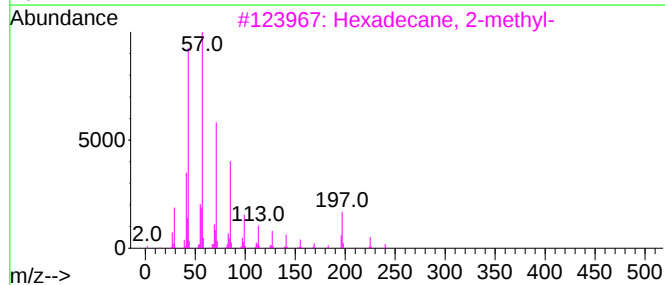
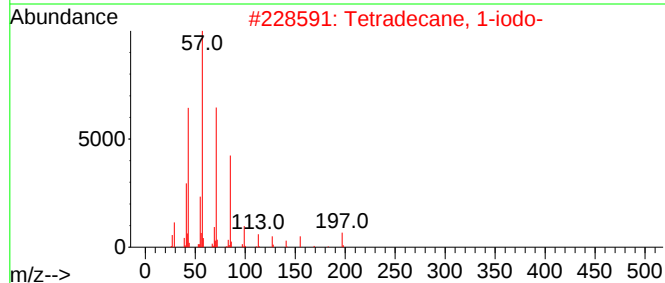
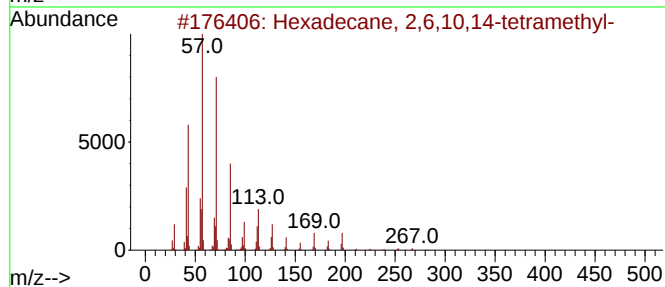
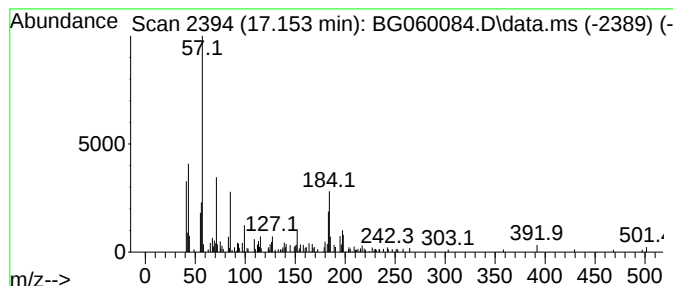
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown17.153 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.153	2.54 ng	170861	Phenanthrene-d10	17.341

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	22
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	22
3		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	22
4		Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	14
5		Tricosane	324	C23H48	000638-67-5	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

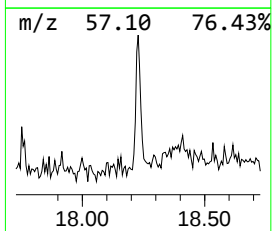
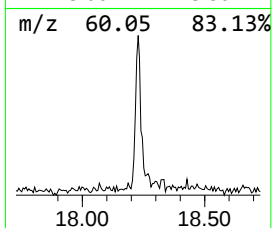
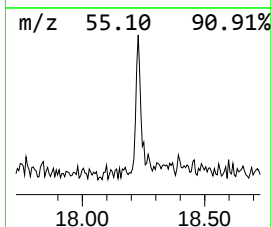
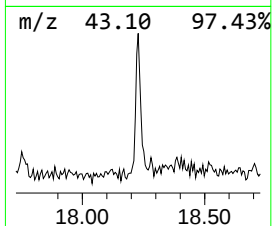
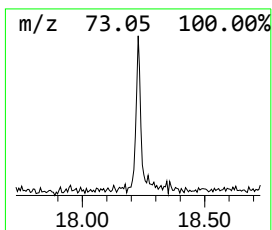
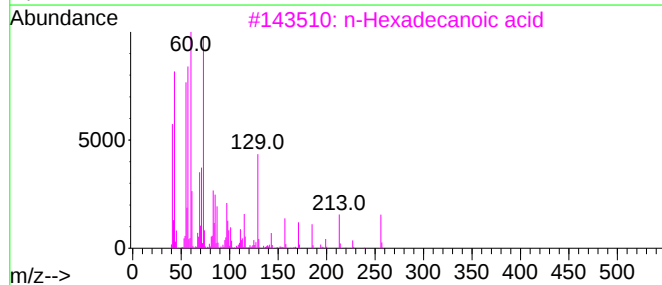
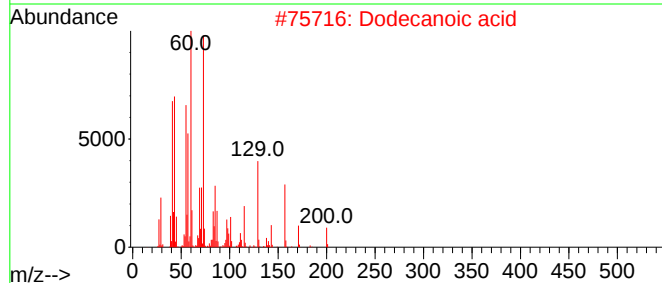
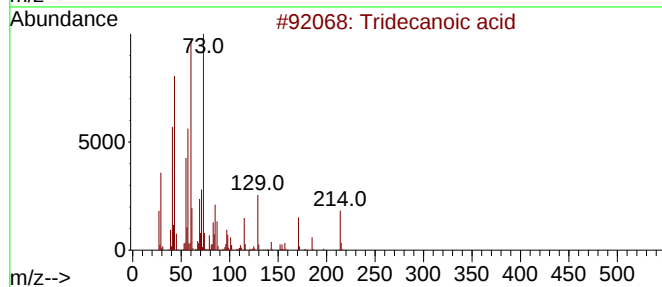
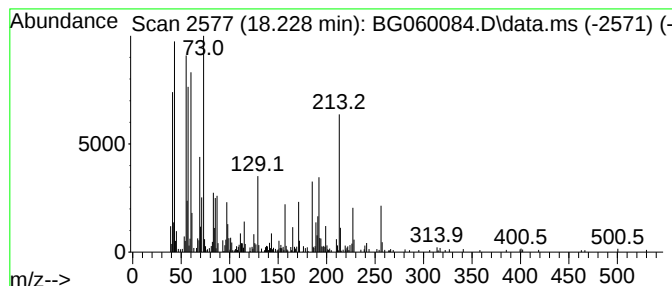
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	6.71 ng	451625	Phenanthrene-d10	17.341

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	60
2			Dodecanoic acid	200	C12H24O2	000143-07-7	42
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
4			5-n-Butyl-2,4-diamino-6-[p-tolyl]...	256	C15H20N4	274679-66-2	35
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

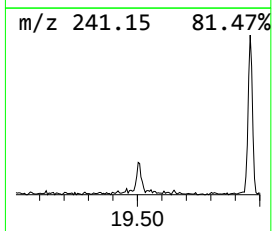
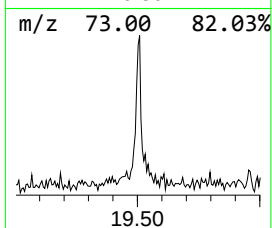
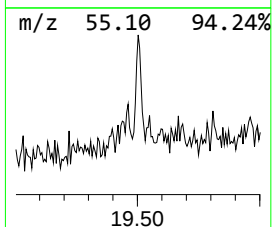
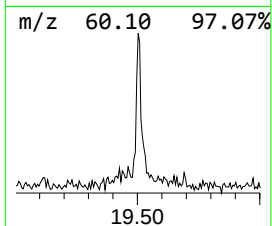
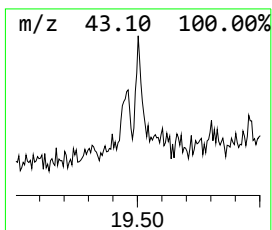
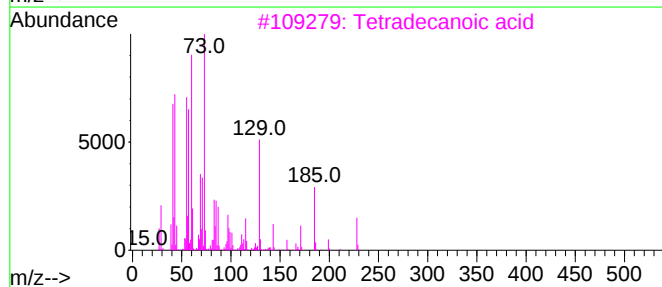
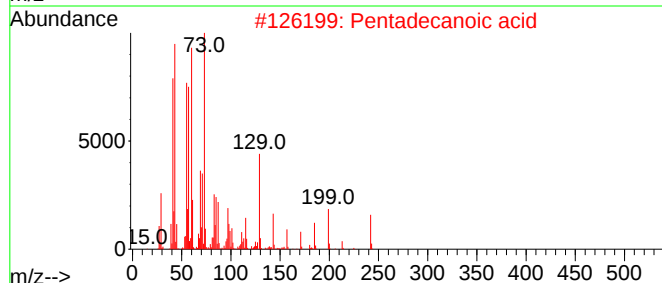
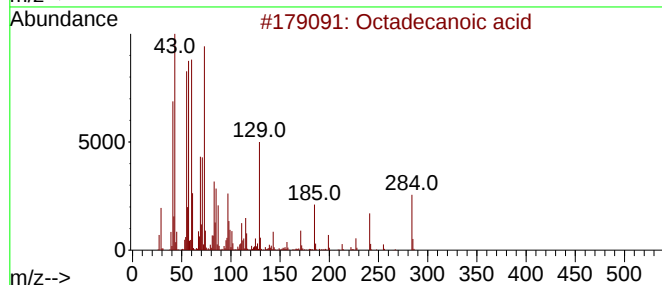
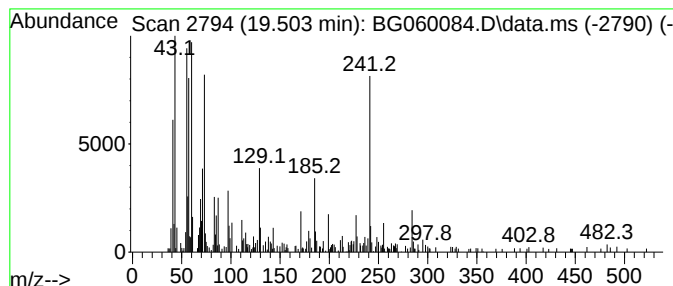
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.503	2.51 ng	202009	Chrysene-d12		21.612	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	83
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	52
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	46
4	Undecanoic acid		186	C11H22O2	000112-37-8	30
5	Benzamide, 2,5-ditrifluoromethyl...		369	C17H21F6NO	1000437-20-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

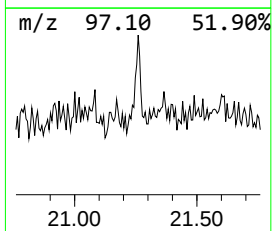
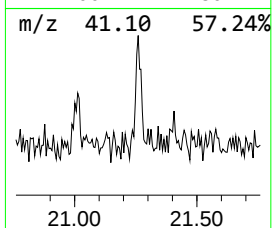
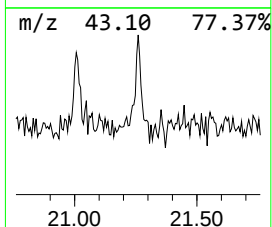
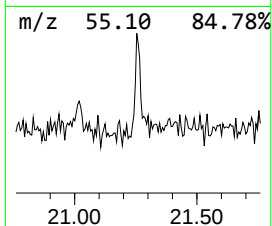
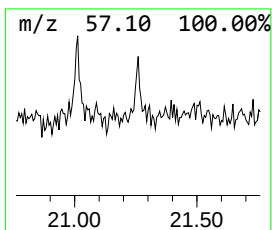
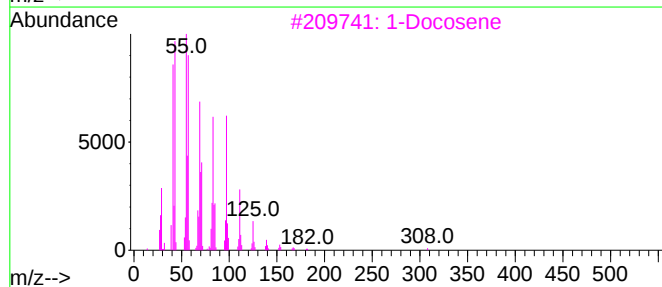
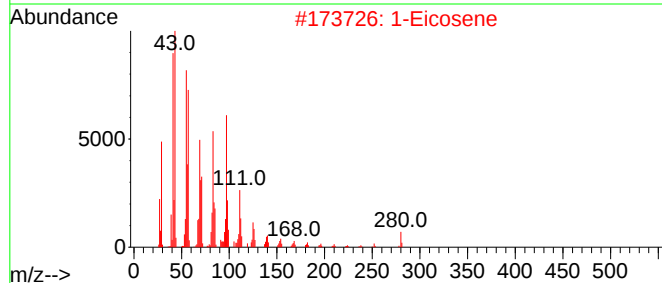
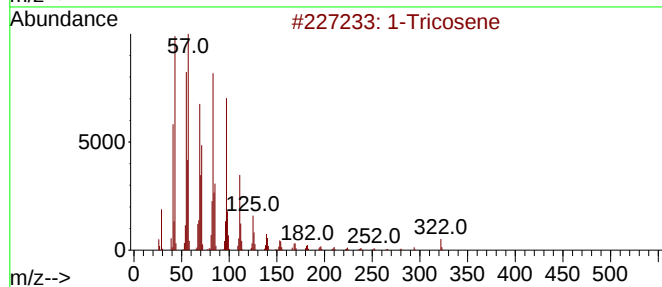
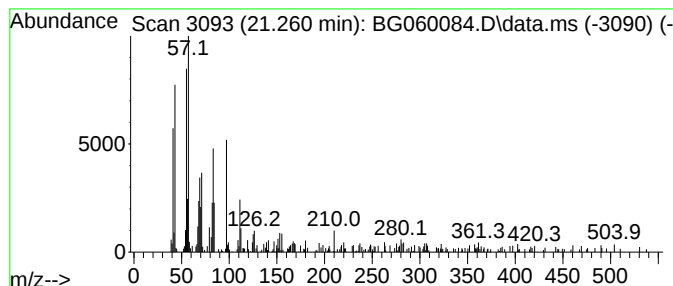
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1-Tricosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.260	2.03 ng	163412	Chrysene-d12	21.612	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	89
2	1-Eicosene	280	C20H40	003452-07-1	76
3	1-Docosene	308	C22H44	001599-67-3	72
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	72
5	1-Octadecene	252	C18H36	000112-88-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060084.D
Acq On : 19 Dec 2023 14:05
Operator : MA/JU
Sample : 05884-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown3.140	3.140	11.8	ng	217945	1	7.958	371001	20.0
2-Pentanone, 4-...	5.061	57.9	ng	1073260	1	7.958	371001	20.0
Naphthalene, 1,...	13.751	2.6	ng	120415	3	14.591	939015	20.0
Naphthalene, 2,...	13.909	3.7	ng	174488	3	14.591	939015	20.0
1-Decanol, 2-et...	14.074	2.4	ng	112646	3	14.591	939015	20.0
Naphthalene, 1,...	14.985	3.7	ng	173457	3	14.591	939015	20.0
4,6,8-Trimethyl...	15.067	2.3	ng	105987	3	14.591	939015	20.0
Naphthalene, 2,...	15.208	2.5	ng	117900	3	14.591	939015	20.0
unknown15.842	15.842	2.7	ng	127775	3	14.591	939015	20.0
Dodecane, 2-met...	16.324	3.8	ng	254733	4	17.341	1346450	20.0
unknown17.153	17.153	2.5	ng	170861	4	17.341	1346450	20.0
Tridecanoic acid	18.228	6.7	ng	451625	4	17.341	1346450	20.0
Octadecanoic acid	19.503	2.5	ng	202009	5	21.612	1608310	20.0
1-Tricosene	21.260	2.0	ng	163412	5	21.612	1608310	20.0