LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060058.D
Acq On : 16 Dec 2023 6:43
Operator : MA/JU
Sample : 05791-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1B-SOIL

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: BG060058.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.138	4	8	14	rBV	224477	295674	2.82%	0.847%
2	3.667	92	98	106	rBV	436908	590145	5.63%	1.691%
3	5.059	328	335	342	rBV	172300	252239	2.41%	0.723%
4	5.523	406	414	425	rBV	1273394	2000476	19.08%	5.733%
5	7.116	676	685	693	rBV	1371575	2316911	22.10%	6.639%
6	7.956	819	828	834	rBV	229282	383284	3.66%	1.098%
7	9.113	1017	1025	1032	rBV	830538	1449419	13.82%	4.153%
8	10.759	1297	1305	1312	rVB	323566	566408	5.40%	1.623%
9	13.214	1714	1723	1732	rBV	2766130	4238329	40.43%	12.145%
10	14.589	1951	1957	1965	rVB	595397	928039	8.85%	2.659%
11	16.082	2203	2211	2224	rBV	2824480	4236127	40.40%	12.139%
12	17.339	2419	2425	2432	rBV	987773	1486209	14.18%	4.259%
13	18.232	2571	2577	2586	rBV	424937	610009	5.82%	1.748%
14	19.507	2790	2794	2799	rBV2	117014	163123	1.56%	0.467%
15	19.965	2865	2872	2877	rBV	7683669	10484272	100.00%	30.044%
16	21.258	3088	3092	3098	rBV	278274	399256	3.81%	1.144%
17	21.611	3145	3152	3161	rBV	1291902	2106242	20.09%	6.036%
18	24.795	3683	3694	3710	rBV2	764121	2252447	21.48%	6.455%
19	26.099	3909	3916	3924	rBV9	49299	137768	1.31%	0.395%

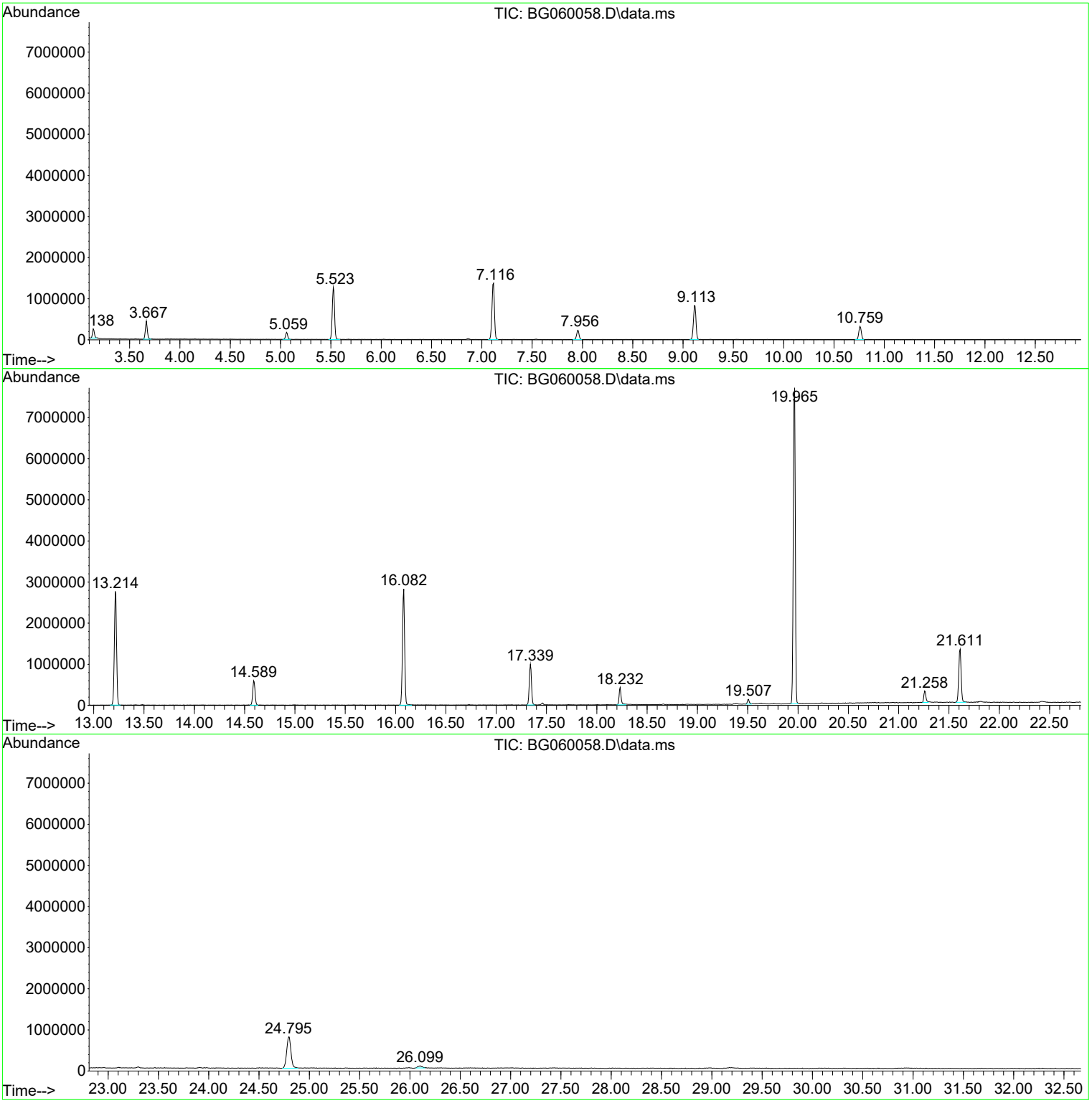
Sum of corrected areas: 34896377

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060058.D
Acq On : 16 Dec 2023 6:43
Operator : MA/JU
Sample : 05791-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1B-SOIL

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\BG121523\
Data File : BG060058.D
Acq On : 16 Dec 2023 6:43
Operator : MA/JU
Sample : 05791-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1B-SOIL

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

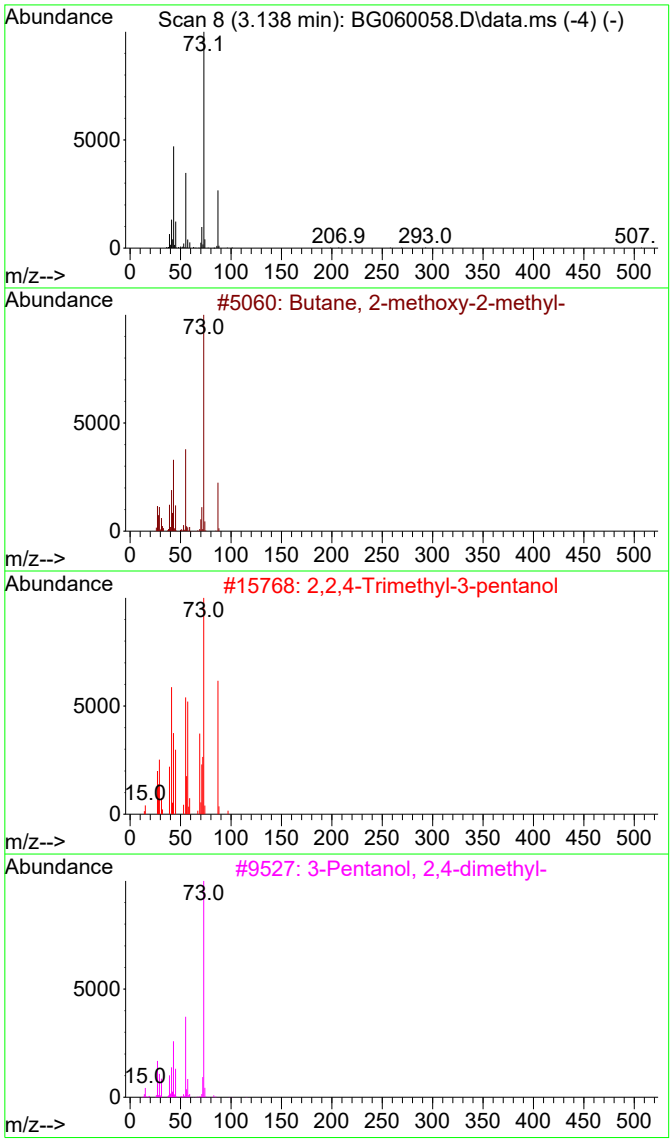
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

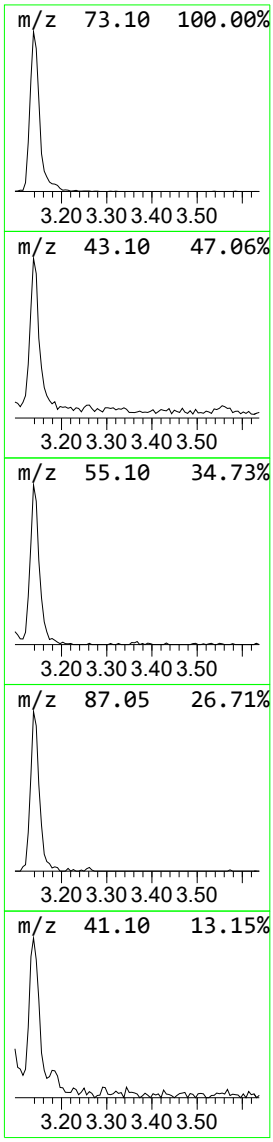
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.138	15.43 ng	295674	1,4-Dichlorobenzene-d4	7.956

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	35
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060058.D
Acq On : 16 Dec 2023 6:43
Operator : MA/JU
Sample : 05791-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1B-SOIL

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

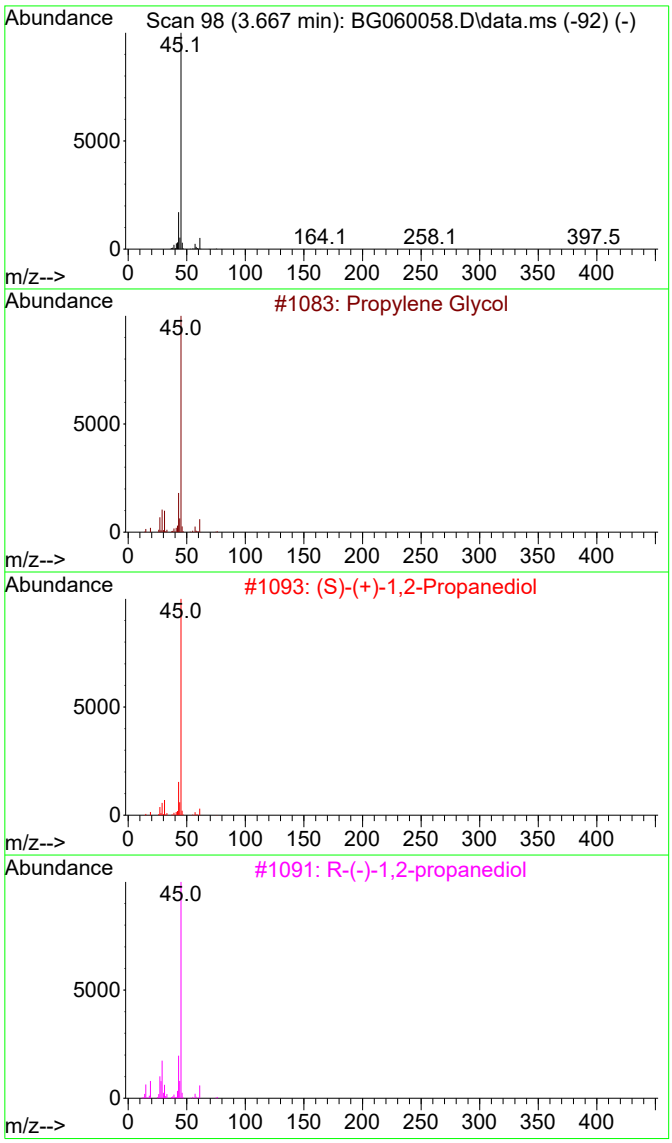
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

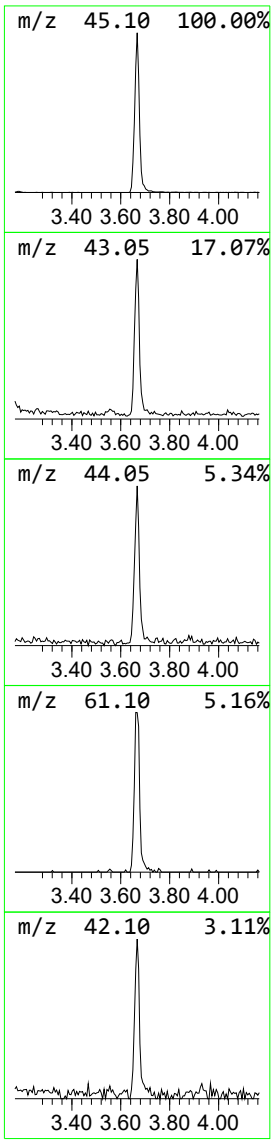
****

Peak Number 2 Propylene Glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.667	30.79 ng	590145	1,4-Dichlorobenzene-d4	7.956

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	83
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
5	Formamide	45	CH3NO	000075-12-7	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060058.D
Acq On : 16 Dec 2023 6:43
Operator : MA/JU
Sample : 05791-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1B-SOIL

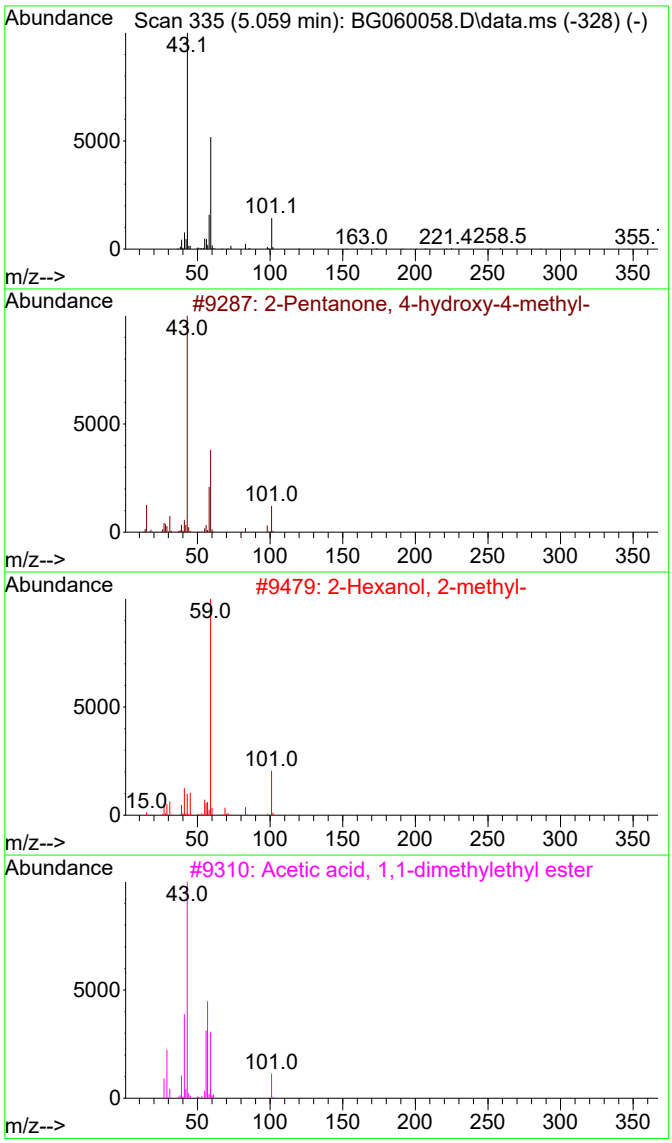
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

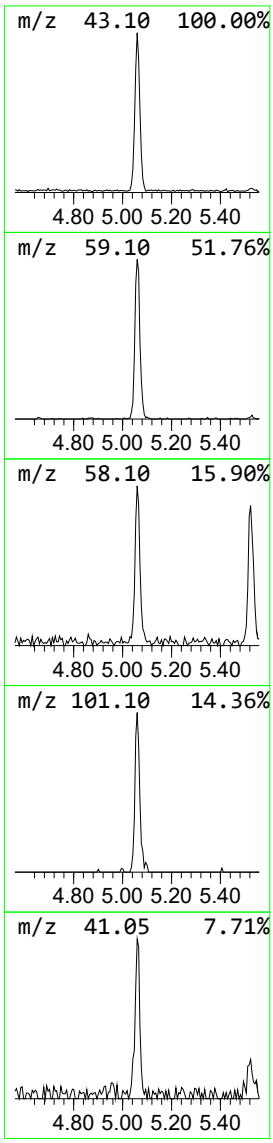
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.059	13.16 ng	252239	1,4-Dichlorobenzene-d4	7.956

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	3-Octanol	130	C8H18O	000589-98-0	28
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060058.D
Acq On : 16 Dec 2023 6:43
Operator : MA/JU
Sample : 05791-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1B-SOIL

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

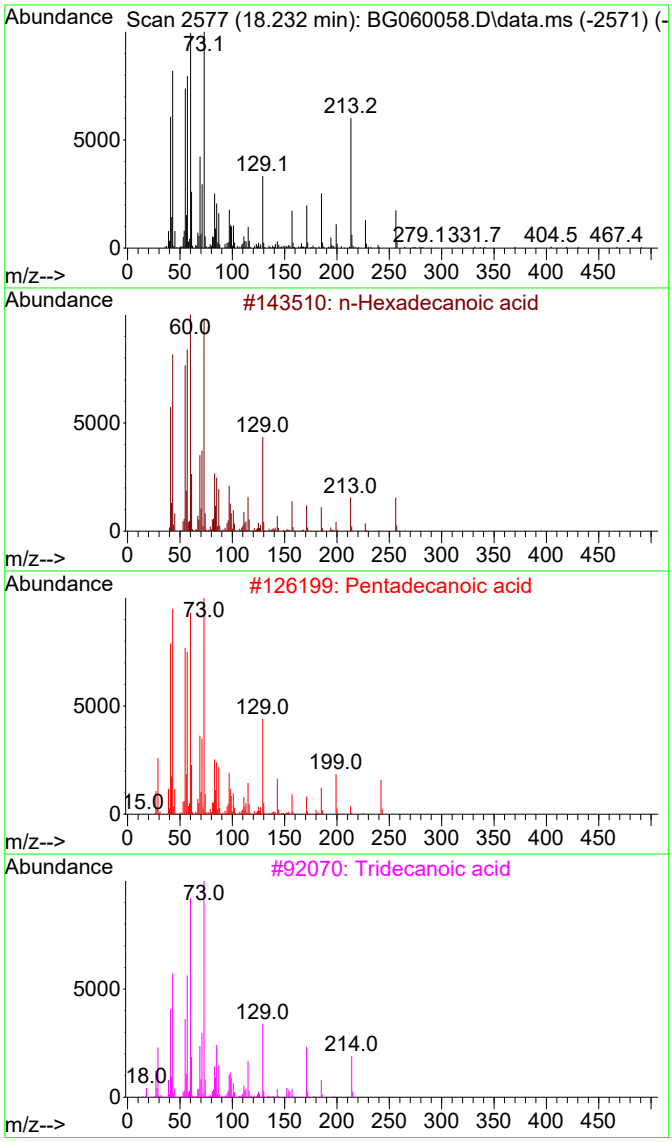
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

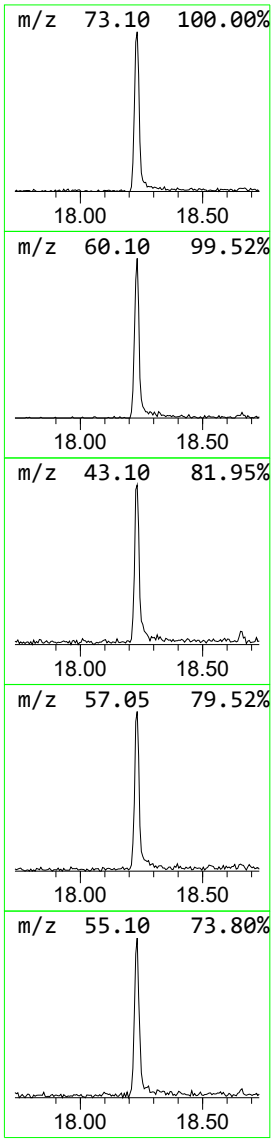
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.232	8.21 ng	610009	Phenanthrene-d10	17.339

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	60
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060058.D
Acq On : 16 Dec 2023 6:43
Operator : MA/JU
Sample : 05791-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1B-SOIL

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

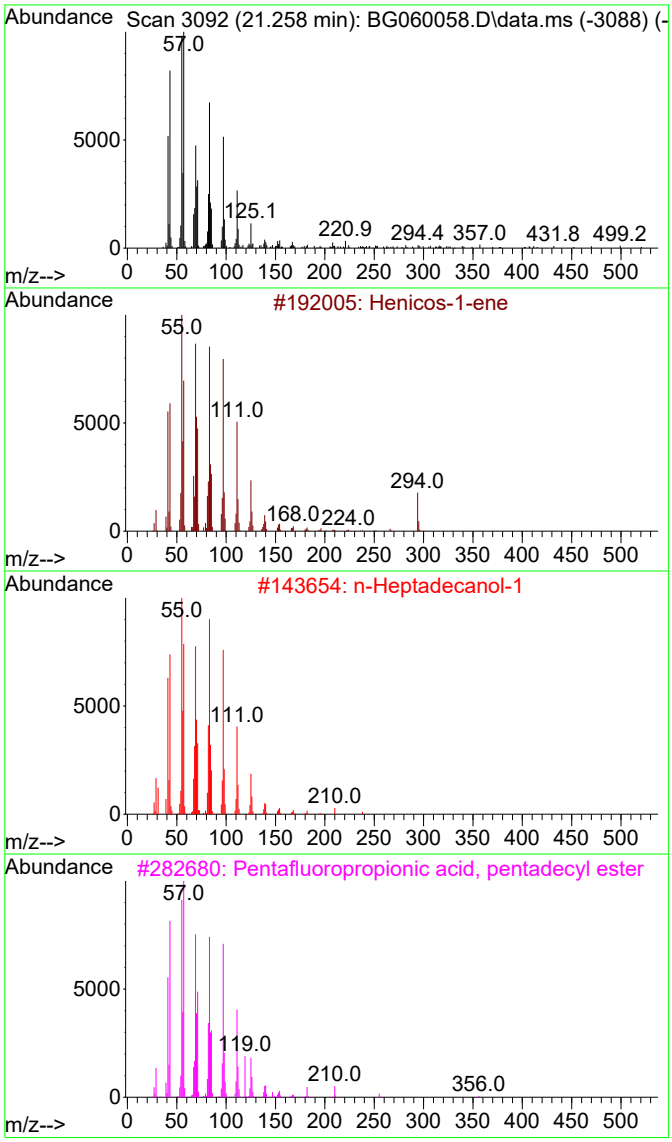
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

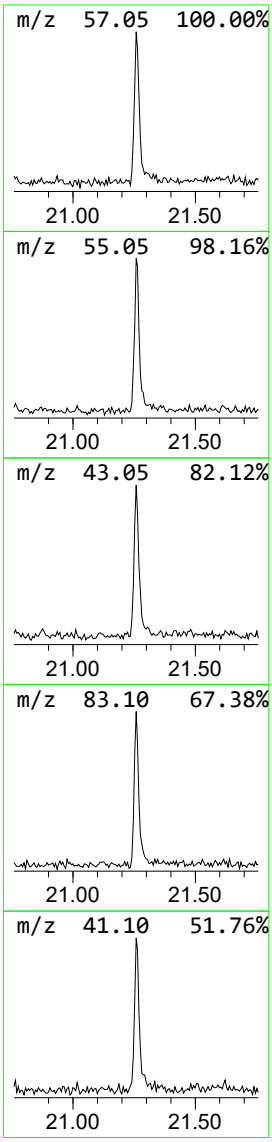
****

Peak Number 5 Henicos-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.258	3.79 ng	399256	Chrysene-d12	21.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Henicos-1-ene	294	C21H42	001599-68-4	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
5	n-Pentadecanol	228	C15H32O	000629-76-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060058.D
Acq On : 16 Dec 2023 6:43
Operator : MA/JU
Sample : 05791-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1B-SOIL

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.138	15.4	ng	295674	1	7.956	383284	20.0
Propylene Glycol	3.667	30.8	ng	590145	1	7.956	383284	20.0
2-Pentanone, 4-...	5.059	13.2	ng	252239	1	7.956	383284	20.0
n-Hexadecanoic ...	18.232	8.2	ng	610009	4	17.339	1486210	20.0
Henicos-1-ene	21.258	3.8	ng	399256	5	21.610	2106240	20.0