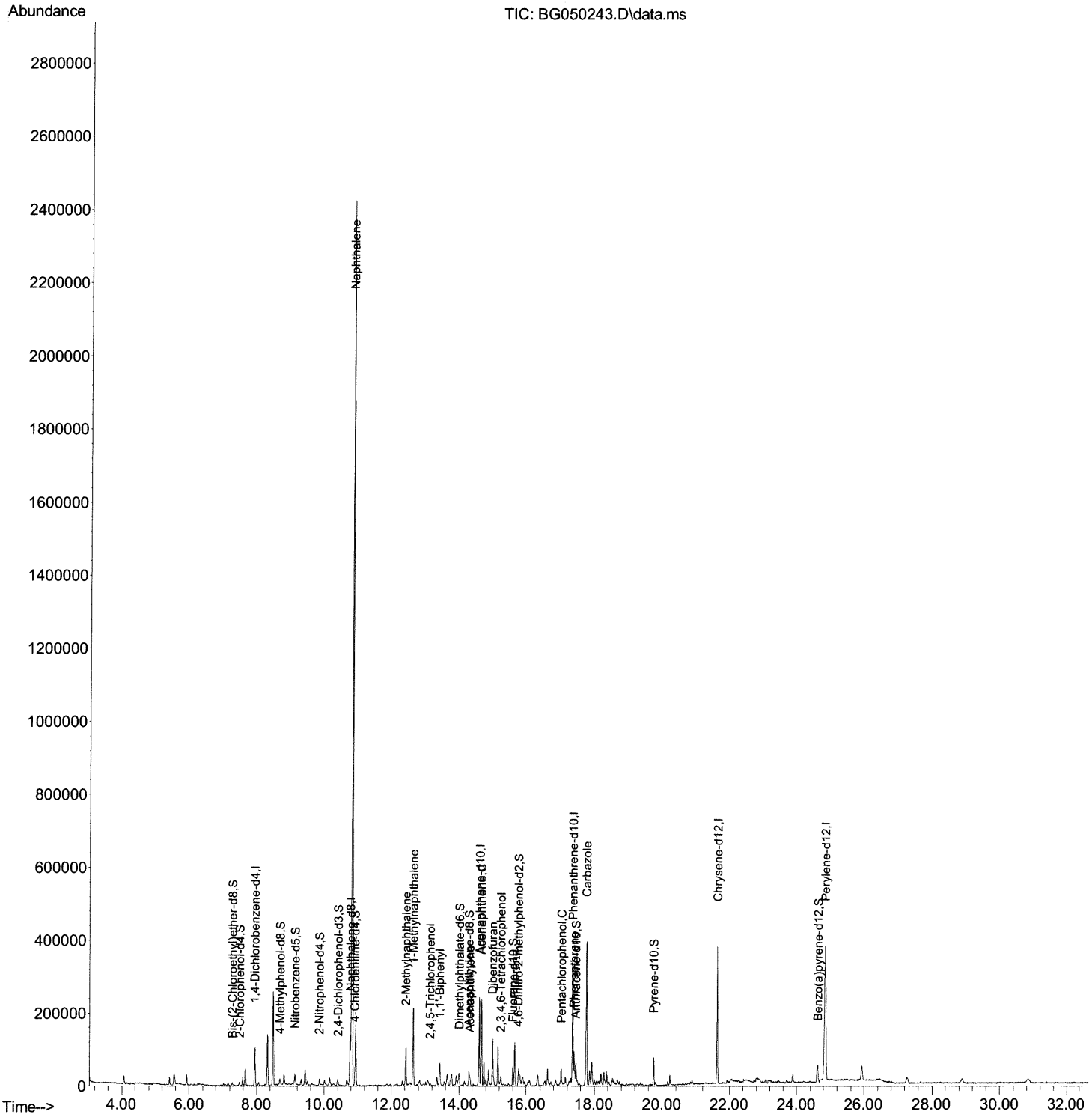
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Sep 10 01:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM



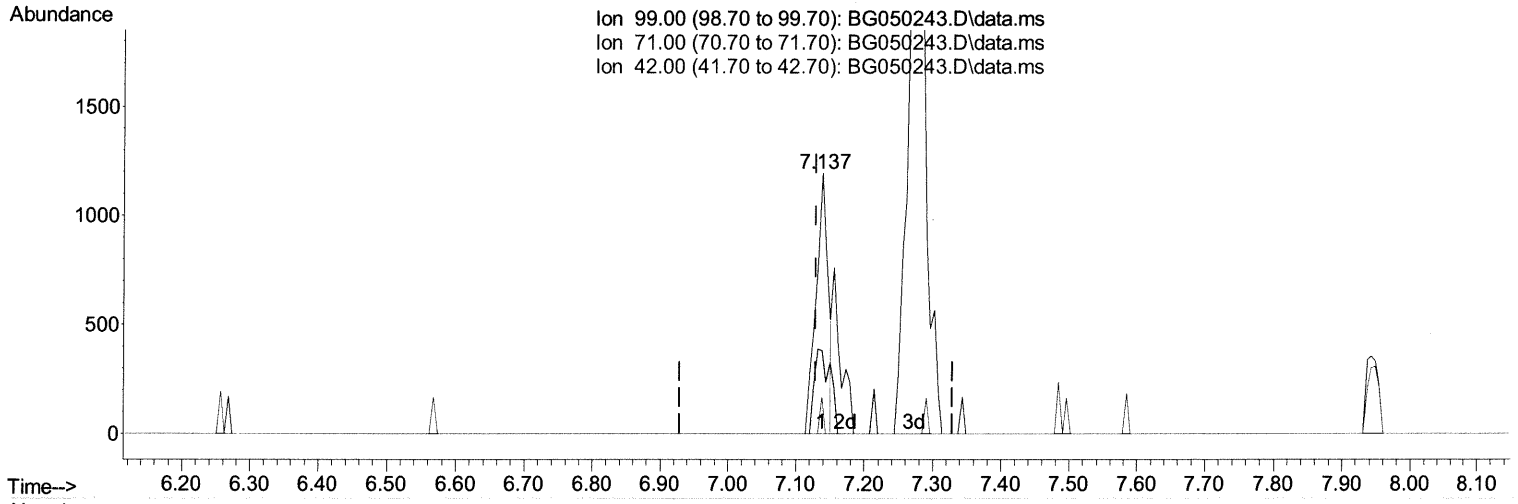
Quantitation Report (Qedit)

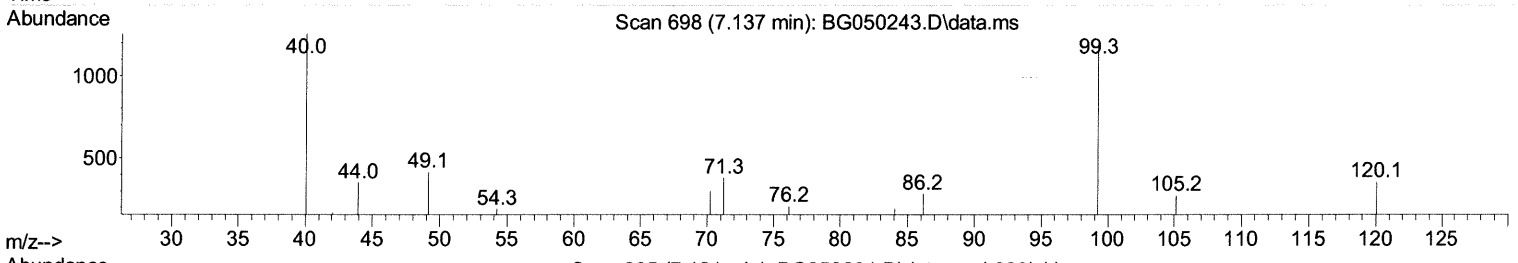
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

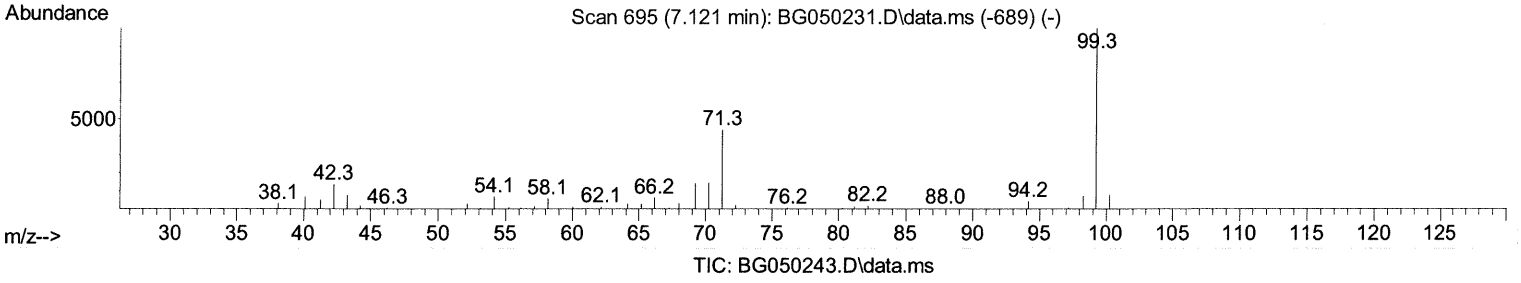
Quant Time: Sep 10 05:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

(7) Phenol-d5 (S)

7.137min (+ 0.009) 0.63 ng/ul

response 1439

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	51.20	31.83#
42.00	19.20	14.07#
0.00	0.00	0.00

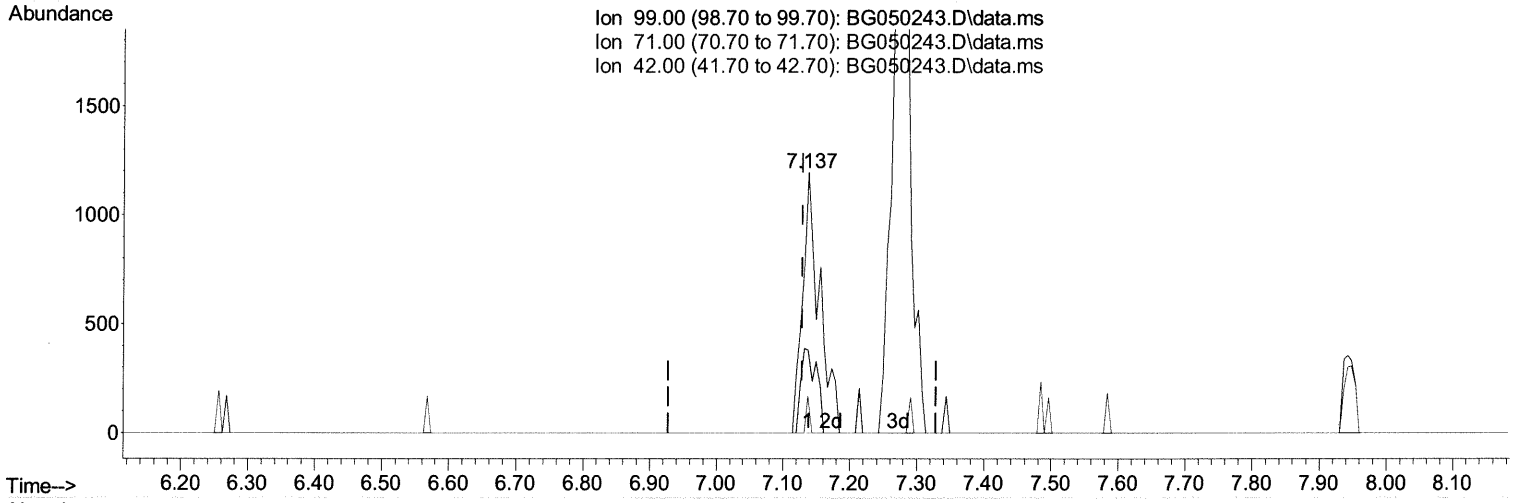
Quantitation Report (Qedit)

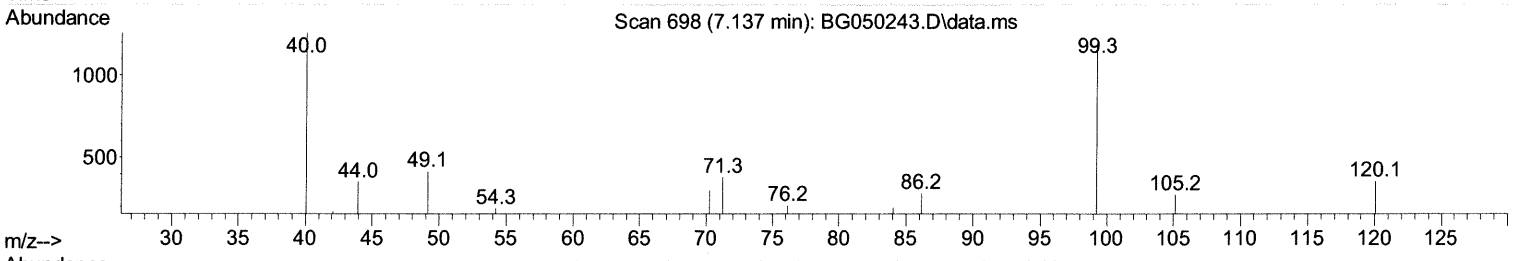
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

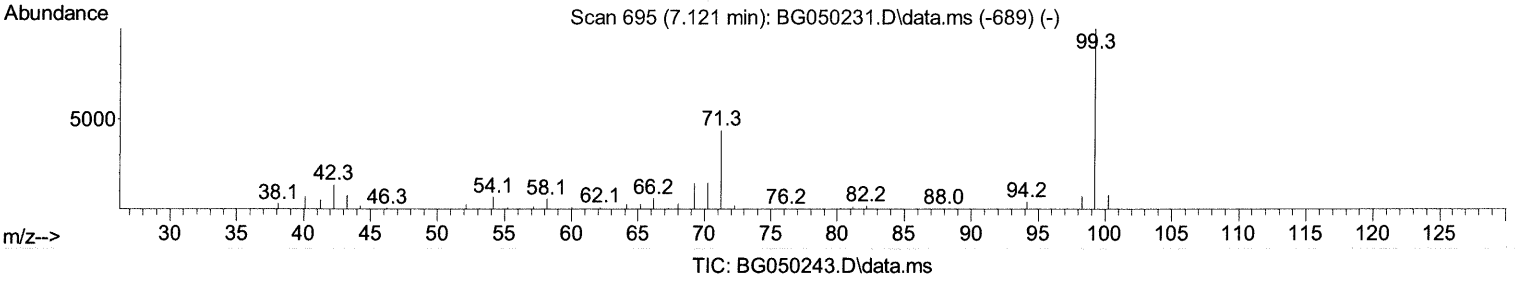
Quant Time: Sep 10 01:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

(7) Phenol-d5 (S)

7.137min (+ 0.009) 0.92 ng/ul m 09/13/2134

response 2112

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	51.20	31.83#
42.00	19.20	14.07#
0.00	0.00	0.00

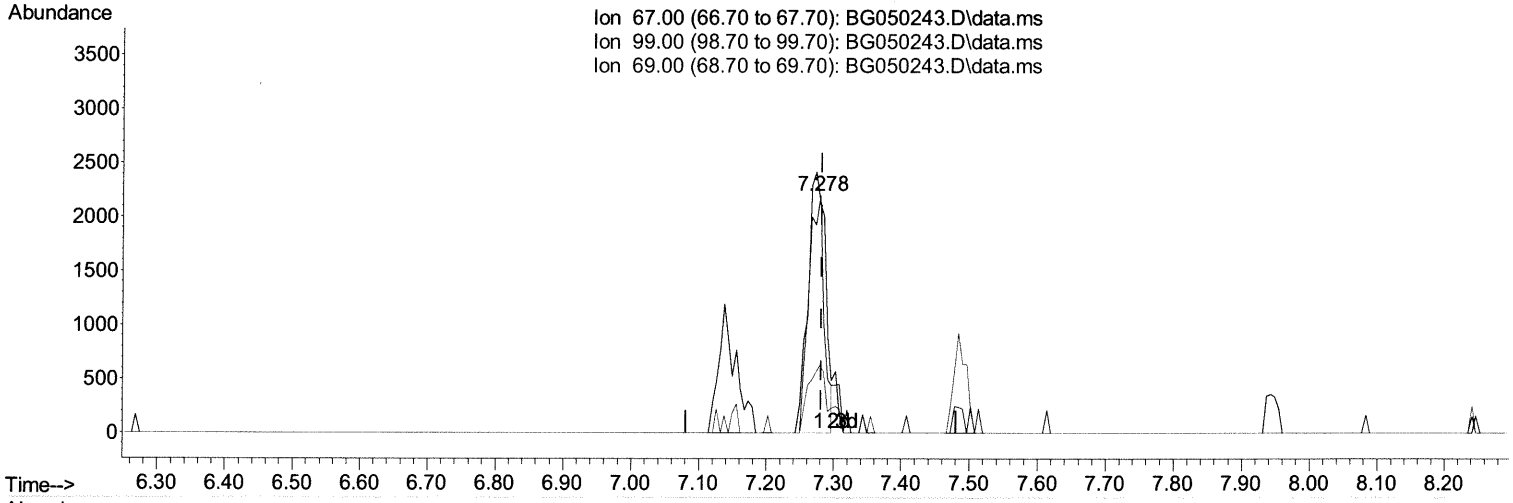
Quantitation Report (Qedit)

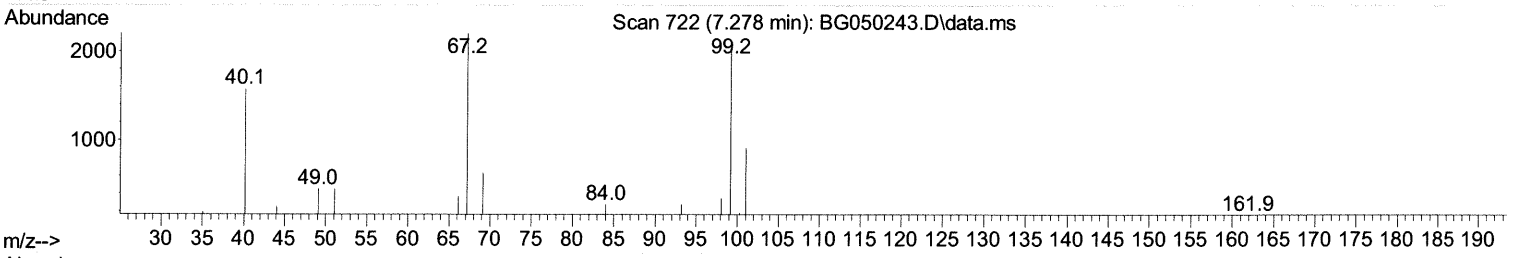
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

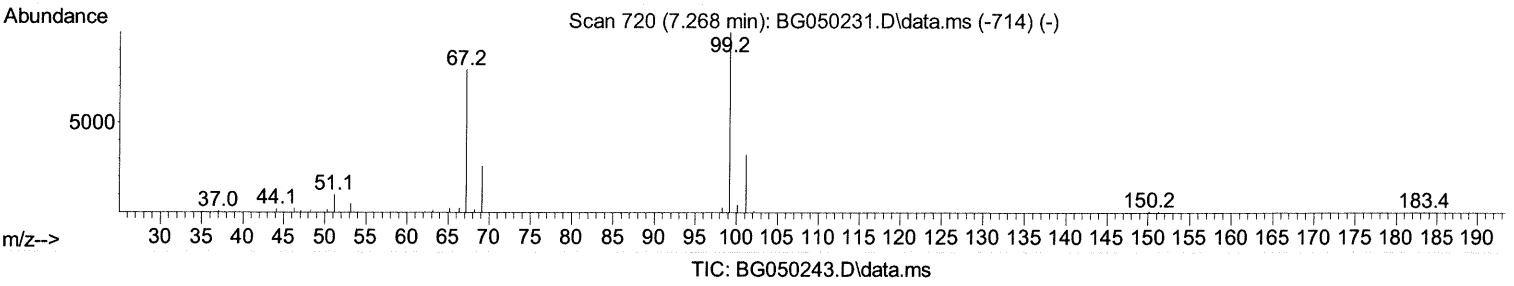
Quant Time: Sep 10 05:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

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

7.278min (-0.002) 2.59 ng/ul

response 3471

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	104.10	96.54
69.00	26.20	28.42
0.00	0.00	0.00

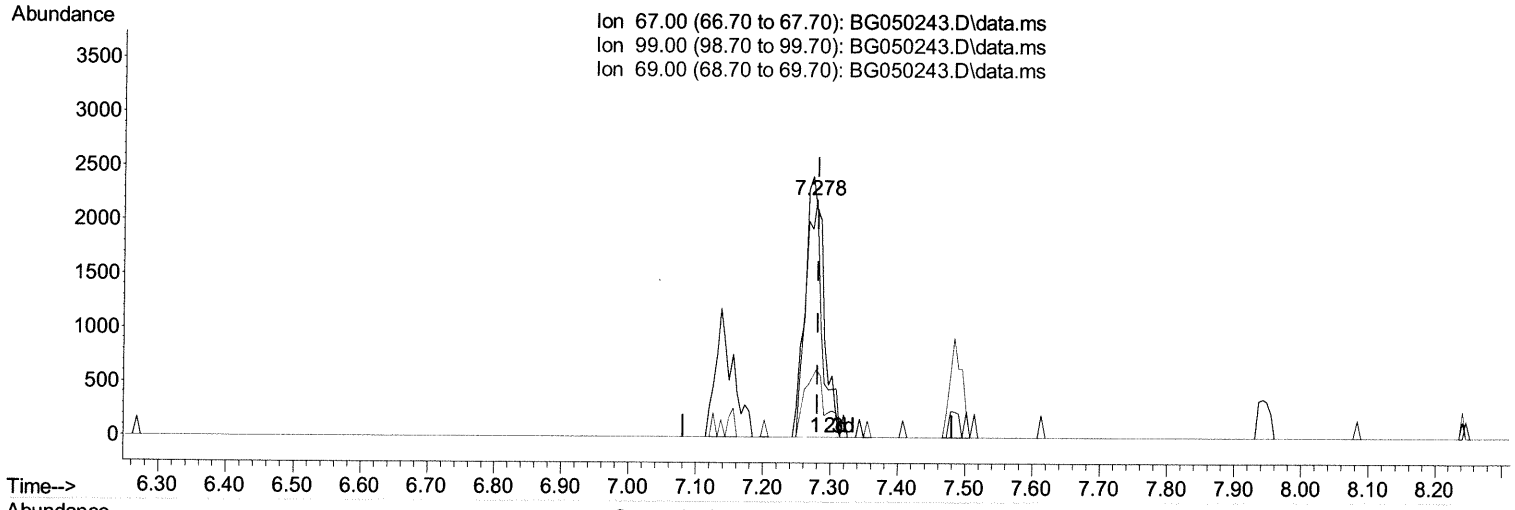
Quantitation Report (Qedit)

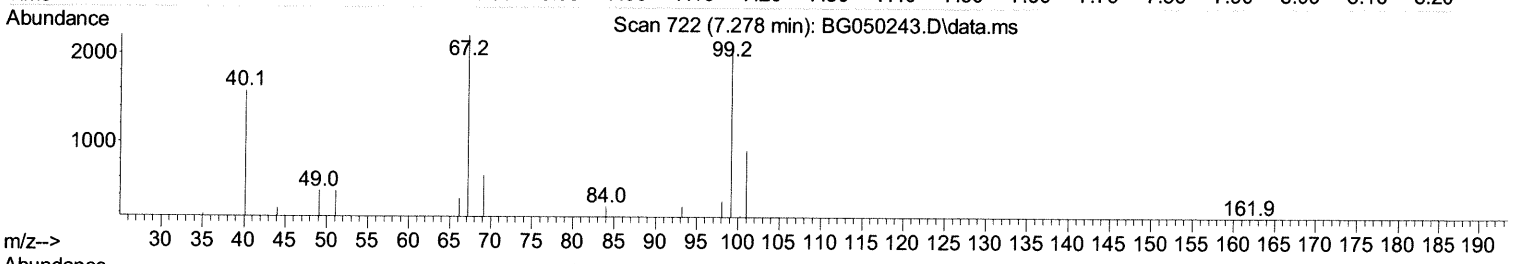
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

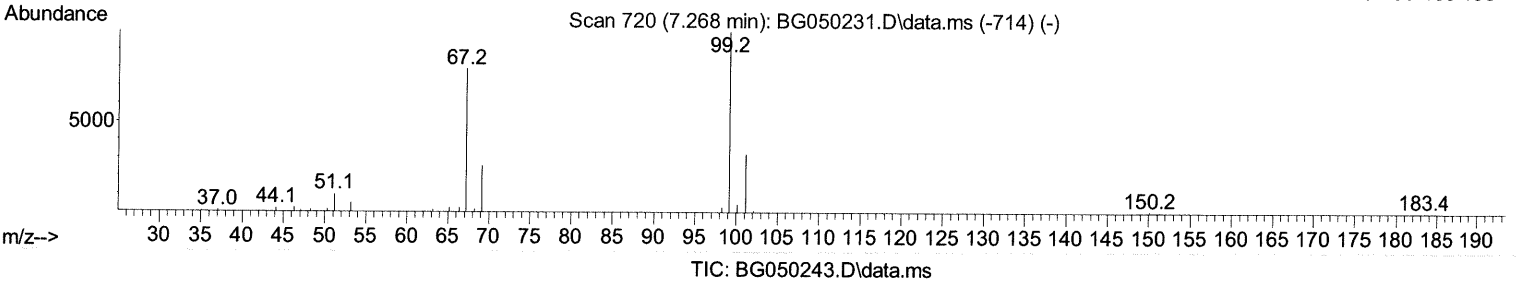
Quant Time: Sep 10 01:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

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

7.278min (-0.002) 2.82 ng/ul m 09/13/2021

response 3784

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	104.10	96.54
69.00	26.20	28.42
0.00	0.00	0.00

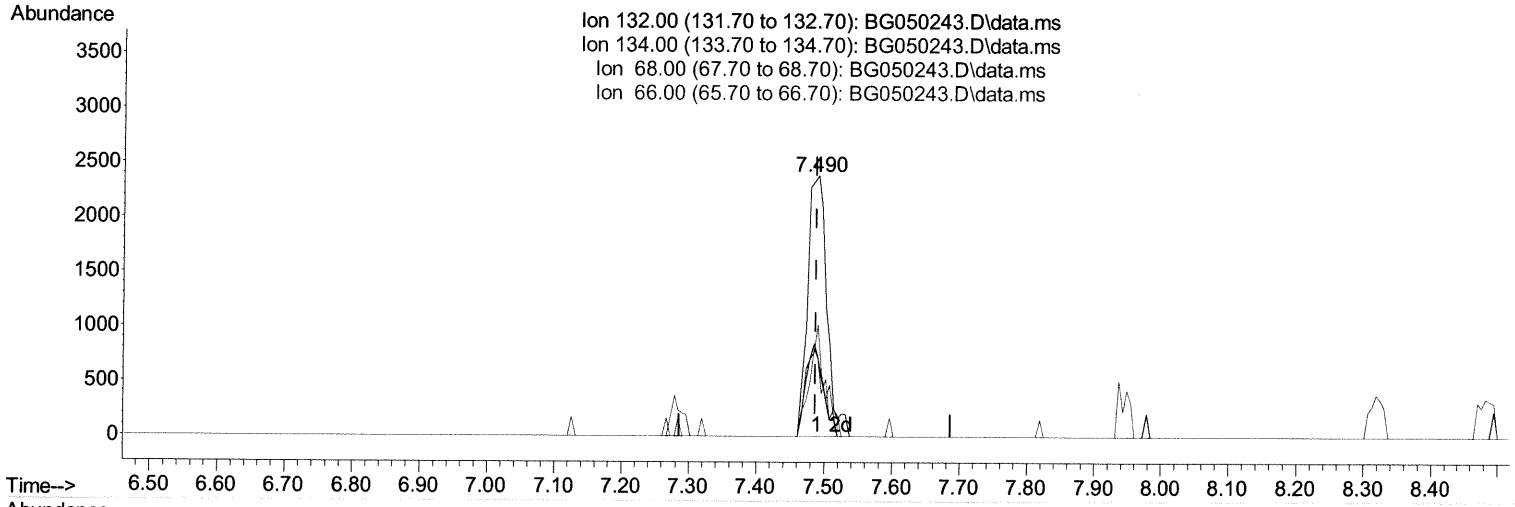
Quantitation Report (Qedit)

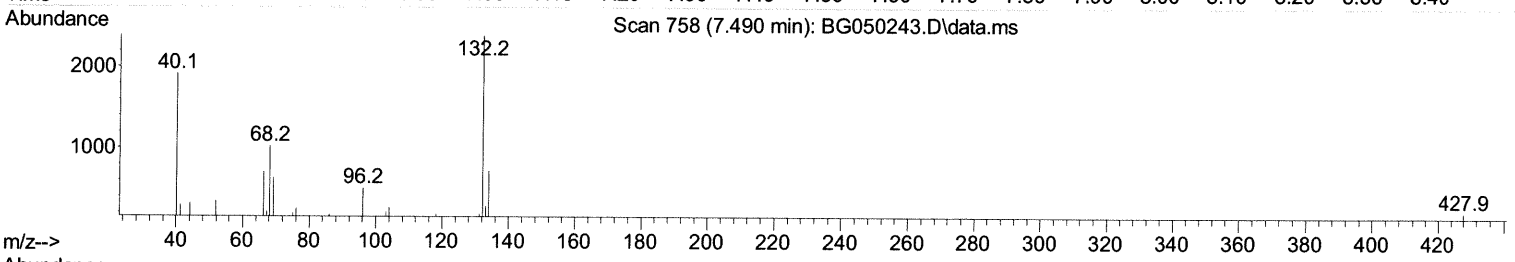
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

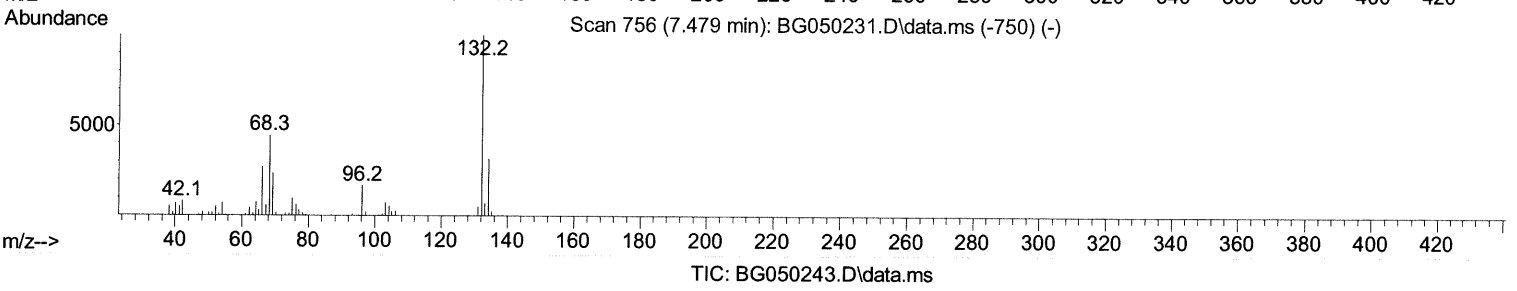
Quant Time: Sep 10 05:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.490min (+ 0.003) 2.40 ng/ul

response 4586

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	38.10	30.34#
68.00	48.30	42.83
66.00	31.40	29.80

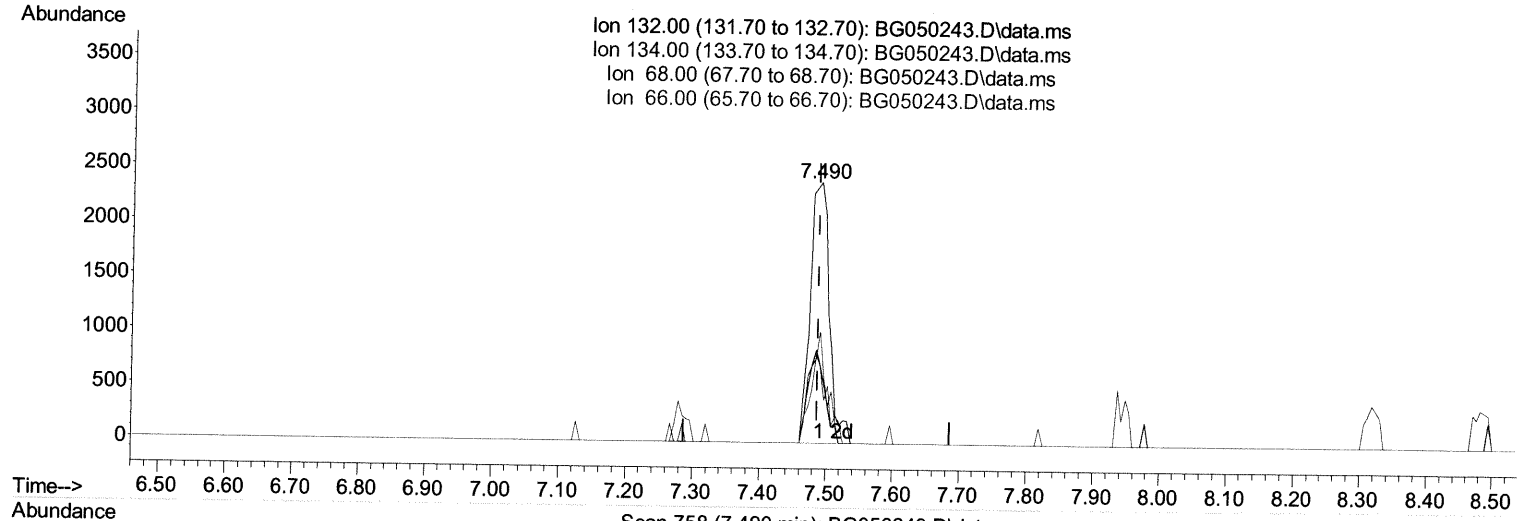
Quantitation Report (Qedit)

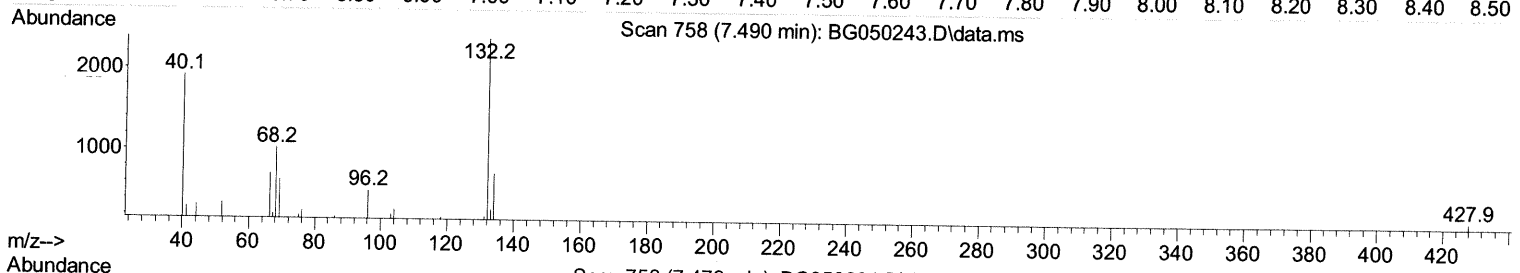
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

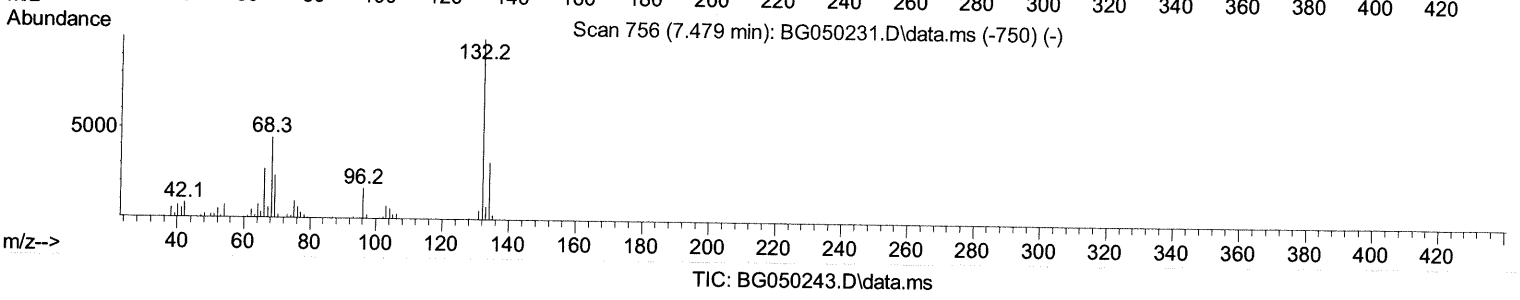
Quant Time: Sep 10 01:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.490min (+ 0.003) 2.48 ng/ul m 09/13/21 JU

response 4728

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	38.10	30.34#
68.00	48.30	42.83
66.00	31.40	29.80

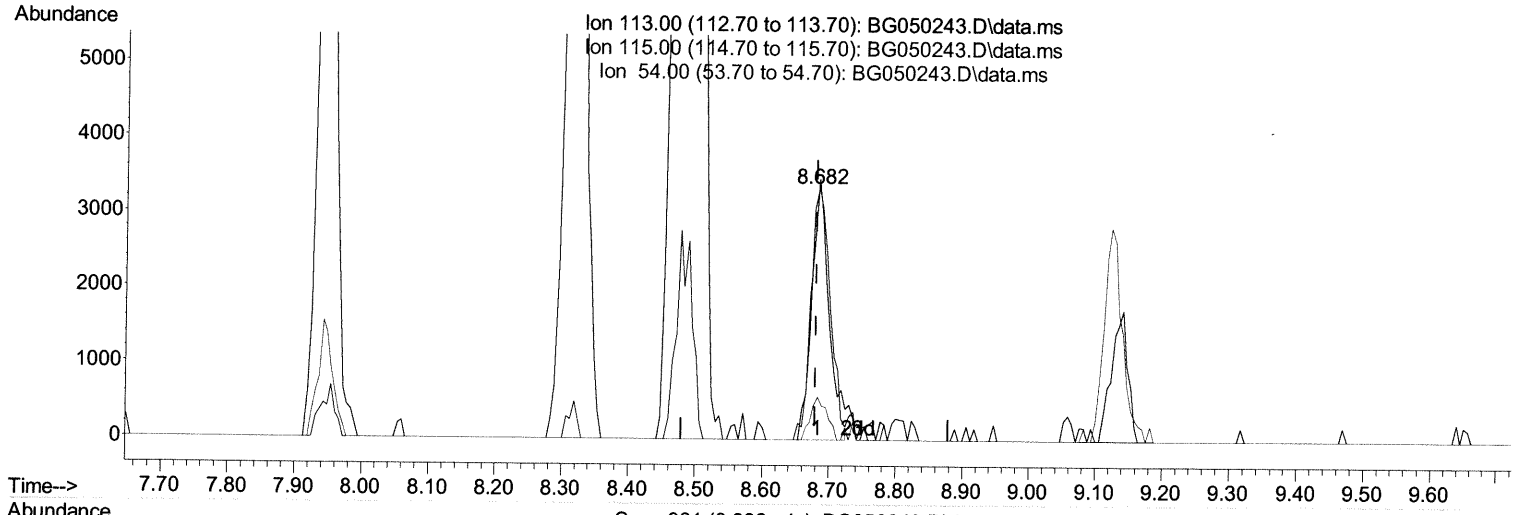
Quantitation Report (Qedit)

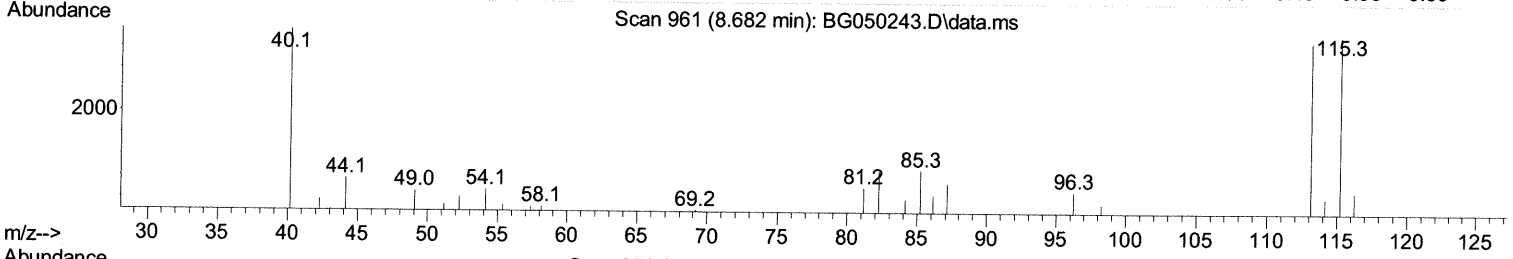
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

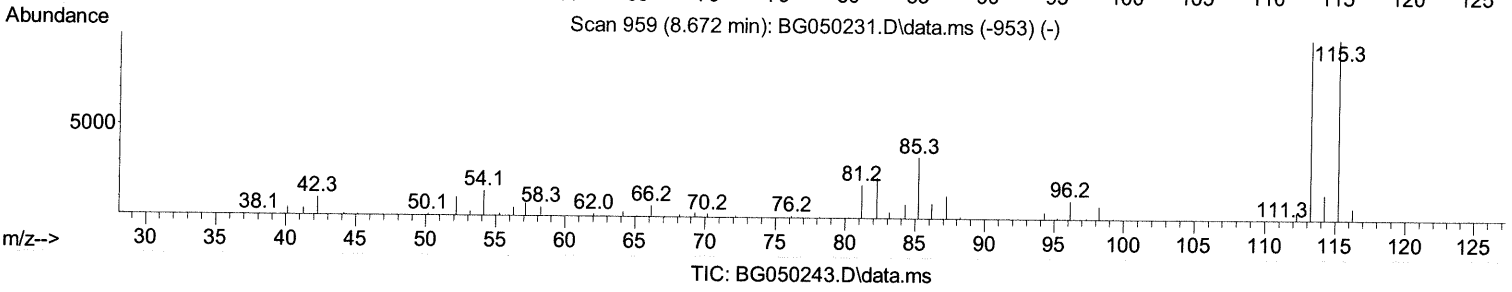
Quant Time: Sep 10 05:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.682min (+ 0.003) 3.65 ng/ul

response 6590

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.90	103.41
54.00	14.30	17.07
0.00	0.00	0.00

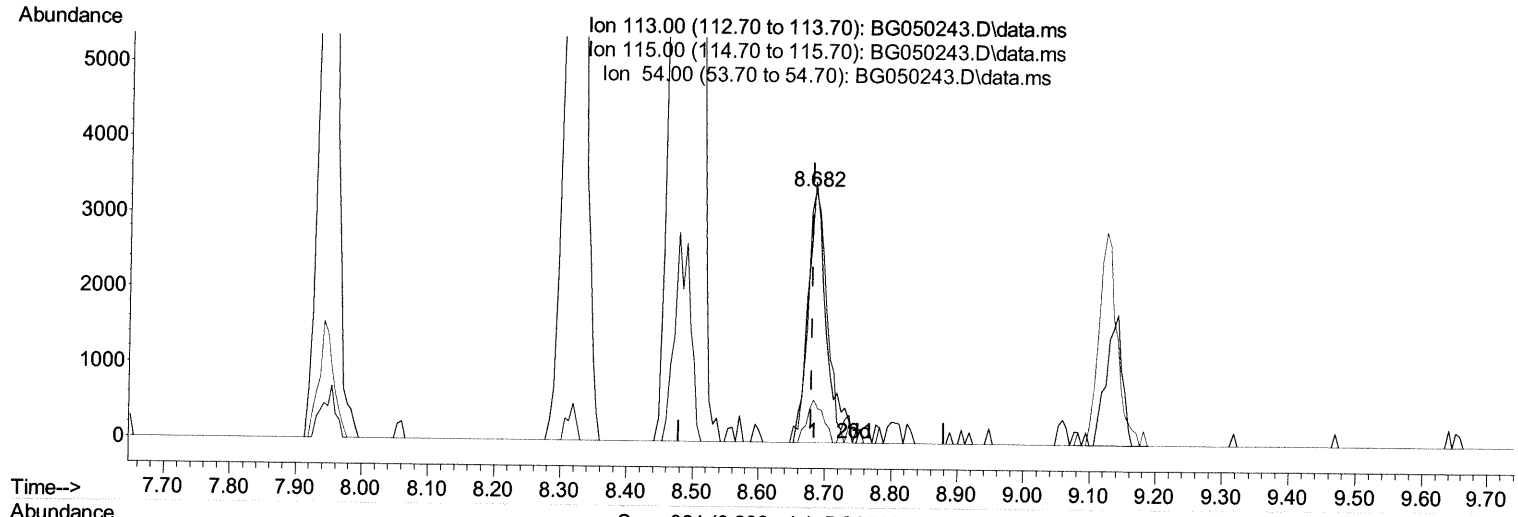
Quantitation Report (Qedit)

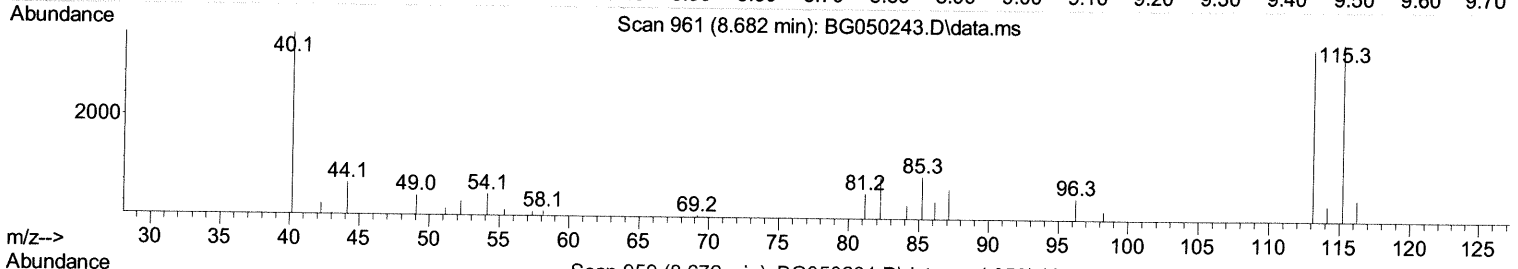
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

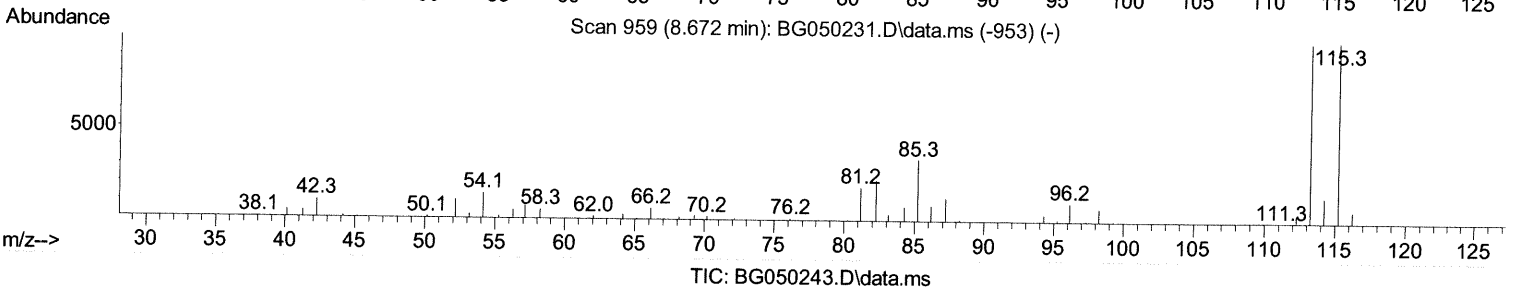
Quant Time: Sep 10 01:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.682min (+ 0.003) 3.78 ng/ul m 09/13/21 JU

response 6824

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.90	103.41
54.00	14.30	17.07
0.00	0.00	0.00

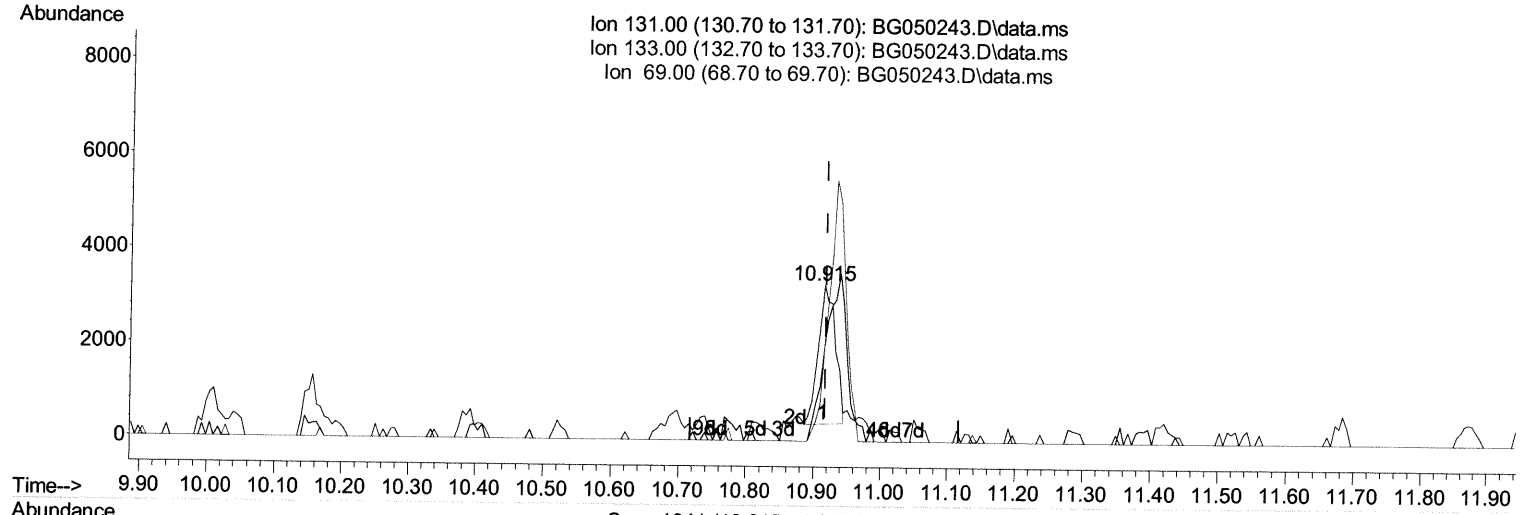
Quantitation Report (Qedit)

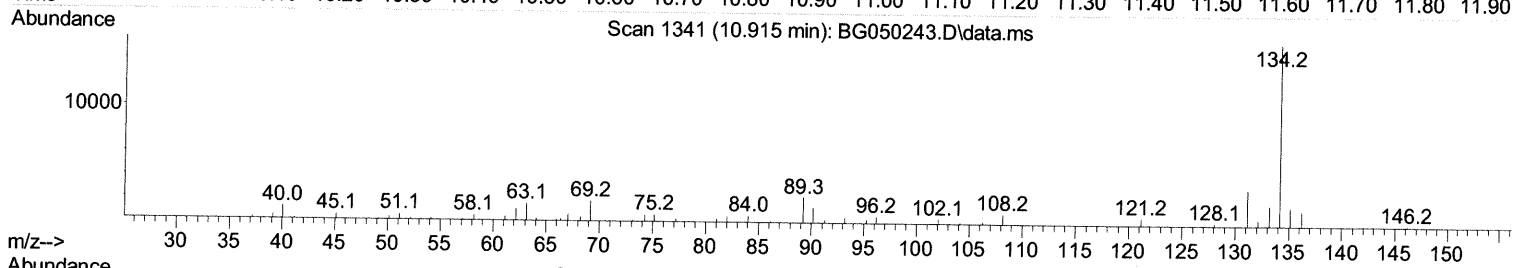
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

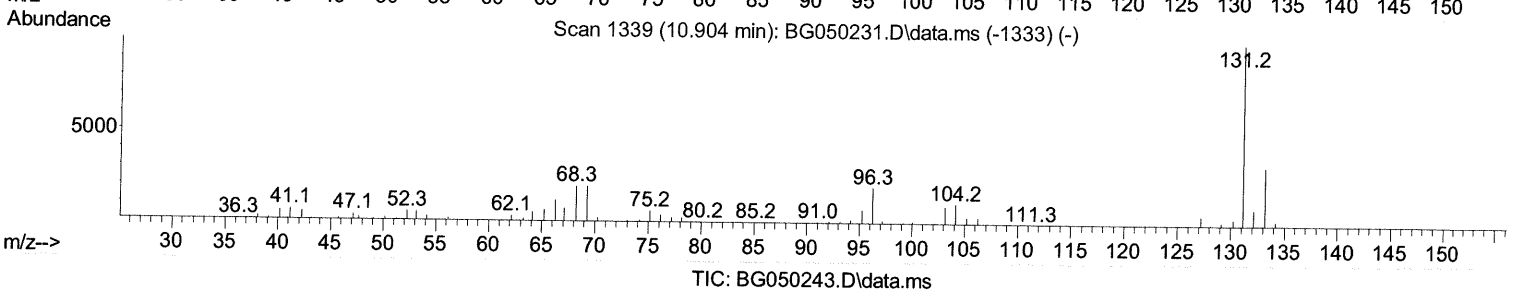
Quant Time: Sep 10 05:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.915min (-0.002) 2.11 ng/ul

response 5243

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	58.38#
69.00	21.10	57.35#
0.00	0.00	0.00

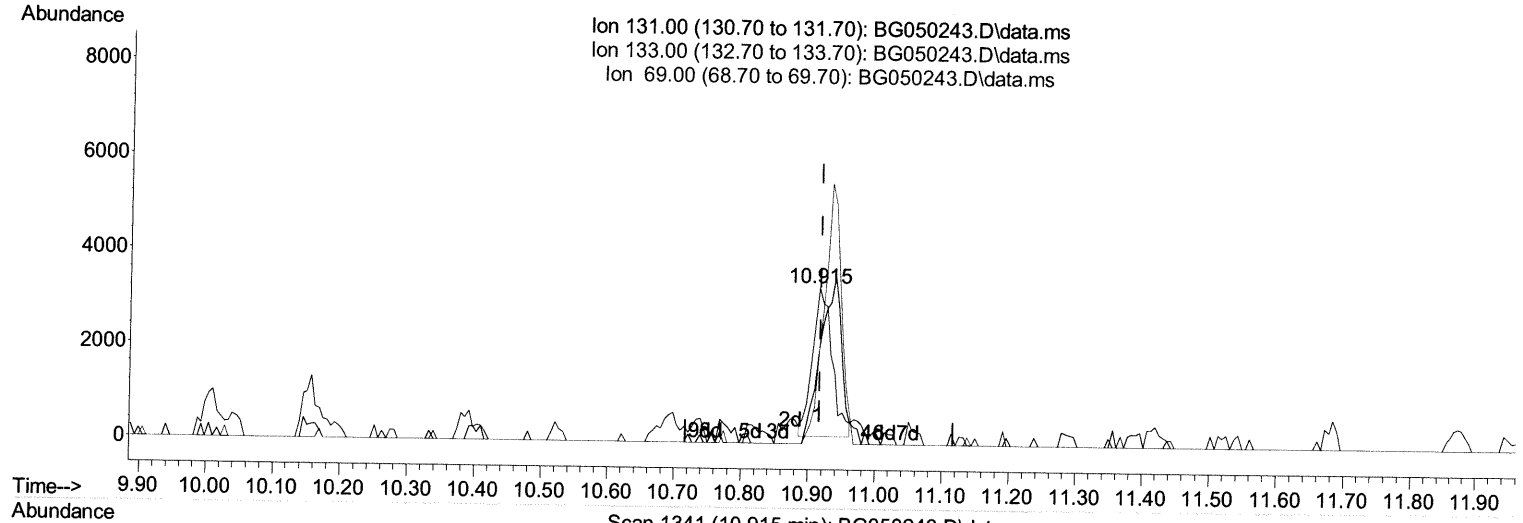
Quantitation Report (Qedit)

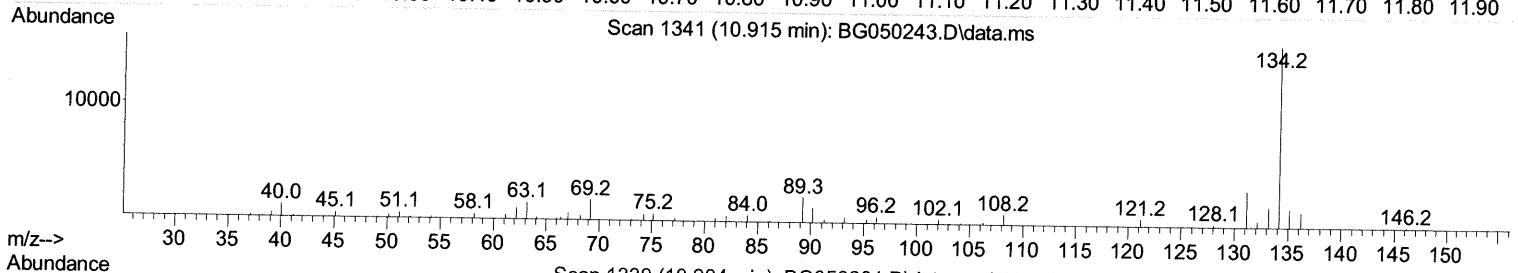
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

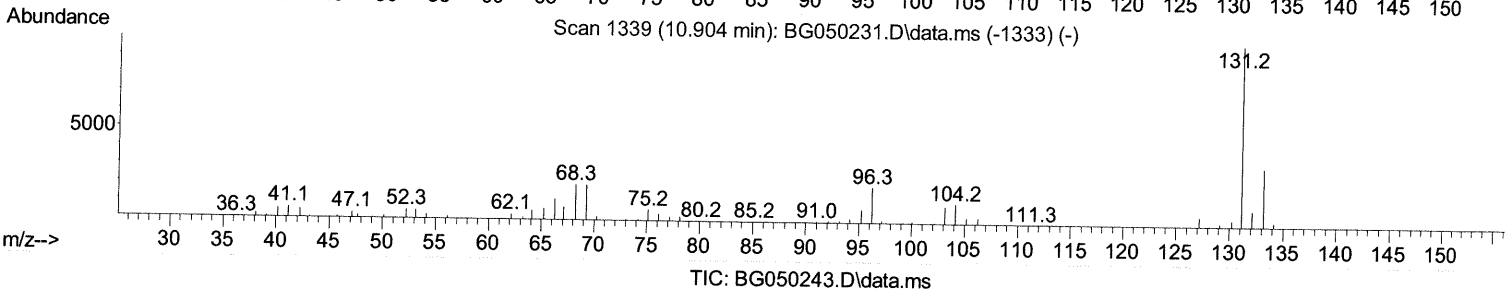
Quant Time: Sep 10 01:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.915min (-0.002) 2.57 ng/ul m 09/13/21 JU

response 6388

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	58.38#
69.00	21.10	57.35#
0.00	0.00	0.00

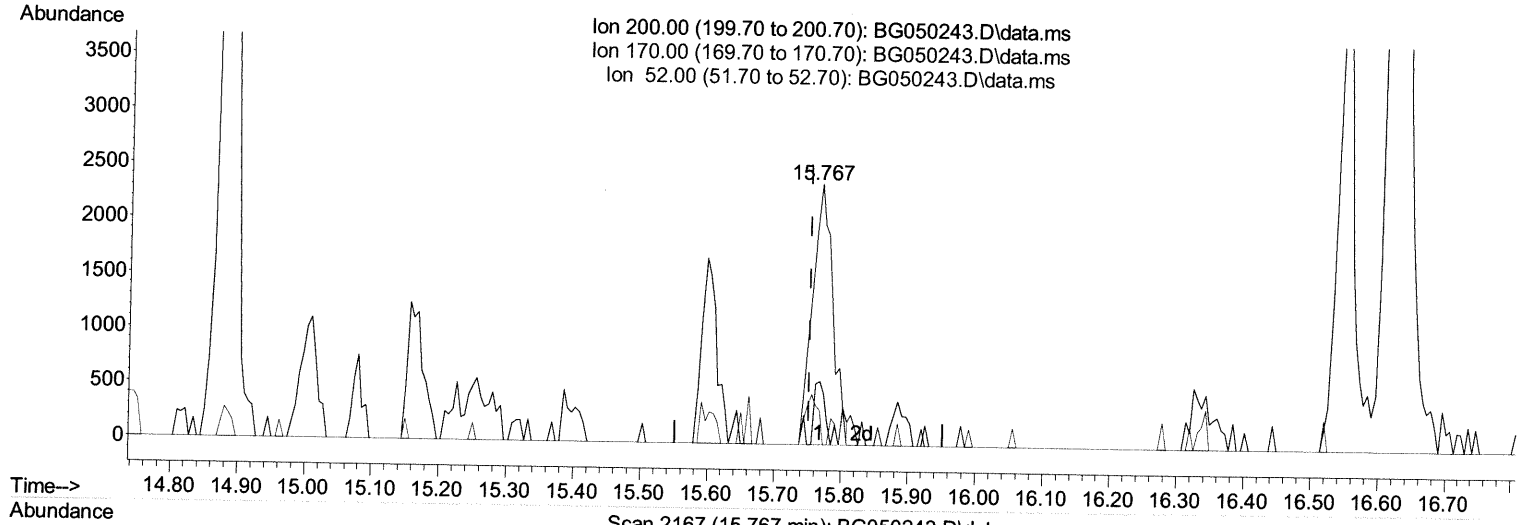
Quantitation Report (Qedit)

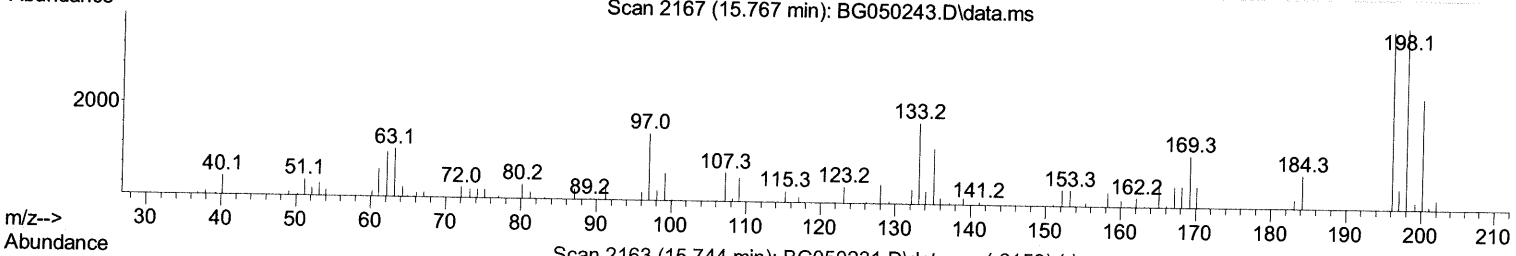
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

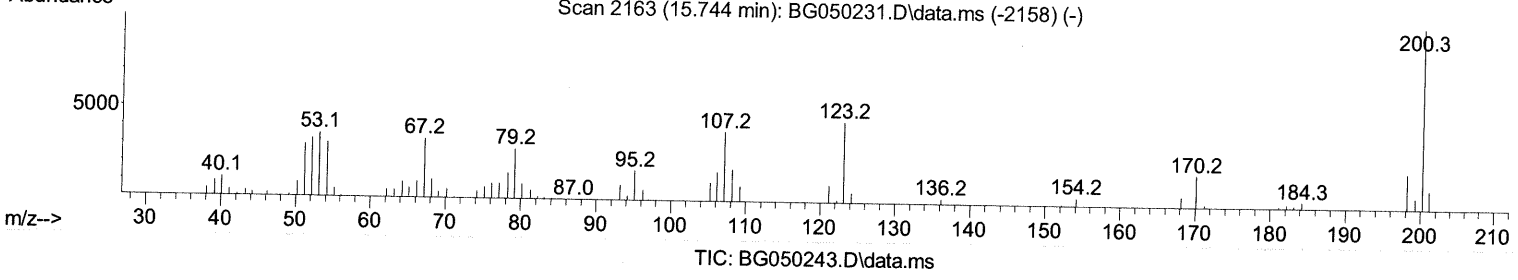
Quant Time: Sep 10 05:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM







TIC: BG050243.D\data.ms

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

15.767min (+ 0.015) 4.08 ng/ul

response 5035

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.40	24.22
52.00	45.50	13.14#
0.00	0.00	0.00

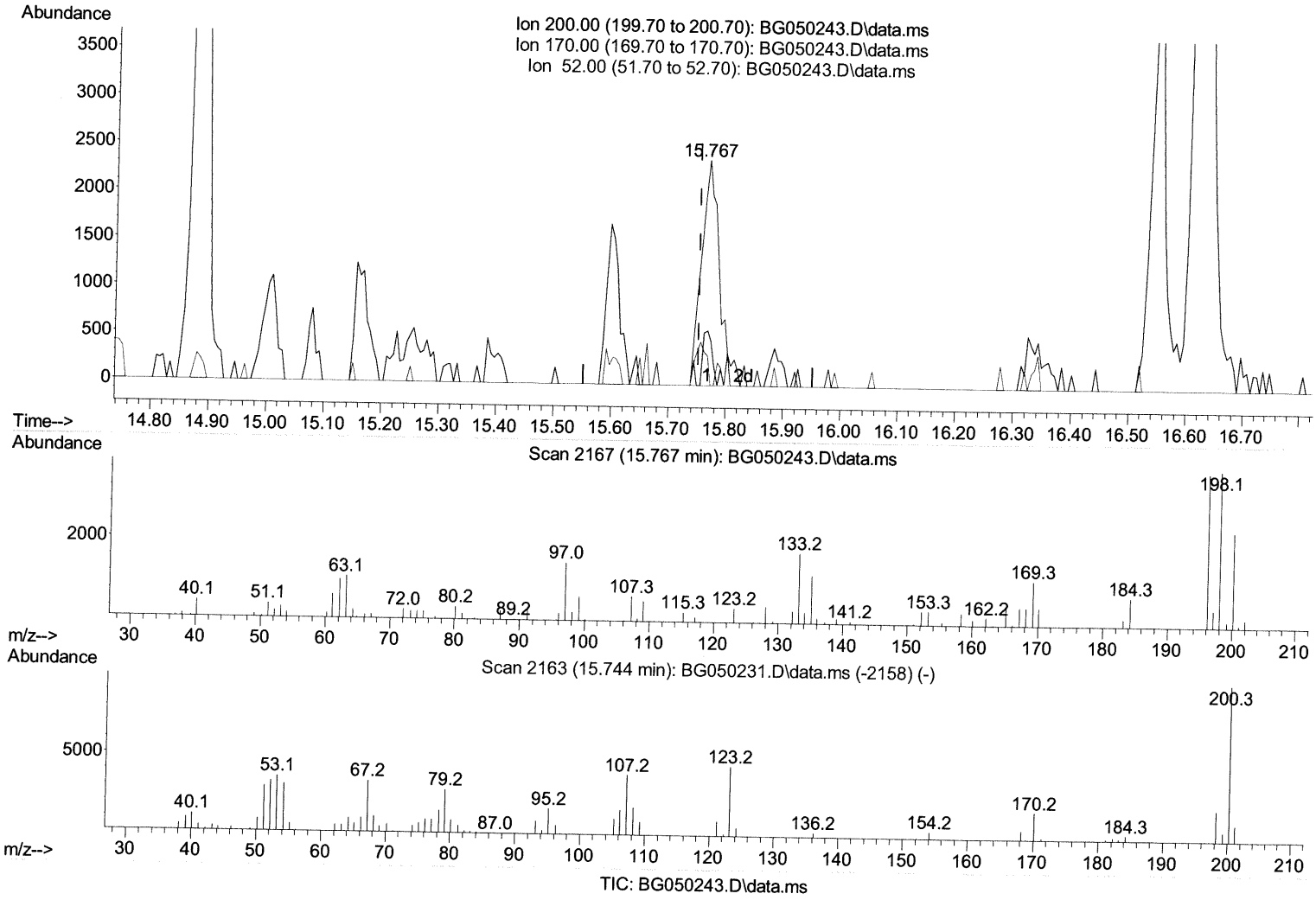
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Sep 10 01:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM



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

15.767min (+ 0.015) 4.20 ng/ul m 09/13/2021

response 5187

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.40	24.22
52.00	45.50	13.14#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050243.D
Acq On : 10 Sep 2021 00:13
Operator : CG/JU
Sample : M3608-06DL 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Sep 10 01:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : DBKK2DL

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:20 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	29604	20.000	ng/ul	-0.01	
20) Naphthalene-d8	10.768	136	126462	20.000	ng/ul	# 0.00	
38) Acenaphthene-d10	14.610	164	89896	20.000	ng/ul	0.00	
64) Phenanthrene-d10	17.359	188	204584	20.000	ng/ul	0.00	
79) Chrysene-d12	21.630	240	231435	20.000	ng/ul	0.00	
88) Perylene-d12	24.837	264	382113	20.000	ng/ul	-0.02	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL		
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul		
7) Phenol-d5	0.000	99	0d	0.000	ng/ul		
9) Bis-(2-Chloroethyl)eth...	7.278	67	3784m	2.819	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.490	132	4728m	2.478	ng/ul	0.00	09/13/21 JU
15) 4-Methylphenol-d8	8.682	113	6824m	3.776	ng/ul	0.00	
21) Nitrobenzene-d5	9.129	128	5501	6.337	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.851	143	4793	4.541	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.415	165	5098	2.531	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.915	131	6388m	2.574	ng/ul	0.00	09/13/21 JU
46) Dimethylphthalate-d6	14.011	166	23448	3.454	ng/ul	0.00	
49) Acenaphthylene-d8	14.298	160	27430	3.394	ng/ul	-0.01	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul		
60) Fluorene-d10	15.602	176	20590	3.653	ng/ul	0.00	
65) 4,6-Dinitro-2-methylph...	15.767	200	5187m	4.203	ng/ul	0.02	09/13/21 JU
73) Anthracene-d10	17.459	188	32348	3.522	ng/ul	0.00	
81) Pyrene-d10	19.750	212	43423	3.767	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.626	264	48583	2.402	ng/ul	-0.01	
Target Compounds						Qvalue	
30) Naphthalene	10.821	128	2042702	351.701	ng/ul#	94	
36) 2-Methylnaphthalene	12.424	142	47005	10.944	ng/ul	98	
37) 1-Methylnaphthalene	12.648	142	93934	22.777	ng/ul	97	
42) 2,4,5-Trichlorophenol	13.153	196	1895	1.056	ng/ul#	73	
43) 1,1'-Biphenyl	13.435	154	30464	4.694	ng/ul	97	
50) Acenaphthylene	14.328	152	10090	1.336	ng/ul#	86	
52) Acenaphthene	14.668	153	103130	19.161	ng/ul	95	
56) Dibenzofuran	15.003	168	81147	10.958	ng/ul	95	
58) 2,3,4,6-Tetrachlorophenol	15.250	232	7215	5.306	ng/ul#	92	
61) Fluorene	15.655	166	54498	8.778	ng/ul	100	
71) Pentachlorophenol	17.030	266	11793	15.663	ng/ul	92	
72) Phenanthrene	17.406	178	56774	5.441	ng/ul	96	
77) Carbazole	17.770	167	256397	27.488	ng/ul	99	

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