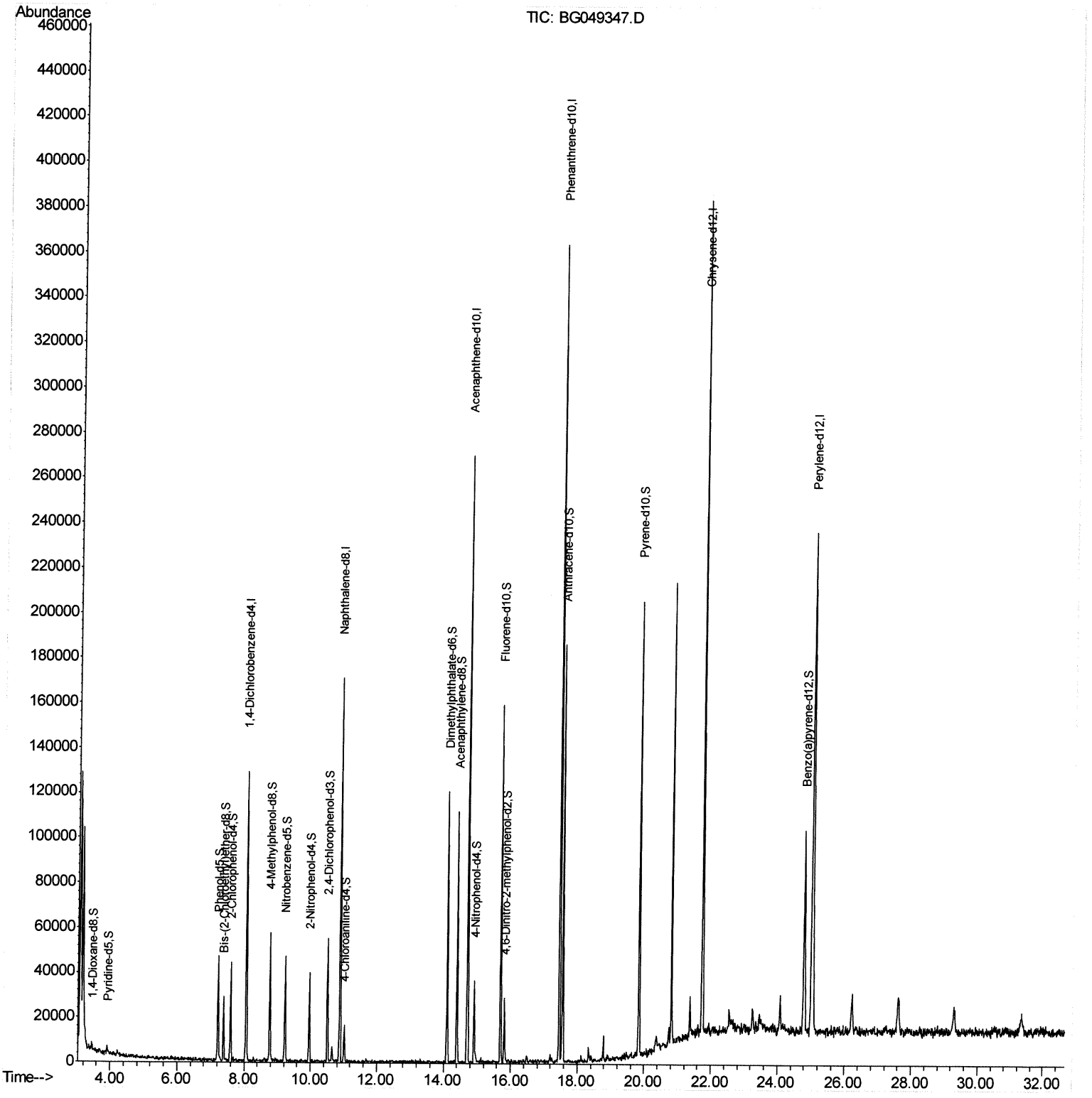
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049347.D
Acq On : 15 Jul 2021 3:43
Operator : CG/JU
Sample : M2971-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 04:47:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGE99

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:37 AM

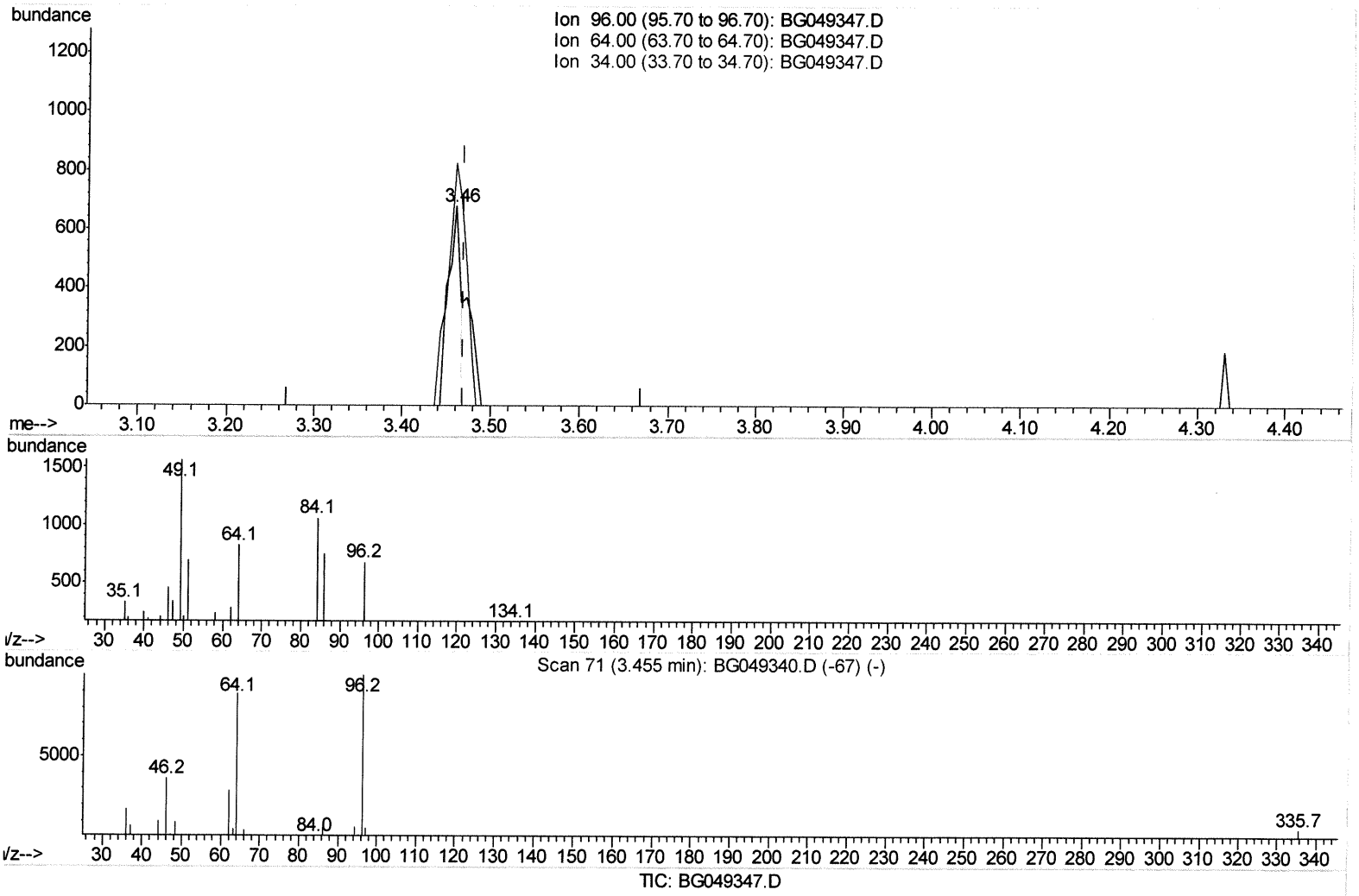


Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049347.D
Acq On : 15 Jul 2021 3:43
Operator : CG/JU
Sample : M2971-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 04:44:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGE99

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:37 AM



TIC: BG049347.D

(3) 1,4-Dioxane-d8 (S)

3.461min (-0.009) 0.91ng/uL

response 675

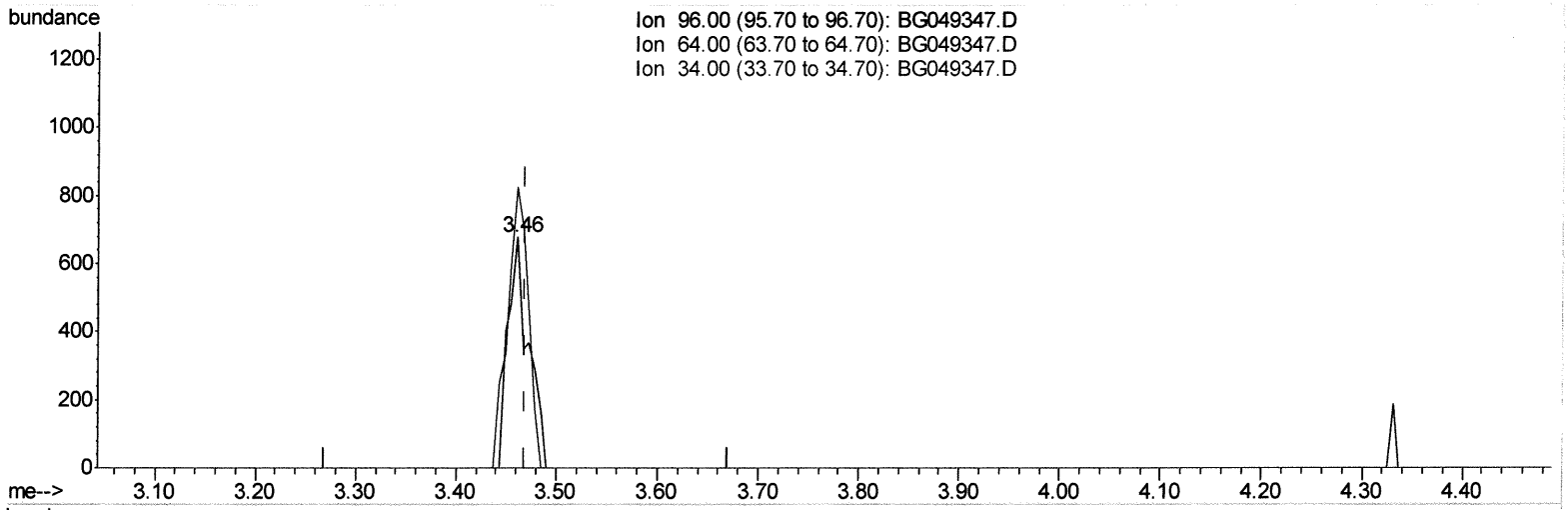
Ion	Exp%	Act%
96.00	100	100
64.00	62.20	121.68#
34.00	0.00	0.00
0.00	0.00	0.00

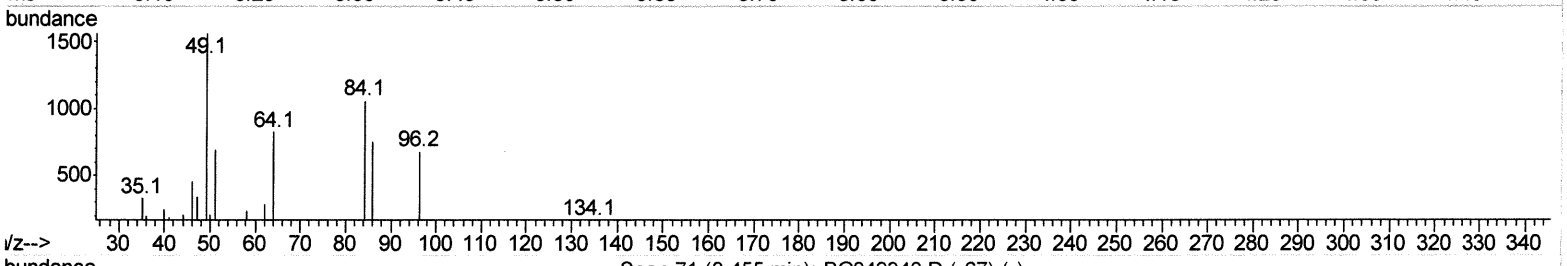
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049347.D
Acq On : 15 Jul 2021 3:43
Operator : CG/JU
Sample : M2971-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

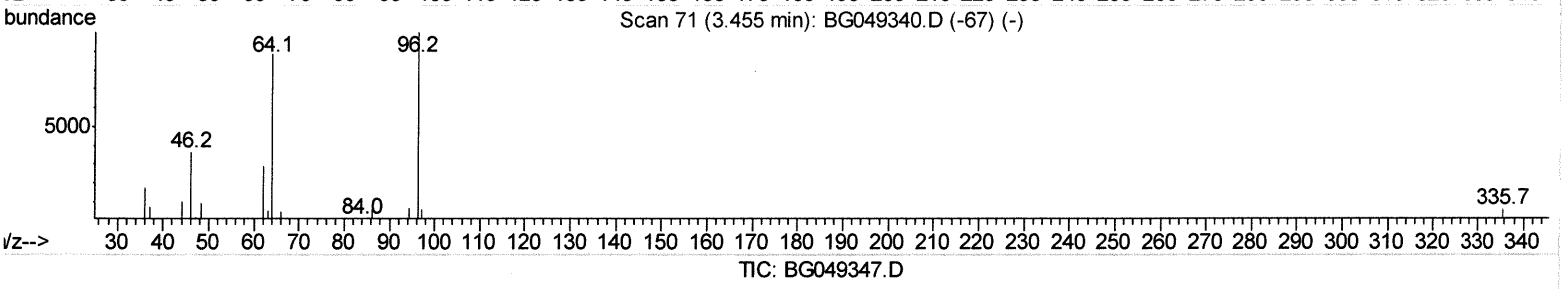
Quant Time: Jul 15 04:44:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGE99

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:37 AM







TIC: BG049347.D

(3) 1,4-Dioxane-d8 (S)

3.461min (-0.009) 1.30ng/uL m

7/16/21

response 963

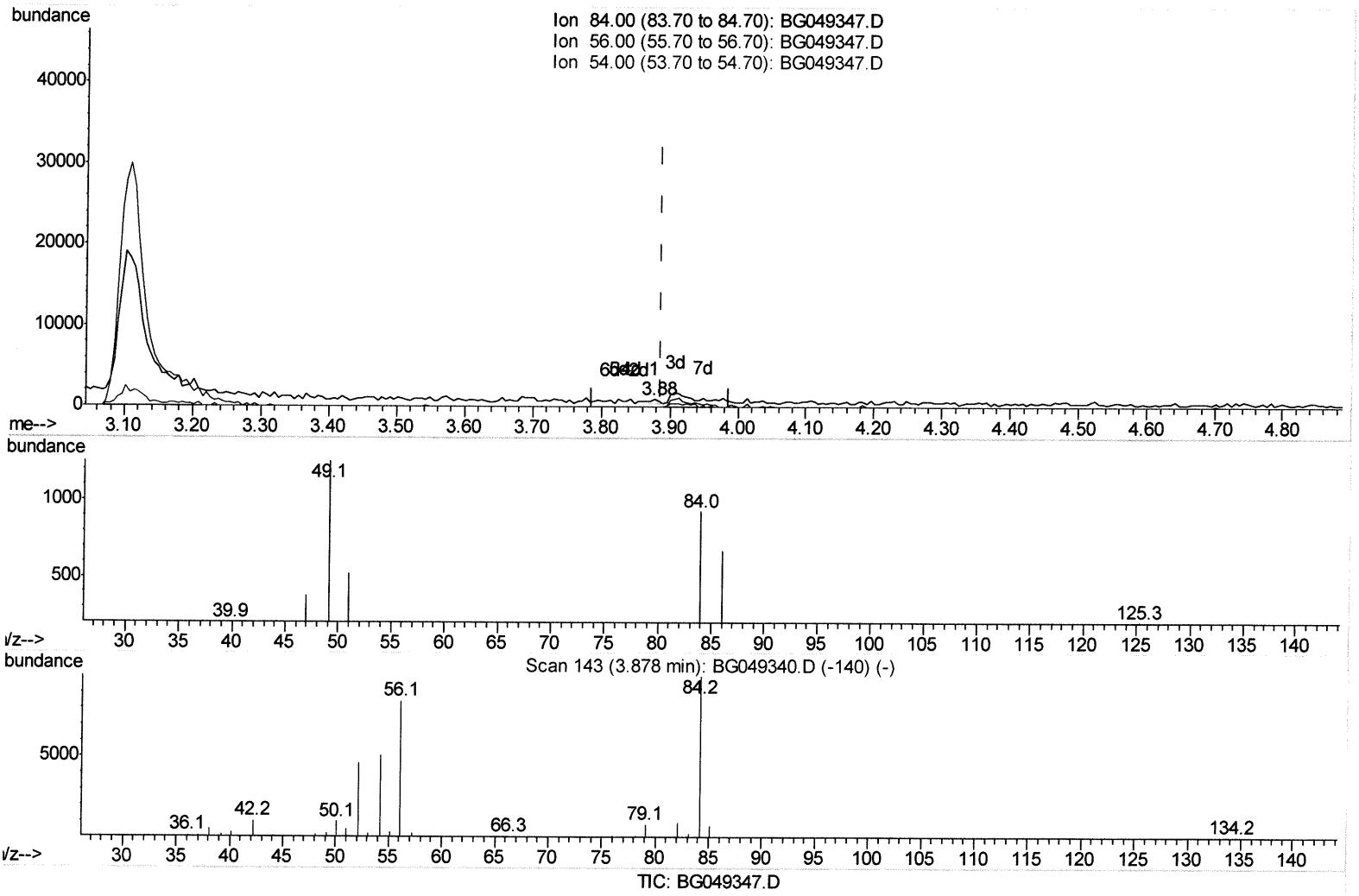
Ion	Exp%	Act%
96.00	100	100
64.00	62.20	121.68#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049347.D
Acq On : 15 Jul 2021 3:43
Operator : CG/JU
Sample : M2971-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 04:45:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGE99

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:37 AM



TIC: BG049347.D

(4) Pyridine-d5 (S)

3.878min (-0.009) 0.21ng/ul

response 453

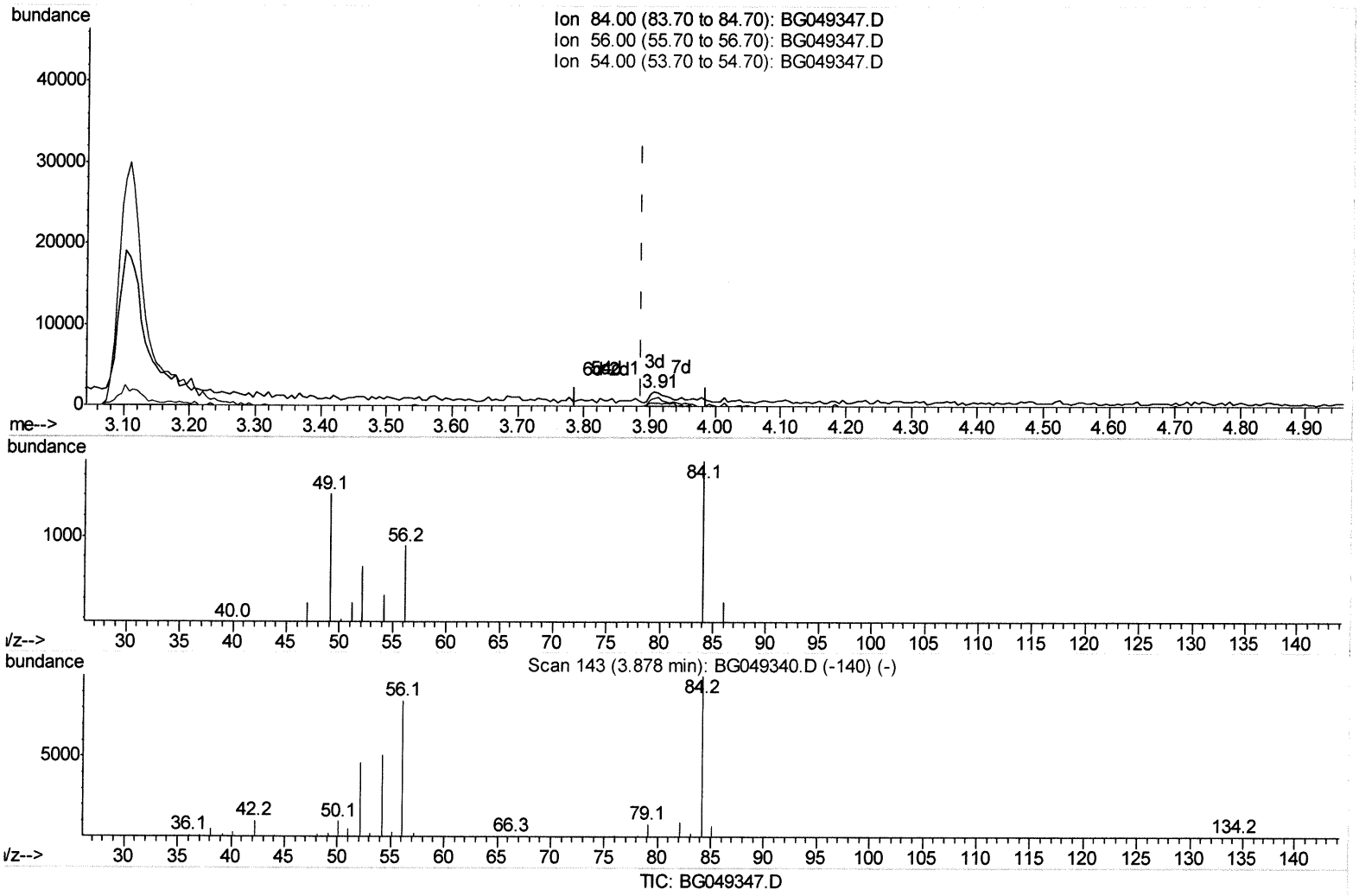
Ion	Exp%	Act%
84.00	100	100
56.00	76.20	0.00#
54.00	42.60	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049347.D
Acq On : 15 Jul 2021 3:43
Operator : CG/JU
Sample : M2971-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 04:45:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGE99

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:37 AM



TIC: BG049347.D

(4) Pyridine-d5 (S)

3.907min (+0.021) 1.54ng/ul m 7/16/21

response 3334

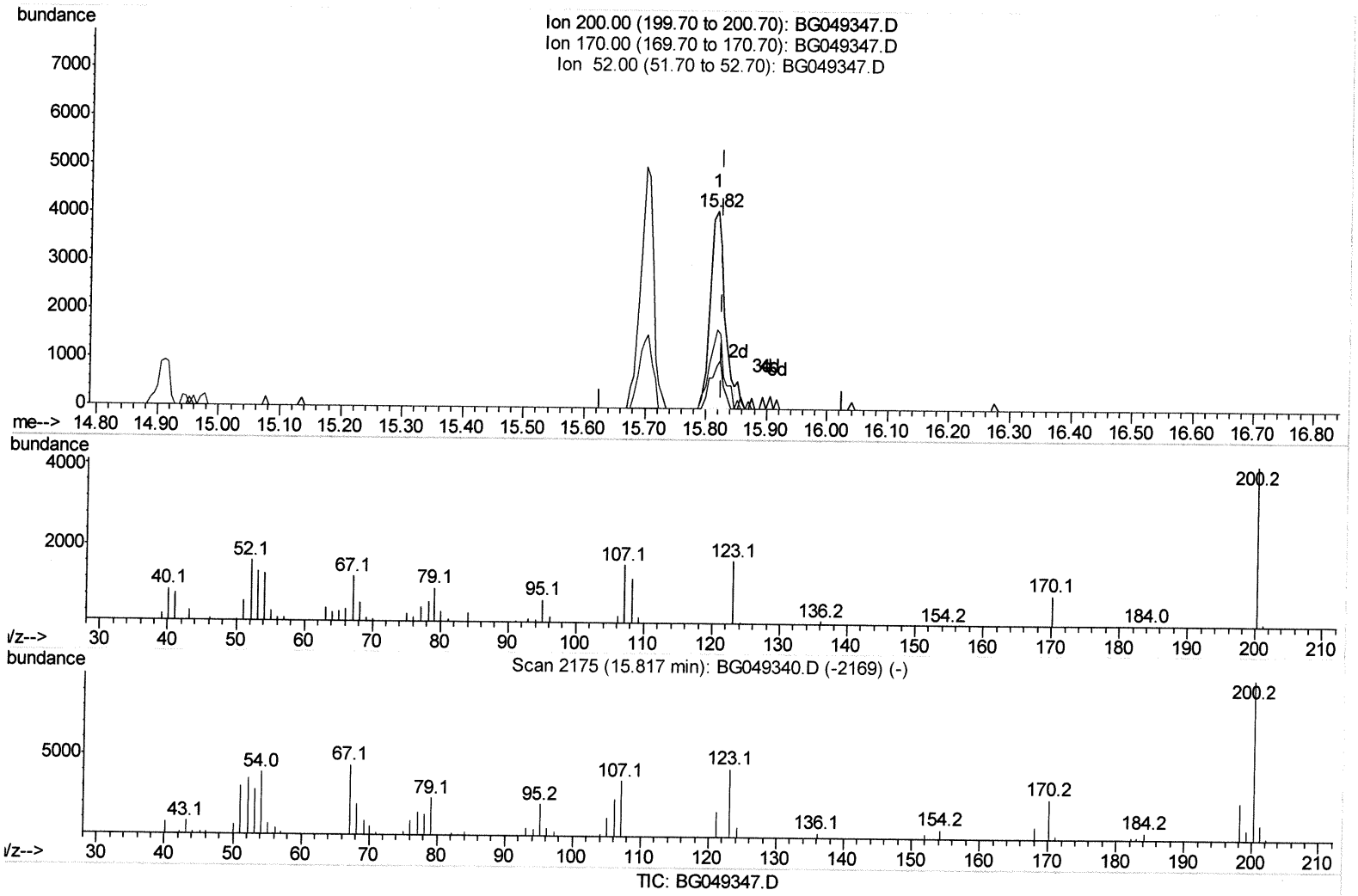
Ion	Exp%	Act%
84.00	100	100
56.00	76.20	52.48#
54.00	42.60	24.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049347.D
Acq On : 15 Jul 2021 3:43
Operator : CG/JU
Sample : M2971-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 04:46:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGE99

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:37 AM



(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.817min (-0.009) 4.52ng/ul

response 6685

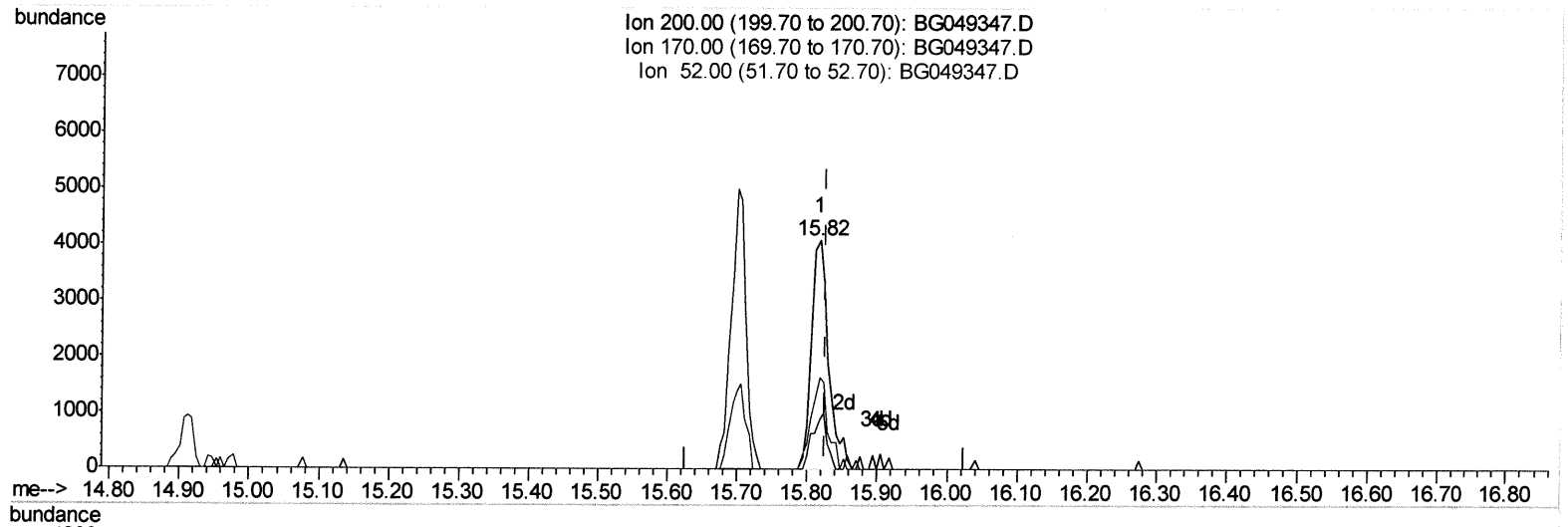
Ion	Exp%	Act%
200.00	100	100
170.00	23.20	21.65
52.00	47.80	39.96
0.00	0.00	0.00

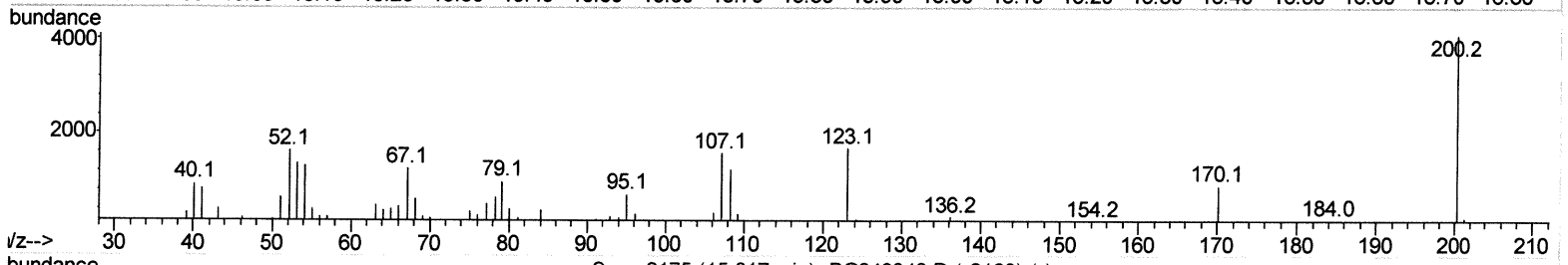
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049347.D
Acq On : 15 Jul 2021 3:43
Operator : CG/JU
Sample : M2971-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 04:46:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

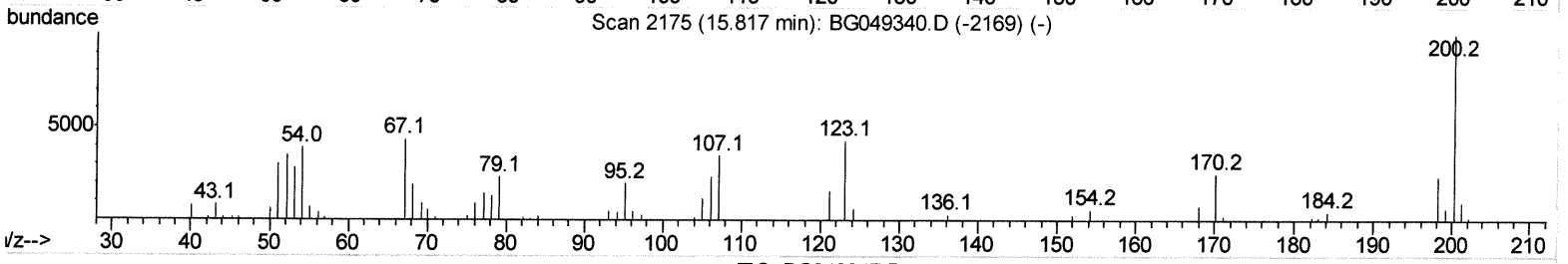
Instrument :
BNA_G
ClientSampleId :
BGE99

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:37 AM





Scan 2175 (15.817 min): BG049340.D (-2169) (-)



TIC: BG049347.D

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.817min (-0.009) 4.70ng/ul m

JU 7/16/21

response 6946

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	21.65
52.00	47.80	39.96
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049347.D
Acq On : 15 Jul 2021 3:43
Operator : CG/JU
Sample : M2971-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE99

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:37 AM

Quant Time: Jul 15 04:47:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	34728	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.88	136	137379	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.71	164	103817	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.46	188	232555	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	240936	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	254803	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	963m	1.30	ng/uL	0.00
4) Pyridine-d5	3.91	84	3334m	1.54	ng/ul	0.02
7) Phenol-d5	7.22	99	23530	7.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	14582	8.32	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	18375	8.23	ng/ul	0.00
15) 4-Methylphenol-d8	8.77	113	20544	8.49	ng/ul	0.00
21) Nitrobenzene-d5	9.23	128	9331	8.85	ng/ul	0.00
24) 2-Nitrophenol-d4	9.95	143	11532	9.53	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.51	165	19407	8.22	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	9018	2.93	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	77464	9.70	ng/ul	0.00
49) Acenaphthylene-d8	14.40	160	81092	8.66	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.91	143	8594	6.50	ng/ul	0.00
60) Fluorene-d10	15.70	176	65359	9.67	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.82	200	6946m	4.70	ng/ul	0.00
73) Anthracene-d10	17.56	188	110187	10.41	ng/ul	-0.01
81) Pyrene-d10	19.84	212	119290	9.66	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.80	264	102967	7.77	ng/ul	-0.02

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Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed