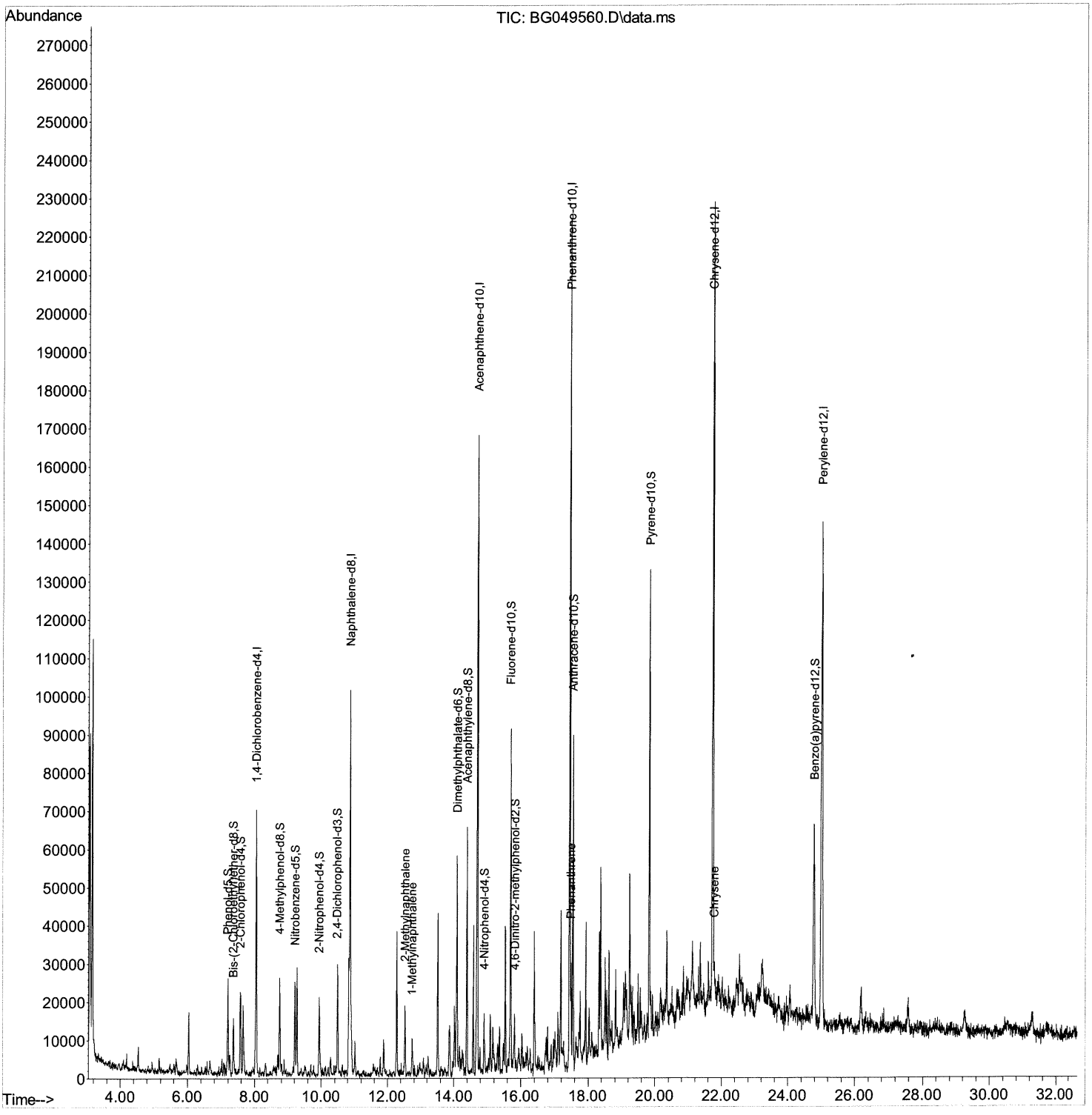
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049560.D
Acq On : 29 Jul 2021 15:13
Operator : CG/JU
Sample : M3123-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 15:56:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:05 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049560.D
Acq On : 29 Jul 2021 15:13
Operator : CG/JU
Sample : M3123-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 15:56:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
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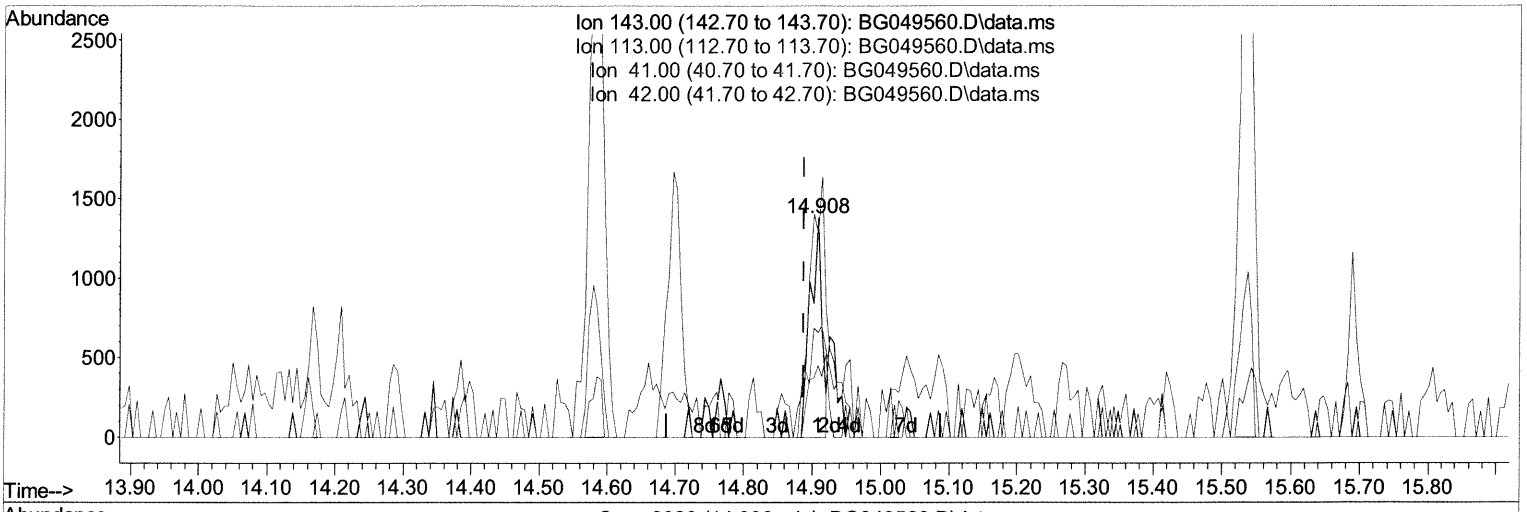
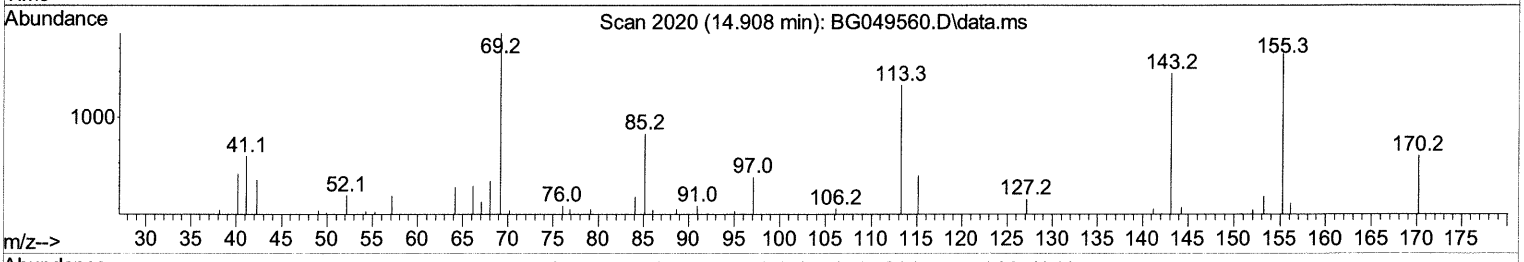
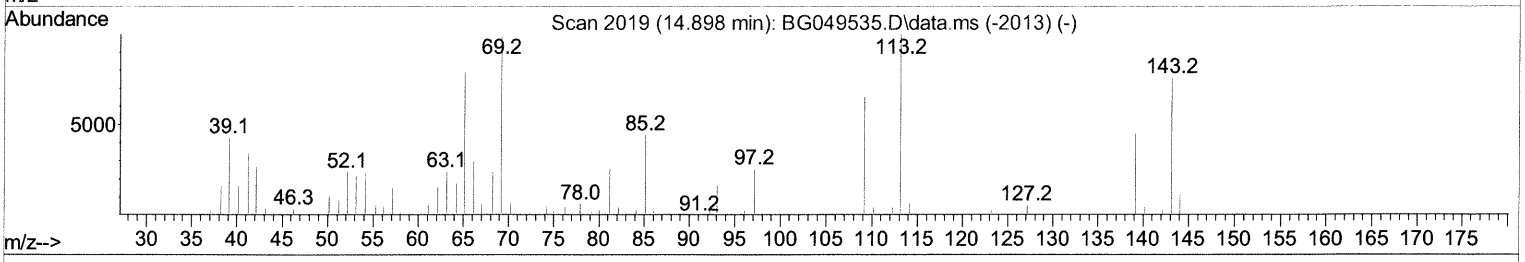






TIC: BG049560.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.908min (+ 0.021) 2.12 ng/ul

response 1630

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.50	92.62#
41.00	48.90	47.68
42.00	40.70	32.49#

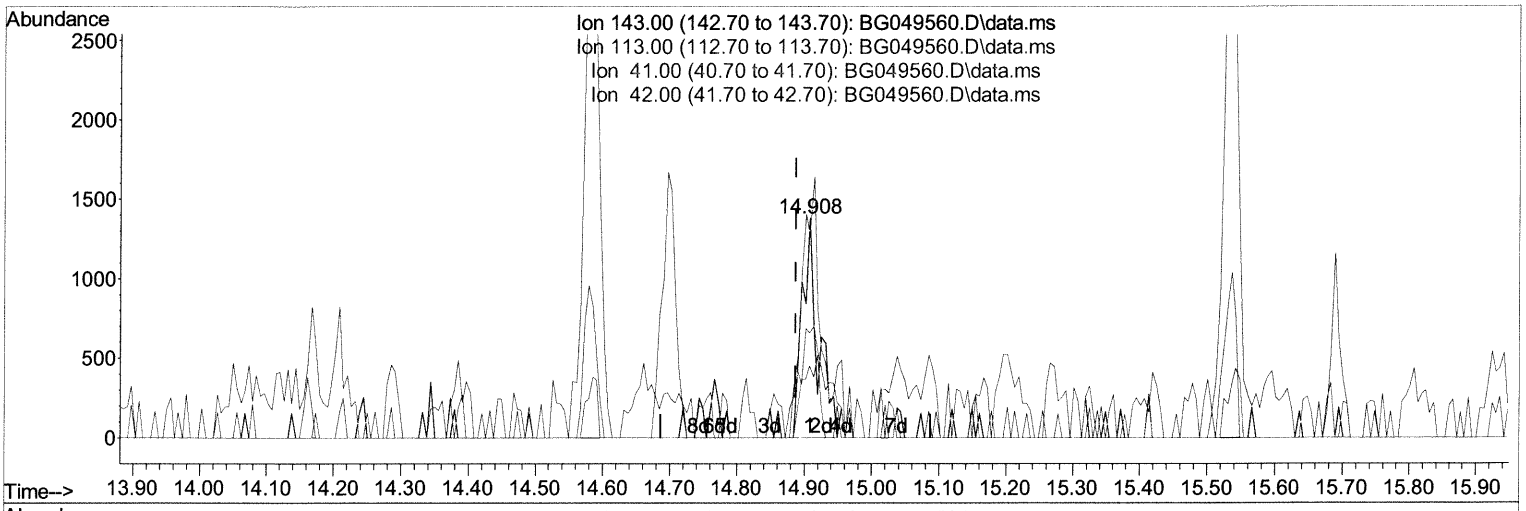
Quantitation Report (Qedit)

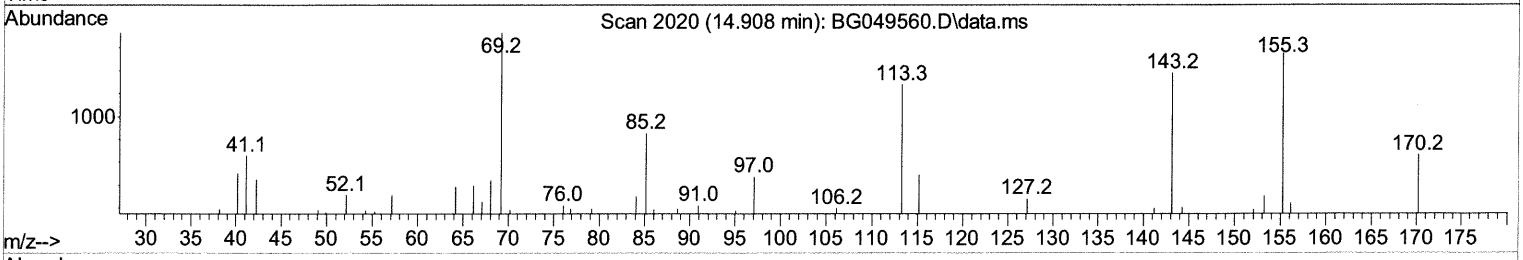
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049560.D
Acq On : 29 Jul 2021 15:13
Operator : CG/JU
Sample : M3123-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

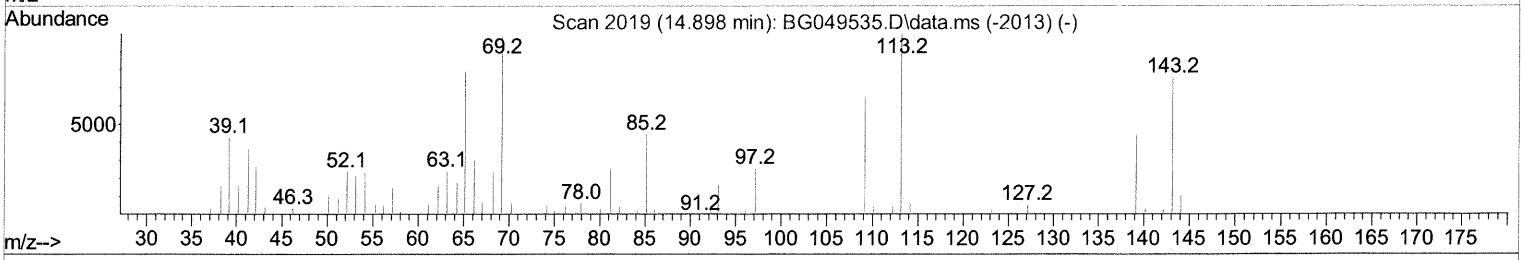
Quant Time: Jul 29 15:56:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:05 PM







TIC: BG049560.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.908min (+ 0.021) 2.90 ng/ul m 08/04/21 JU

response 2228

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.50	92.62#
41.00	48.90	47.68
42.00	40.70	32.49#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049560.D
Acq On : 29 Jul 2021 15:13
Operator : CG/JU
Sample : M3123-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 15:56:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
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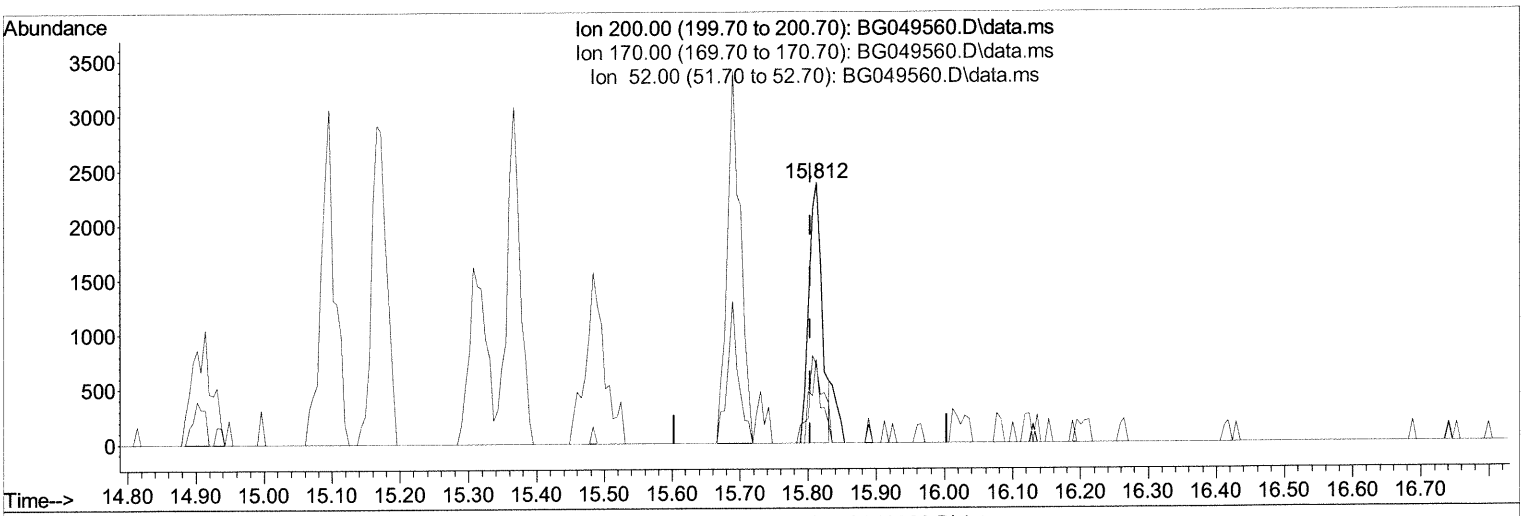

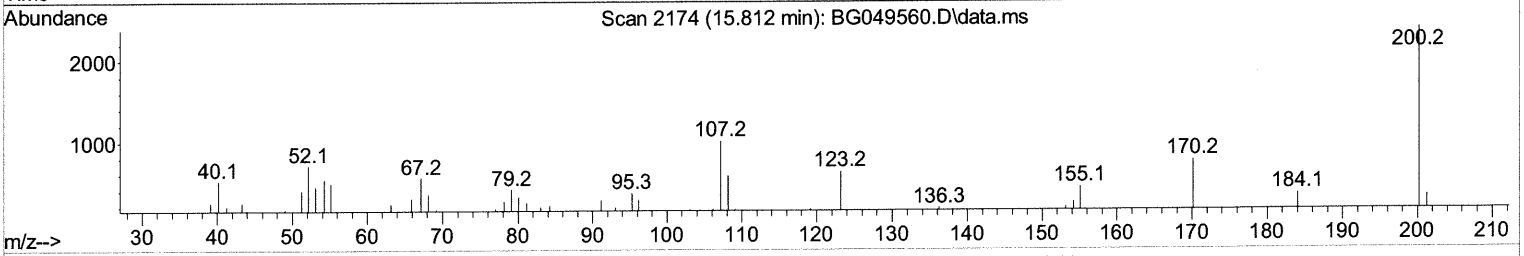

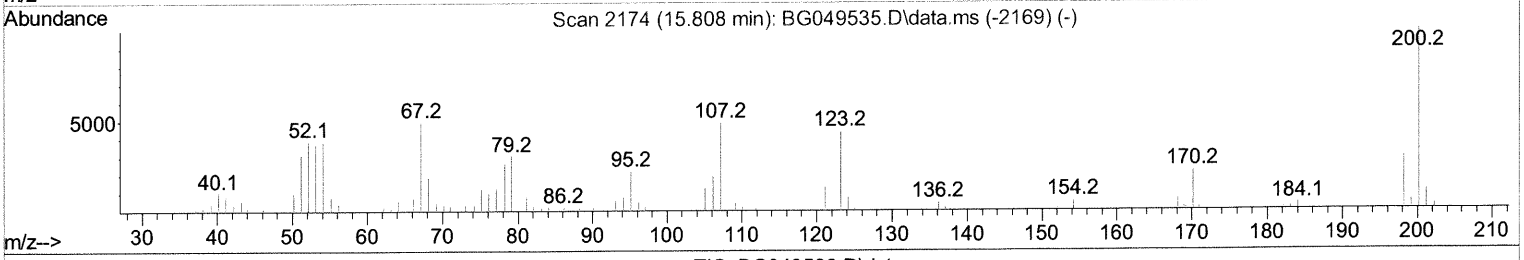

TIC: BG049560.D\data.ms

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

15.812min (+ 0.009) 3.88 ng/ul

response 3197

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.70	32.30#
52.00	52.30	29.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049560.D
Acq On : 29 Jul 2021 15:13
Operator : CG/JU
Sample : M3123-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 15:56:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
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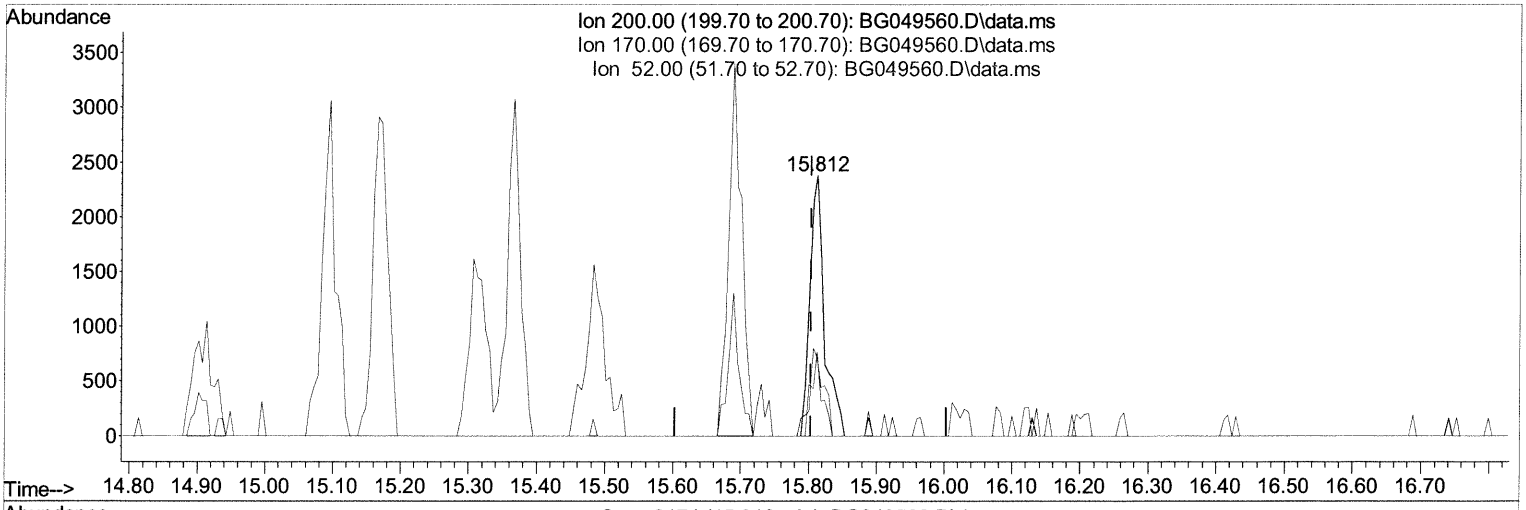

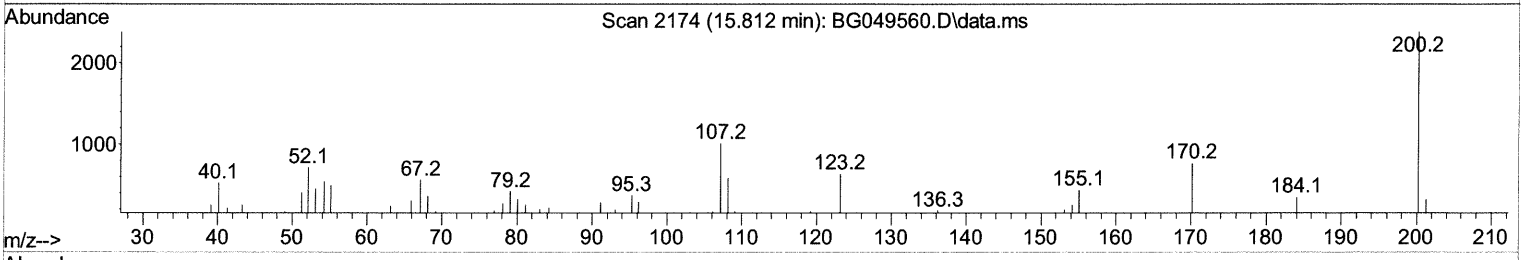

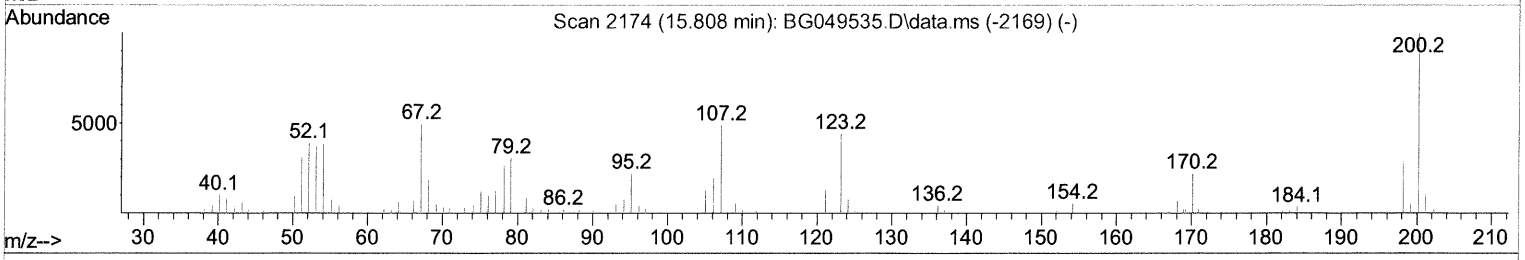

TIC: BG049560.D\data.ms

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

15.812min (+ 0.009) 4.34 ng/ul m 08/04/21 JU

response 3576

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.70	32.30#
52.00	52.30	29.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049560.D
Acq On : 29 Jul 2021 15:13
Operator : CG/JU
Sample : M3123-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 15:56:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0071

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	18771	20.000	ng/ul	0.00
20) Naphthalene-d8	10.872	136	79588	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.702	164	60815	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	132913	20.000	ng/ul	0.00
79) Chrysene-d12	21.728	240	128469	20.000	ng/ul	0.00
88) Perylene-d12	25.018	264	136895	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	67	0.163	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.201	99	12369	7.448	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	7478	7.950	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132	9424	7.916	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	8809	7.037	ng/ul	0.00
21) Nitrobenzene-d5	9.221	128	4903	8.013	ng/ul	0.00
24) 2-Nitrophenol-d4	9.944	143	6075	8.472	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	9346	7.167	ng/ul	0.00
31) 4-Chloroaniline-d4	11.013	131	384	0.211	ng/ul	0.01
46) Dimethylphthalate-d6	14.097	166	34535	7.413	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	43163	7.977	ng/ul	0.00
54) 4-Nitrophenol-d4	14.908	143	2228m >	2.904	ng/ul >	0.02 08/04/2021
60) Fluorene-d10	15.689	176	34950	8.708	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	3576m >	4.342	ng/ul >	0.00 08/04/2021
73) Anthracene-d10	17.545	188	50630	8.196	ng/ul	0.00
81) Pyrene-d10	19.836	212	63417	9.654	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.783	264	52939	7.358	ng/ul	0.01
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.523	142	8149	2.716	ng/ul	97
37) 1-Methylnaphthalene	12.746	142	4702	1.551	ng/ul#	96
72) Phenanthrene	17.487	178	17623	2.547	ng/ul	97
87) Chrysene	21.775	228	9480	1.261	ng/ul#	81

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

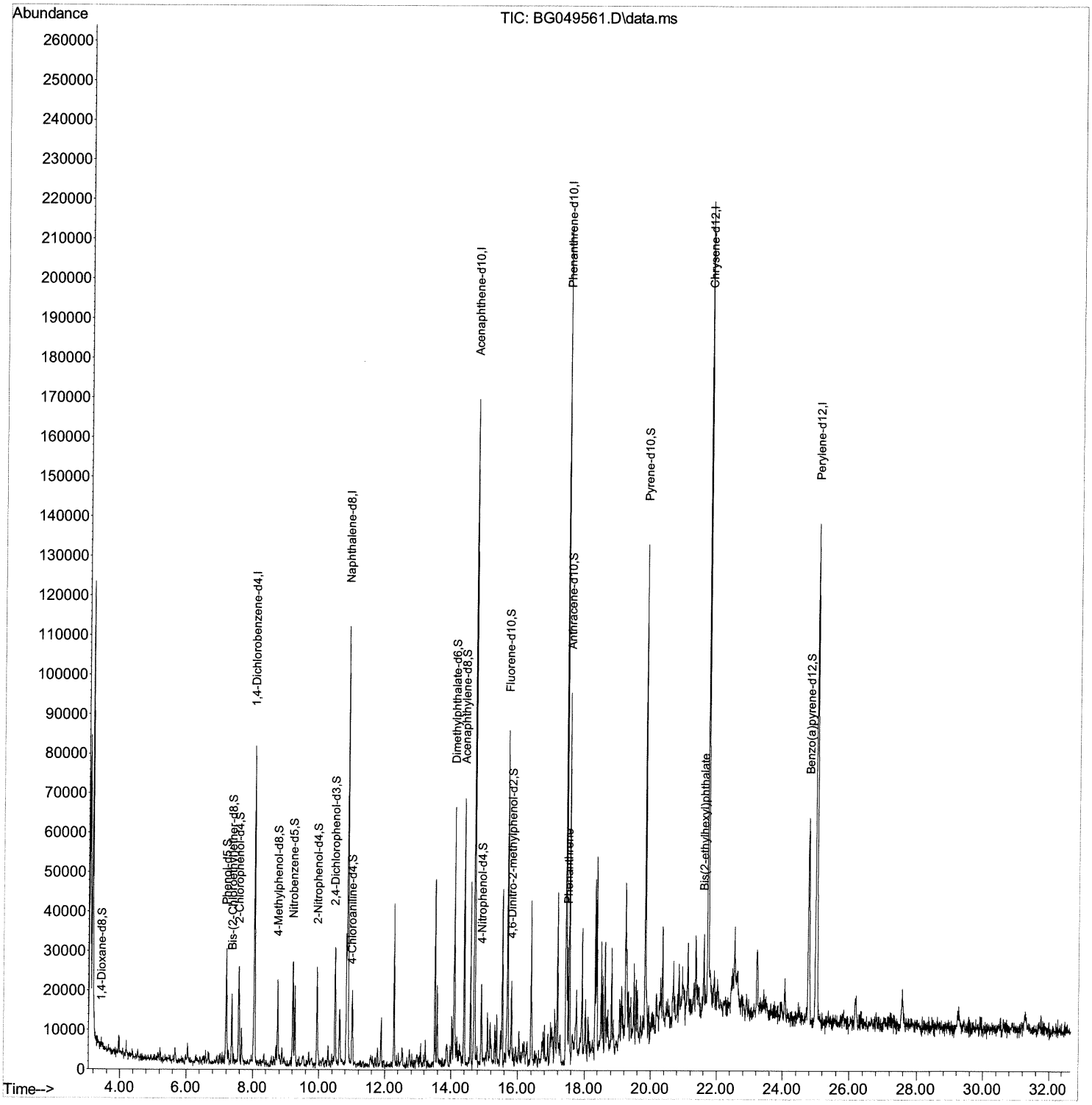
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049561.D
Acq On : 29 Jul 2021 15:54
Operator : CG/JU
Sample : M3123-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 29 16:49:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:05 PM



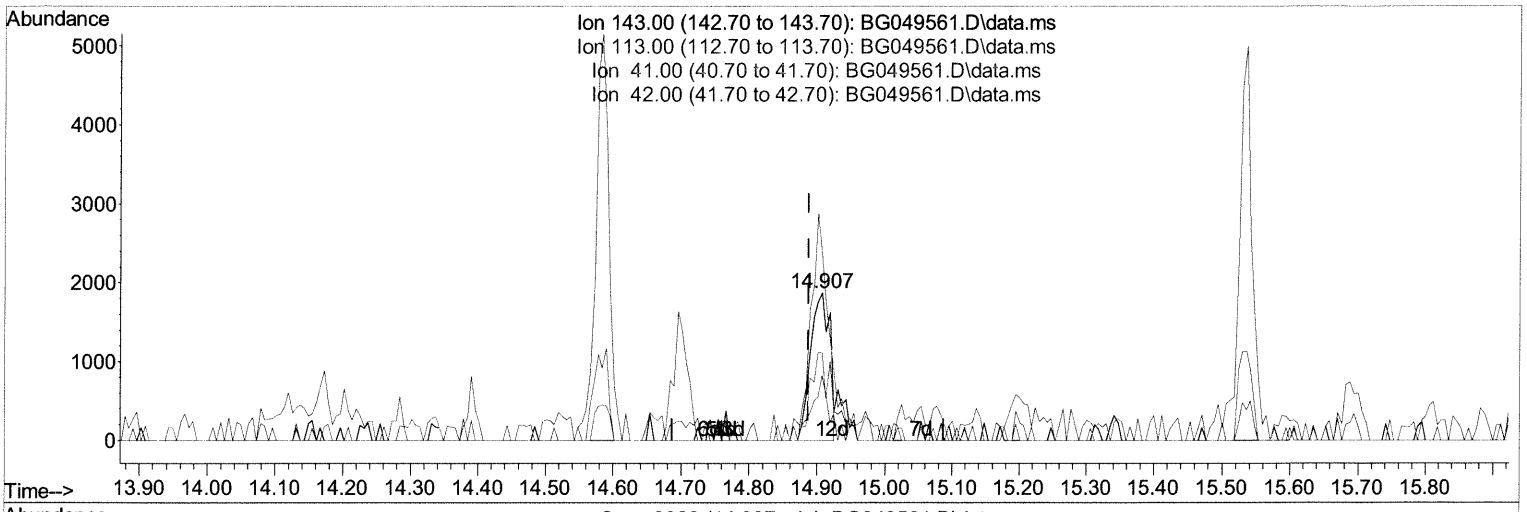
Quantitation Report (Qedit)

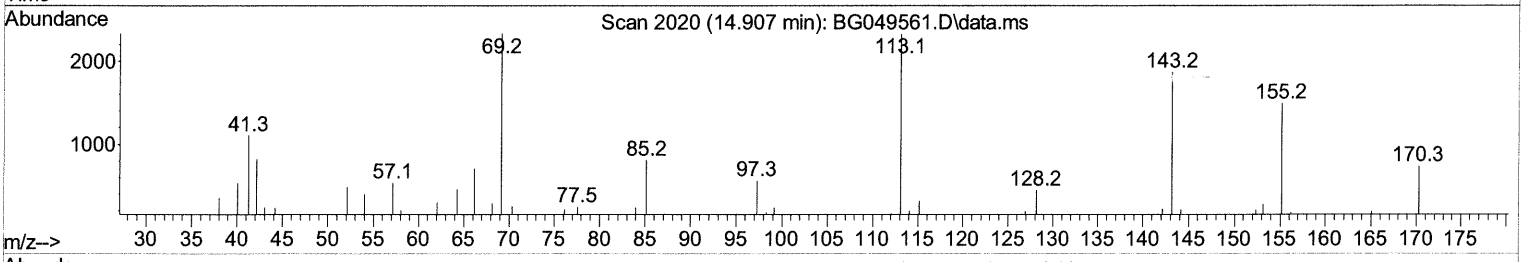
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049561.D
Acq On : 29 Jul 2021 15:54
Operator : CG/JU
Sample : M3123-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

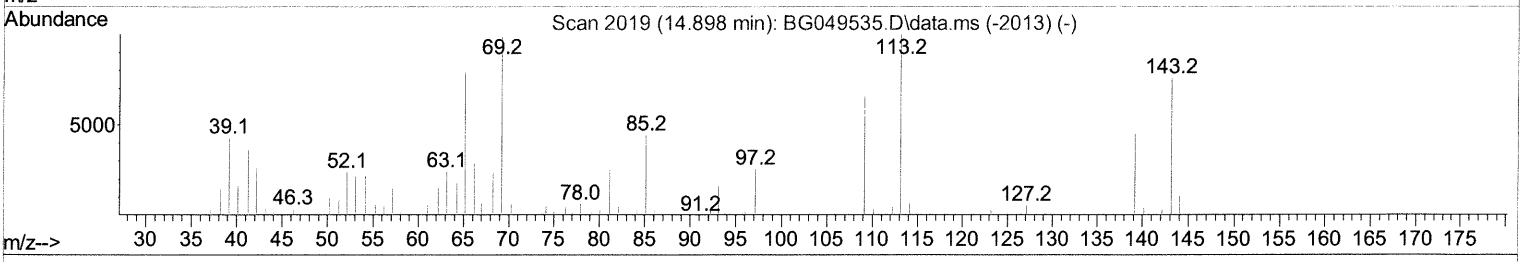
Quant Time: Jul 29 16:49:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:05 PM







TIC: BG049561.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.907min (+ 0.020) 4.83 ng/ul

response 3684

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.50	124.47
41.00	48.90	59.13#
42.00	40.70	43.86

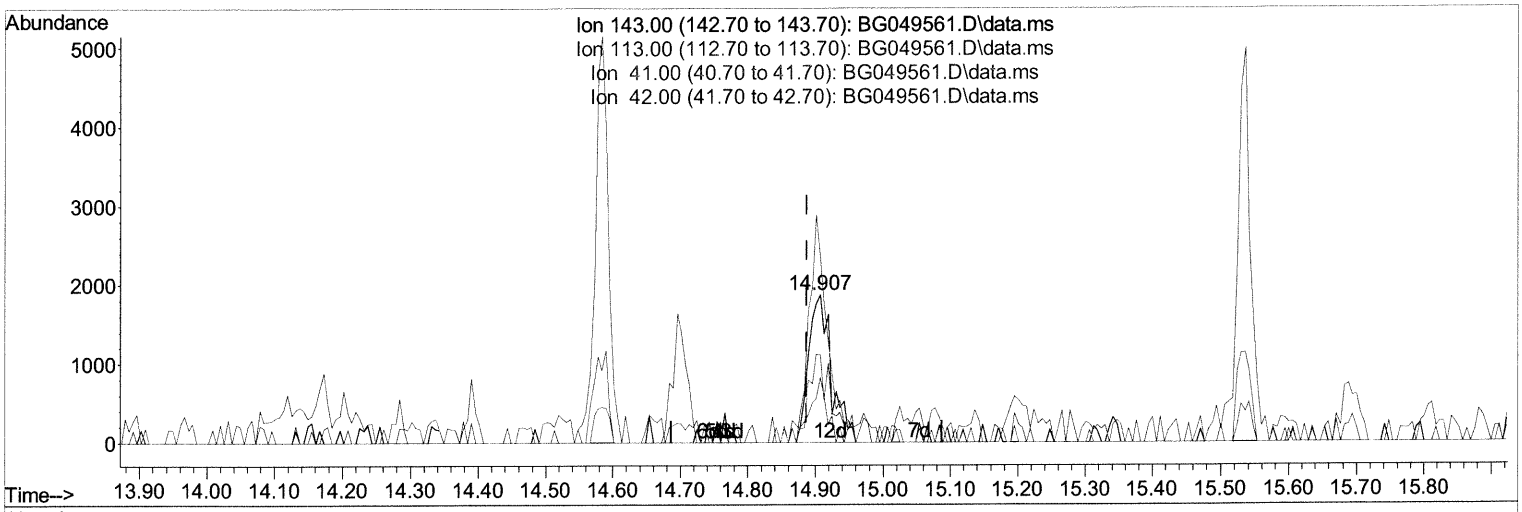
Quantitation Report (Qedit)

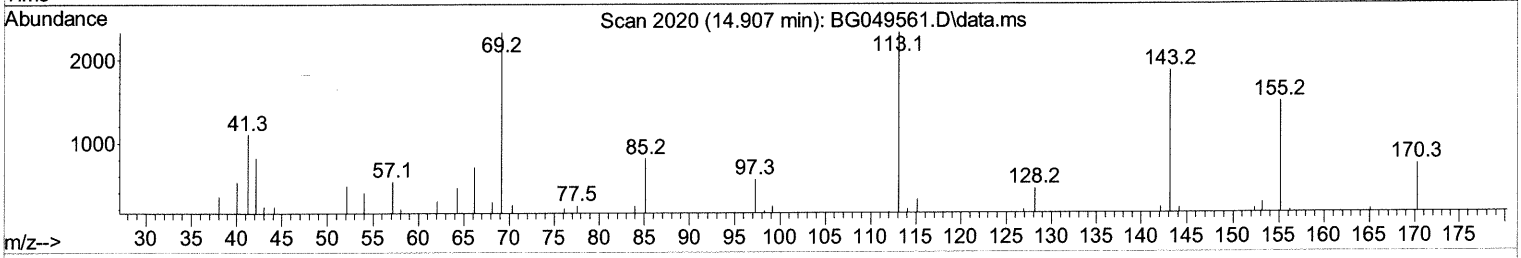
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049561.D
Acq On : 29 Jul 2021 15:54
Operator : CG/JU
Sample : M3123-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

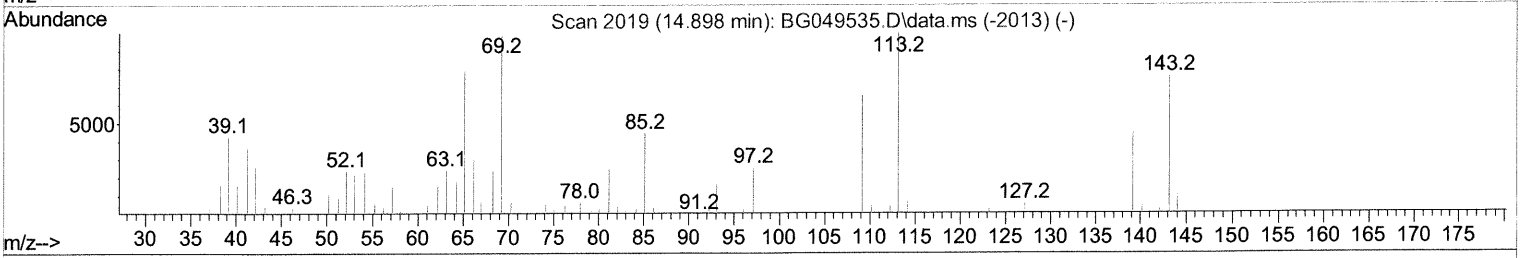
Quant Time: Jul 29 16:49:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:05 PM







TIC: BG049561.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.907min (+ 0.020) 5.77 ng/ul m 08/04/21 JU

response 4394

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.50	124.47
41.00	48.90	59.13#
42.00	40.70	43.86

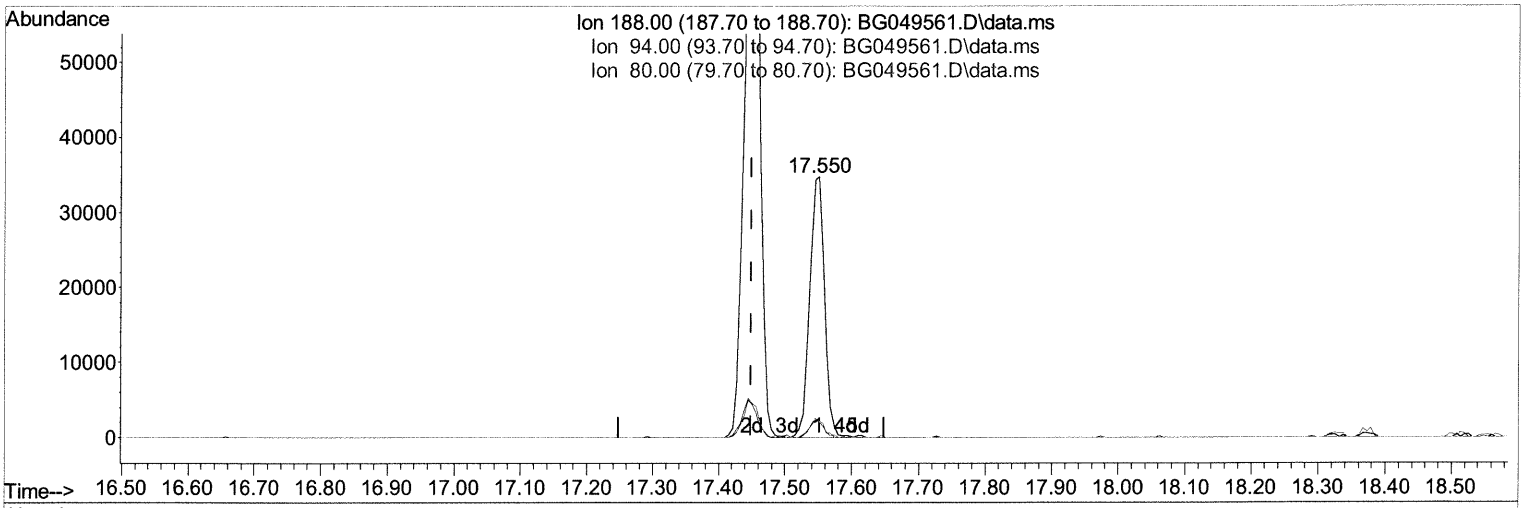
Quantitation Report (Qedit)

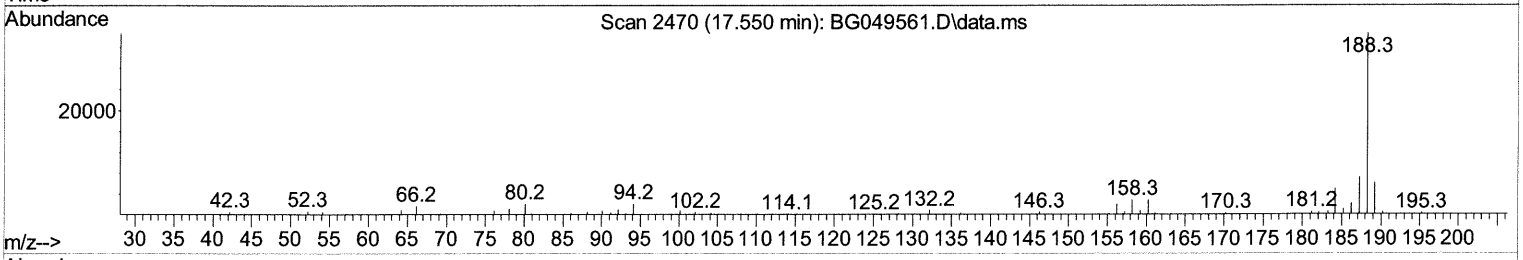
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049561.D
Acq On : 29 Jul 2021 15:54
Operator : CG/JU
Sample : M3123-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

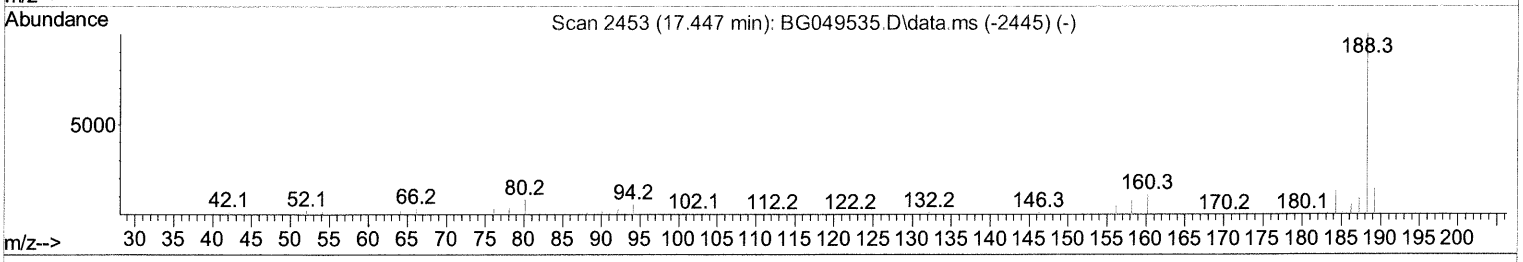
Quant Time: Jul 29 16:49:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:05 PM







TIC: BG049561.D\data.ms

(64) Phenanthrene-d10 (I)

17.550min (+ 0.102) 20.00 ng/ul

response 52974

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	6.29
80.00	7.00	6.22
0.00	0.00	0.00

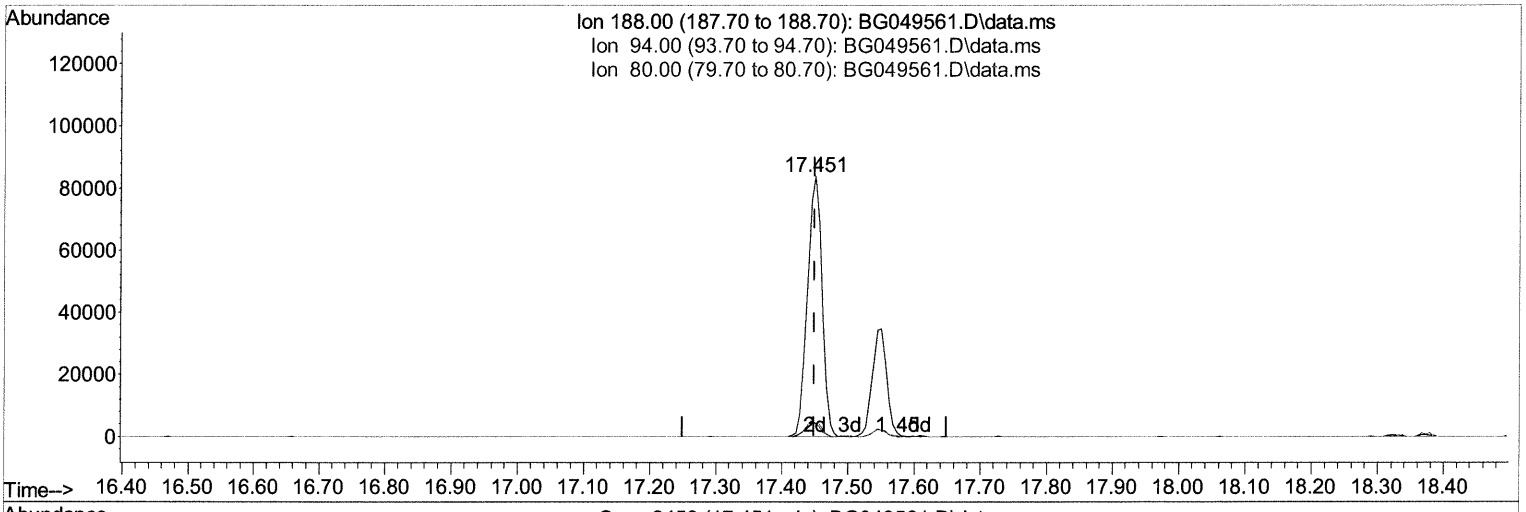
Quantitation Report (Qedit)

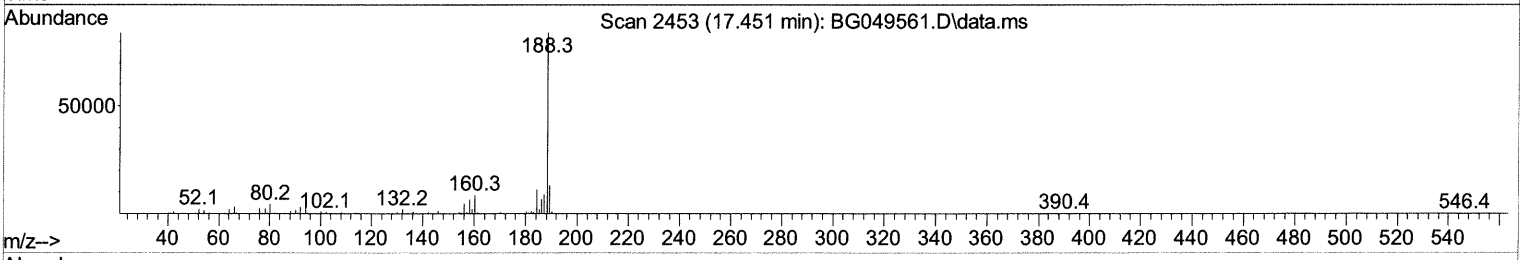
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049561.D
Acq On : 29 Jul 2021 15:54
Operator : CG/JU
Sample : M3123-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

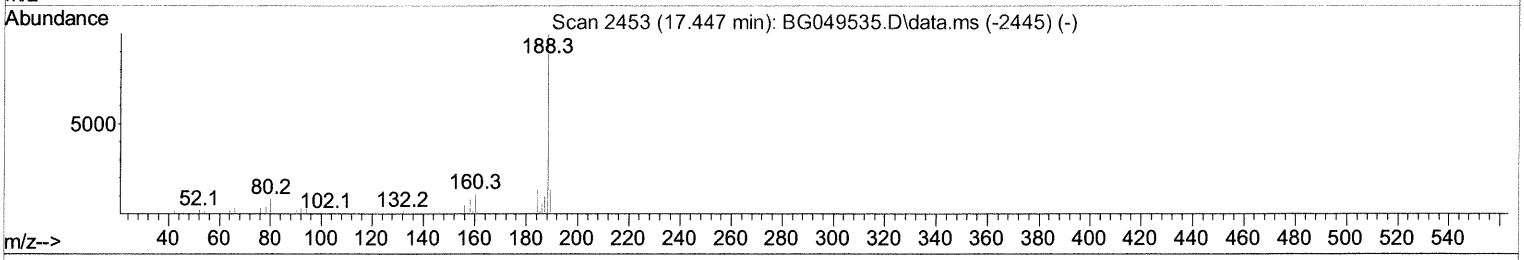
Quant Time: Jul 29 16:49:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0071

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:05 PM







TIC: BG049561.D\data.ms

(64) Phenanthrene-d10 (I)

17.451min (+ 0.002) 20.00 ng/ul m CG 8/04/21 JU

response 129819

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.13
80.00	7.00	5.33#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049561.D
Acq On : 29 Jul 2021 15:54
Operator : CG/JU
Sample : M3123-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 29 16:49:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0071

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:05 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)	
Internal Standards								
1) 1,4-Dichlorobenzene-d4	8.046	152	21976	20.000	ng/ul		0.00	
20) Naphthalene-d8	10.871	136	88913	20.000	ng/ul		0.00	
38) Acenaphthene-d10	14.695	164	60406	20.000	ng/ul		0.00	
64) Phenanthrene-d10	17.451	188	129819m	20.000	ng/ul	>	0.00	08/04/21 JU
79) Chrysene-d12	21.733	240	125815	20.000	ng/ul	#	0.00	
88) Perylene-d12	25.011	264	131999	20.000	ng/ul		0.00	
System Monitoring Compounds								
3) 1,4-Dioxane-d8	3.440	96	622	1.295	ng/uL		0.00	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul			
7) Phenol-d5	7.200	99	14994	7.712	ng/ul		0.00	
9) Bis-(2-Chloroethyl)eth...	7.370	67	8922	8.102	ng/ul		0.00	
11) 2-Chlorophenol-d4	7.576	132	11205	8.040	ng/ul		0.00	
15) 4-Methylphenol-d8	8.756	113	7740	5.281	ng/ul		0.00	
21) Nitrobenzene-d5	9.220	128	6071	8.881	ng/ul		0.00	
24) 2-Nitrophenol-d4	9.949	143	6590	8.227	ng/ul		0.00	
28) 2,4-Dichlorophenol-d3	10.483	165	11354	7.793	ng/ul		0.00	
31) 4-Chloroaniline-d4	11.000	131	8414	4.144	ng/ul		0.00	
46) Dimethylphthalate-d6	14.096	166	39303	8.494	ng/ul		0.00	
49) Acenaphthylene-d8	14.396	160	47595	8.856	ng/ul		0.00	
54) 4-Nitrophenol-d4	14.907	143	4394m	5.766	ng/ul	>	0.02	08/04/21 JU
60) Fluorene-d10	15.694	176	34669	8.697	ng/ul		0.00	
65) 4,6-Dinitro-2-methylph...	15.806	200	4588	5.703	ng/ul		0.00	
73) Anthracene-d10	17.550	188	52974	8.780	ng/ul		0.00	
81) Pyrene-d10	19.836	212	64033	9.953	ng/ul		0.00	
92) Benzo(a)pyrene-d12	24.782	264	56547	8.151	ng/ul		0.01	
Target Compounds							Qvalue	
72) Phenanthrene	17.492	178	16146	2.389	ng/ul		96	
86) Bis(2-ethylhexyl)phtha...	21.604	149	4648	1.037	ng/ul		91	

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