

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056399.D
 Acq On : 24 Jan 2023 12:06
 Operator : CG/JU
 Sample : 01152-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOPSOIL-STMWTR-DENALI-2

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-BG122722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.332	341	348	355	rBV	107541	164035	8.59%	1.264%
2	5.819	423	431	439	rBV	411325	675567	35.40%	5.208%
3	7.441	698	707	716	rBV	431746	741643	38.86%	5.717%
4	8.293	846	852	860	rBV	117626	196375	10.29%	1.514%
5	9.468	1045	1052	1060	rBV	251063	446467	23.39%	3.442%
6	11.125	1325	1334	1341	rBV	157190	285748	14.97%	2.203%
7	13.534	1737	1744	1751	rBV	850348	1329239	69.64%	10.247%
8	14.909	1970	1978	1986	rBV	289195	470452	24.65%	3.627%
9	16.248	2200	2206	2213	rBV	184719	264681	13.87%	2.040%
10	16.389	2224	2230	2241	rBV	677904	1060177	55.55%	8.172%
11	17.647	2438	2444	2449	rBV	394901	604302	31.66%	4.658%
12	17.688	2449	2451	2458	rVB	28708	36614	1.92%	0.282%
13	18.499	2576	2589	2599	rVB	425265	744116	38.99%	5.736%
14	18.781	2630	2637	2644	rVV4	68355	168287	8.82%	1.297%
15	18.839	2644	2647	2655	rVB10	34646	55464	2.91%	0.428%
16	19.615	2775	2779	2780	rBV3	59149	80114	4.20%	0.618%
17	19.680	2786	2790	2793	rBV	95596	136889	7.17%	1.055%
18	19.750	2798	2802	2820	rVB	681638	1378955	72.25%	10.630%
19	20.044	2847	2852	2856	rVB	99725	144085	7.55%	1.111%
20	20.220	2877	2882	2888	rVB	1493663	1908642	100.00%	14.713%
21	20.608	2944	2948	2955	rVB2	115914	199757	10.47%	1.540%
22	21.401	3078	3083	3090	rVB3	101622	190644	9.99%	1.470%
23	21.524	3100	3104	3112	rVB6	61221	125800	6.59%	0.970%
24	21.936	3167	3174	3180	rBV	393298	715584	37.49%	5.516%
25	22.300	3230	3236	3243	rVB3	79381	171810	9.00%	1.324%
26	25.367	3750	3758	3767	rVB	226523	677104	35.48%	5.220%

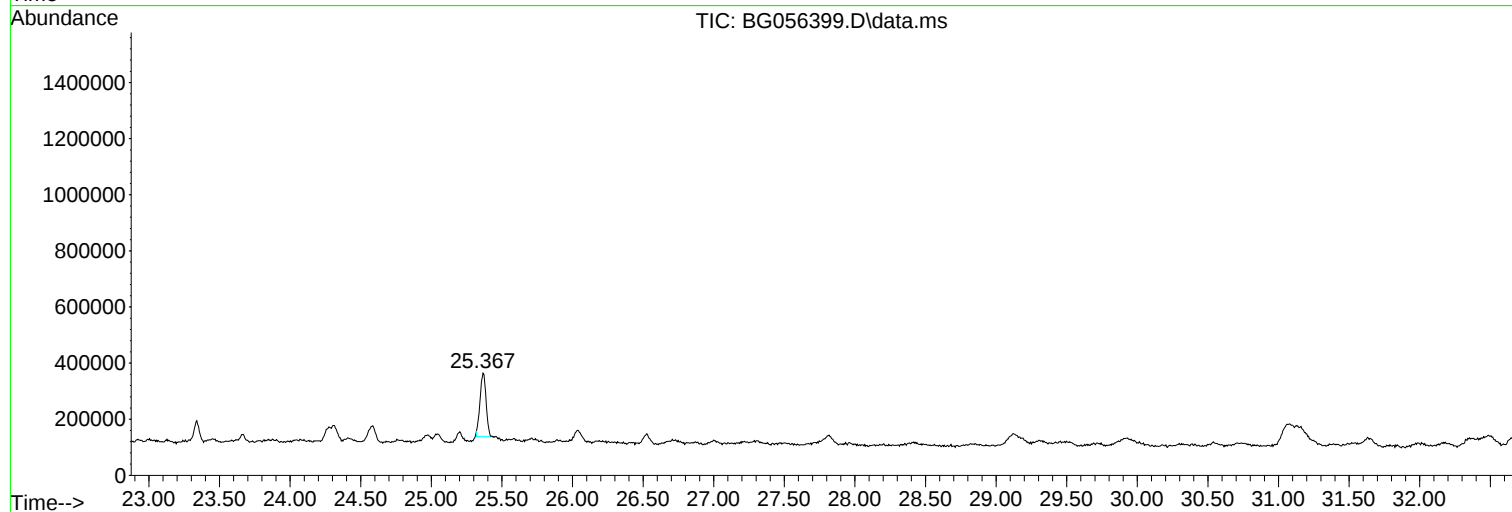
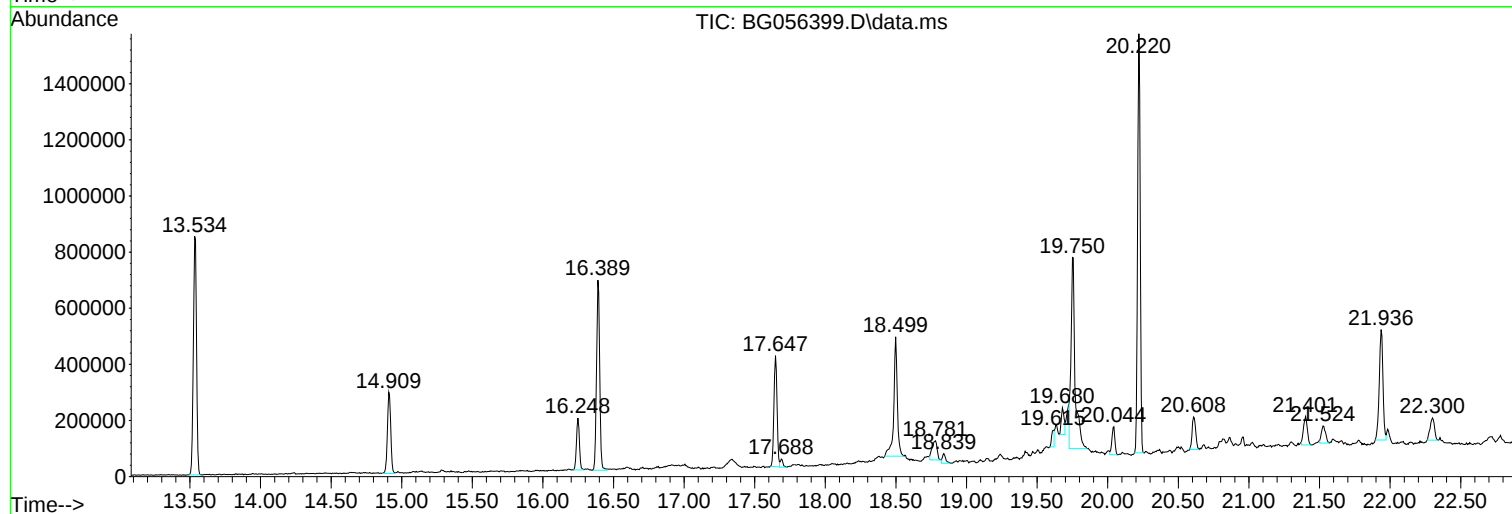
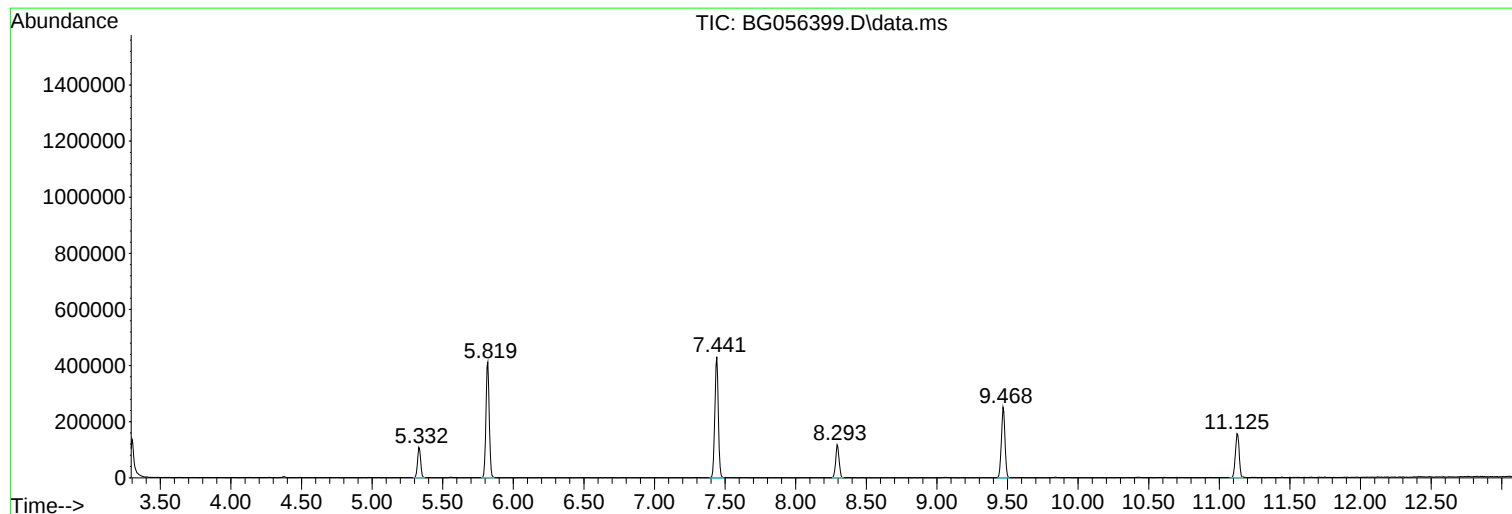
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-STMWTR-DENALI-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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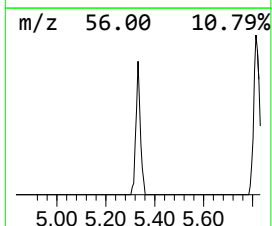
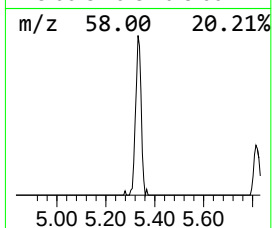
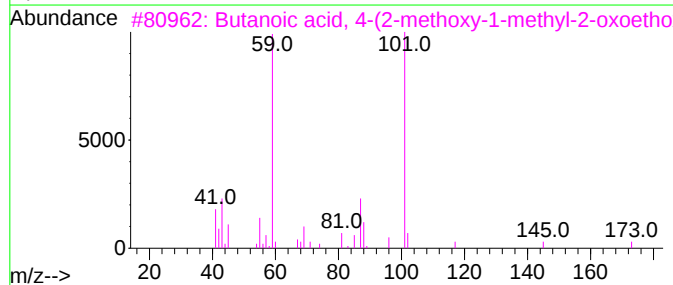
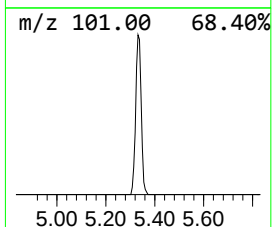
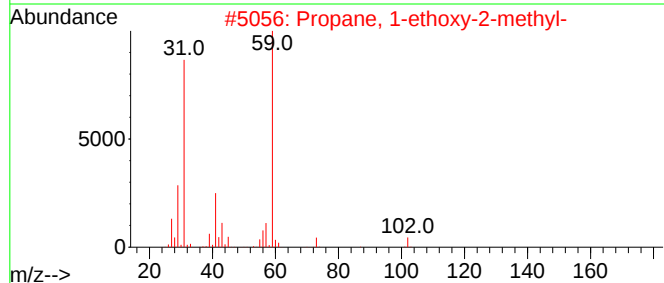
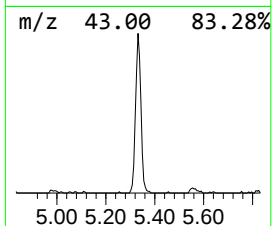
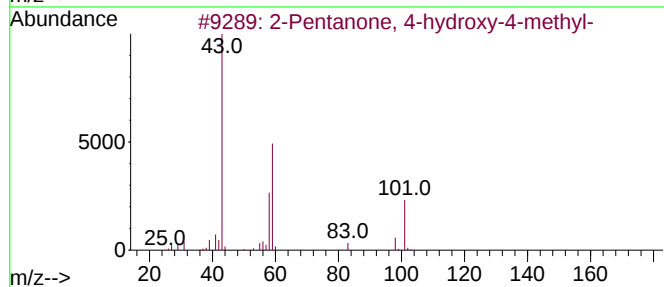
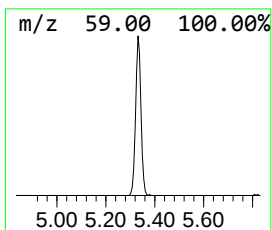
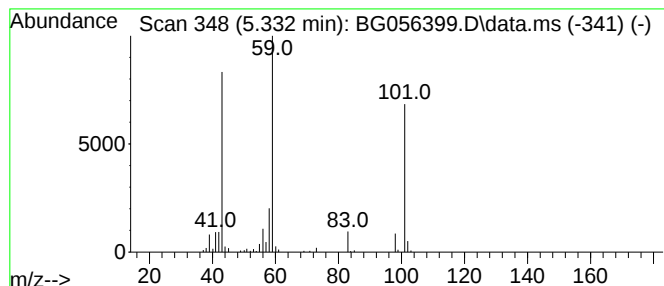
Instrument :
BNA_G
ClientSampleId :
TOPSOIL-STMWTR-DENALI-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.332	16.71 ng	164035	1,4-Dichlorobenzene-d4			8.293
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-		102	C6H14O	000627-02-1	38
3	Butanoic acid, 4-(2-methoxy-1-me...		204	C9H16O5	054966-46-0	33
4	Guanidine		59	CH5N3	000113-00-8	32
5	3-Hydroxy-3-methyl-2-butanone		102	C5H10O2	000115-22-0	25



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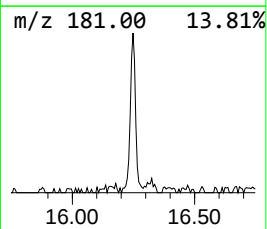
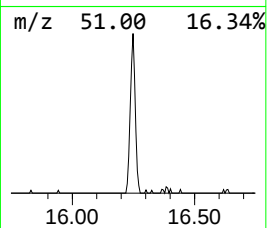
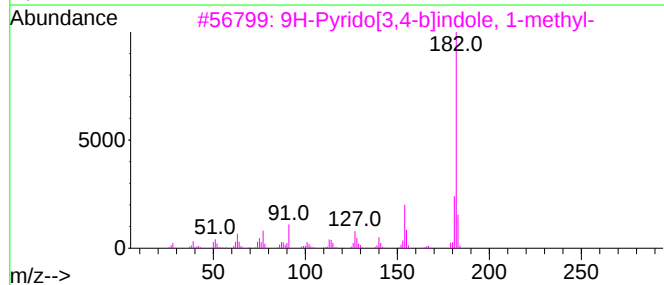
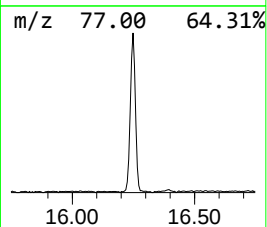
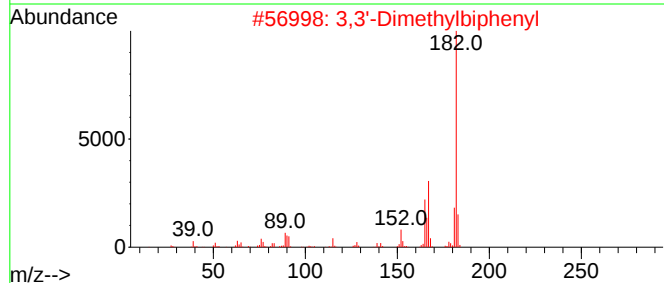
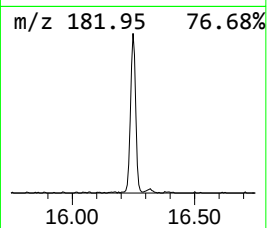
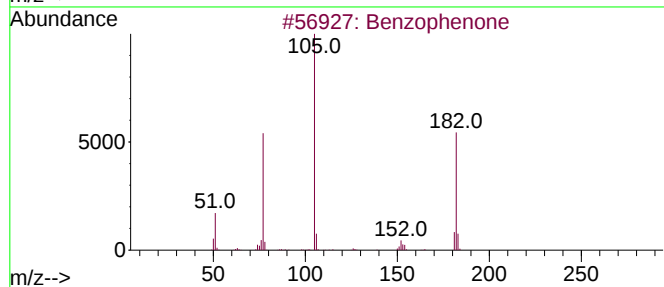
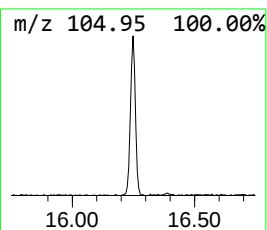
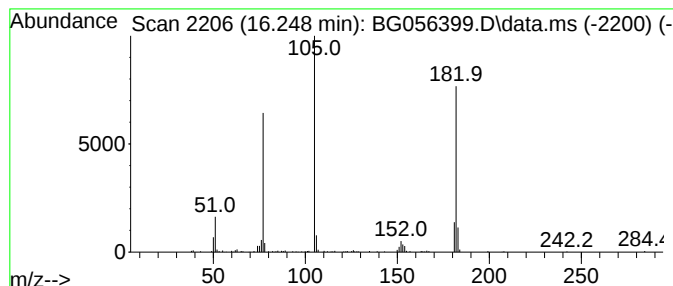
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.248	11.25 ng	264681	Acenaphthene-d10	14.909

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	47
3			9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	46
4			3,4-Dimethoxy-5-hydroxybenzaldehyde	182	C9H10O4	029865-90-5	43
5			Methyl benzoate	242	C15H14O3	000076-89-1	41



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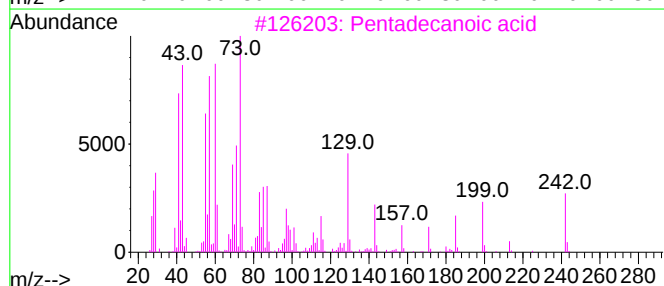
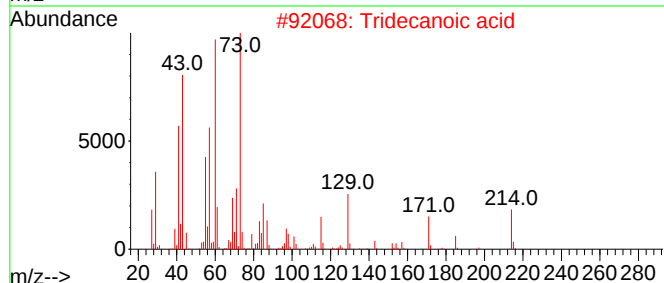
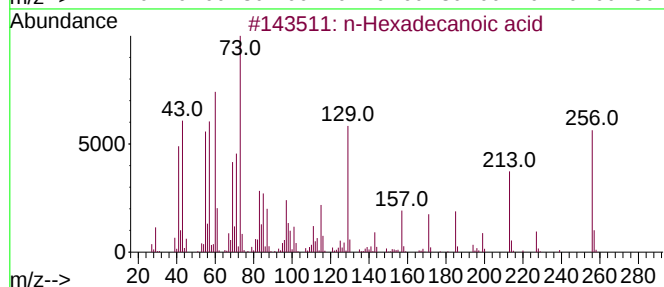
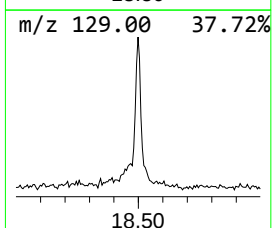
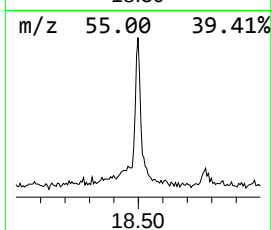
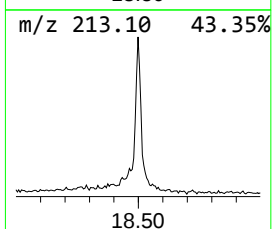
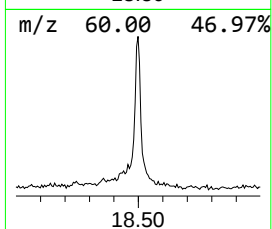
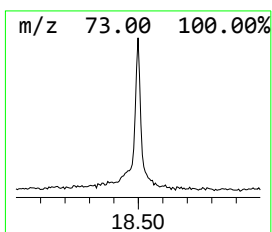
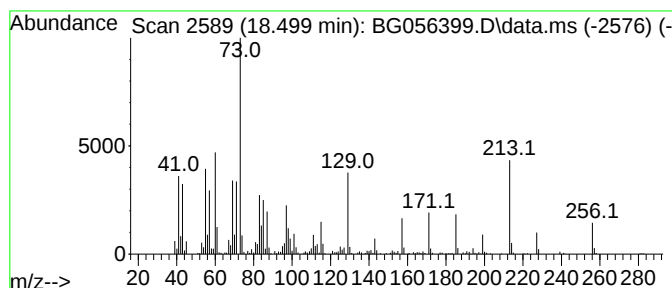
Instrument :
BNA_G
ClientSampleId :
TOPSOIL-STMWTR-DENALI-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.499	24.63 ng	744116	Phenanthrene-d10	17.647	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4	Dodecanoic acid	200	C12H24O2	000143-07-7	35
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	35



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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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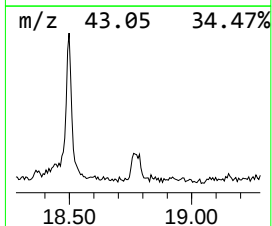
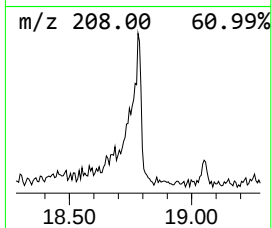
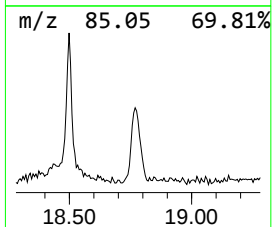
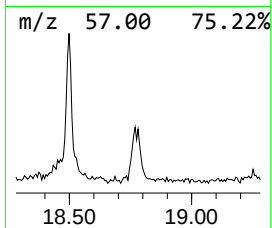
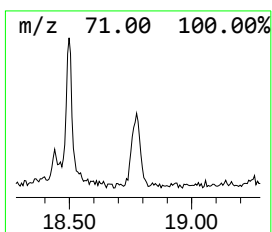
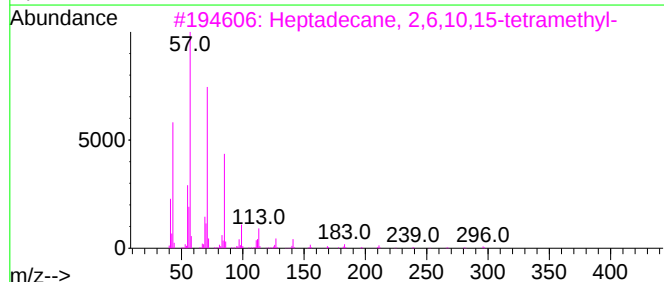
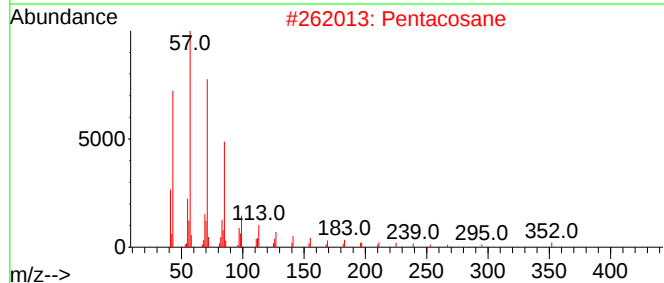
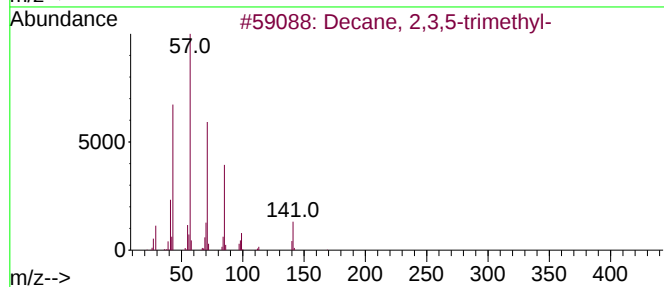
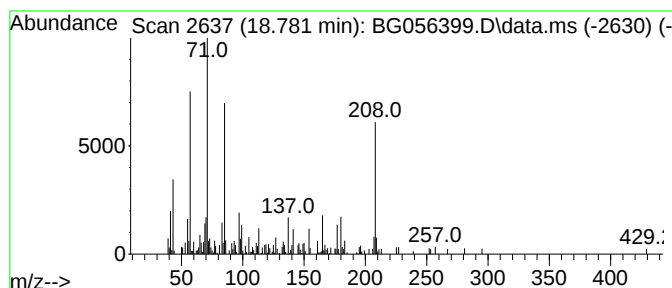
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 unknown18.781 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.781	5.57 ng	168287	Phenanthrene-d10	17.647

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	46
2			Pentacosane	352	C25H52	000629-99-2	43
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
4			Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	43
5			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	35



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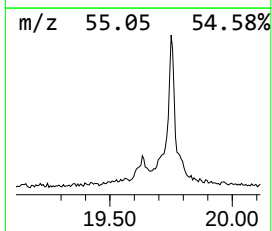
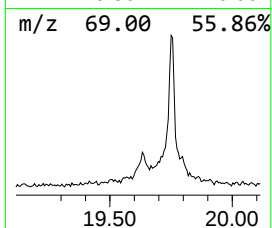
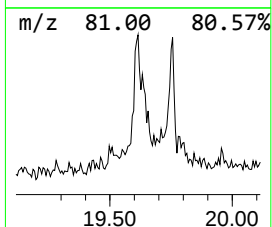
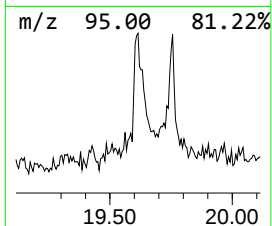
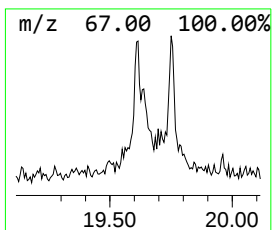
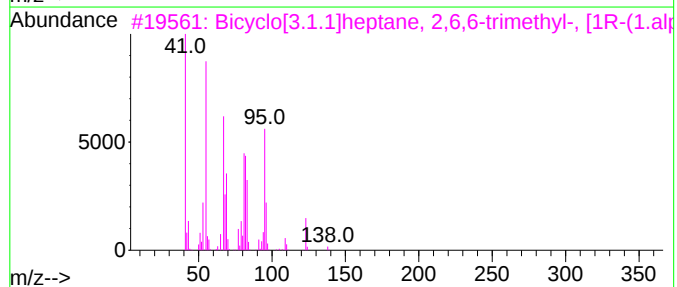
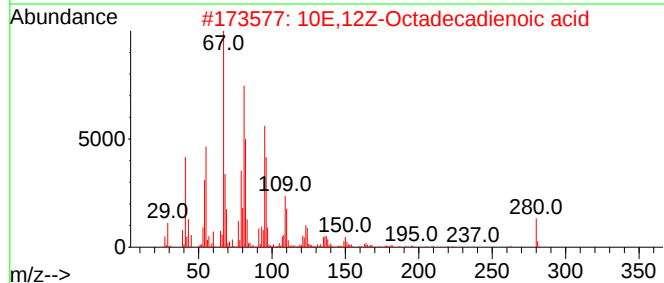
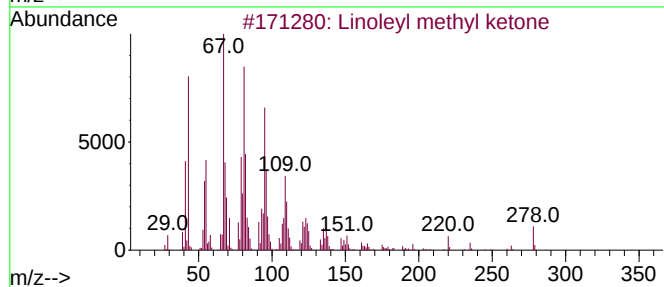
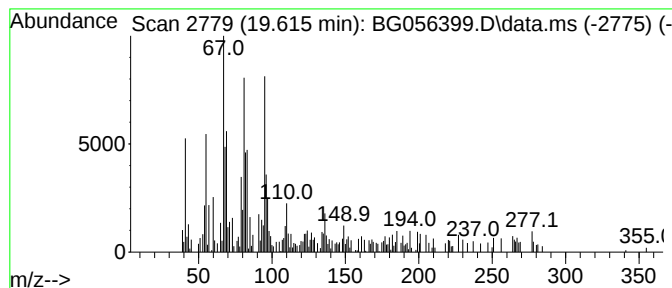
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Linoleyl methyl ketone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.615	2.65 ng	80114	Phenanthrene-d10	17.647

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Linoleyl methyl ketone	278	C19H34O	029204-24-8	90
2			10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	83
3			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	76
4			Linoelaidic acid	280	C18H32O2	000506-21-8	74
5			9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	70



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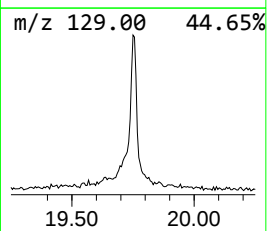
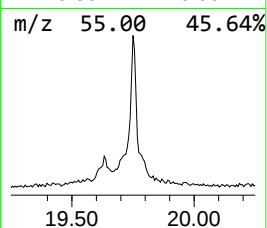
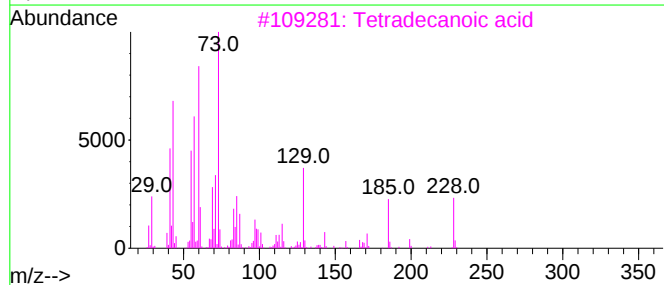
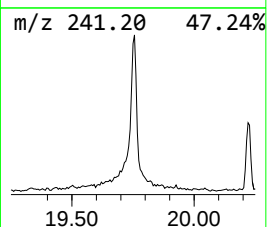
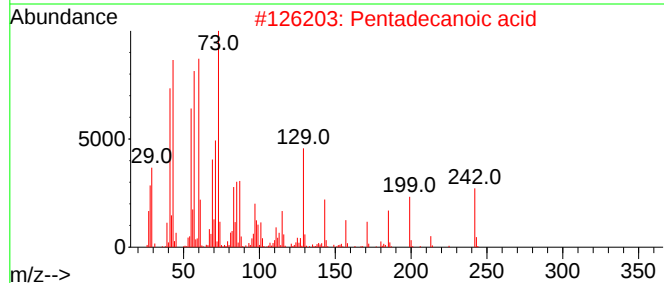
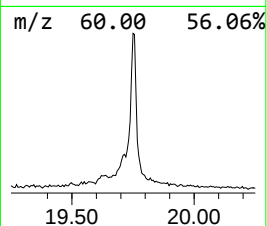
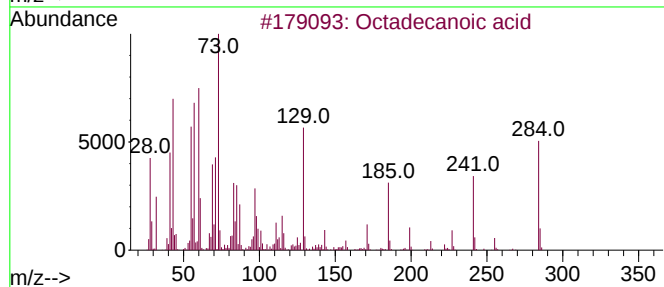
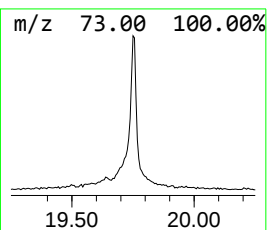
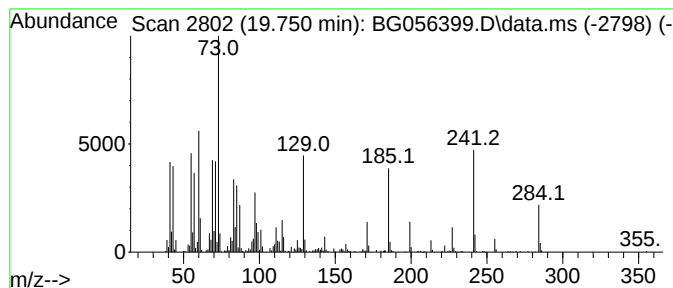
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.750	45.64 ng	1378960	Phenanthrene-d10	17.647

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	78
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4			n-Decanoic acid	172	C10H20O2	000334-48-5	38
5			12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056399.D
Acq On : 24 Jan 2023 12:06
Operator : CG/JU
Sample : 01152-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

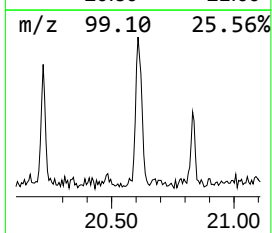
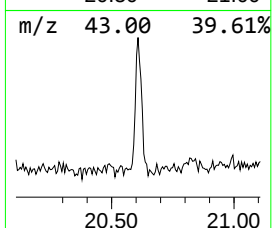
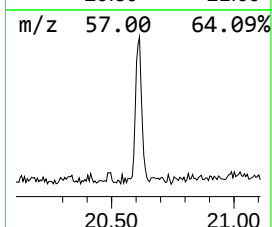
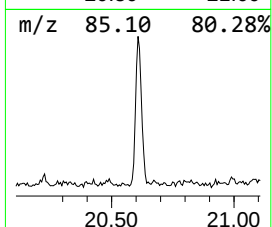
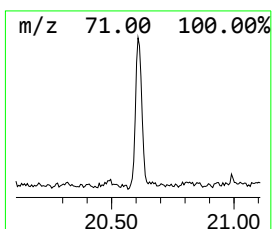
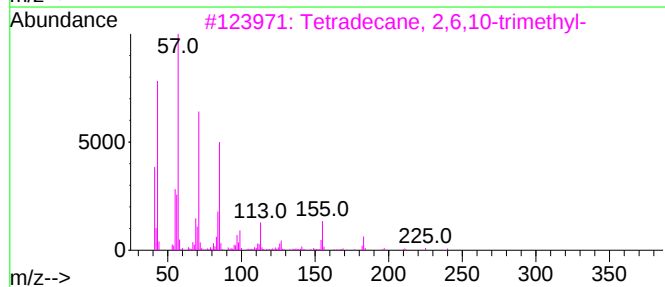
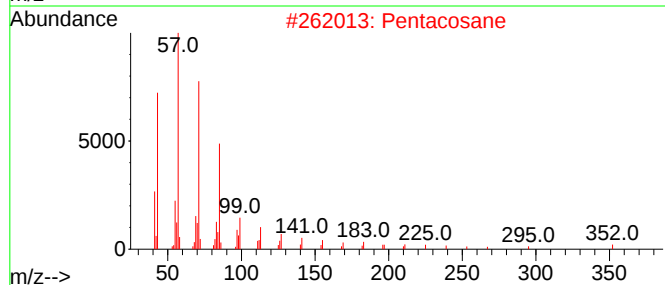
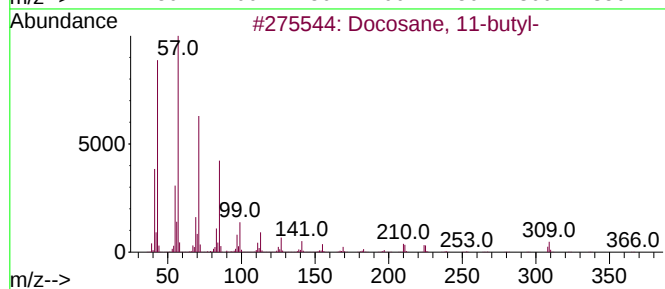
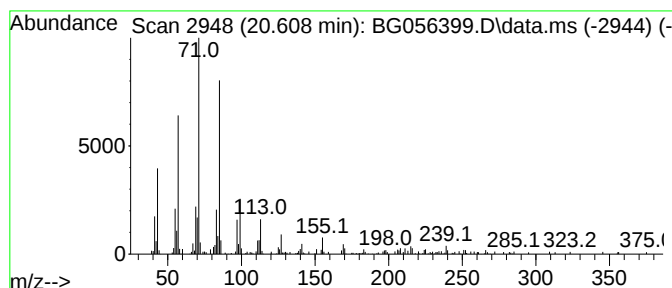
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ClientSampleId :
TOPSOIL-STMWTR-DENALI-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Docosane, 11-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.608	5.58 ng	199757	Chrysene-d12		21.936	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-		366	C26H54	013475-76-8	90
2	Pentacosane		352	C25H52	000629-99-2	90
3	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	87
4	Tetracosane		338	C24H50	000646-31-1	86
5	Eicosane, 1-iodo-		408	C20H41I	1000406-31-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056399.D
Acq On : 24 Jan 2023 12:06
Operator : CG/JU
Sample : 01152-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-STMWTR-DENALI-2

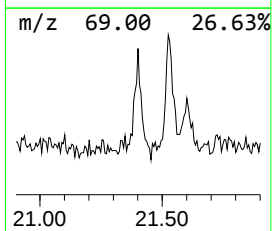
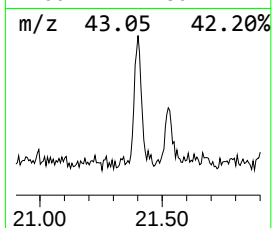
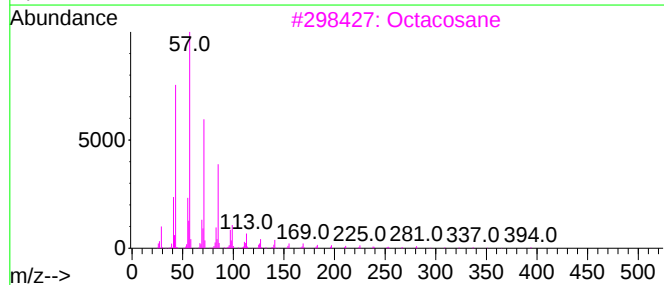
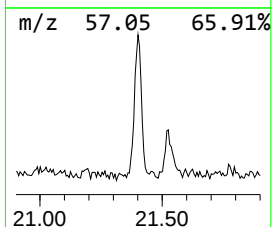
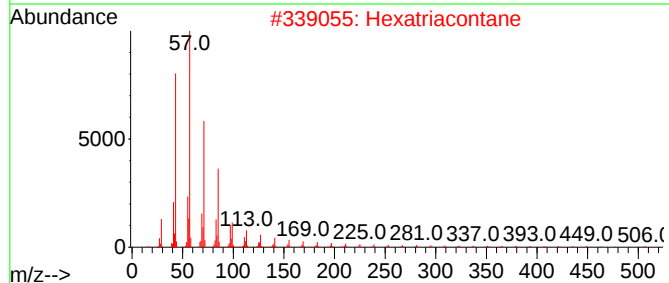
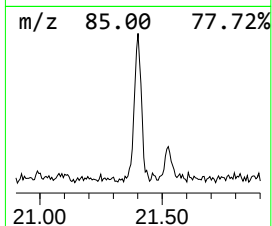
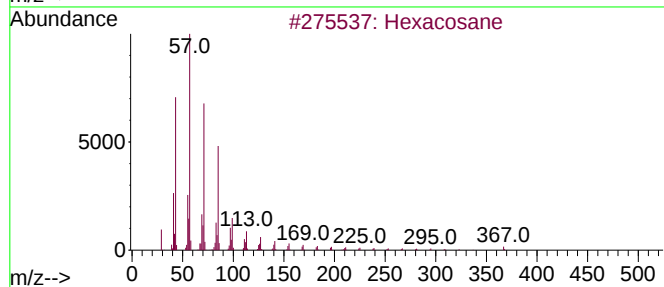
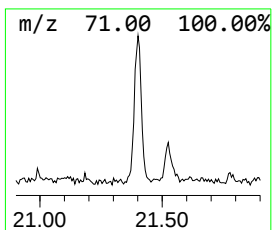
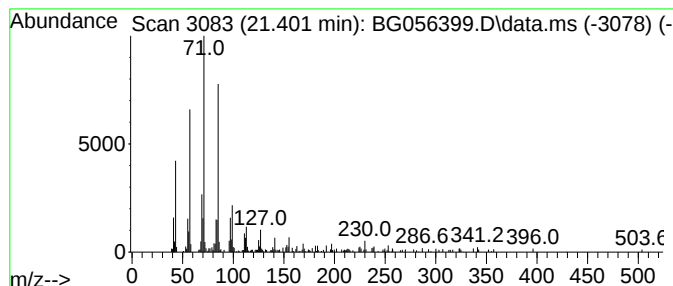
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.401	5.33 ng	190644	Chrysene-d12	21.936

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Hexatriacontane	507	C36H74	000630-06-8	90
3			Octacosane	394	C28H58	000630-02-4	87
4			10-Methylnonadecane	282	C20H42	056862-62-5	87
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056399.D
Acq On : 24 Jan 2023 12:06
Operator : CG/JU
Sample : 01152-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-STMWTR-DENALI-2

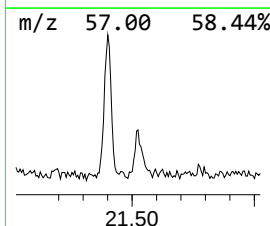
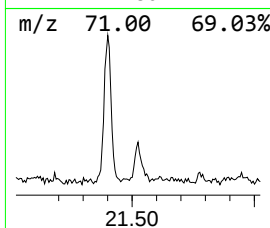
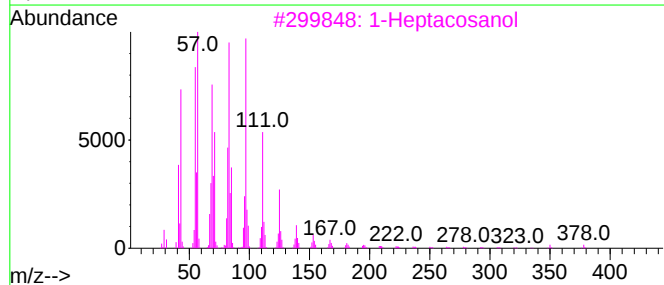
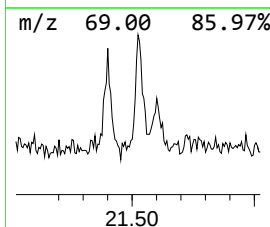
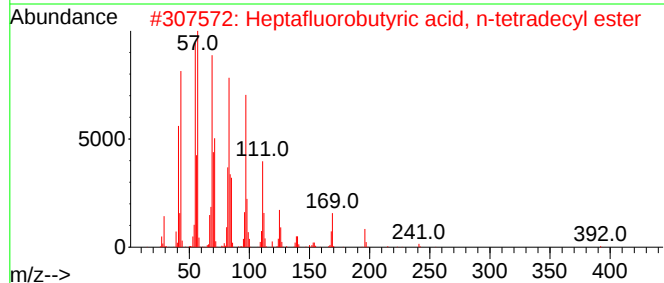
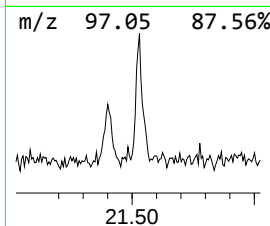
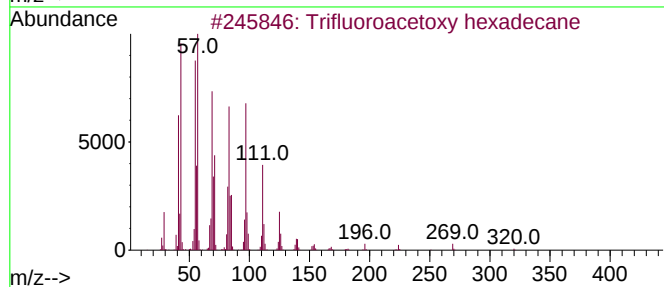
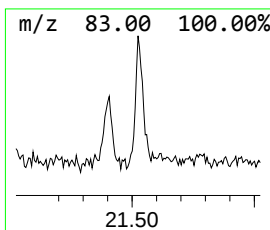
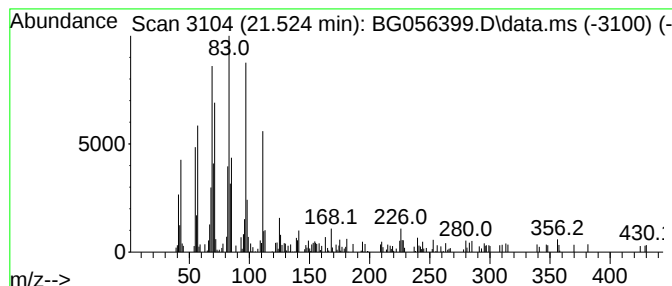
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trifluoroacetoxy hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.524	3.52 ng	125800	Chrysene-d12	21.936

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
3			1-Heptacosanol	396	C27H56O	002004-39-9	90
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	78
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056399.D
Acq On : 24 Jan 2023 12:06
Operator : CG/JU
Sample : 01152-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

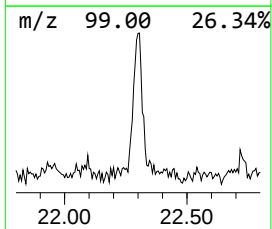
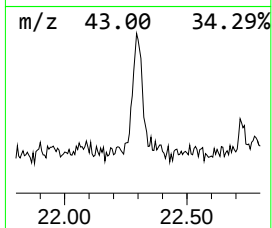
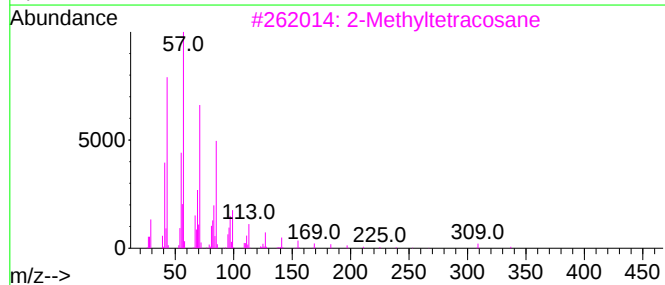
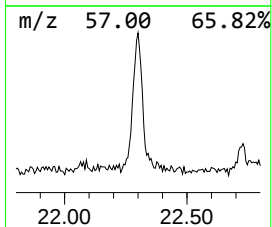
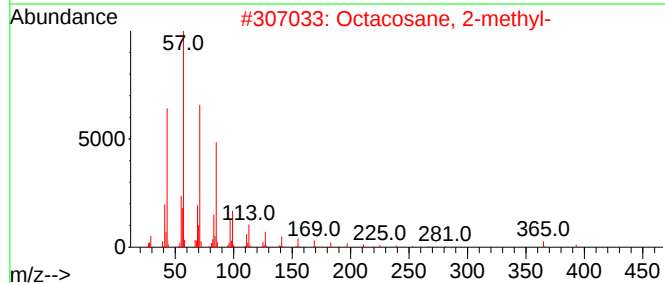
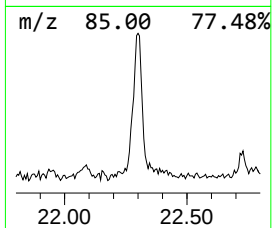
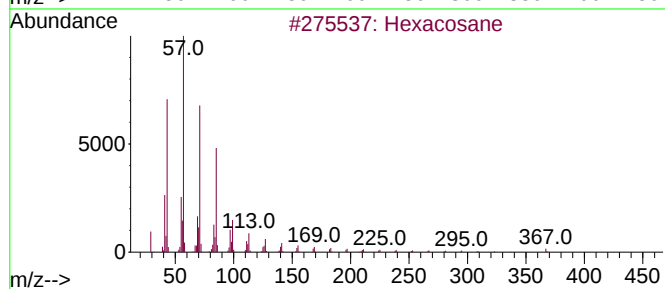
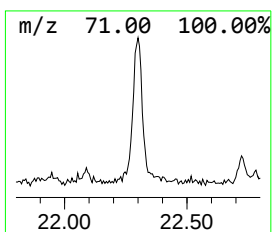
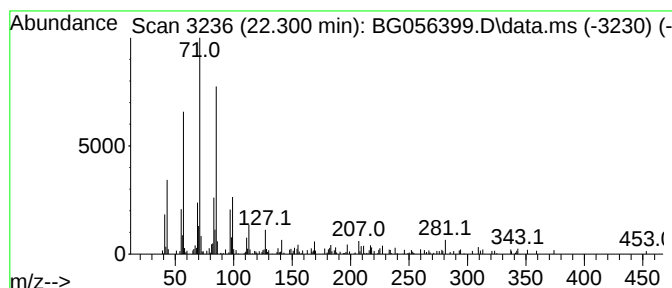
Instrument :
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ClientSampleId :
TOPSOIL-STMWTR-DENALI-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.300	4.80 ng	171810	Chrysene-d12	21.936	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	2-Methyltetracosane	352	C25H52	001560-78-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056399.D
Acq On : 24 Jan 2023 12:06
Operator : CG/JU
Sample : 01152-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-STMWTR-DENALI-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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
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Benzophenone	16.248	11.3	ng	264681	3	14.909	470452	20.0
n-Hexadecanoic ...	18.499	24.6	ng	744116	4	17.647	604302	20.0
unknown18.781	18.781	5.6	ng	168287	4	17.647	604302	20.0
Linoleyl methyl...	19.615	2.6	ng	80114	4	17.647	604302	20.0
Octadecanoic acid	19.750	45.6	ng	1378960	4	17.647	604302	20.0
Docosane, 11-bu...	20.608	5.6	ng	199757	5	21.936	715584	20.0
Hexacosane	21.401	5.3	ng	190644	5	21.936	715584	20.0
Trifluoroacetox...	21.524	3.5	ng	125800	5	21.936	715584	20.0
Octacosane, 2-m...	22.300	4.8	ng	171810	5	21.936	715584	20.0