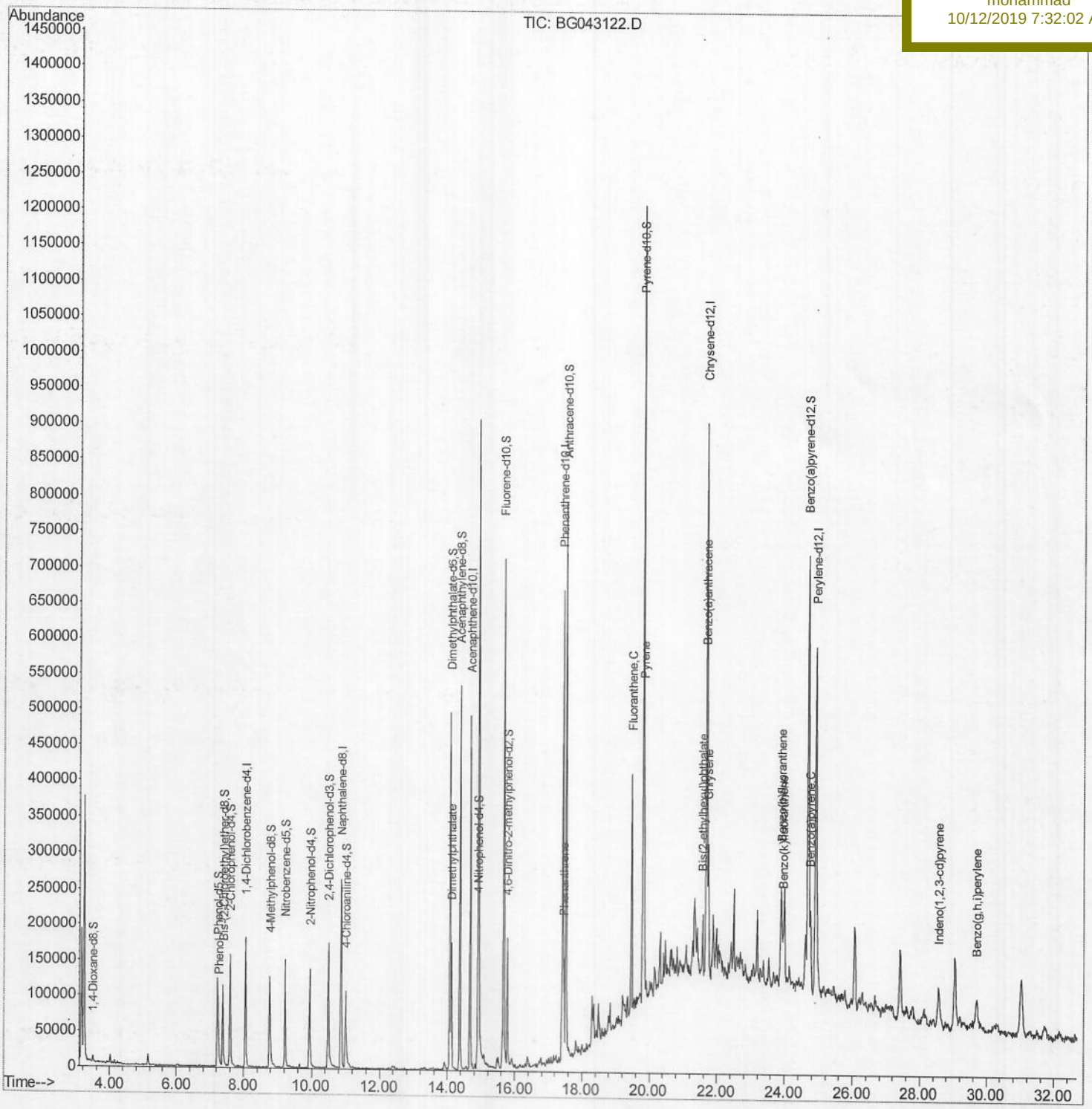
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 10 05:21:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BEP90

Manual Integrations APPROVED
mohammad
10/12/2019 7:32:02 AM



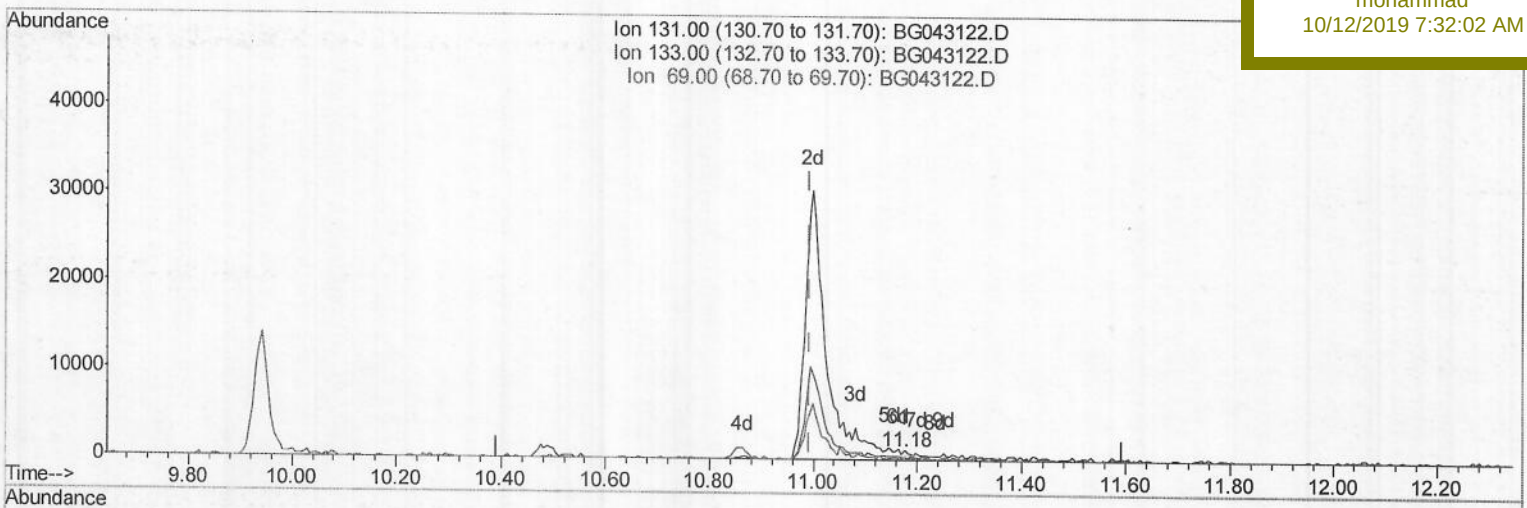
Quantitation Report (Qedit)

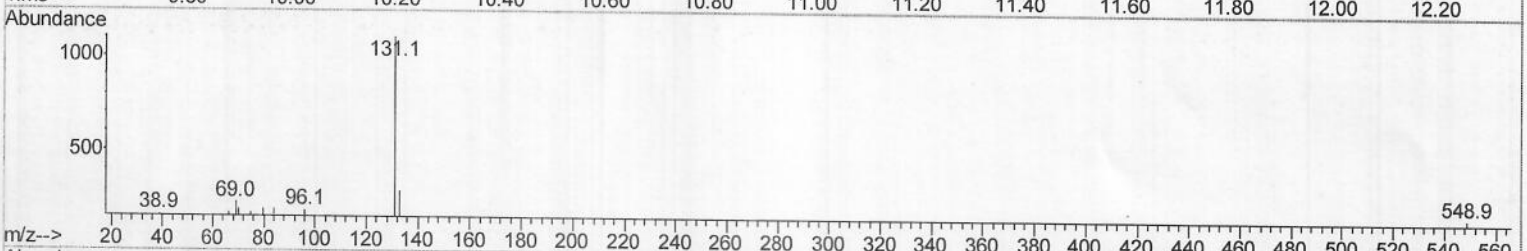
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

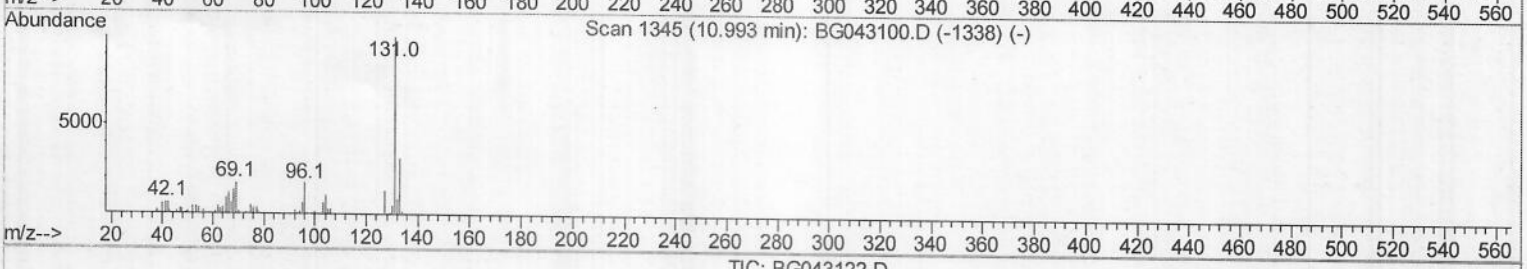
Quant Time: Oct 10 05:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BEP90

Manual Integrations APPROVED
mohammad
10/12/2019 7:32:02 AM







TIC: BG043122.D

(29) 4-Chloroaniline-d4 (S)

11.175min (+0.182) 0.07ng/ul

response 309

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	26.33
69.00	17.60	20.63
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 10 05:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
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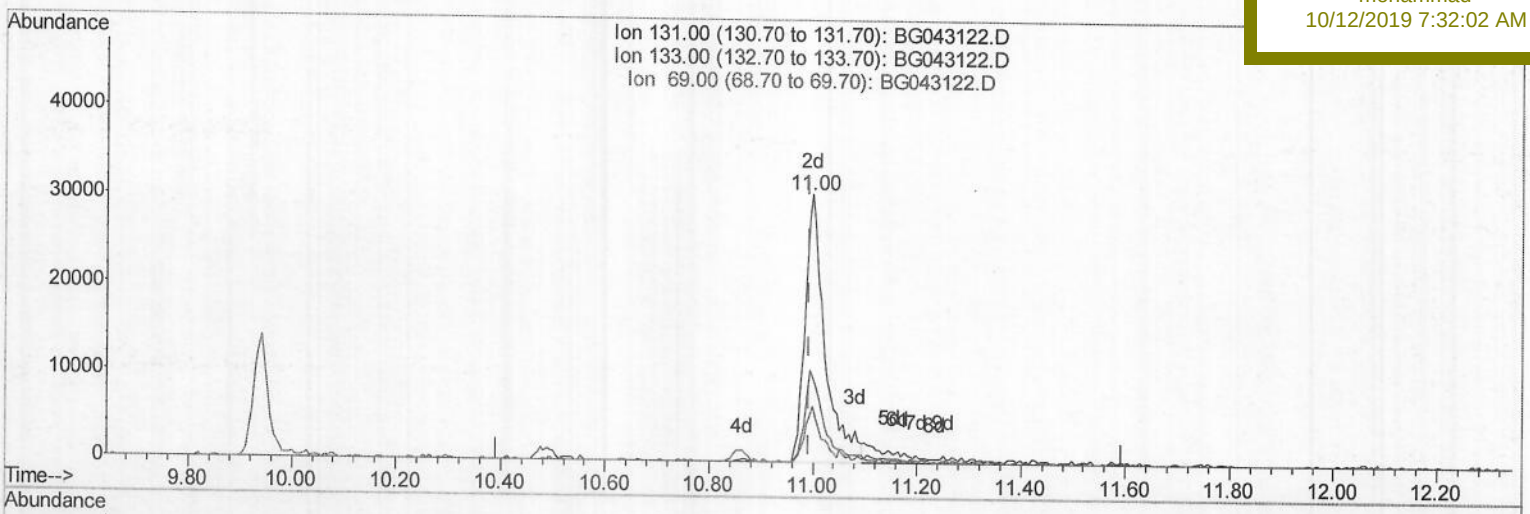
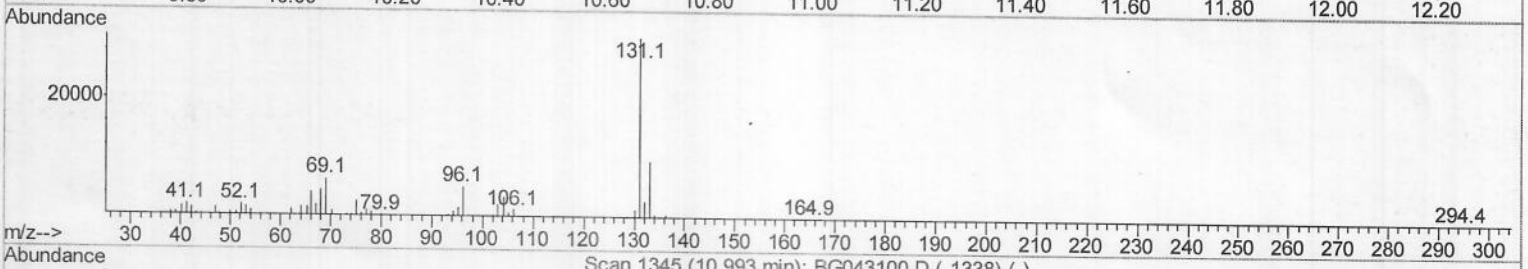
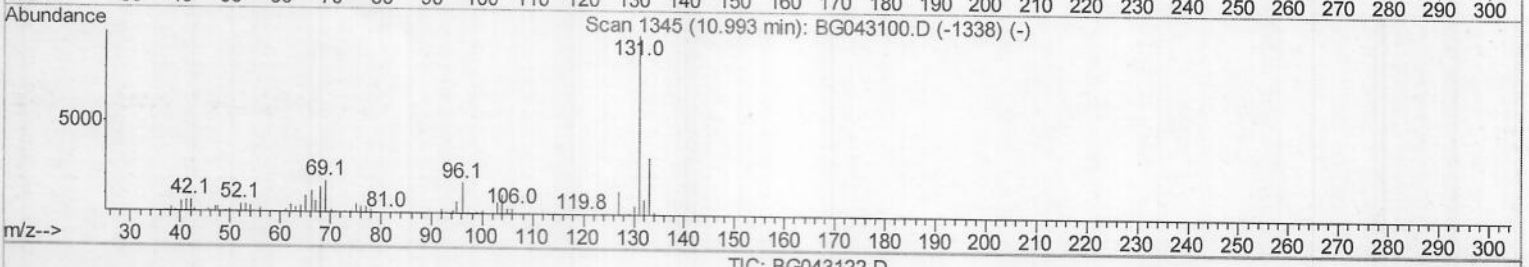
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BEP90

Manual Integrations APPROVED
mohammad
10/12/2019 7:32:02 AM







TIC: BG043122.D

(29) 4-Chloroaniline-d4 (S)

10.999min (+0.005) 20.14ng/ul m JU 10/12/19

response 83300

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	32.00
69.00	17.60	21.12#
0.00	0.00	0.00

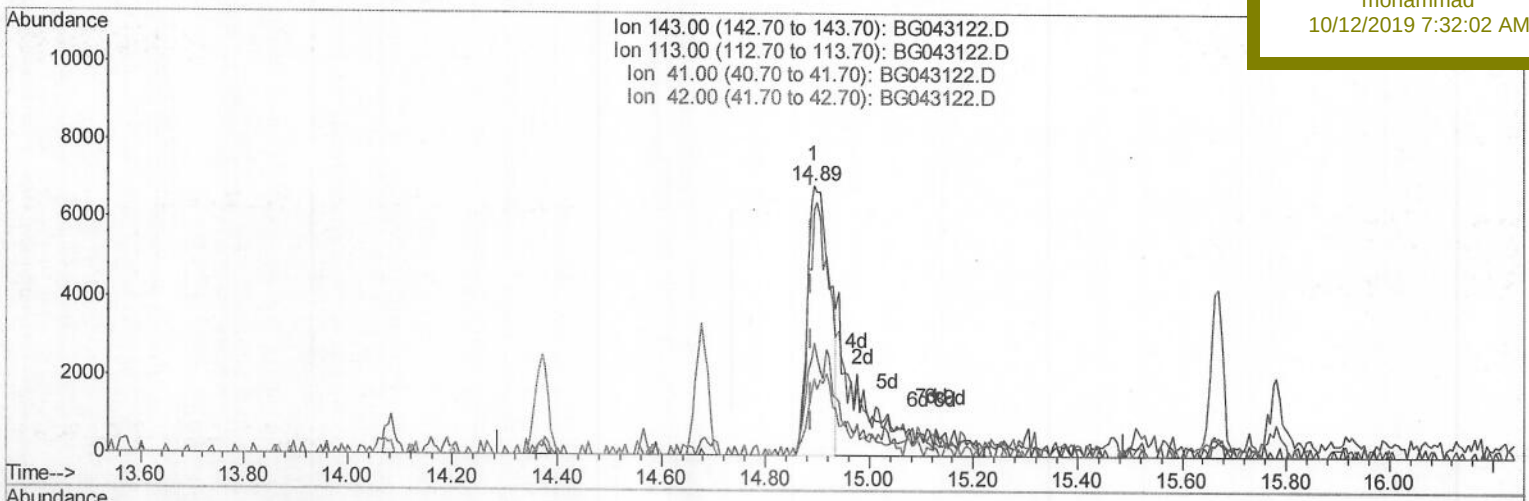
Quantitation Report (Qedit)

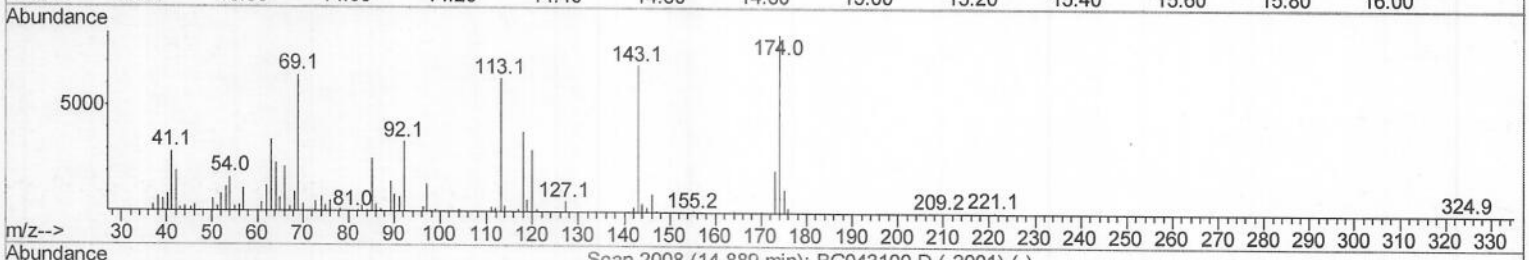
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

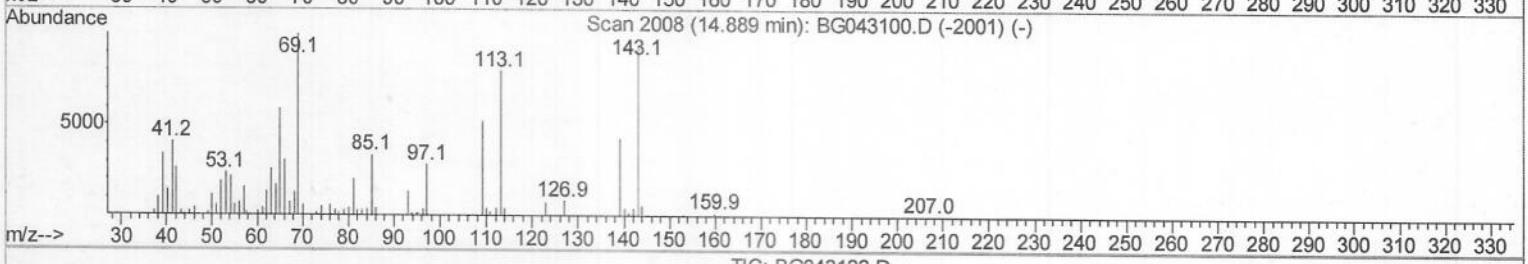
Quant Time: Oct 10 05:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BEP90

Manual Integrations APPROVED
mohammad
10/12/2019 7:32:02 AM







TIC: BG043122.D

(51) 4-Nitrophenol-d4 (S)

14.894min (+0.005) 10.88ng/ul

response 20494

Ion	Exp%	Act%
143.00	100	100
113.00	84.80	90.98
41.00	42.80	41.92
42.00	28.10	28.86

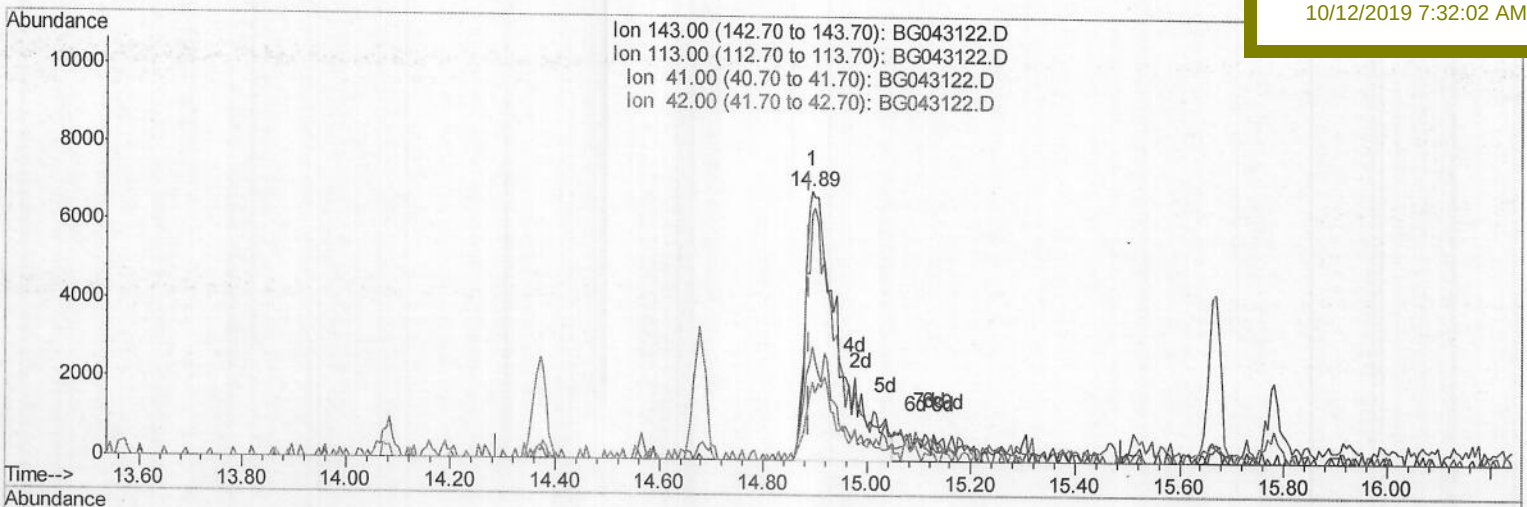
Quantitation Report (Qedit)

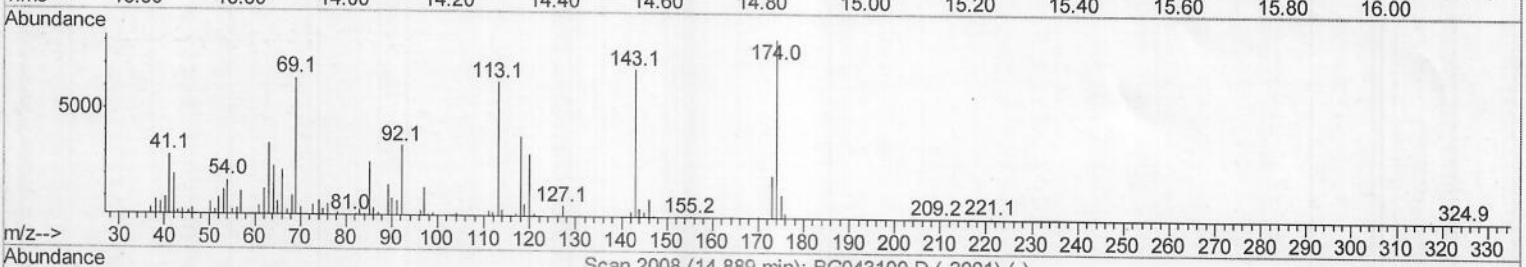
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

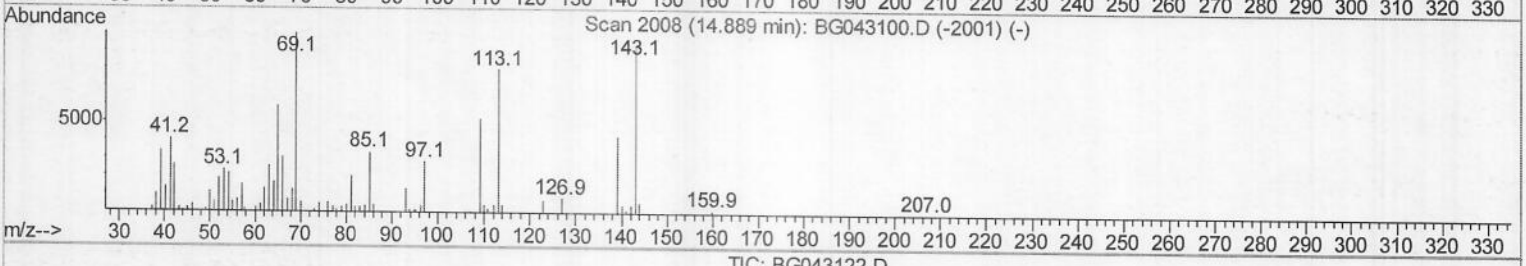
Quant Time: Oct 10 05:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BEP90

Manual Integrations APPROVED
mohammad
10/12/2019 7:32:02 AM







TIC: BG043122.D

(51) 4-Nitrophenol-d4 (S)

14.894min (+0.005) 16.00ng/ul m > JU 10/11/19

response 30145

Ion	Exp%	Act%
143.00	100	100
113.00	84.80	90.98
41.00	42.80	41.92
42.00	28.10	28.86

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 10 05:19:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BEP90

Manual Integrations APPROVED
mohammad
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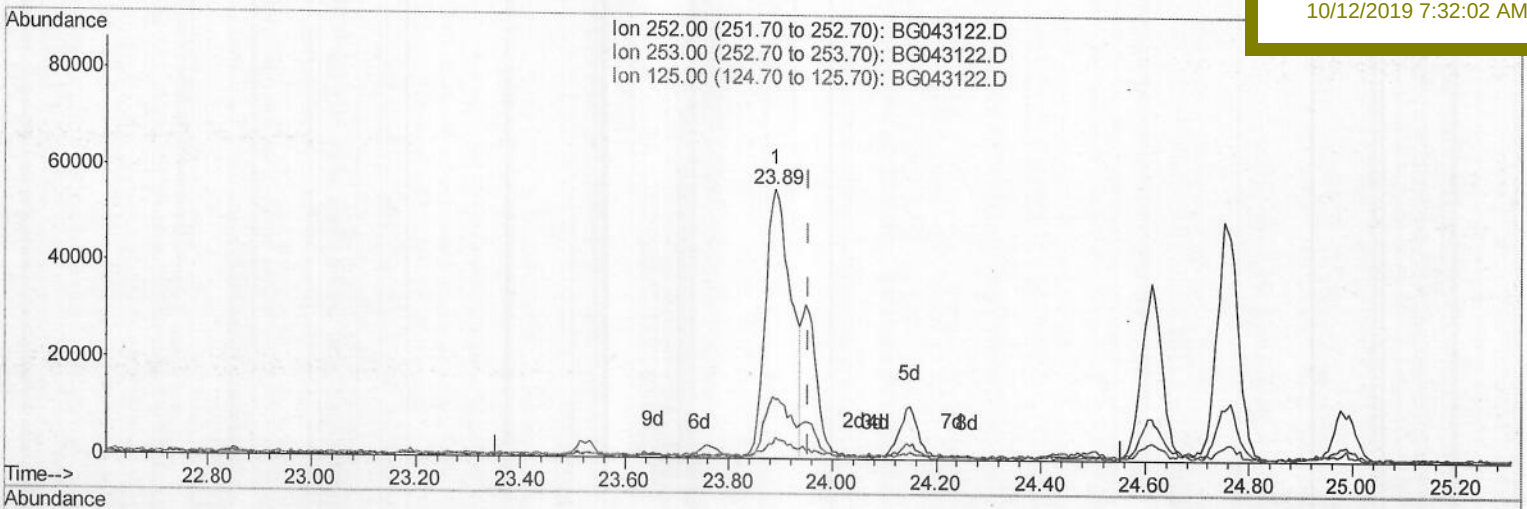

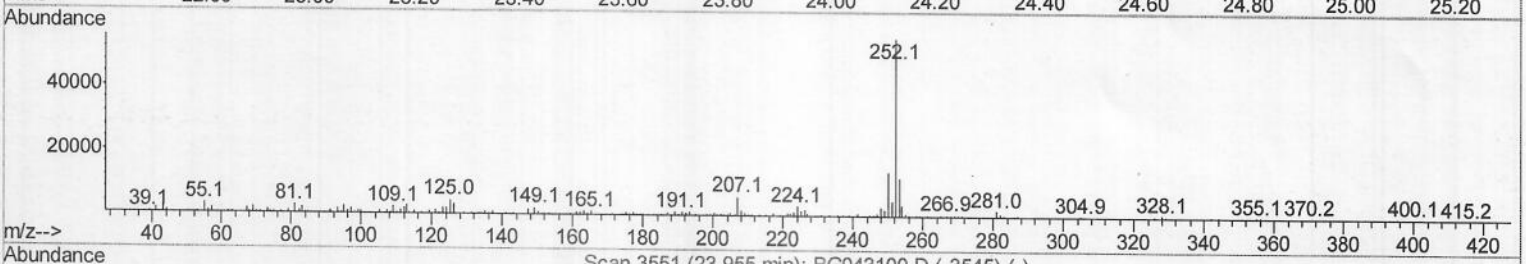

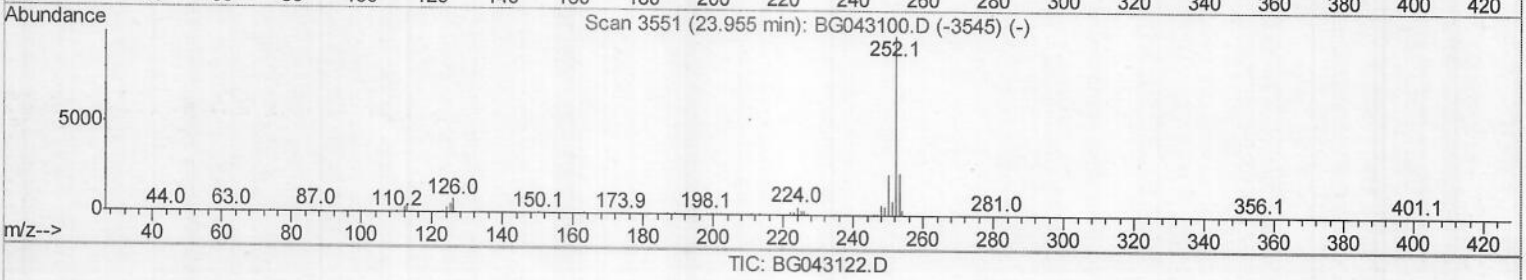

TIC: BG043122.D

(88) Benzo(k)fluoranthene

23.890min (-0.065) 6.15ng/ul

response 189809

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	21.71
125.00	5.50	7.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 10 05:19:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
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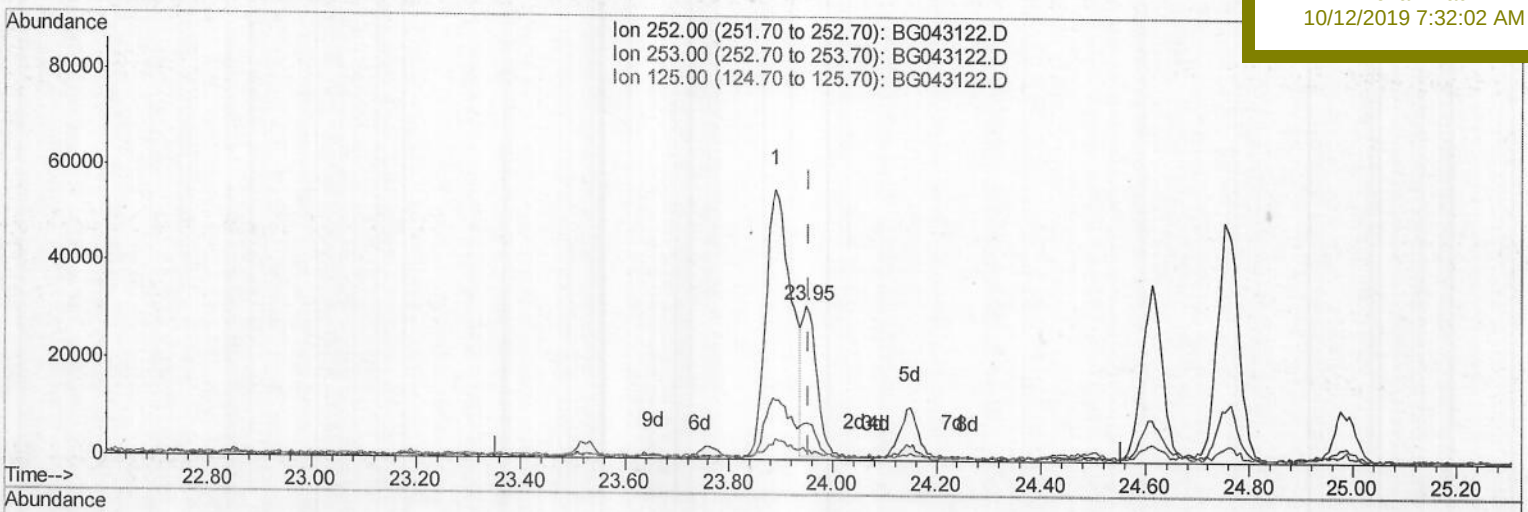
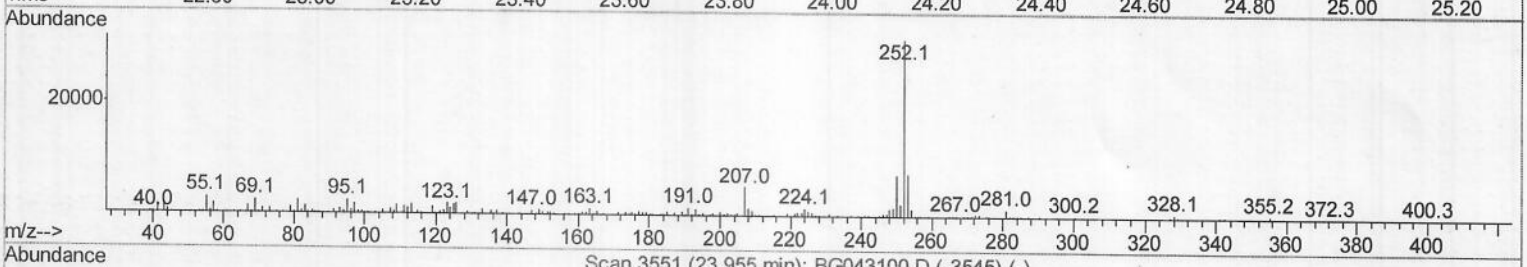
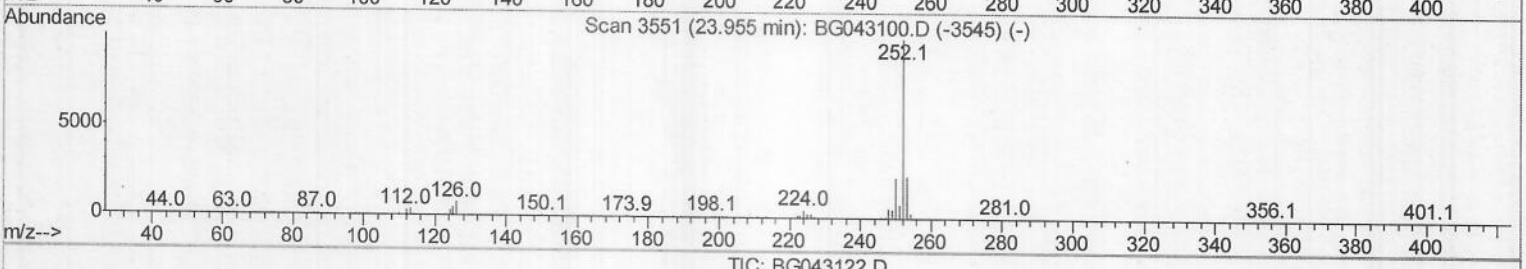
Instrument :
BNA_G
ClientSampleId :
BEP90

Manual Integrations APPROVED
mohammad
10/12/2019 7:32:02 AM







TIC: BG043122.D

(88) Benzo(k)fluoranthene

23.948min (-0.006) 1.96ng/ul m JU 10/11/19

response 60484

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	24.24
125.00	5.50	5.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 10 05:19:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
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Instrument :
BNA_G
ClientSampleId :
BEP90

Manual Integrations APPROVED
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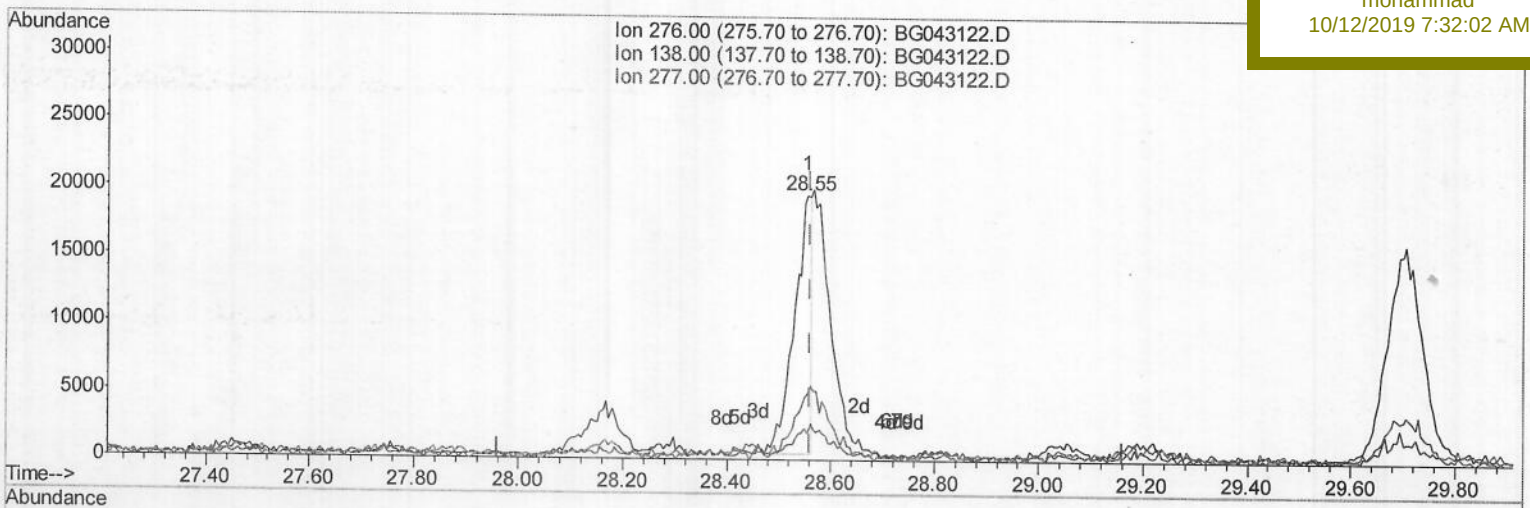

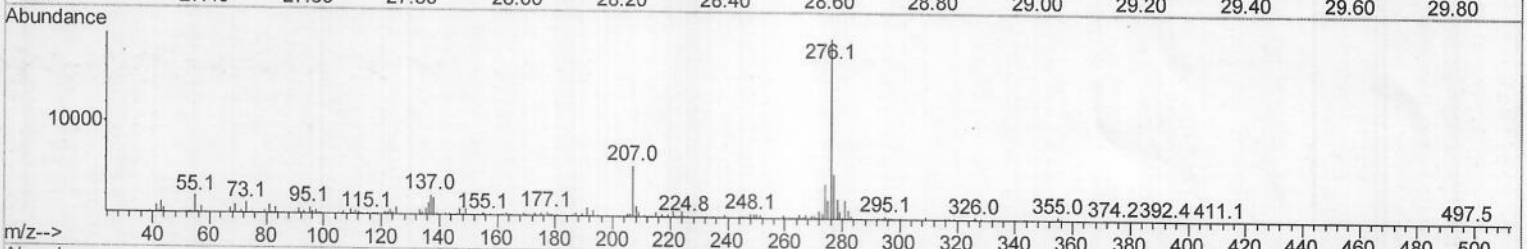

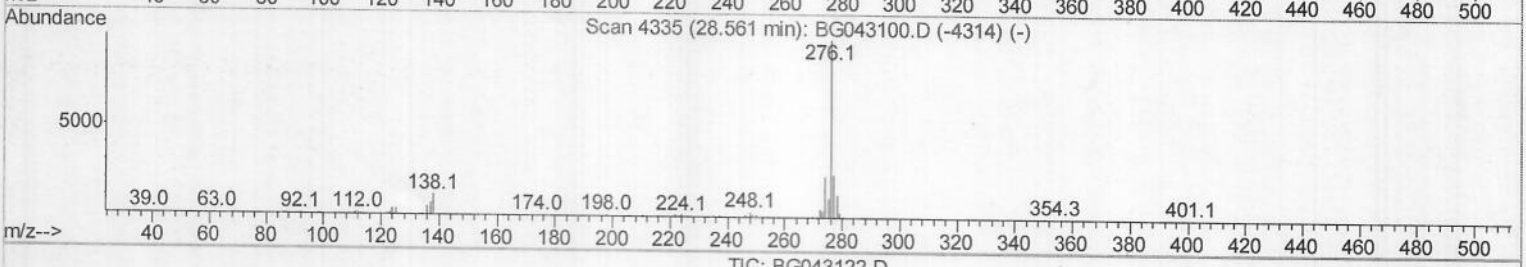

TIC: BG043122.D

(91) Indeno(1,2,3-cd)pyrene

28.555min (-0.006) 1.20ng/ul

response 43915

Ion	Exp%	Act%
276.00	100	100
138.00	11.50	10.28
277.00	23.80	25.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
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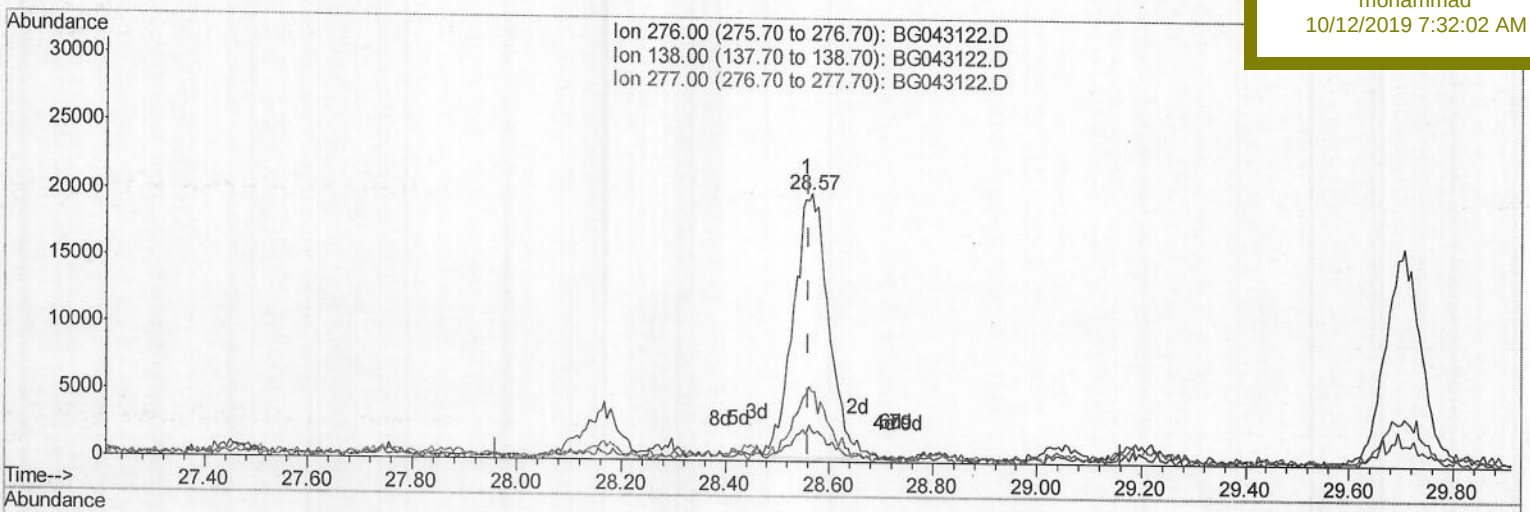
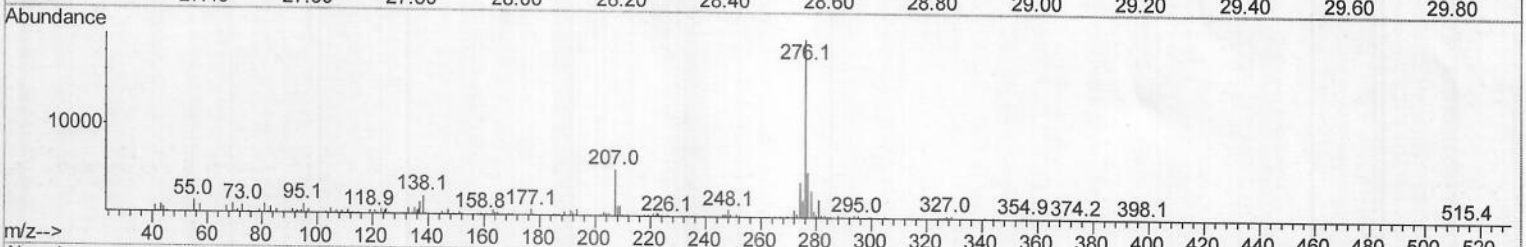
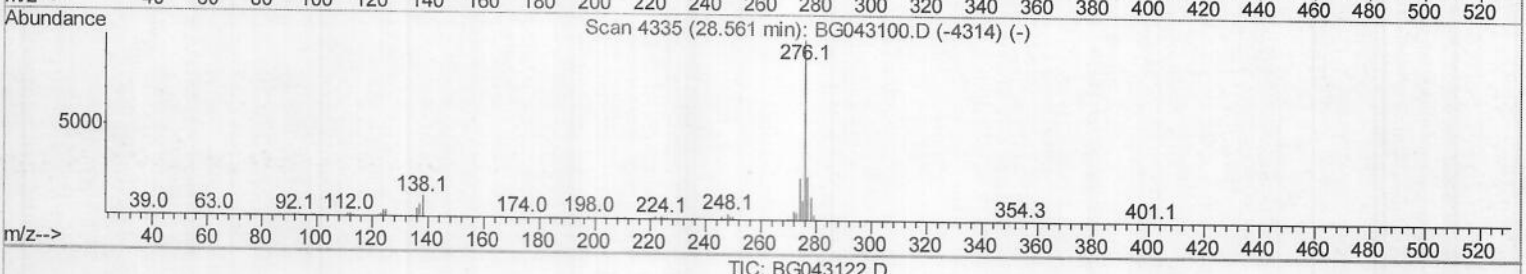
Manual Integrations APPROVED
mohammad
10/12/2019 7:32:02 AM







TIC: BG043122.D

(91) Indeno(1,2,3-cd)pyrene

28.566min (+0.005) 2.55ng/ul m

response 93409

Ion	Exp%	Act%
276.00	100	100
138.00	11.50	11.20
277.00	23.80	25.96
0.00	0.00	0.00

JU 10/11/19

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
mohammad
10/12/2019 7:32:02 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	236560	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	176704	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	422978	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	442749	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	530490	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	4590	3.82	ng/uL	0.00
5) Phenol-d5	7.23	99	90138	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	59618	24.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	80332	23.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	58712	15.85	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	43878	26.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	49022	25.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	84790	21.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	83300m	20.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	366892	25.82	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	399707	25.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	30145m	16.00	ng/ul	0.00
57) Fluorene-d10	15.67	176	334742	27.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	53670	19.78	ng/ul	0.00
70) Anthracene-d10	17.52	188	532886	26.67	ng/ul	0.00
78) Pyrene-d10	19.81	212	631986	28.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	730024	27.85	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.25	94	12647	2.884	ng/ul	91
44) Dimethylphthalate	14.12	163	122249	8.909	ng/ul	98
69) Phenanthrene	17.46	178	81303	3.724	ng/ul	99
76) Fluoranthene	19.47	202	226012	8.114	ng/ul#	98
79) Pyrene	19.83	202	228733	8.400	ng/ul	100
82) Benzo(a)anthracene	21.67	228	139051	4.694	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.57	149	31816	2.164	ng/ul	98
84) Chrysene	21.73	228	148450	5.325	ng/ul	100
87) Benzo(b)fluoranthene	23.89	252	189809	6.012	ng/ul#	97
88) Benzo(k)fluoranthene	23.95	252	60484m	1.960	ng/ul	
90) Benzo(a)pyrene	24.75	252	139757	4.625	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	28.57	276	93409m	2.550	ng/ul	
93) Benzo(g,h,i)perylene	29.71	276	76281	2.457	ng/ul#	95

JU 10/11/19

JU 10/11/19

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