

(QT Reviewed)

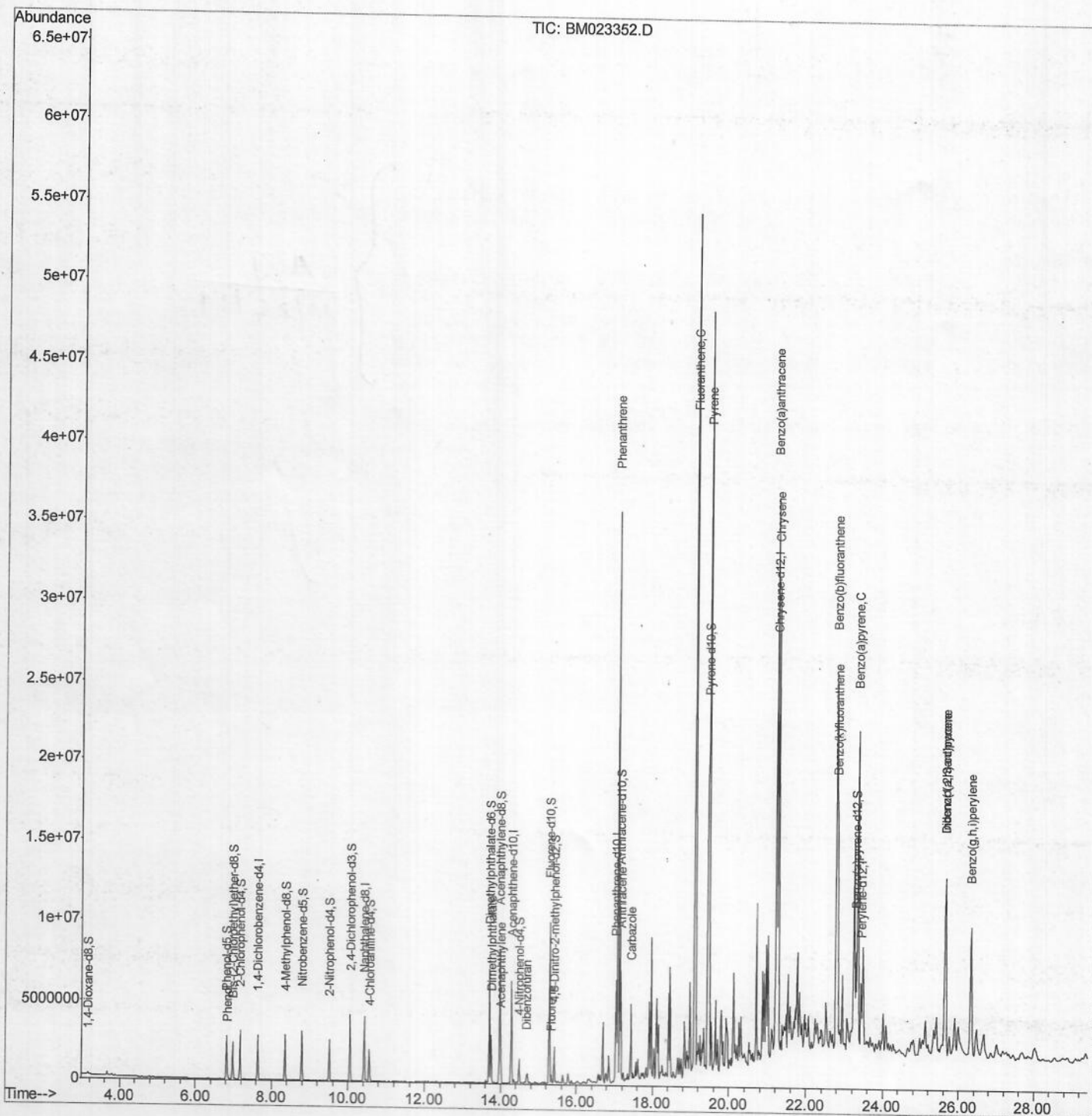
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0012

QLast Update : Wed Oct 23 18:47:16 2019

Manual Integrations APPROVED

mohammad
10/24/2019 5:02:51 PM



Quantitation Report (Qedit)

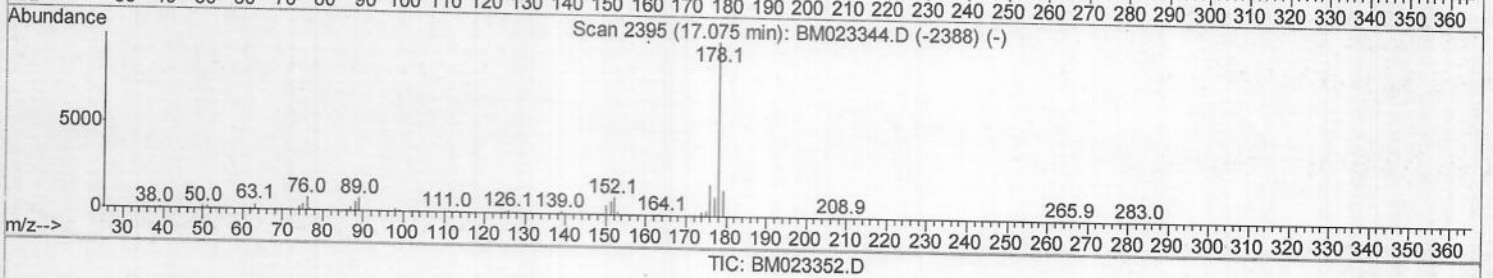
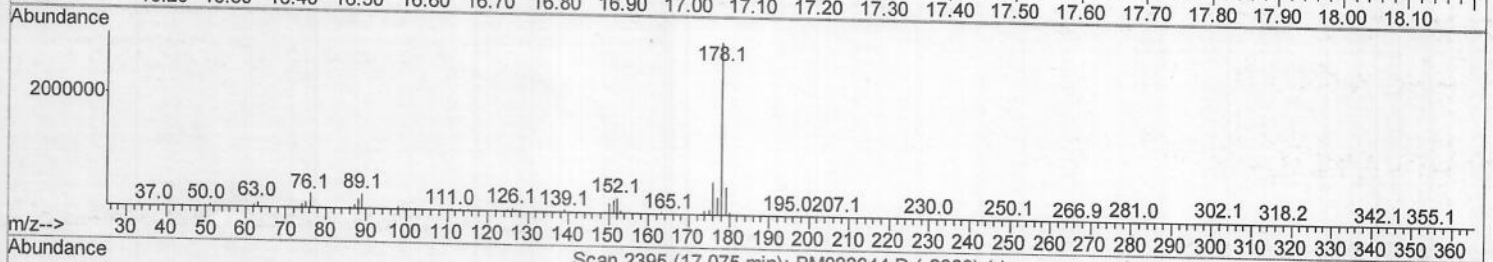
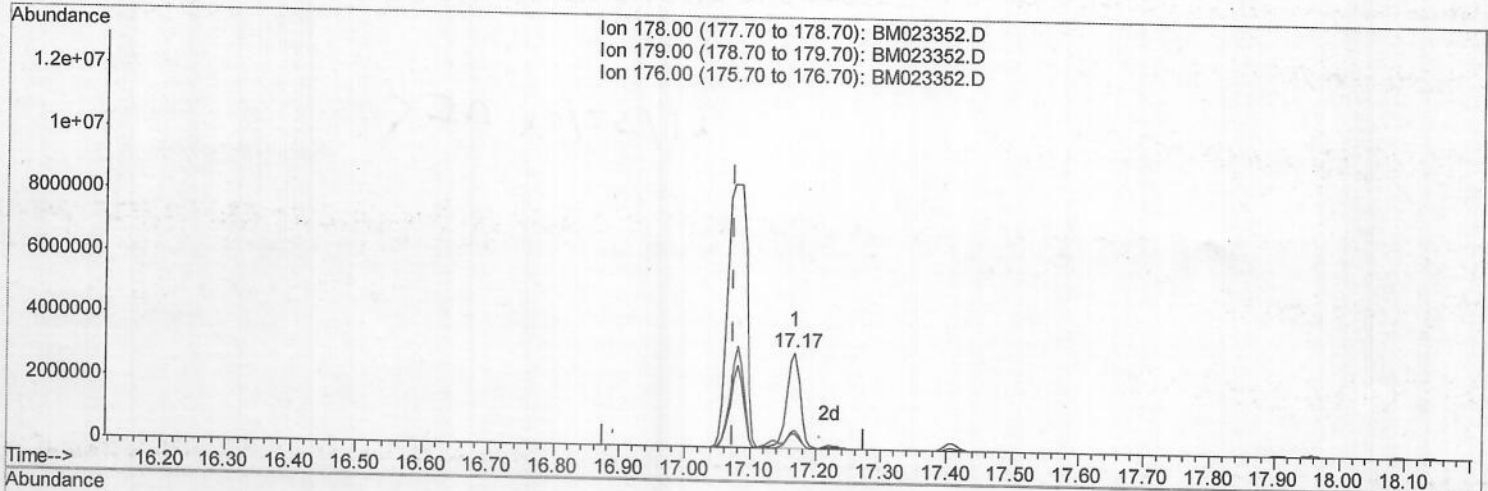
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023352.D
 Acq On : 23 Oct 2019 21:23
 Operator : JU
 Sample : K5378-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0012

Quant Time: Oct 24 02:58:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Manual Integrations
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(70) Phenanthrene

17.168min (+0.094) 19.60ng/ul

response 4196557

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.49
176.00	18.60	18.69
0.00	0.00	0.00

Quantitation Report (Qedit)

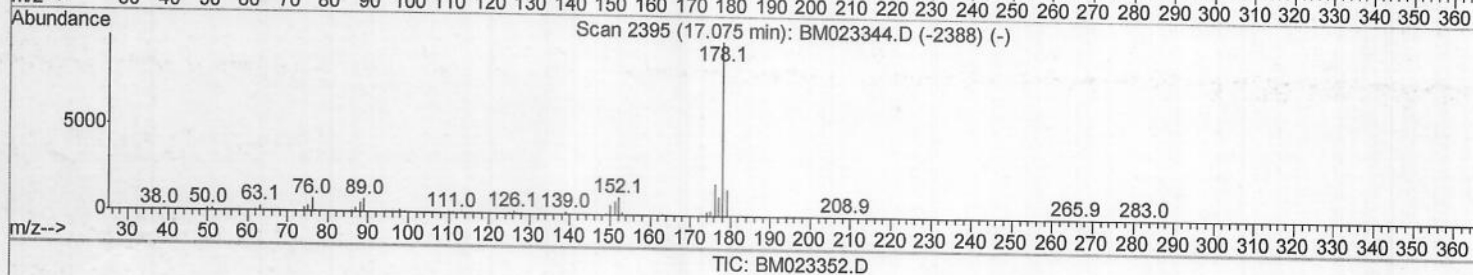
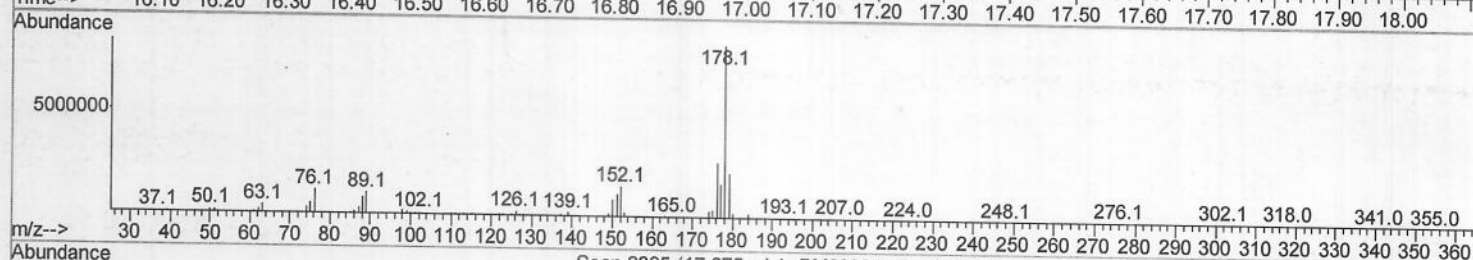
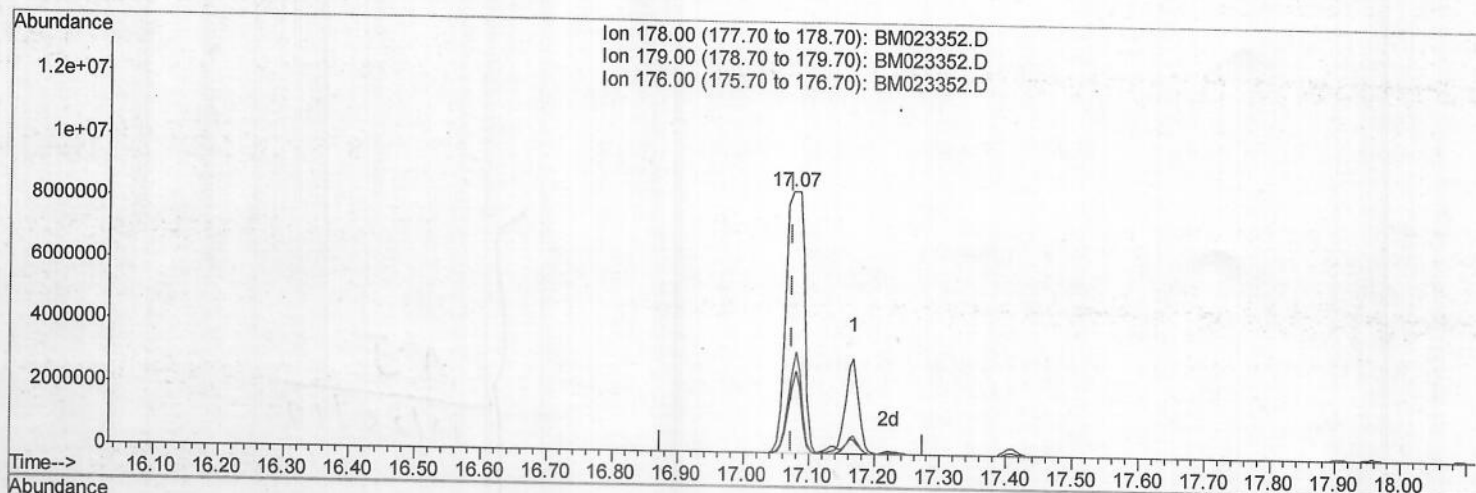
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023352.D
 Acq On : 23 Oct 2019 21:23
 Operator : JU
 Sample : K5378-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Oct 24 02:58:31 2019
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration



(70) Phenanthrene

17.074min (-0.000) 77.77ng/ul m

response 16650292

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	25.51#
176.00	18.60	31.23#
0.00	0.00	0.00

JU 10/25/19

Quantitation Report (Qedit)

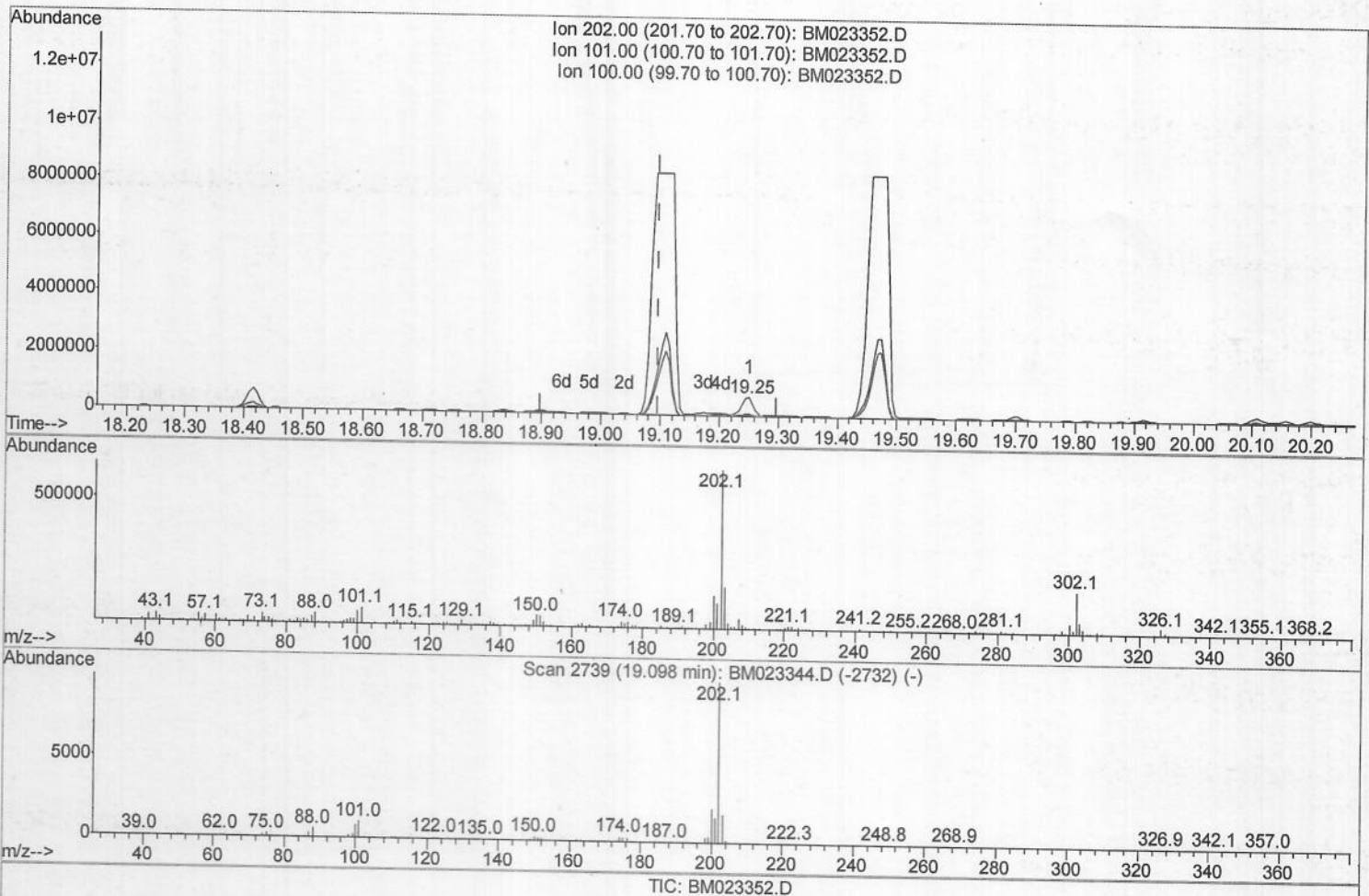
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023352.D
 Acq On : 23 Oct 2019 21:23
 Operator : JU
 Sample : K5378-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0012

Quant Time: Oct 24 02:58:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
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Manual Integrations
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(77) Fluoranthene (C)

19.251min (+0.153) 3.75ng/ul

response 838114

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	9.72
100.00	7.70	7.50
0.00	0.00	0.00

Quantitation Report (Qedit)

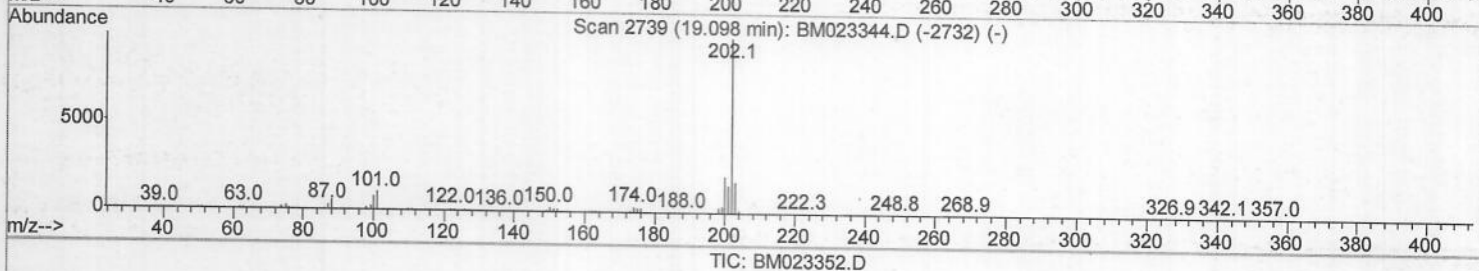
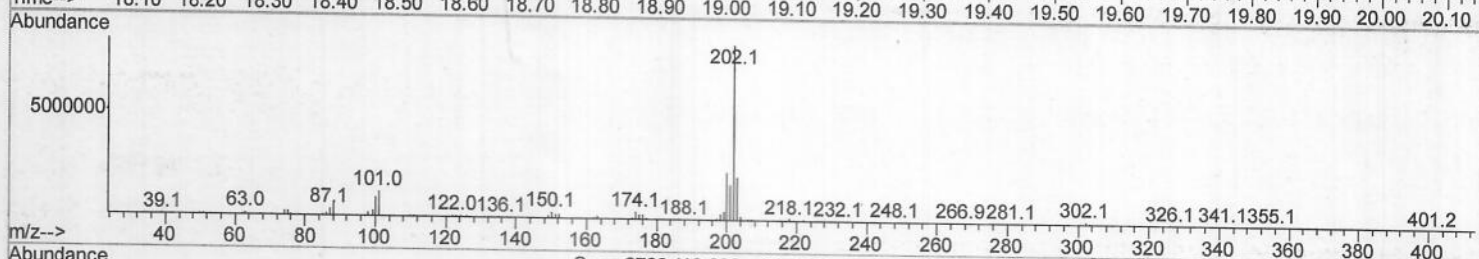
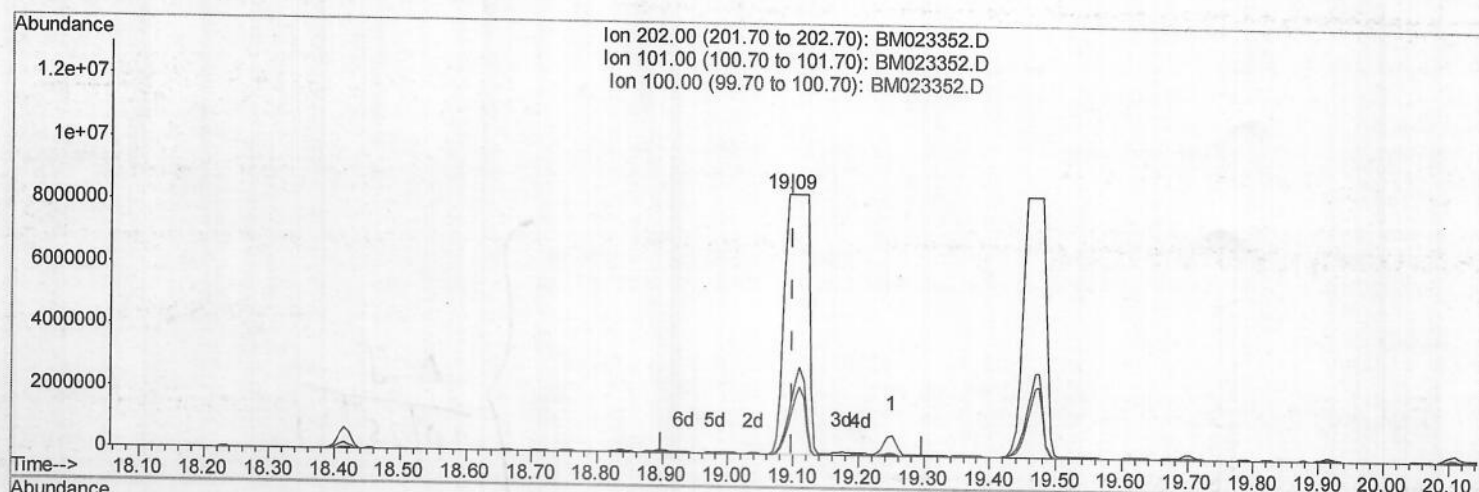
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023352.D
 Acq On : 23 Oct 2019 21:23
 Operator : JU
 Sample : K5378-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0012

Manual Integrations
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Quant Time: Oct 24 02:58:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration



(77) Fluoranthene (C)

19.092min (-0.006) 95.86ng/ul m

JU 10/25/19

response 21407471

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	14.57#
100.00	7.70	11.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

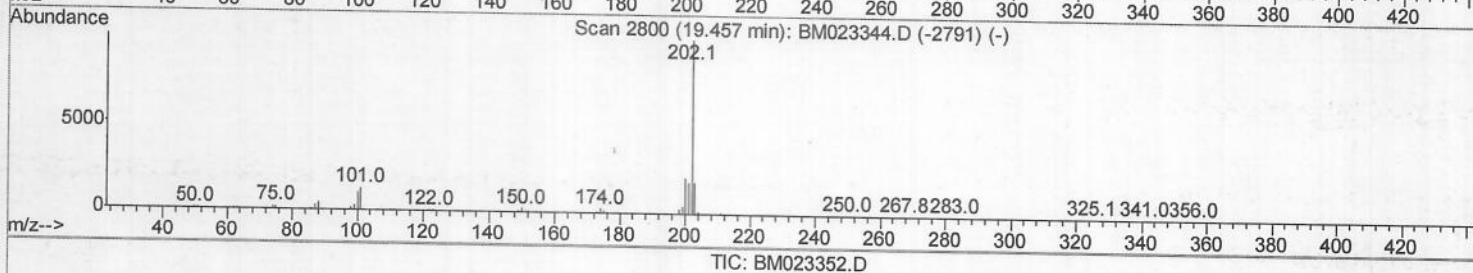
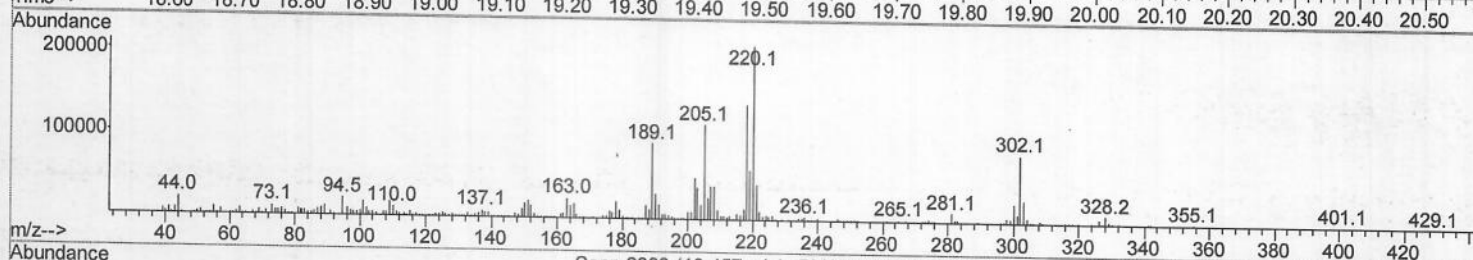
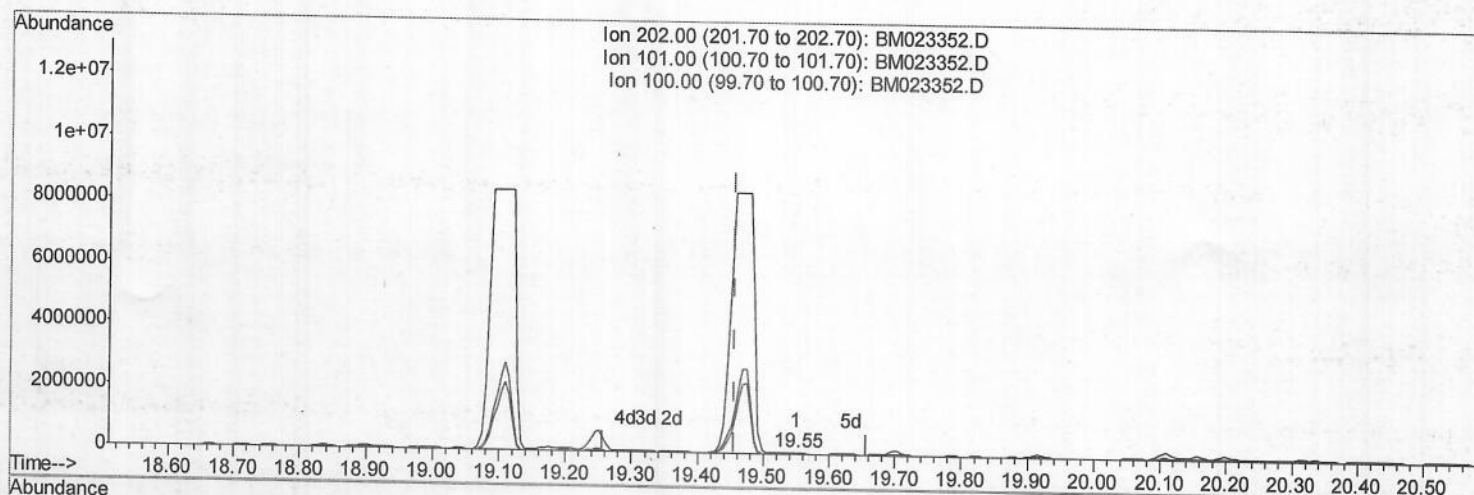
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023352.D
 Acq On : 23 Oct 2019 21:23
 Operator : JU
 Sample : K5378-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0012

Quant Time: Oct 24 02:58:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Manual Integrations
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(80) Pyrene

19.551min (+0.094) 0.49ng/ul

response 90513

Ion	Exp%	Act%
202.00	100	100
101.00	12.50	36.07#
100.00	10.40	10.65
0.00	0.00	0.00

Quantitation Report (Qedit)

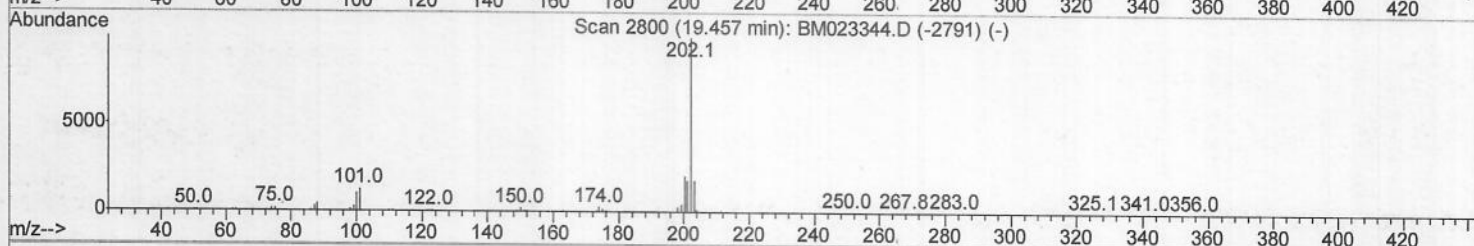
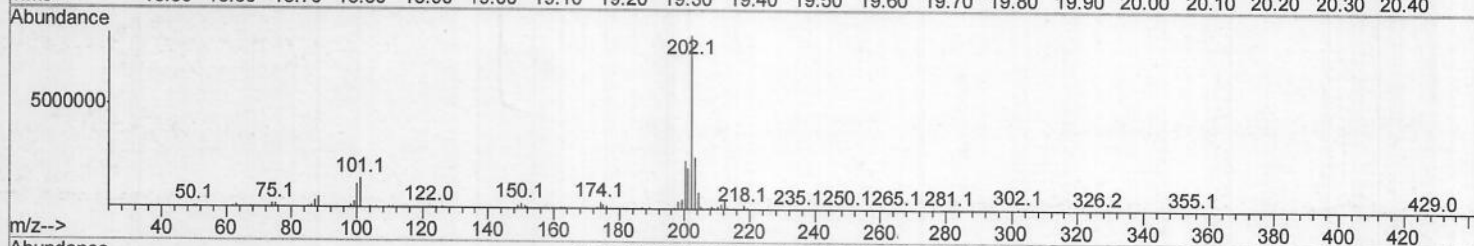
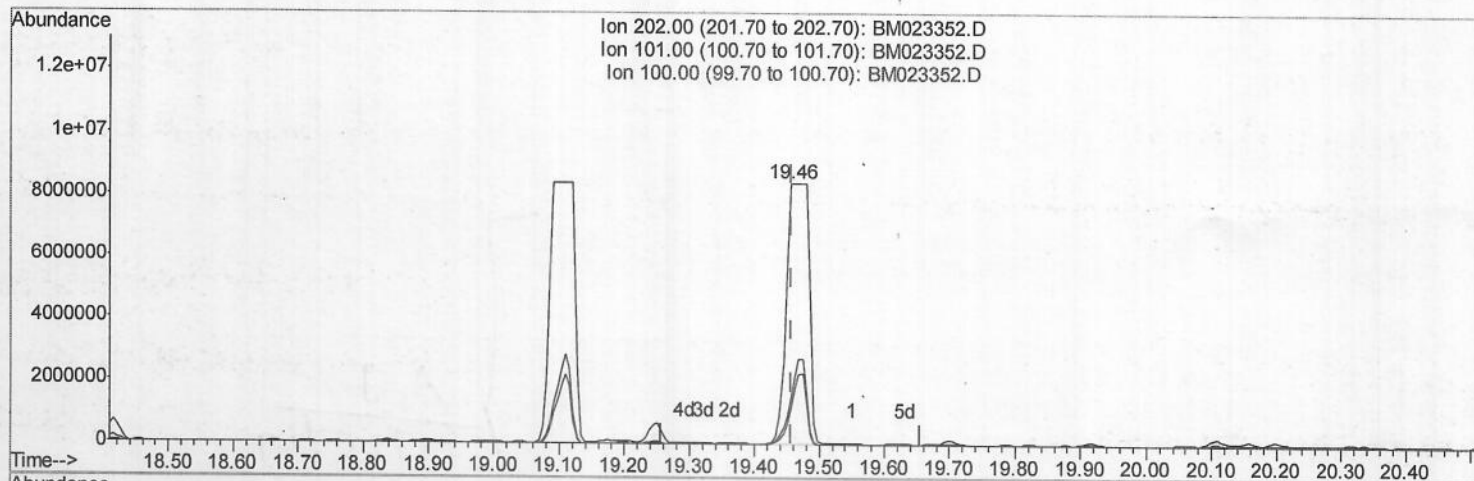
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023352.D
Acq On : 23 Oct 2019 21:23
Operator : JU
Sample : K5378-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0012

Manual Integrations
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Quant Time: Oct 24 02:58:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration



TIC: BM023352.D

(80) Pyrene

19.456min (-0.000) 109.45ng/ul m

JU 10/25/19

response 20119837

Ion	Exp%	Act%
202.00	100	100
101.00	12.50	17.16#
100.00	10.40	13.87#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023352.D
 Acq On : 23 Oct 2019 21:23
 Operator : JU
 Sample : K5378-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0012

Manual Integrations
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Quant Time: Oct 24 04:01:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	775759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	3391712	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	2104917	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3831193	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2603310	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2917577	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	69987	4.29	ng/uL	0.00
5) Phenol-d5	6.82	99	1556178	23.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	1053961	27.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	1374745	26.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	1081219	20.43	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	767823	30.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	861848	30.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1554067	27.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	1119847	17.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	4824241	30.18	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	5687864	31.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	367718	13.28	ng/ul	0.00
58) Fluorene-d10	15.28	176	4039702	29.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	525738	22.04	ng/ul	0.00
71) Anthracene-d10	17.13	188	5504862	30.40	ng/ul	0.00
79) Pyrene-d10	19.43	212	4919459	34.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	4602877	30.97	ng/ul	0.01
Target Compounds						
6) Phenol	6.84	94	173817	2.591	ng/ul	98
45) Dimethylphthalate	13.75	163	1869264	11.647	ng/ul	99
48) Acenaphthylene	14.00	152	1247398	6.572	ng/ul	99
54) Dibenzofuran	14.69	168	324871	1.699	ng/ul	100
59) Fluorene	15.34	166	231370	1.484	ng/ul	97
70) Phenanthrene	17.07	178	16650292m	77.767	ng/ul	
72) Anthracene	17.17	178	4199119	19.357	ng/ul	99
75) Carbazole	17.43	167	2843458	15.549	ng/ul	99
77) Fluoranthene	19.09	202	21407471m	95.857	ng/ul	
80) Pyrene	19.46	202	20119837m	109.447	ng/ul	
83) Benzo(a)anthracene	21.21	228	15114343	86.810	ng/ul#	90
85) Chrysene	21.27	228	14299477	89.011	ng/ul#	77
88) Benzo(b)fluoranthene	22.79	252	20377289	108.746	ng/ul	96
89) Benzo(k)fluoranthene	22.82	252	7437936	42.272	ng/ul	97
91) Benzo(a)pyrene	23.34	252	14454581	85.206	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.65	276	11132083	60.605	ng/ul	97
93) Dibenzo(a,h)anthracene	25.65	278	2858548	18.456	ng/ul#	85
94) Benzo(a,h,i)perylene	26.33	276	10150495	67.921	ng/ul	99

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