LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049086.D
Acq On : 24 Jun 2021 19:35
Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-GW

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.157	13	20	29	rBV2	127783	345480	11.65%	2.957%
2	3.239	29	34	42	rVB	67063	126576	4.27%	1.084%
3	4.767	290	294	300	rBV2	38909	60091	2.03%	0.514%
4	5.660	440	446	455	rVB	330930	548819	18.50%	4.698%
5	7.258	708	718	728	rBV	203452	366947	12.37%	3.141%
6	8.104	855	862	869	rVB2	116833	207900	7.01%	1.780%
7	9.221	1045	1052	1055	rBV3	30198	56722	1.91%	0.486%
8	9.273	1055	1061	1072	rVB	441866	829932	27.98%	7.104%
9	9.743	1136	1141	1146	rVB	31169	50374	1.70%	0.431%
10	10.172	1208	1214	1222	rVB5	16912	43019	1.45%	0.368%
11	10.319	1232	1239	1245	rBV2	45235	82679	2.79%	0.708%
12	10.924	1333	1342	1347	rBV	152424	300725	10.14%	2.574%
13	10.971	1347	1350	1357	rVV3	40907	73502	2.48%	0.629%
14	13.369	1751	1758	1766	rBV	1079940	1690411	56.99%	14.470%
15	14.743	1984	1992	1998	rBV	248916	399334	13.46%	3.418%
16	16.230	2238	2245	2257	rBV	991072	1595409	53.79%	13.657%
17	17.493	2450	2460	2468	rBV	329989	507846	17.12%	4.347%
18	18.375	2604	2610	2618	rBV	70003	112959	3.81%	0.967%
19	19.638	2820	2825	2831	rBV2	51925	77447	2.61%	0.663%
20	20.102	2897	2904	2911	rVB	2203034	2966033	100.00%	25.390%
21	21.412	3124	3127	3135	rVB4	28707	44762	1.51%	0.383%
22	21.782	3183	3190	3196	rVB	331776	570630	19.24%	4.885%
23	25.096	3744	3754	3768	rBV	209108	624503	21.06%	5.346%

Sum of corrected areas: 11682100

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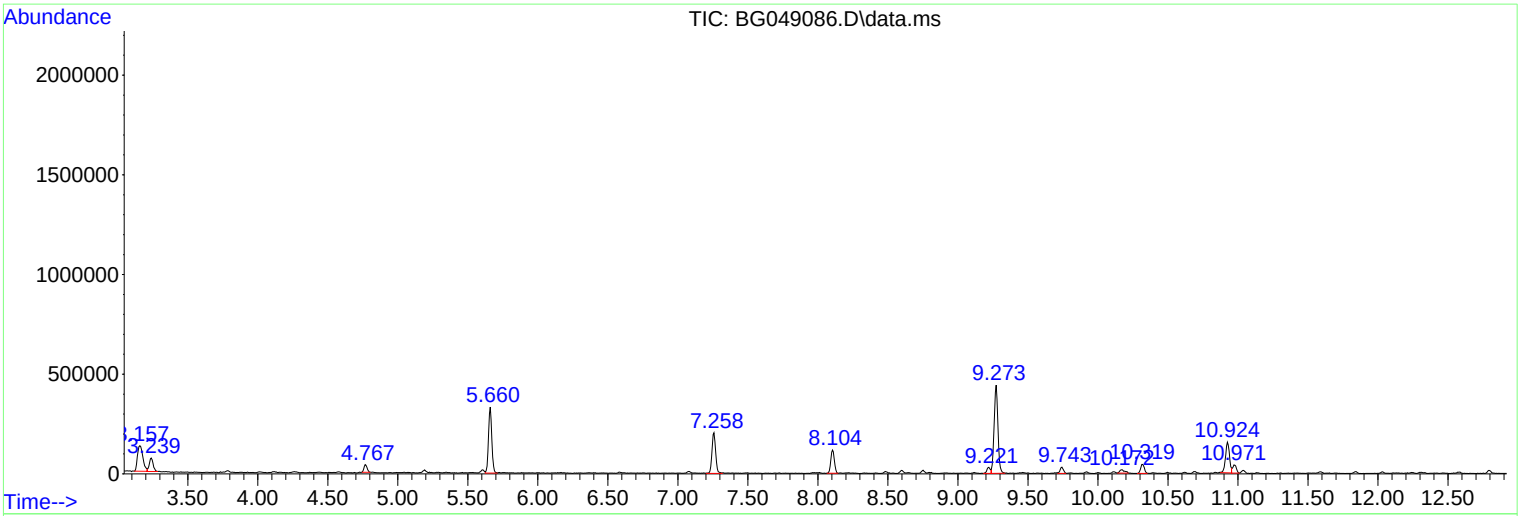
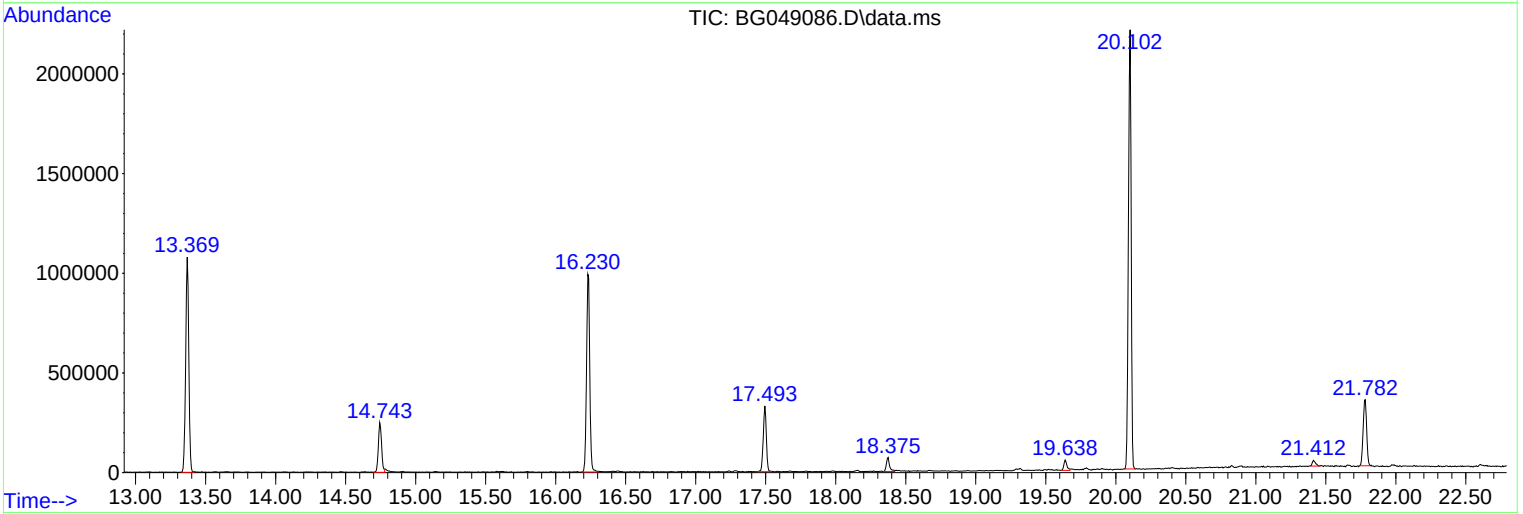
Acq On : 24 Jun 2021 19:35
Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

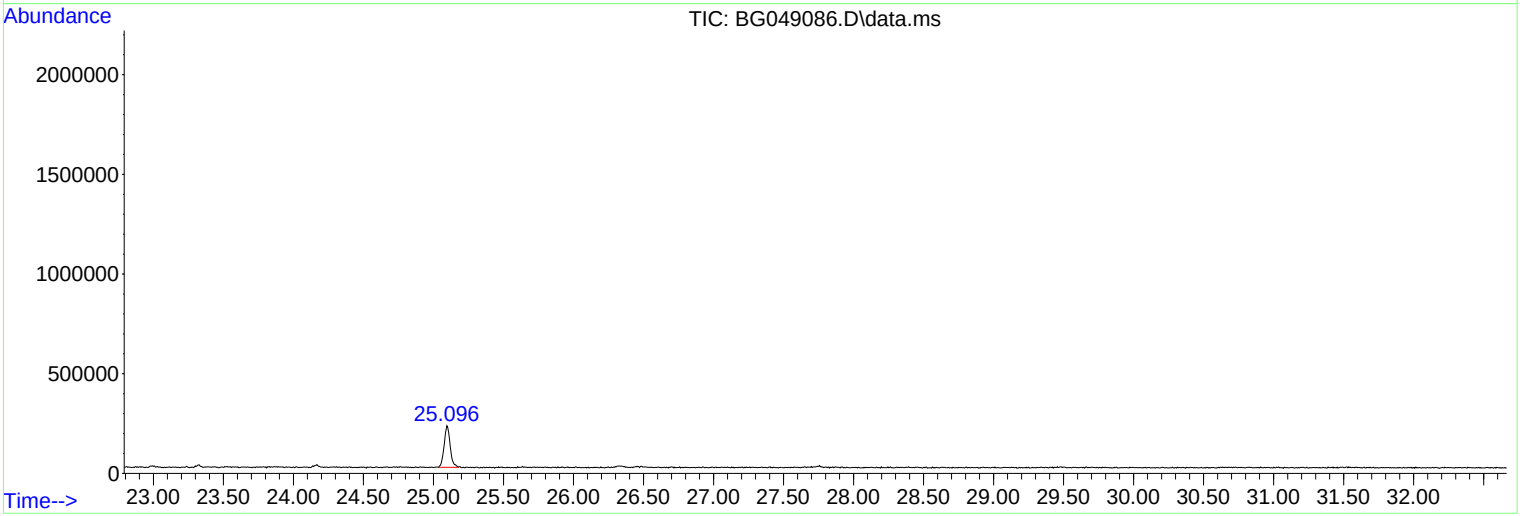
Instrument :
BNA_G
ClientSampleId :
SB-1-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Data File : BG049086.D
Acq On : 24 Jun 2021 19:35
Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

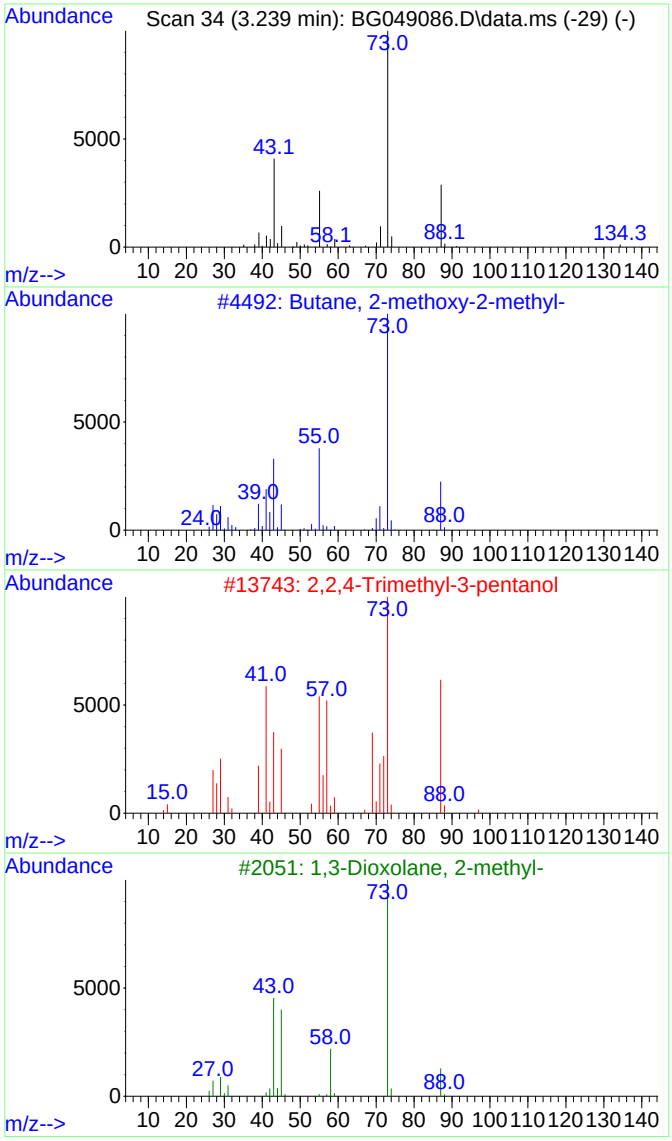
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

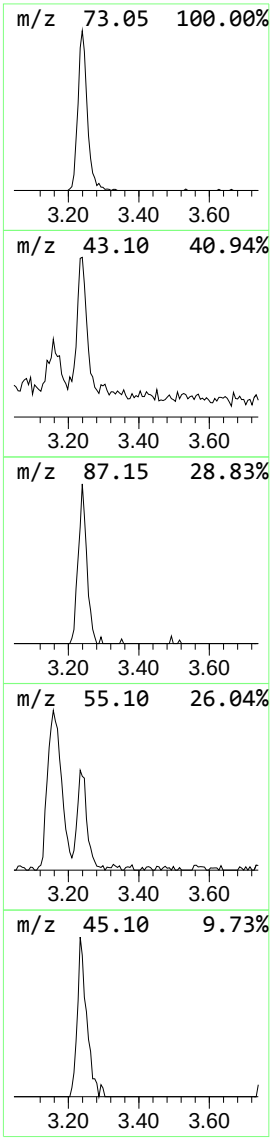
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.239	12.18 ng	126576	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





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Data File : BG049086.D
Acq On : 24 Jun 2021 19:35
Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

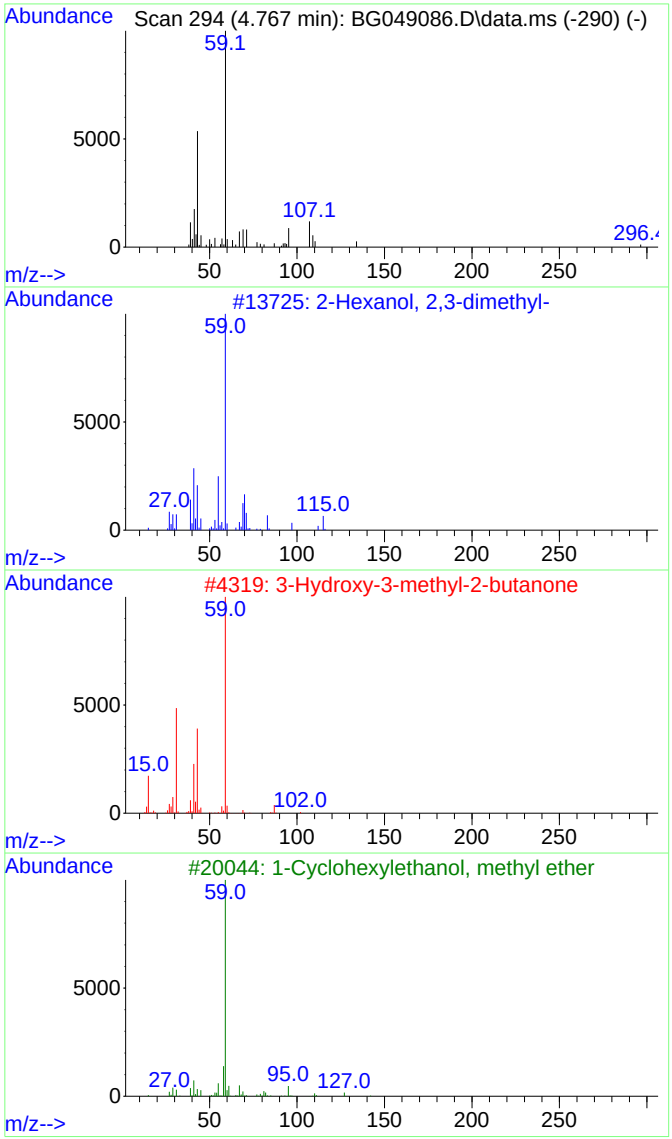
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

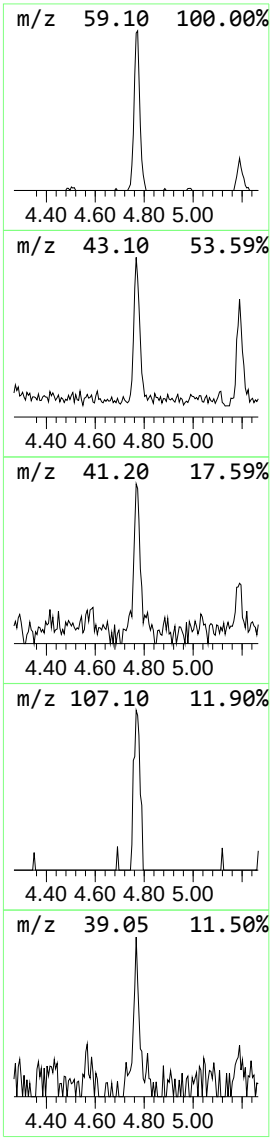
****

Peak Number 3 2-Hexanol, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.767	5.78 ng	60091	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	53
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	42
3	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	38
4	1-Chloro-2-ethoxyethane	108	C4H9ClO	000628-34-2	38
5	Cyclooctanemethanol, .alpha.,.al...	170	C11H22O	016624-06-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049086.D
Acq On : 24 Jun 2021 19:35
Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-GW

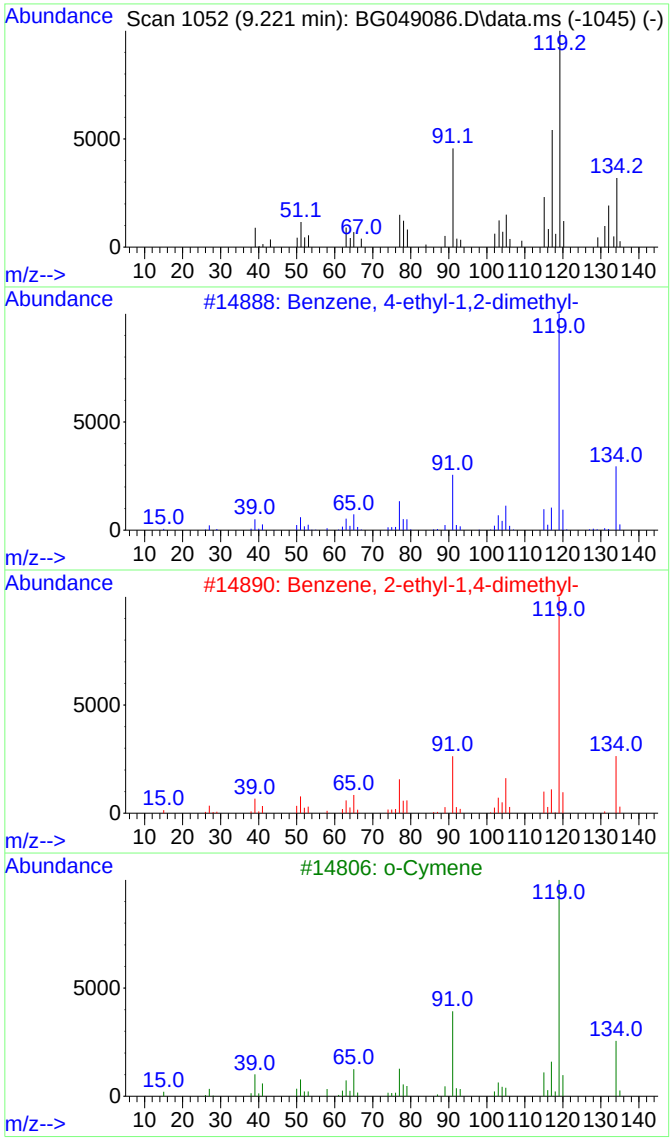
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

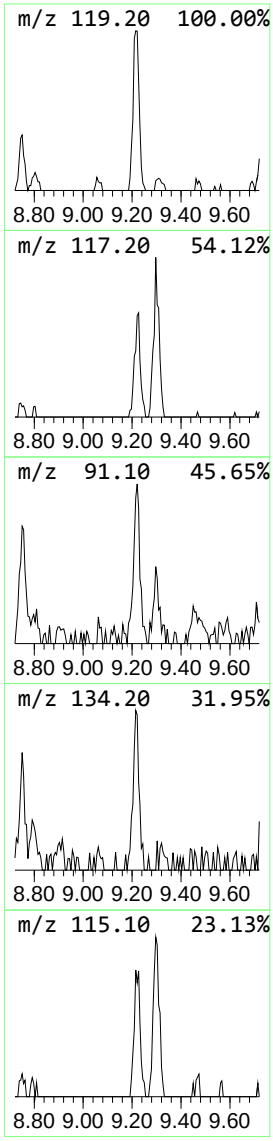
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.221	5.46 ng	56722	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049086.D
Acq On : 24 Jun 2021 19:35
Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-GW

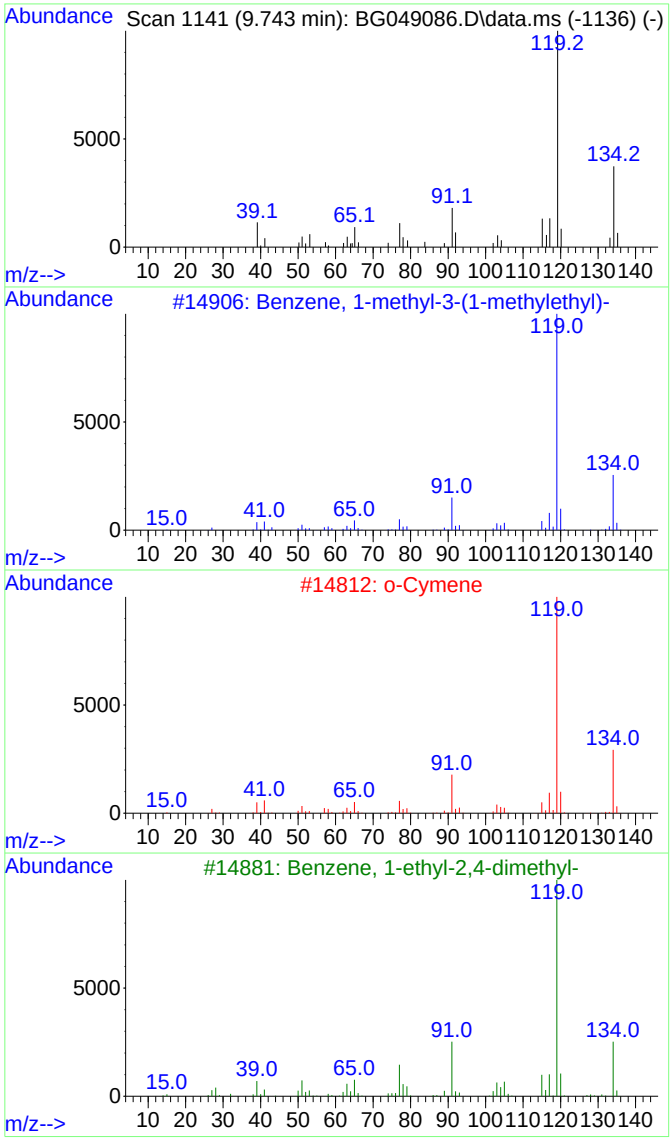
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

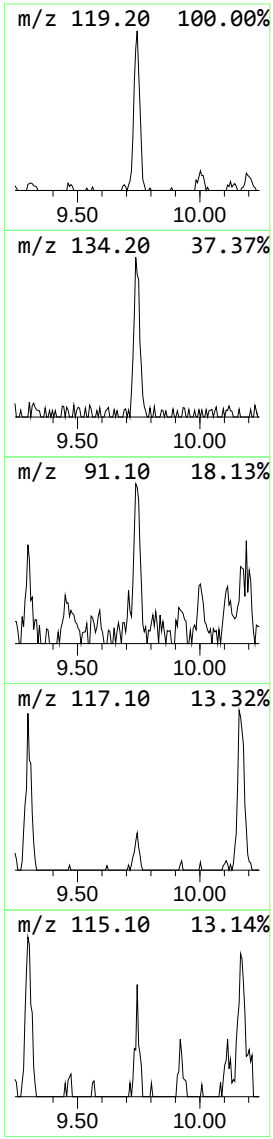
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.743	3.35 ng	50374	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Acq On : 24 Jun 2021 19:35
Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-GW

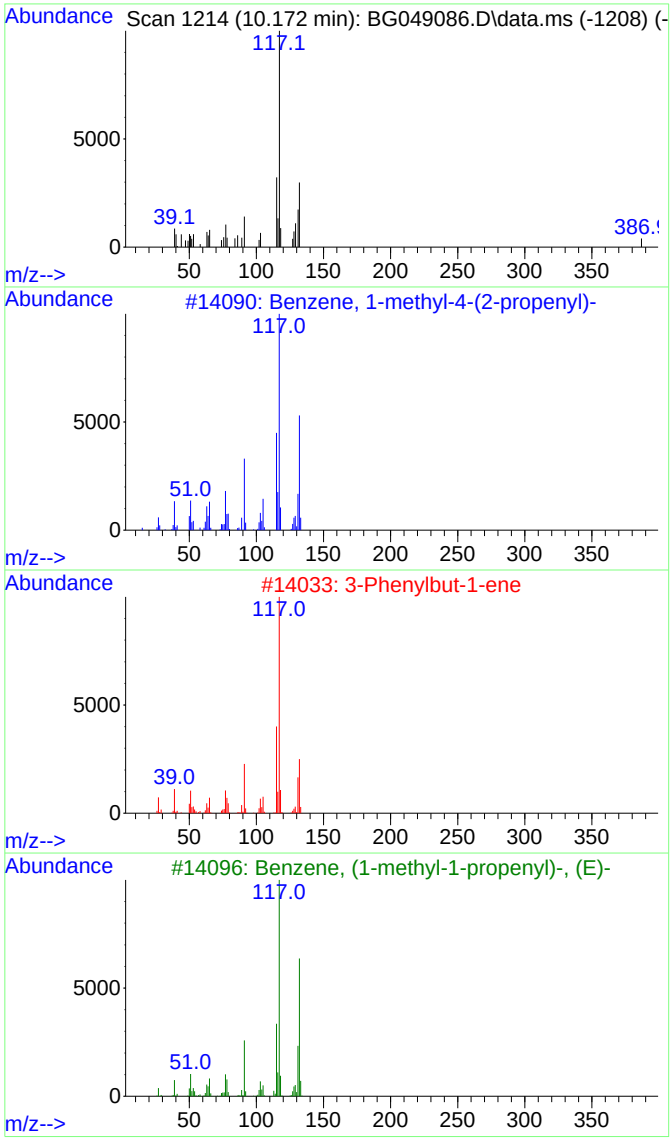
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

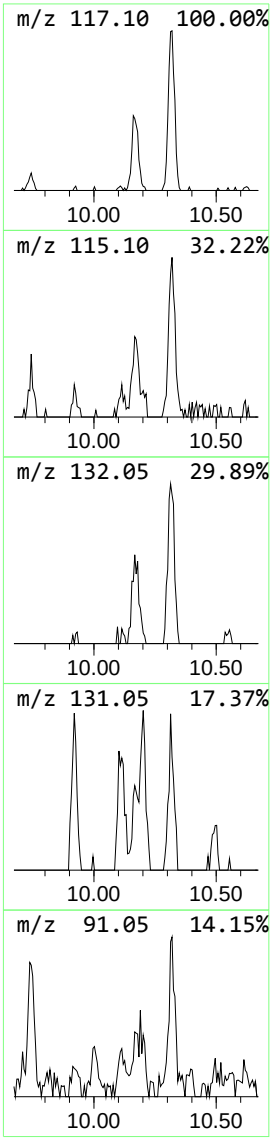
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-4-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.172	2.86 ng	43019	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049086.D
Acq On : 24 Jun 2021 19:35
Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1-GW

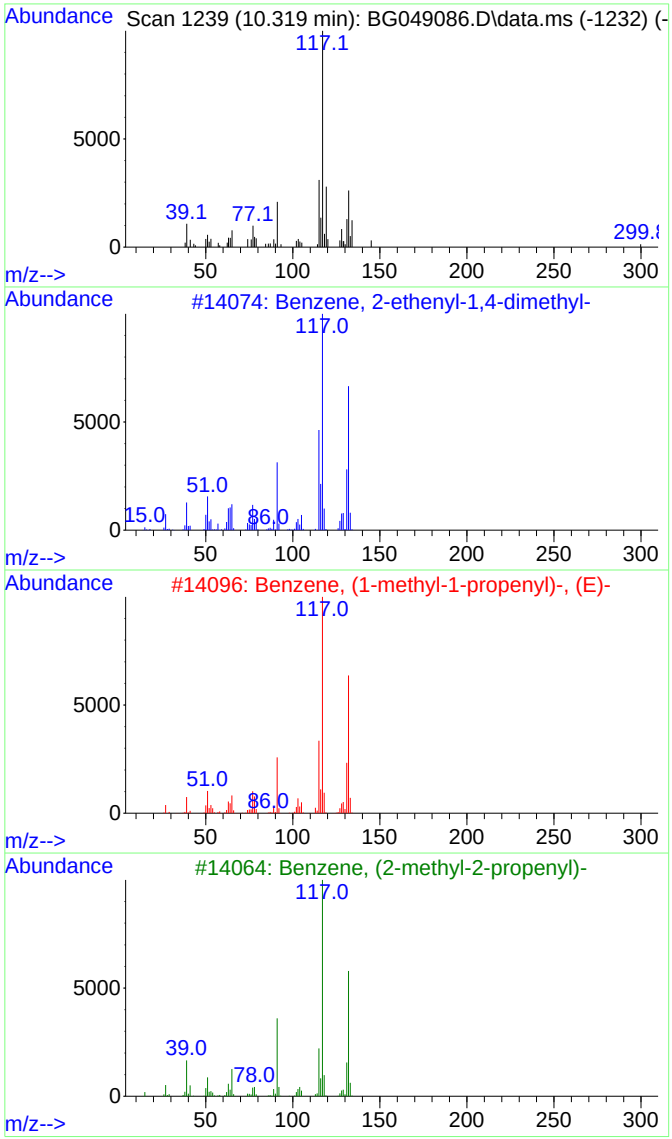
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

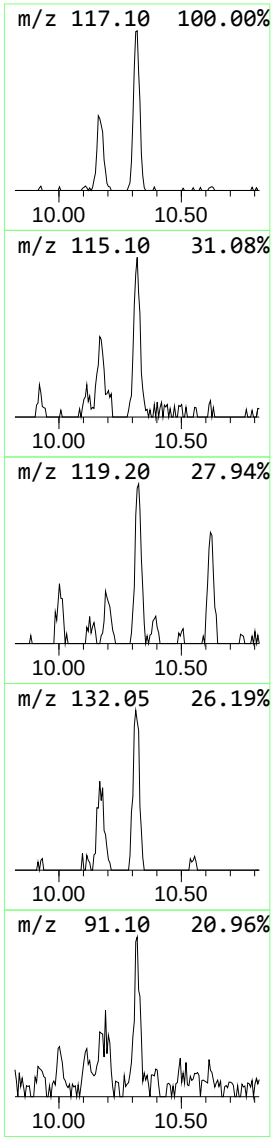
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.319	5.50 ng	82679	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





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Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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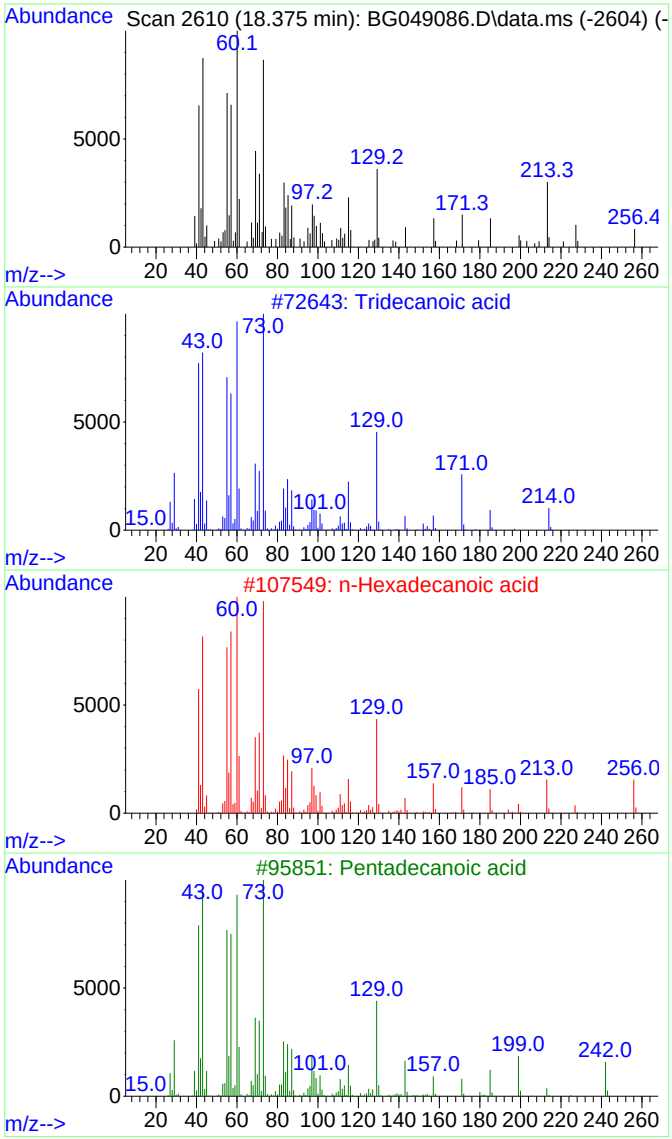
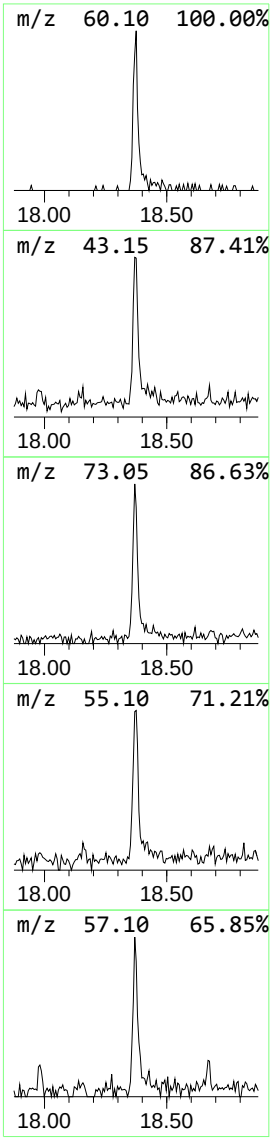
****

Peak Number 8 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	4.45 ng	112959	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

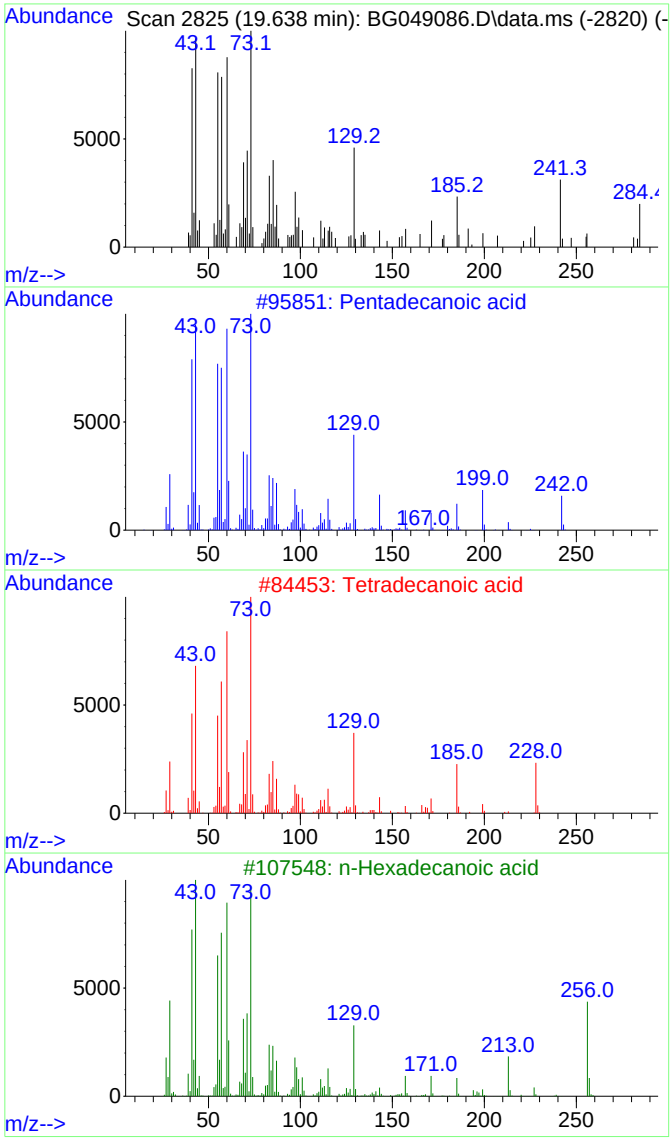
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

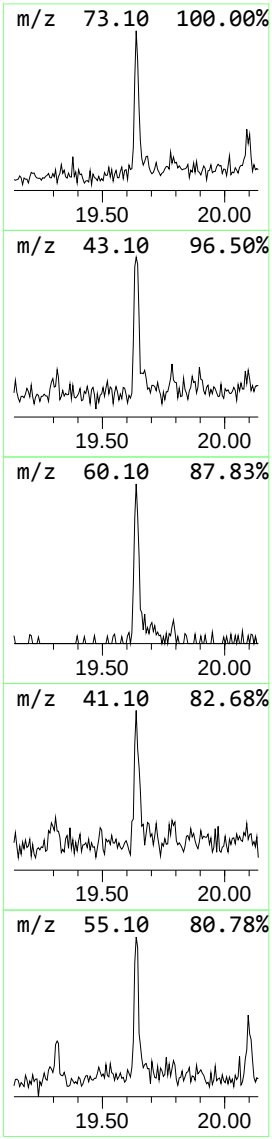
****

Peak Number 9 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.638	2.71 ng	77447	Chrysene-d12	21.782

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	55
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049086.D
Acq On : 24 Jun 2021 19:35
Operator : CG/JU
Sample : M2799-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.239	12.2	ng	126576	1	8.104	207900	20.0
2-Hexanol, 2,3-...	4.767	5.8	ng	60091	1	8.104	207900	20.0
Benzene, 4-ethy...	9.221	5.5	ng	56722	1	8.104	207900	20.0
Benzene, 1-meth...	9.743	3.4	ng	50374	2	10.924	300725	20.0
Benzene, 1-meth...	10.172	2.9	ng	43019	2	10.924	300725	20.0
Benzene, 2-ethe...	10.319	5.5	ng	82679	2	10.924	300725	20.0
Tridecanoic acid	18.375	4.5	ng	112959	4	17.493	507846	20.0
Pentadecanoic acid	19.638	2.7	ng	77447	5	21.782	570630	20.0