Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\

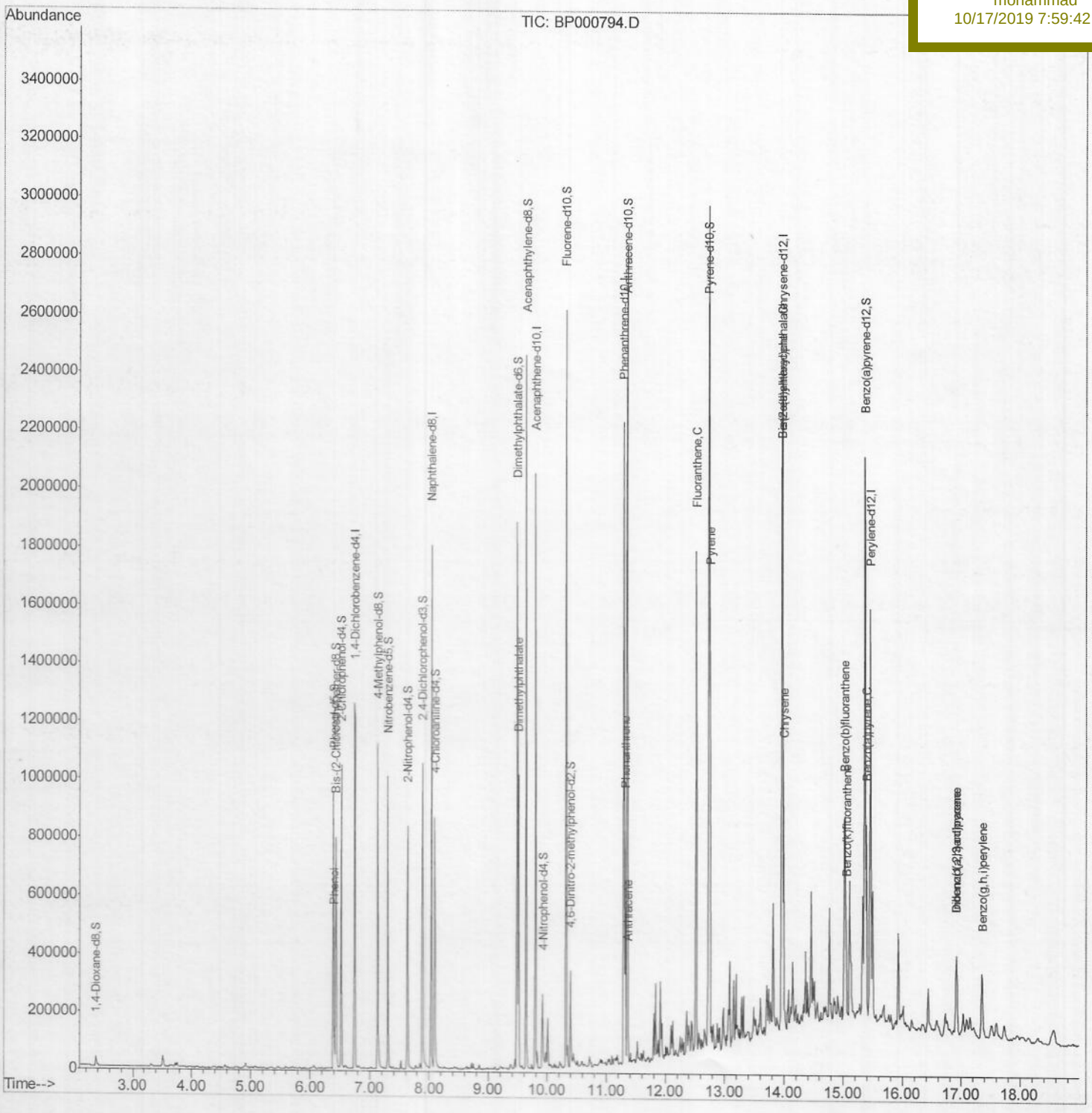
Quantitation Report (QT Reviewed)

Data File : BP000794.D
Acq On : 16 Oct 2019 02:38
Operator : JU
Sample : K5178-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Oct 16 07:25:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BEPJ3

Manual Integrations APPROVED
mohammad
10/17/2019 7:59:42 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\

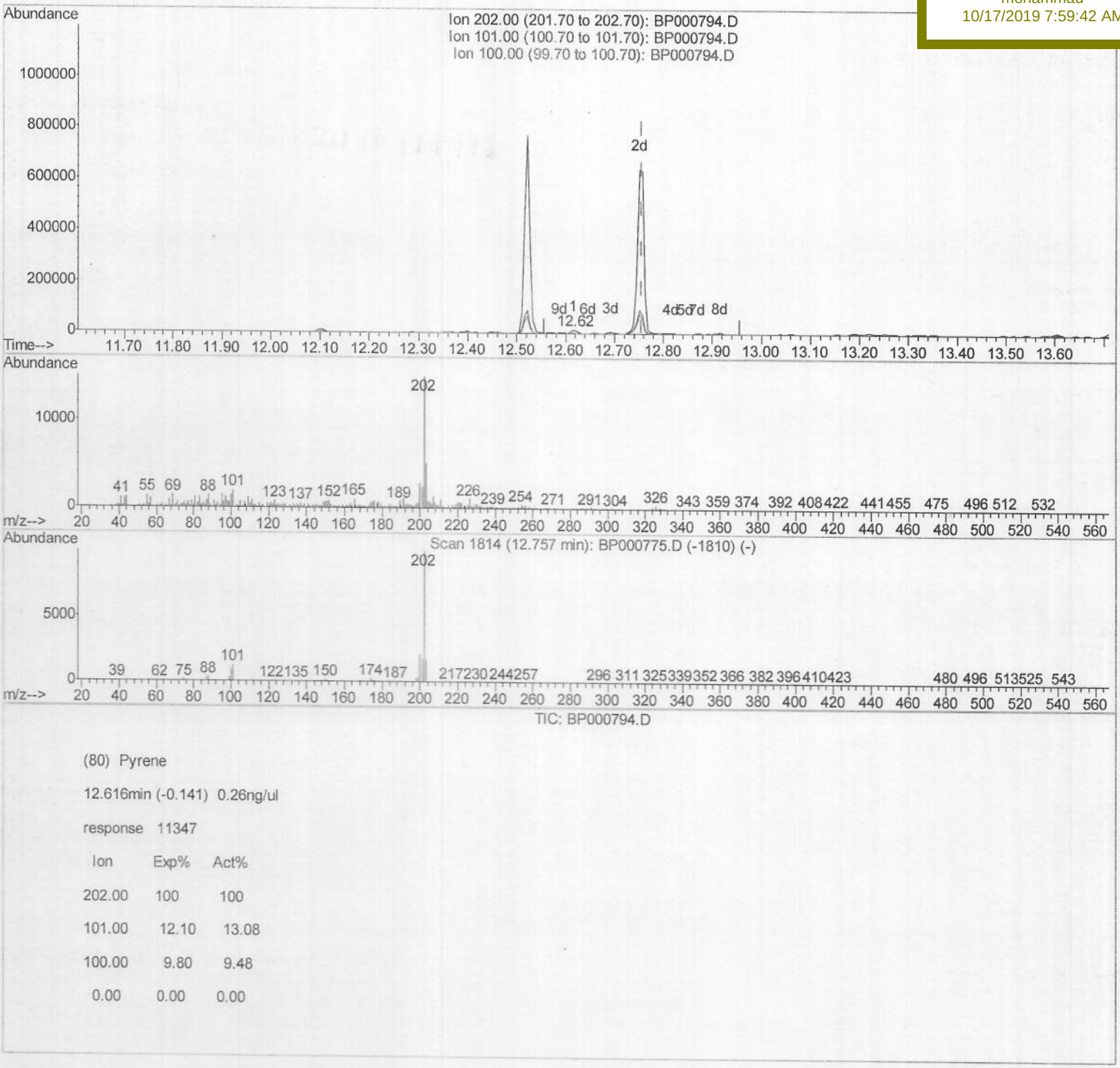
Quantitation Report (Qedit)

Data File : BP000794.D
Acq On : 16 Oct 2019 02:38
Operator : JU
Sample : K5178-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Oct 16 05:19:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BEPJ3

Manual Integrations APPROVED
mohammad
10/17/2019 7:59:42 AM



TIC: BP000794.D

(80) Pyrene

12.616min (-0.141) 0.26ng/ul

response 11347

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.08
100.00	9.80	9.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\

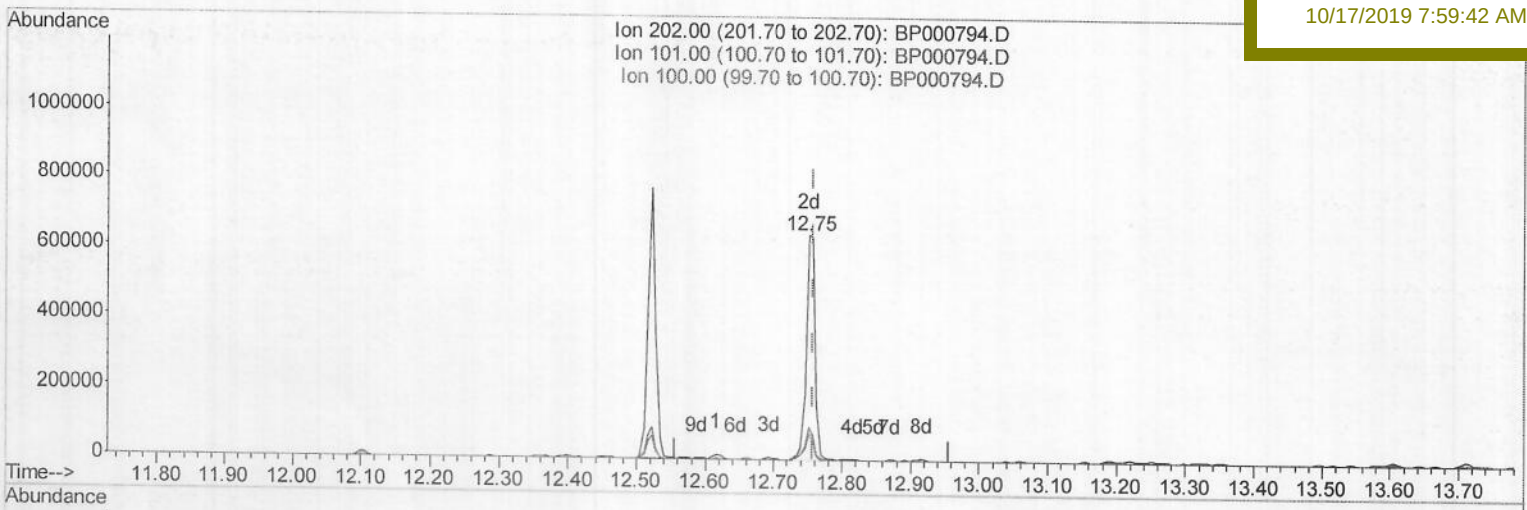
Quantitation Report (Qedit)

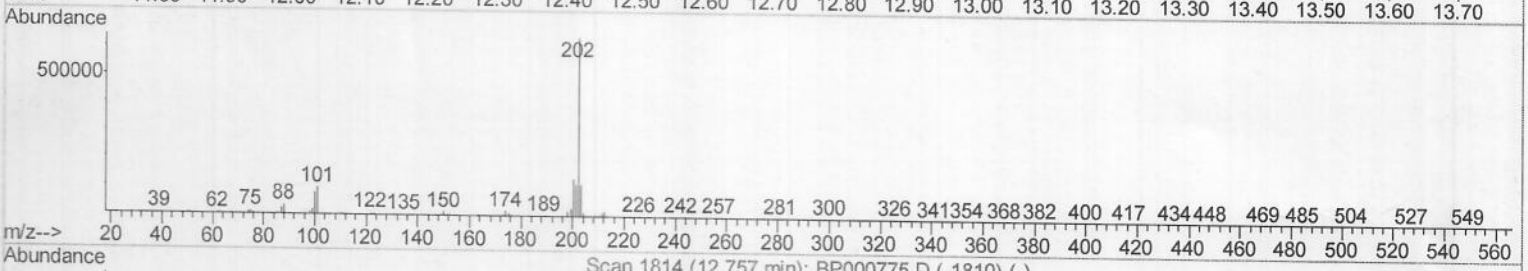
Data File : BP000794.D
Acq On : 16 Oct 2019 02:38
Operator : JU
Sample : K5i78-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

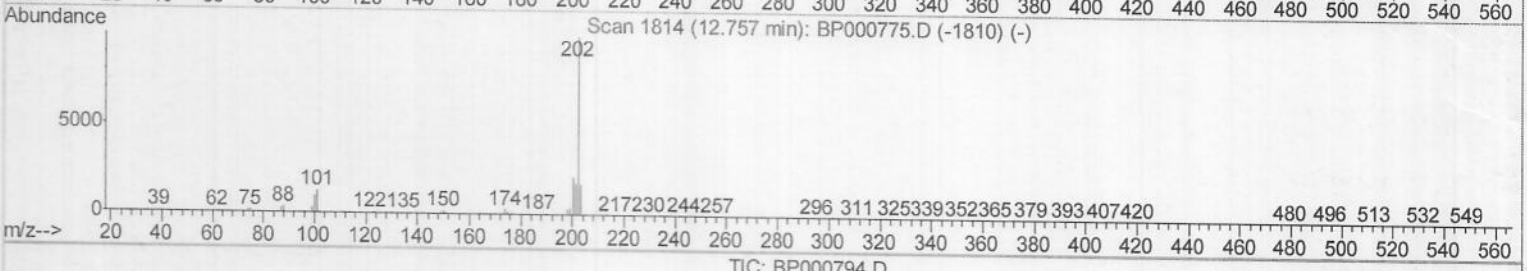
Quant Time: Oct 16 05:19:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BEPJ3

Manual Integrations APPROVED
mohammad
10/17/2019 7:59:42 AM







TIC: BP000794.D

(80) Pyrene

12.751min (-0.006) 13.67ng/ul m JU 10/19/19

response 597838

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.99#
100.00	9.80	12.21#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\

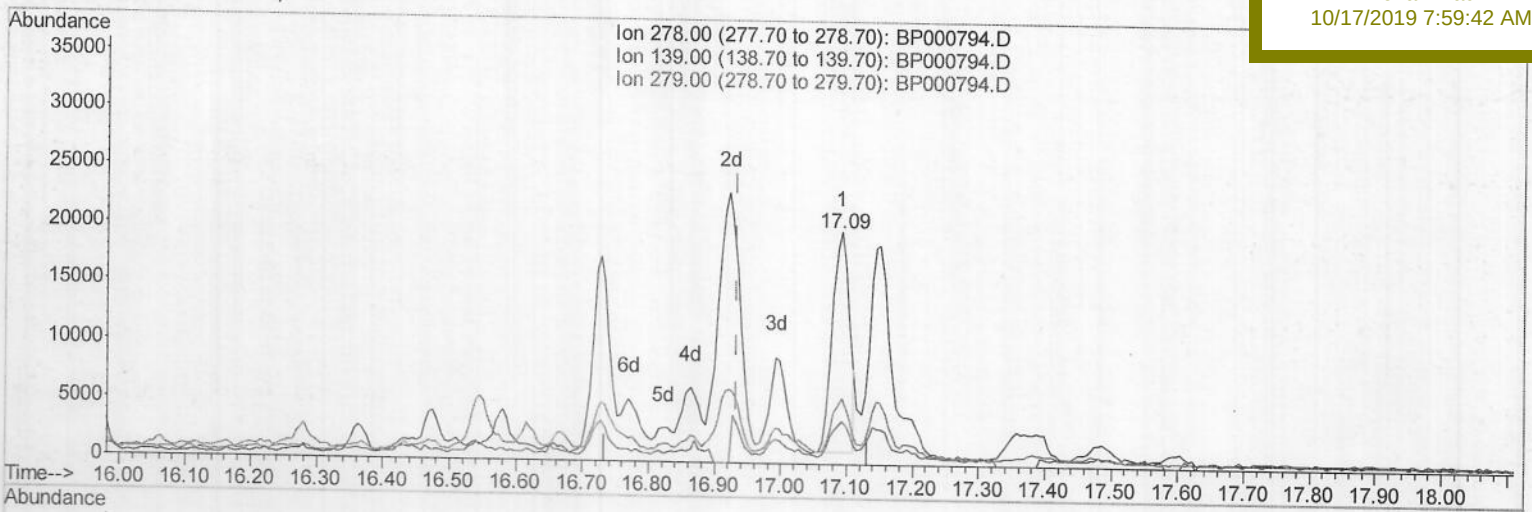
Quantitation Report (Qedit)

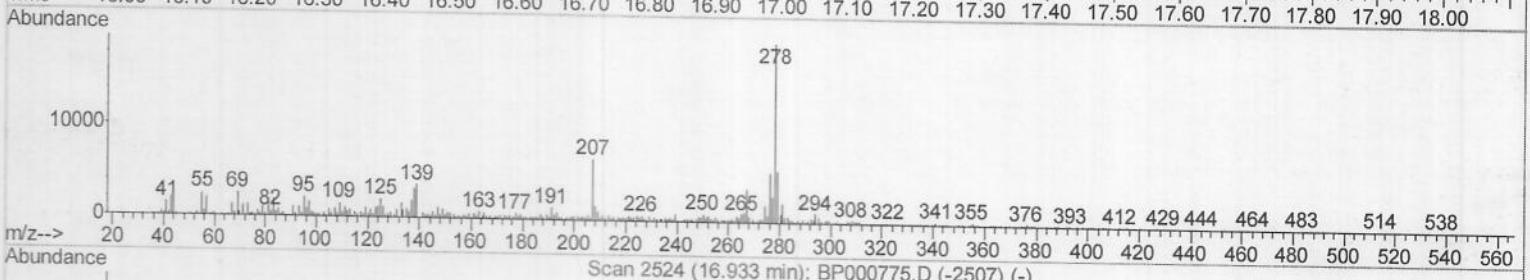
Data File : BP000794.D
Acq On : 16 Oct 2019 02:38
Operator : JU
Sample : K5178-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

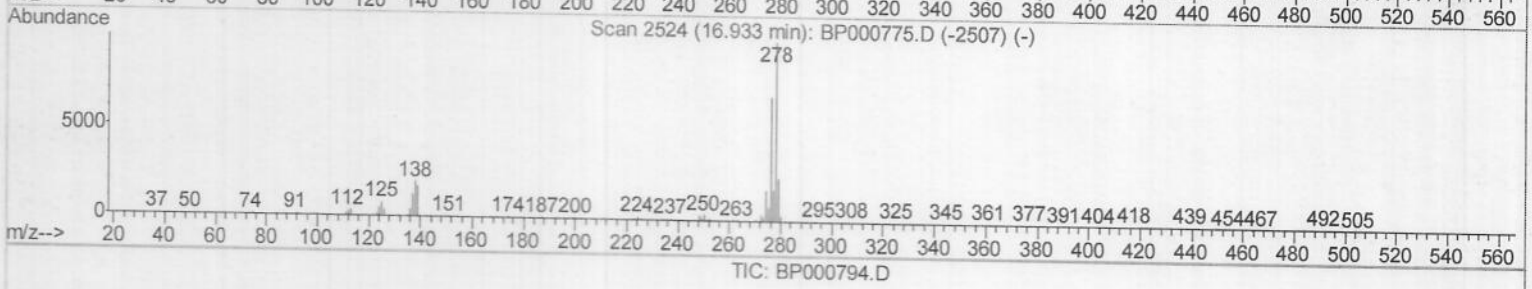
Quant Time: Oct 16 05:19:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BEPJ3

Manual Integrations APPROVED
mohammad
10/17/2019 7:59:42 AM







TIC: BP000794.D

(93) Dibenzo(a,h)anthracene

17.092min (+0.159) 0.95ng/ul

response 33861

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	18.49
279.00	24.00	28.50
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\

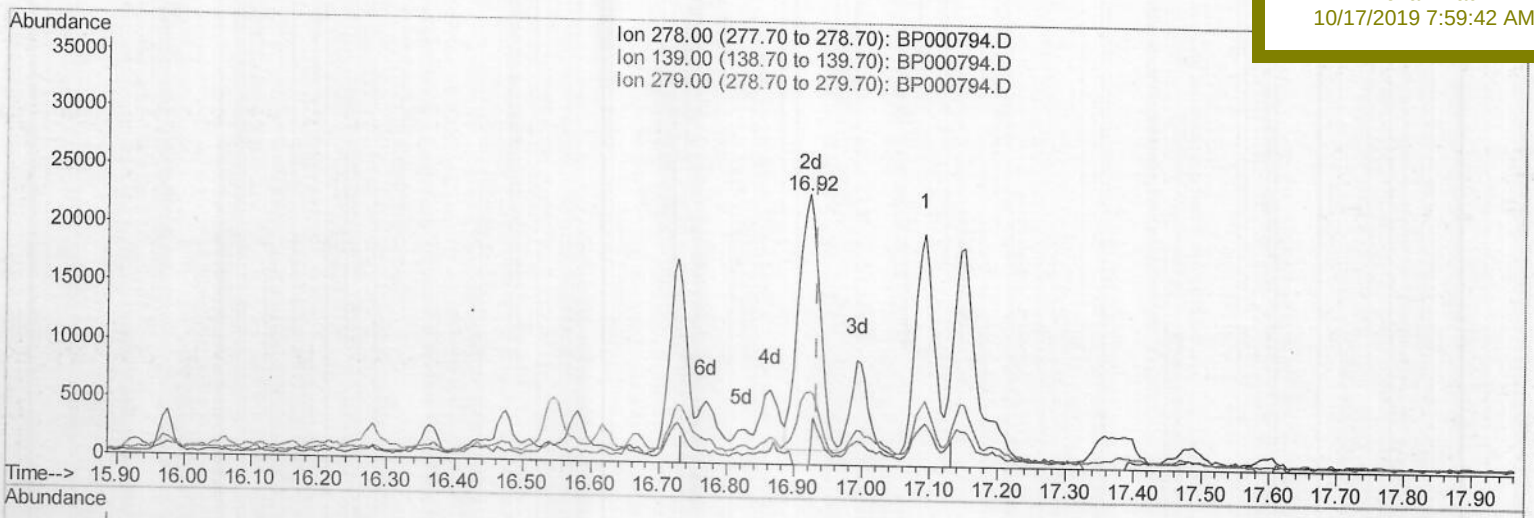
Quantitation Report (Qedit)

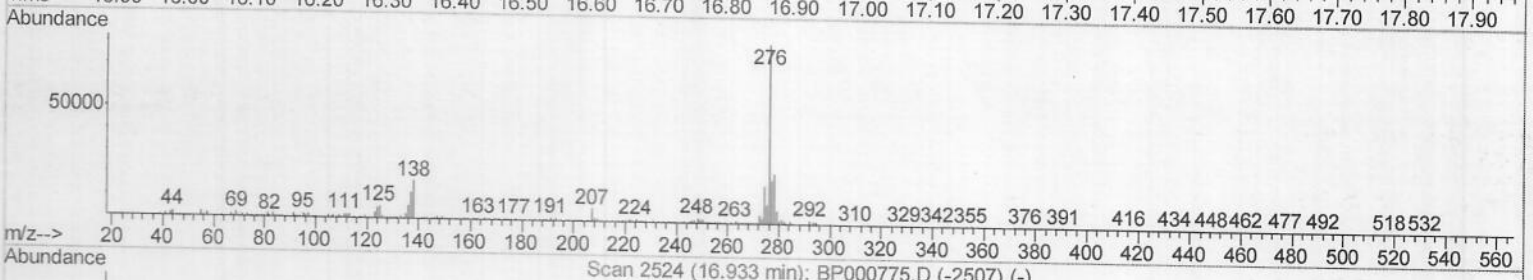
Data File : BP000794.D
Acq On : 16 Oct 2019 02:38
Operator : JU
Sample : K5178-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

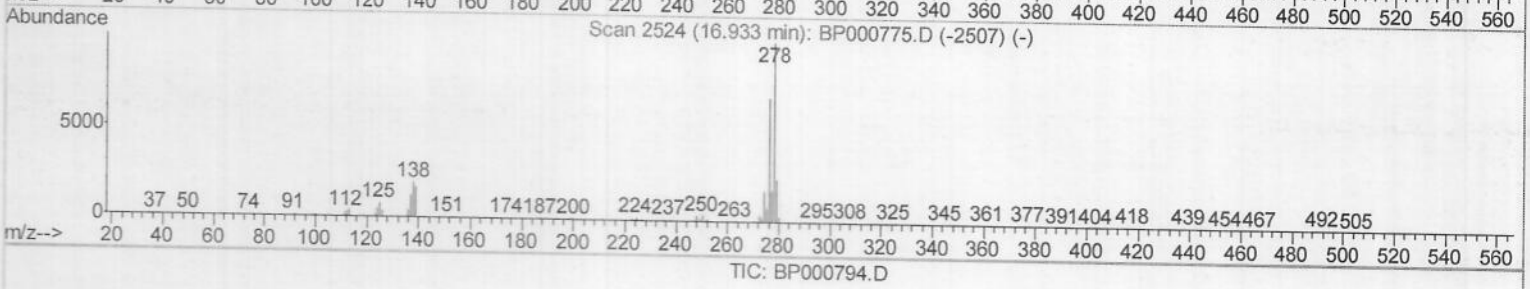
Quant Time: Oct 16 05:19:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BEPJ3

Manual Integrations APPROVED
mohammad
10/17/2019 7:59:42 AM







TIC: BP000794.D

(93) Dibenzo(a,h)anthracene

16.922min (-0.012) 1.35ng/ul m JU 10/19/19

response 48014

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	0.00#
279.00	24.00	27.40
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\

Quantitation Report (QT Reviewed)

Data File : BP000794.D
Acq On : 16 Oct 2019 02:38
Operator : JU
Sample : K5178-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Oct 16 07:25:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

Instrument : BNA_P
ClientSampleId : BEPJ3

Manual Integrations APPROVED
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10/17/2019 7:59:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	210228	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	777451	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	424976	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	761850	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	616457	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	670438	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.37	96	20762	4.10	ng/uL	0.01
5) Phenol-d5	6.39	99	345449	21.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	183083	22.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	302102	22.11	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	250381	20.21	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	142815	24.17	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	155638	24.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	274147	22.76	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	251916	18.81	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	762504	25.63	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	919281	25.12	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	67575	14.75	ng/ul	0.00
58) Fluorene-d10	10.32	176	639919	25.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	47529	13.10	ng/ul	0.00
71) Anthracene-d10	11.35	188	916477	25.97	ng/ul	0.00
79) Pyrene-d10	12.73	212	980269	28.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	928707	28.06	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.40	94	46113	2.821	ng/ul	97
45) Dimethylphthalate	9.51	163	360475	12.161	ng/ul	99
70) Phenanthrene	11.32	178	266208	6.411	ng/ul	99
72) Anthracene	11.37	178	54696	1.298	ng/ul	98
77) Fluoranthene	12.52	202	611181	14.366	ng/ul	99
80) Pyrene	12.75	202	597838m	13.669	ng/ul	99
83) Benzo(a)anthracene	13.96	228	317050	7.663	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	41446	1.744	ng/ul#	99
85) Chrysene	13.99	228	313209	8.145	ng/ul	97
88) Benzo(b)fluoranthene	15.02	252	413572	10.339	ng/ul	98
89) Benzo(k)fluoranthene	15.05	252	99022	2.599	ng/ul	98
91) Benzo(a)pyrene	15.39	252	279244	7.373	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.92	276	177074	4.079	ng/ul	97
93) Dibenzo(a,h)anthracene	16.92	278	48014m	1.349	ng/ul	97
94) Benzo(g,h,i)perylene	17.36	276	179288	4.960	ng/ul	99

JU 10/19/19

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