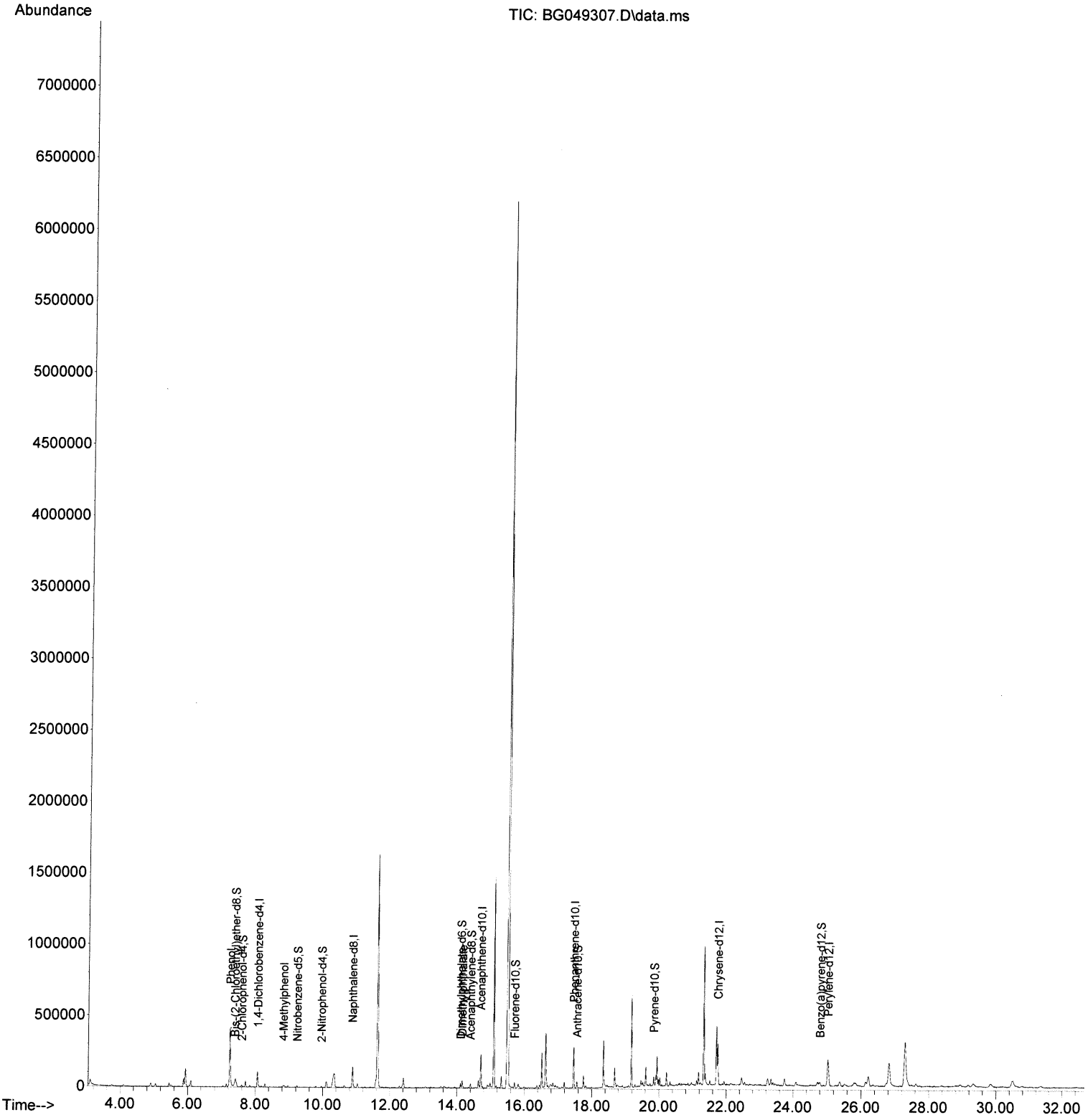
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 01:10:38 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 :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM

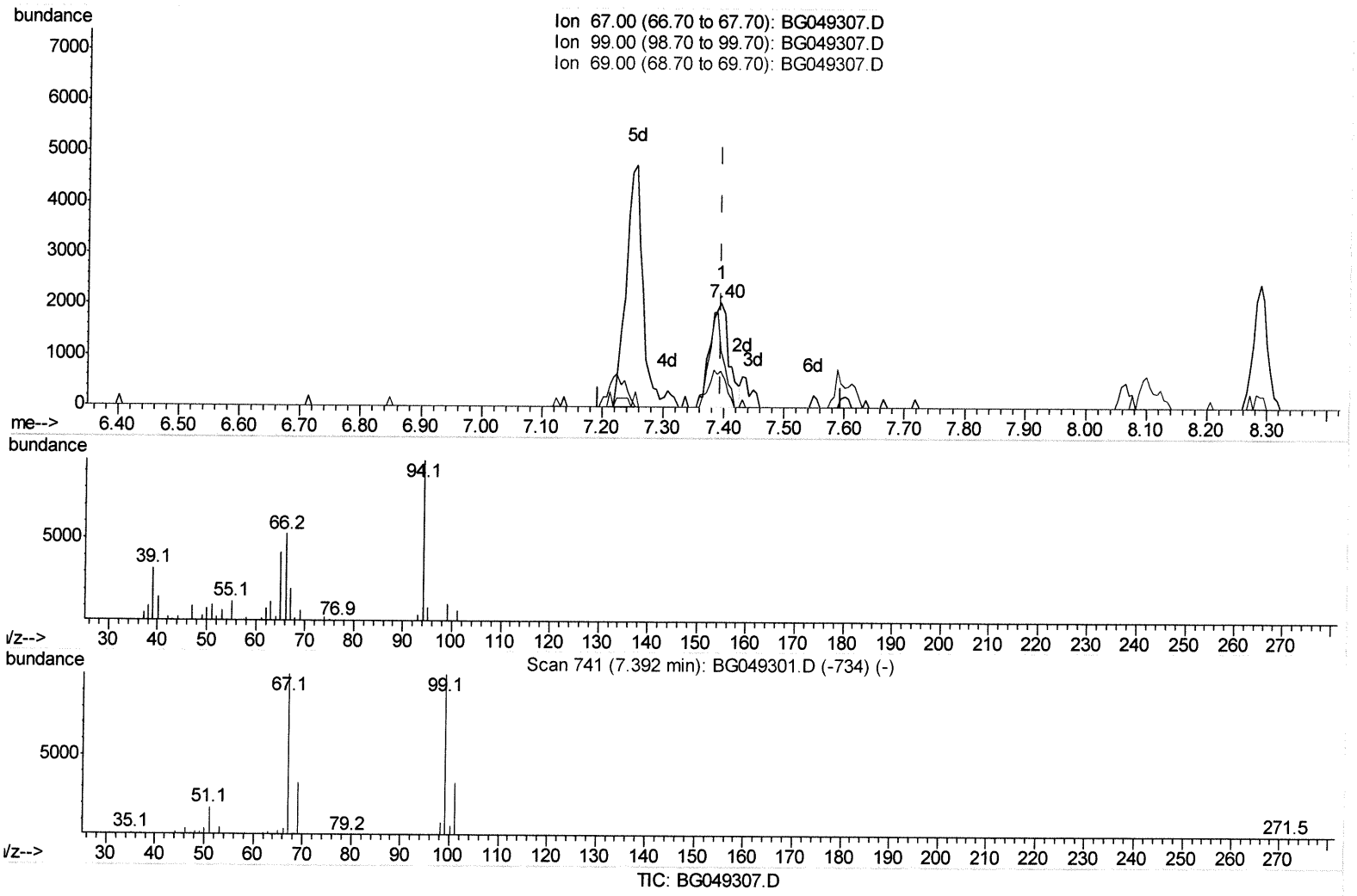


Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 02:21:52 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 :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM



(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.395min (+0.001) 3.21ng/ul

response 4471

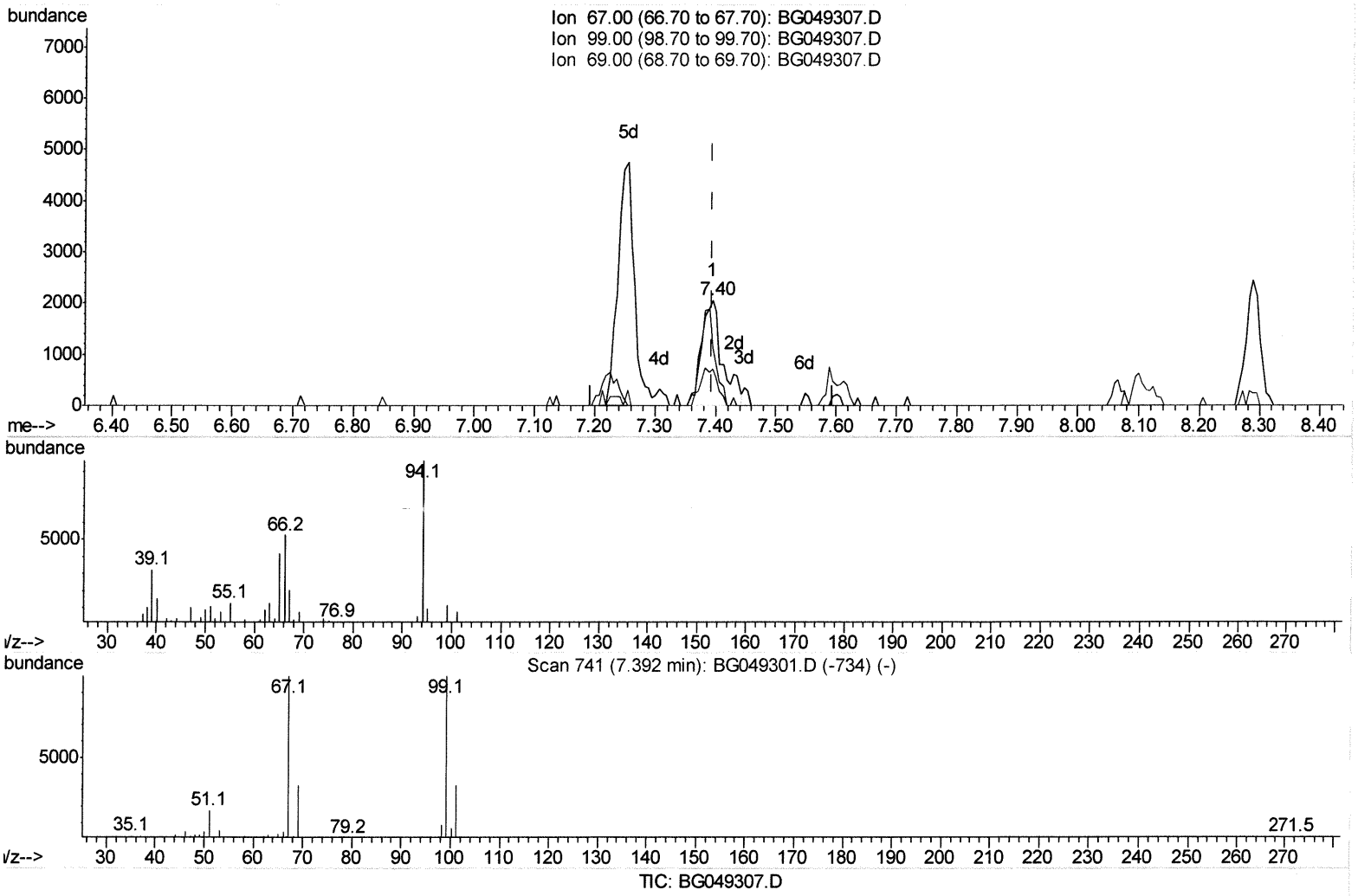
Ion	Exp%	Act%
67.00	100	100
99.00	100.30	54.24#
69.00	28.50	34.65#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 02:21:52 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 :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM



(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.395min (+0.001) 3.57ng/ul m

7/13/21

response 4972

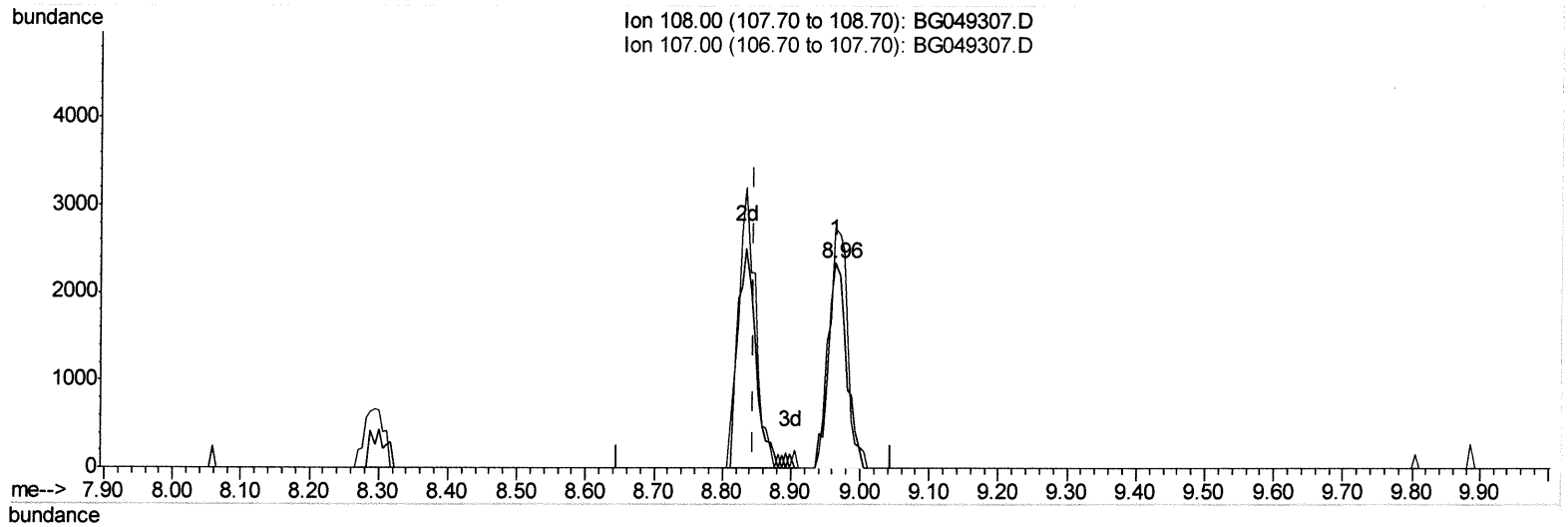
Ion	Exp%	Act%
67.00	100	100
99.00	100.30	54.24#
69.00	28.50	34.65#
0.00	0.00	0.00

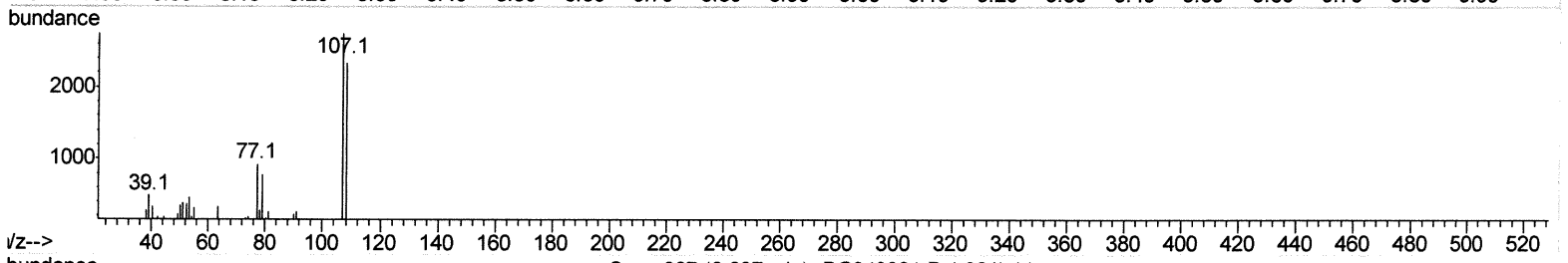
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 02:23:20 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

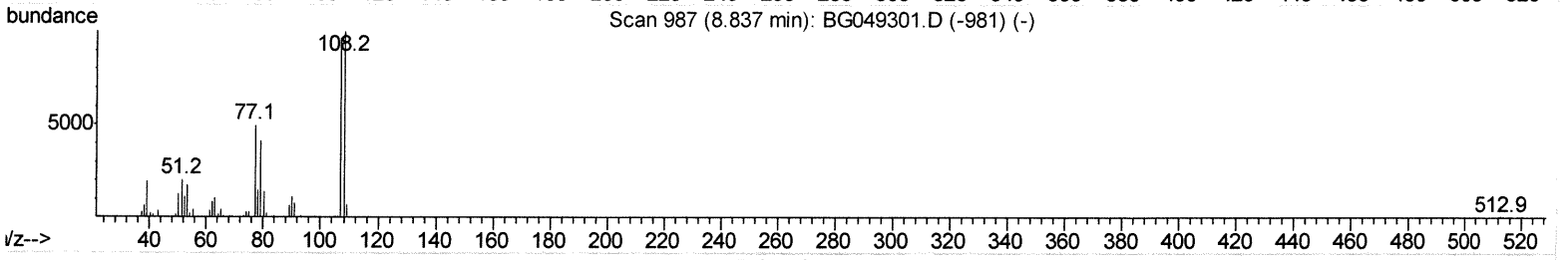
Instrument :
BNA_G
ClientSampleId :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM





Scan 987 (8.837 min): BG049301.D (-981) (-)



TIC: BG049307.D

(18) 4-Methylphenol

8.964min (+0.118) 2.23ng/ul

response 4243

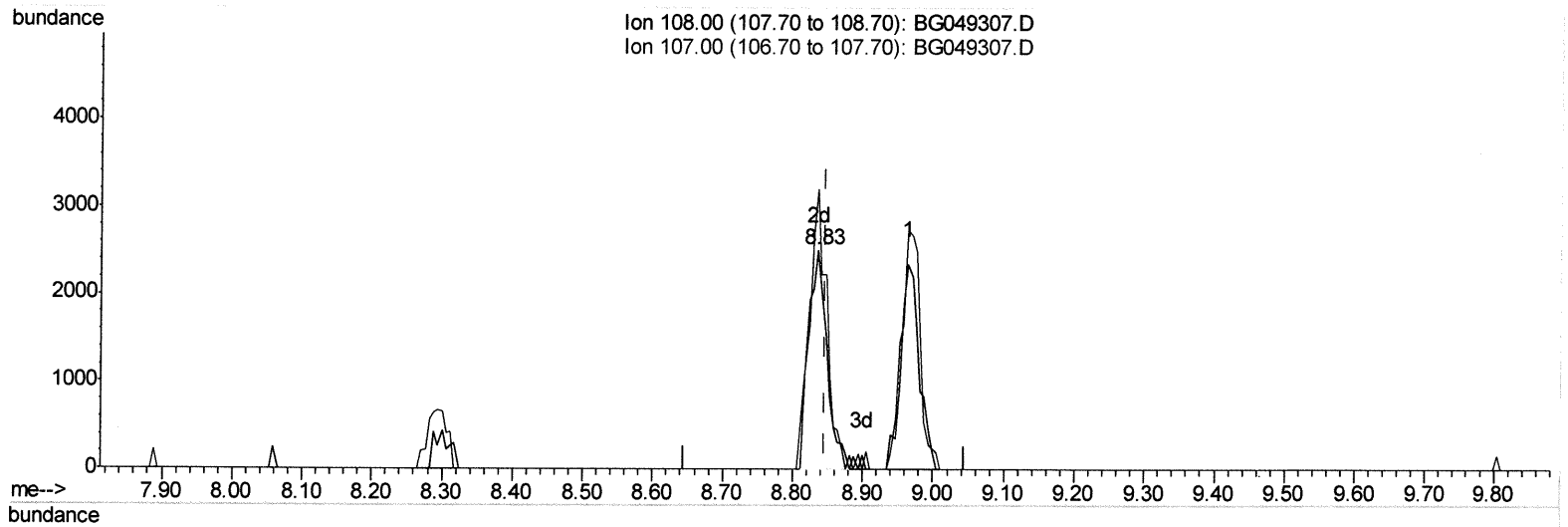
Ion	Exp%	Act%
108.00	100	100
107.00	105.70	117.13
0.00	0.00	0.00
0.00	0.00	0.00

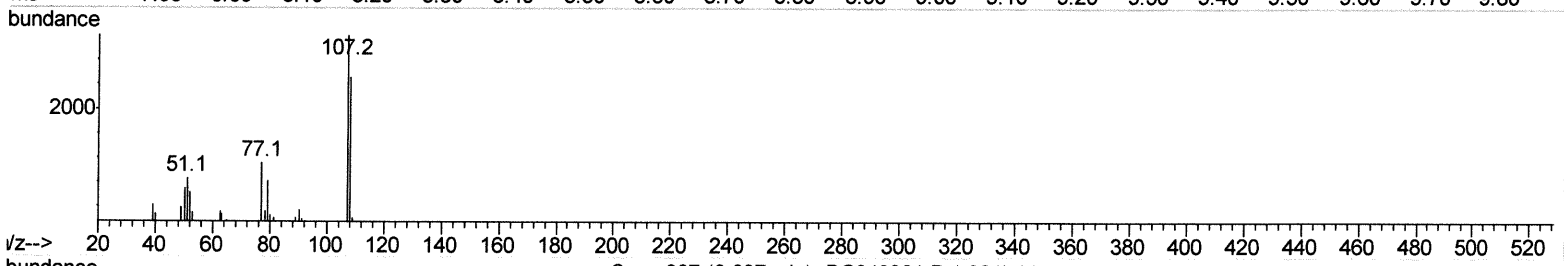
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 02:23:20 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

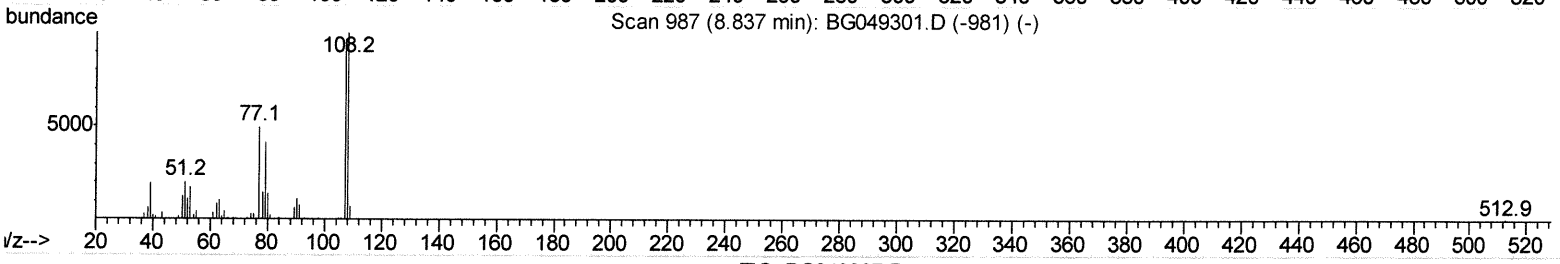
Instrument :
BNA_G
ClientSampleId :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM





Scan 987 (8.837 min): BG049301.D (-981) (-)



TIC: BG049307.D

(18) 4-Methylphenol

8.835min (-0.011) 2.44ng/ul m JU 7/20/21

response 4645

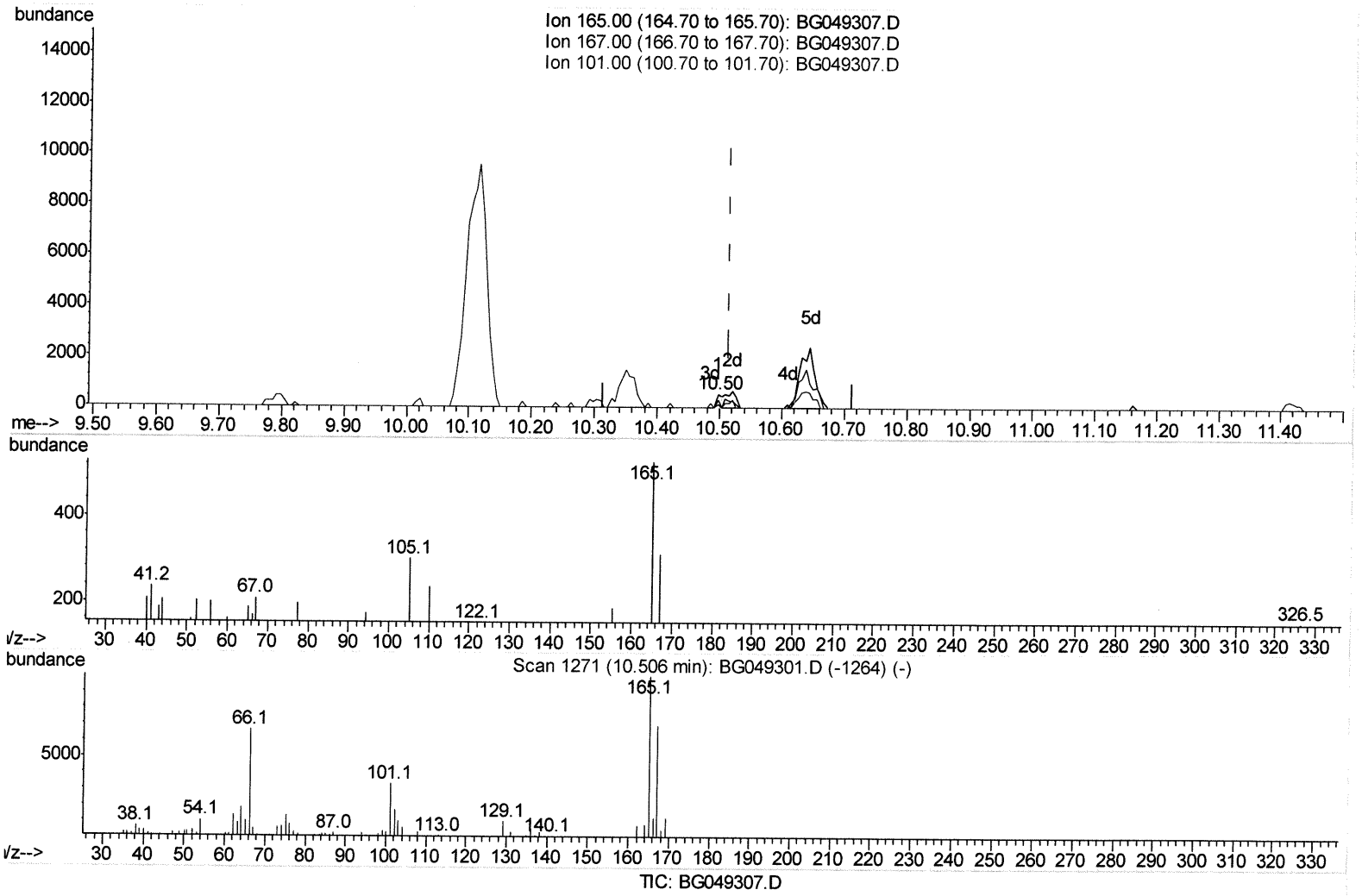
Ion	Exp%	Act%
108.00	100	100
107.00	105.70	127.64#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 02:23:51 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 :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM



(28) 2,4-Dichlorophenol-d3 (S)

10.497min (-0.017) 0.17ng/ul

response 347

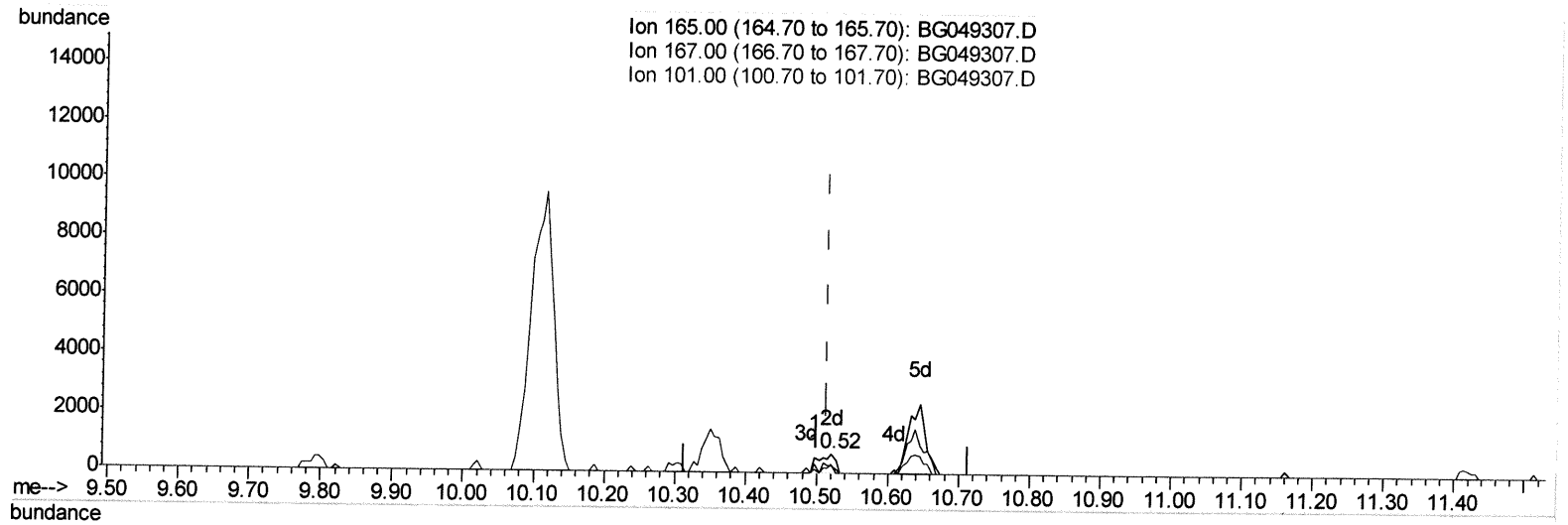
Ion	Exp%	Act%
165.00	100	100
167.00	62.90	59.20
101.00	32.10	29.03
0.00	0.00	0.00

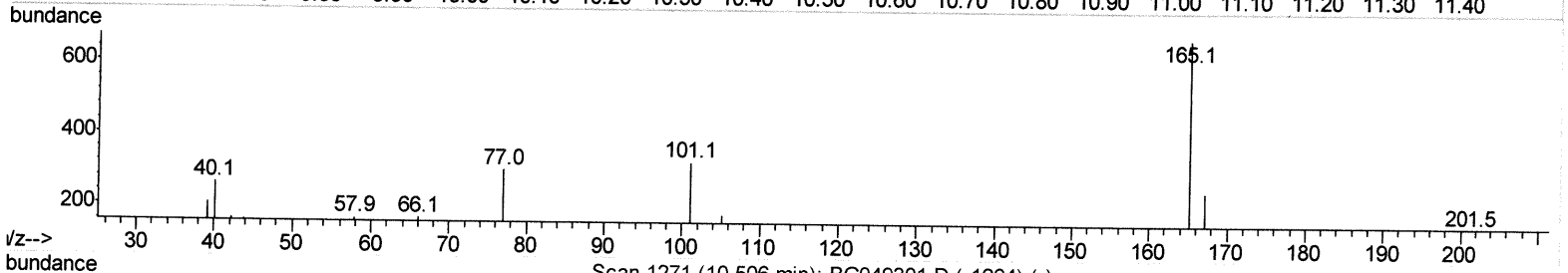
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 02:23:51 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

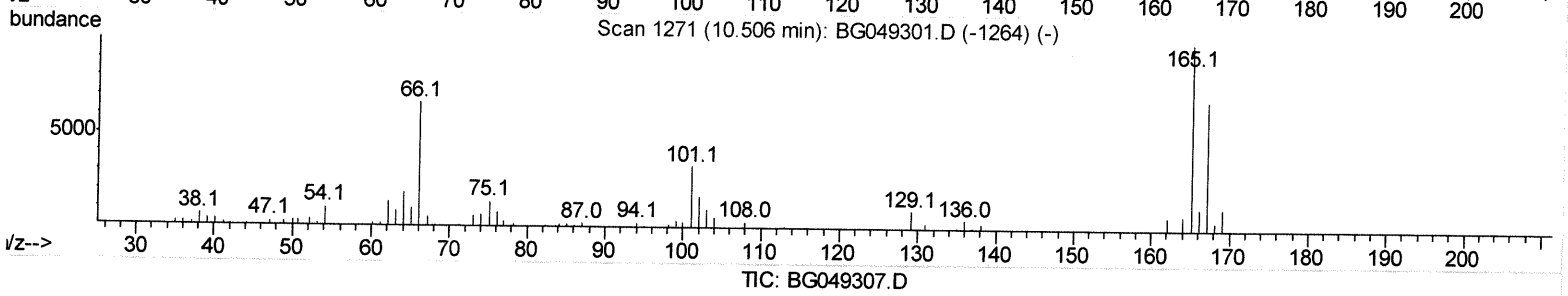
Instrument :
BNA_G
ClientSampleId :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM





Scan 1271 (10.506 min): BG049301.D (-1264) (-)



TIC: BG049307.D

(28) 2,4-Dichlorophenol-d3 (S)

10.521min (+0.006) 0.55ng/ul m 7/12/21

response 1109

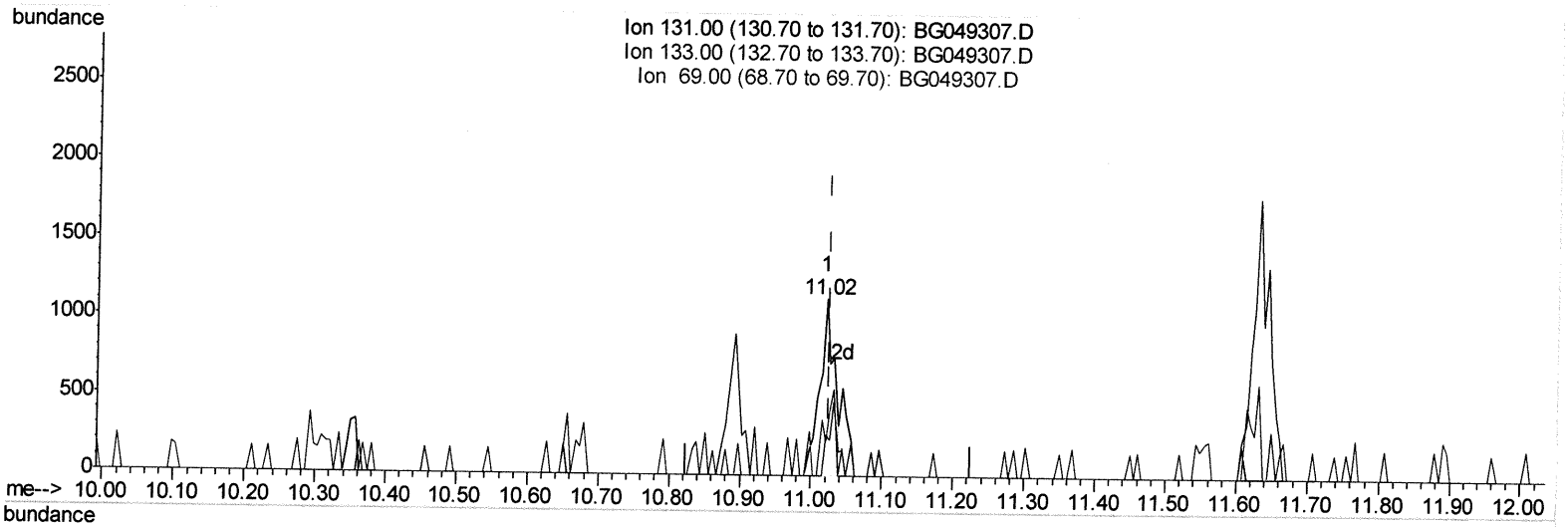
Ion	Exp%	Act%
165.00	100	100
167.00	62.90	36.61#
101.00	32.10	48.07#
0.00	0.00	0.00

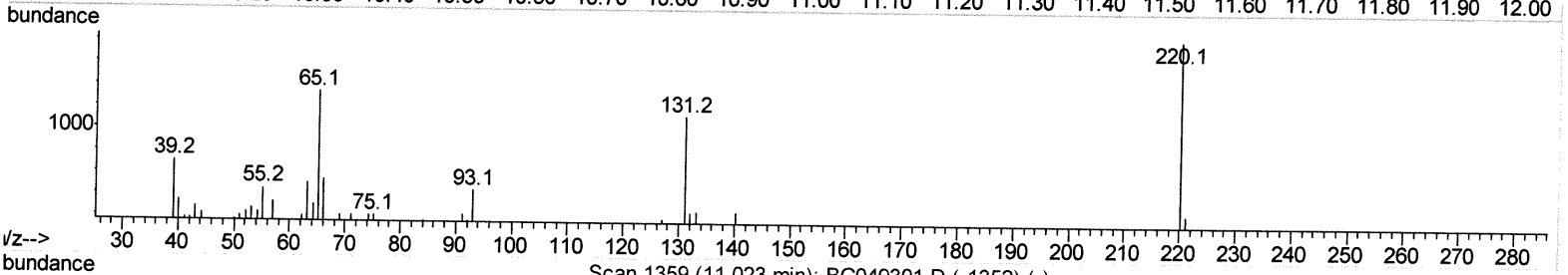
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

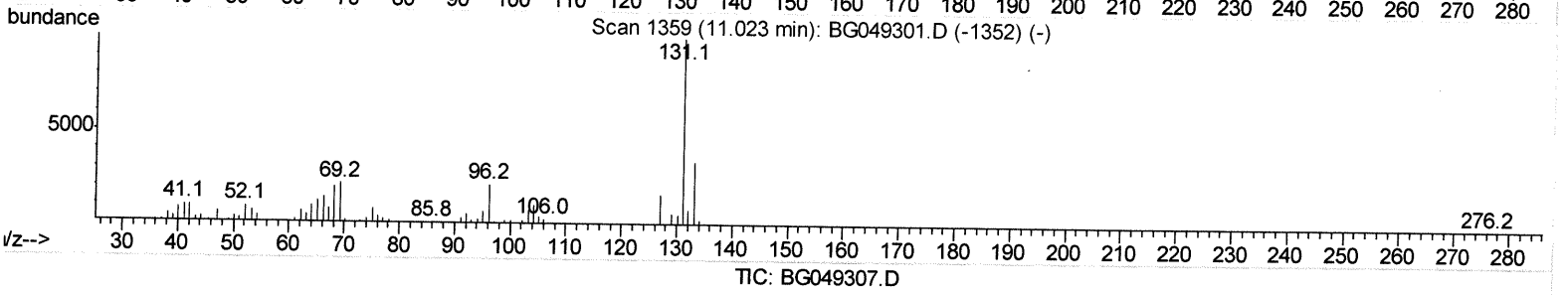
Quant Time: Jul 13 02:24:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM







TIC: BG049307.D

(31) 4-Chloroaniline-d4 (S)

11.020min (-0.005) 0.60ng/ul

response 1582

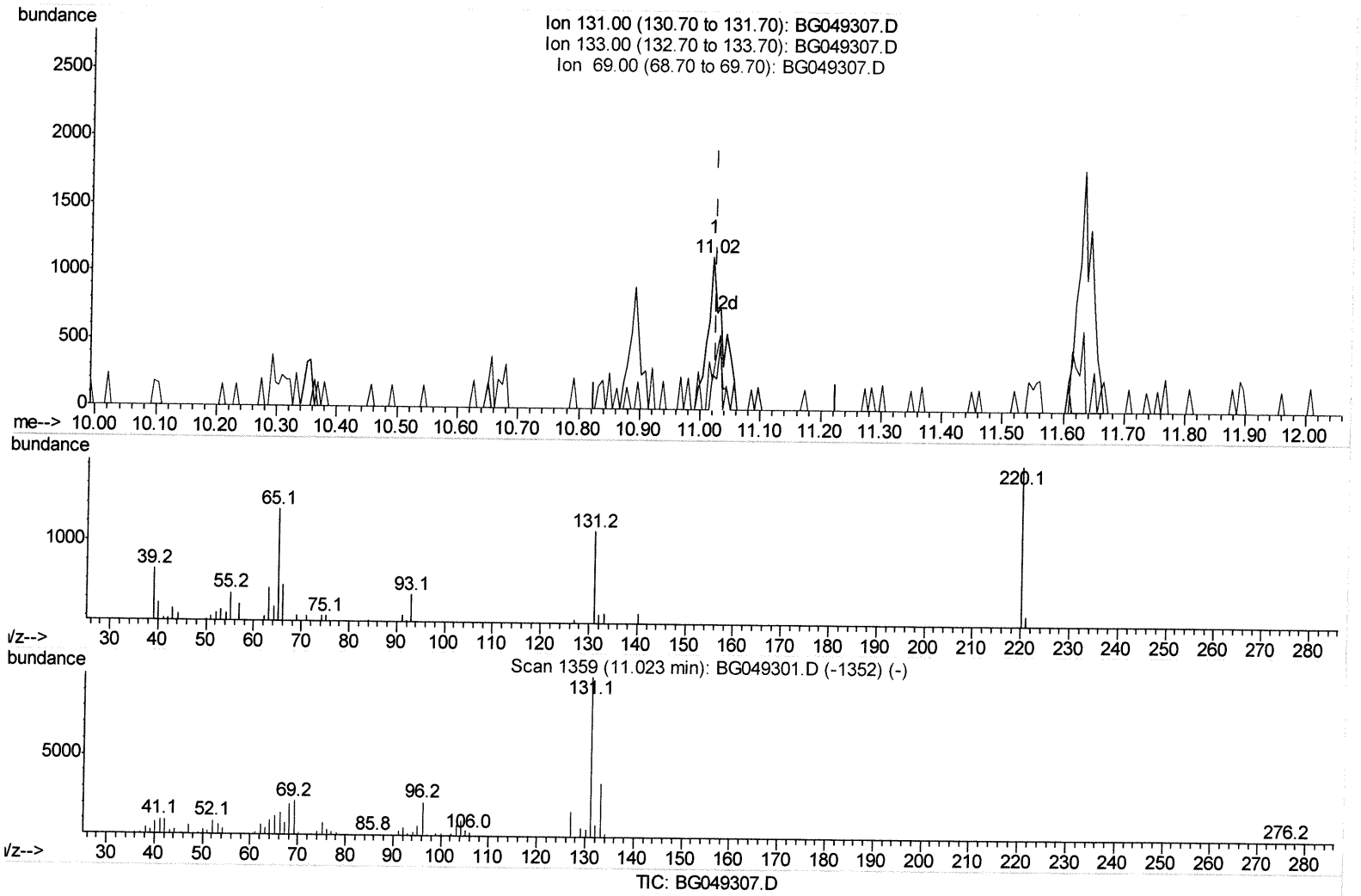
Ion	Exp%	Act%
131.00	100	100
133.00	29.70	23.23#
69.00	19.10	19.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 02:24:17 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 :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM



(31) 4-Chloroaniline-d4 (S)

11.020min (-0.005) 0.76ng/ul m JU 7/20/21

response 1996

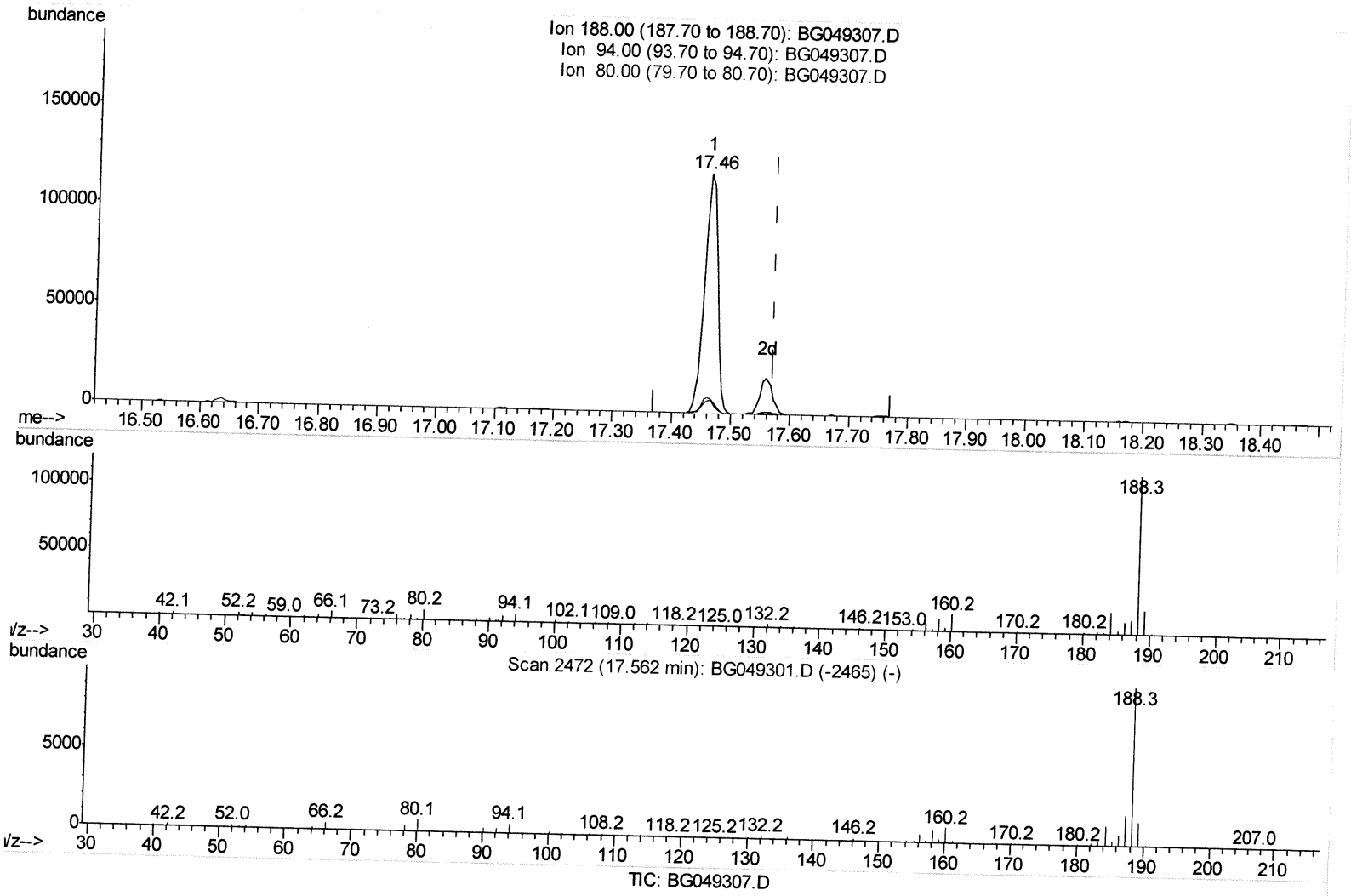
Ion	Exp%	Act%
131.00	100	100
133.00	29.70	23.23#
69.00	19.10	19.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 02:25:12 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 :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM



(73) Anthracene-d10 (S)

17.460min (-0.111) 21.96ng/ul

response 184374

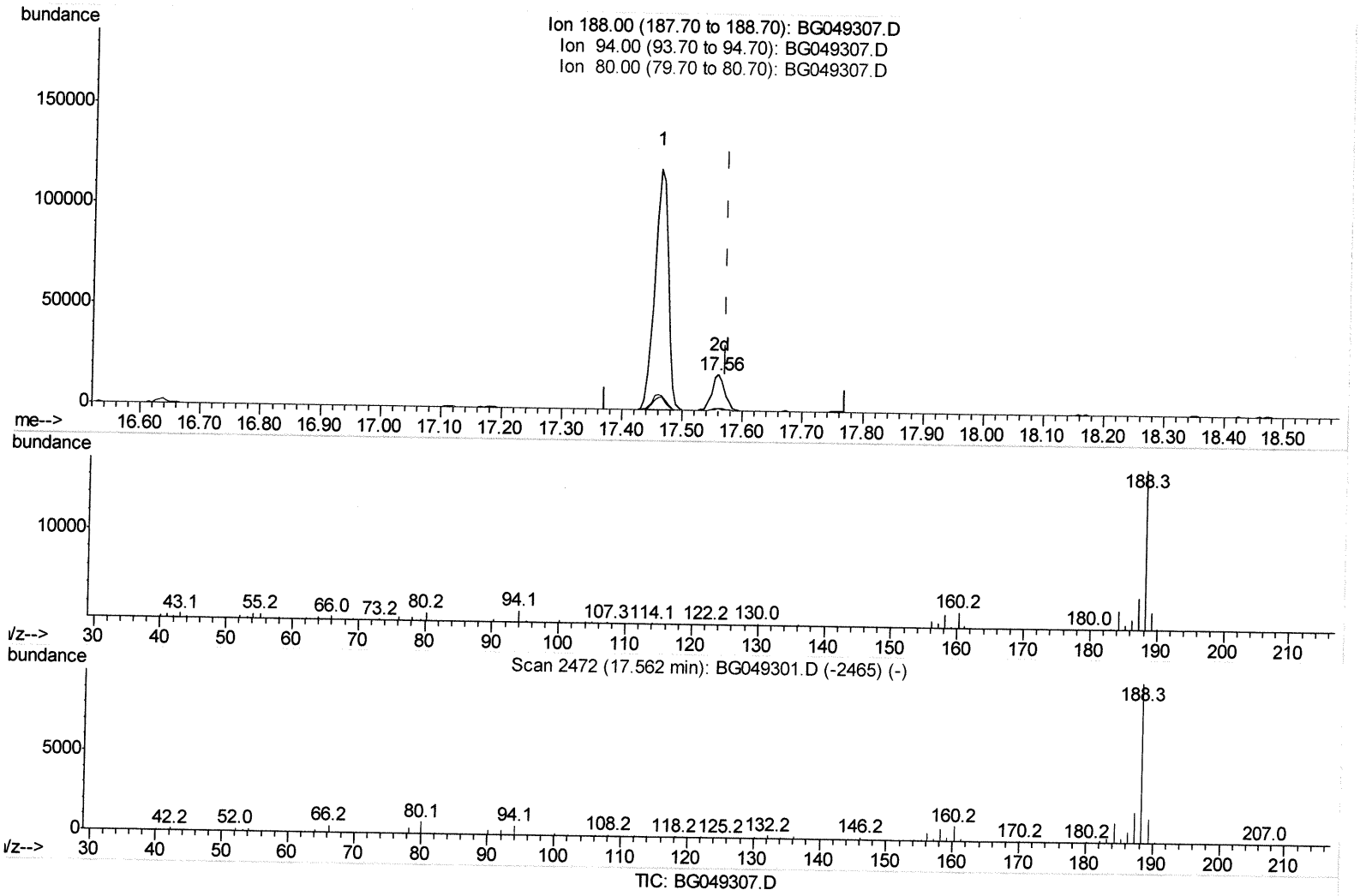
Ion	Exp%	Act%
188.00	100	100
94.00	6.10	5.00
80.00	6.30	6.37
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 13 02:25:12 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 :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM



(73) Anthracene-d10 (S)

17.560min (-0.011) 3.16ng/ul m JU 7/13/21

response 26543

Ion	Exp%	Act%
188.00	100	100
94.00	6.10	7.65#
80.00	6.30	5.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049307.D
Acq On : 12 Jul 2021 19:50
Operator : CG/JU
Sample : M2914-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBK43DL

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:19 PM

Quant Time: Jul 13 01:10:38 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

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.071	152	27637	20.00 ng/ul	#-0.01
20) Naphthalene-d8	10.885	136	117239	20.00 ng/ul	-0.01
38) Acenaphthene-d10	14.710	164	84862	20.00 ng/ul	-0.01
64) Phenanthrene-d10	17.460	188	184374	20.00 ng/ul	-0.01
79) Chrysene-d12	21.743	240	181224	20.00 ng/ul	-0.01
88) Perylene-d12	25.027	264	198689	20.00 ng/ul	-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	0.000	96	0	0.00 ng/uL	
4) Pyridine-d5	0.000	84	0d	0.00 ng/ul	
7) Phenol-d5	7.225	99	1227	0.51 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	4972m	3.57 ng/ul	0.00
11) 2-Chlorophenol-d4	7.595	132	4231	2.38 ng/ul	-0.01
15) 4-Methylphenol-d8	8.776	113	1555	0.81 ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	2172	2.41 ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	2038	1.97 ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.521	165	1109m	0.55 ng/ul	0.00
31) 4-Chloroaniline-d4	11.020	131	1996m	0.76 ng/ul	0.00
46) Dimethylphthalate-d6	14.111	166	18778	2.88 ng/ul	0.00
49) Acenaphthylene-d8	14.405	160	21483	2.81 ng/ul	-0.01
54) 4-Nitrophenol-d4	0.000	143	0	0.00 ng/ul	
60) Fluorene-d10	15.715	176	14990	2.71 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00 ng/ul	
73) Anthracene-d10	17.560	188	26543m	3.16 ng/ul	-0.01
81) Pyrene-d10	19.845	212	28638	3.08 ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.798	264	29250	2.83 ng/ul	-0.02
Target Compounds					Qvalue
8) Phenol	7.254	94	230088	95.70 ng/ul	96
18) 4-Methylphenol	8.835	108	4645m	2.44 ng/ul	
47) Dimethylphthalate	14.158	163	30702	5.07 ng/ul#	97

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

JU 7/20/21

JU 7/20/21

JU 7/20/21

JU 7/20/21