

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Quantitation Report (QT Reviewed)

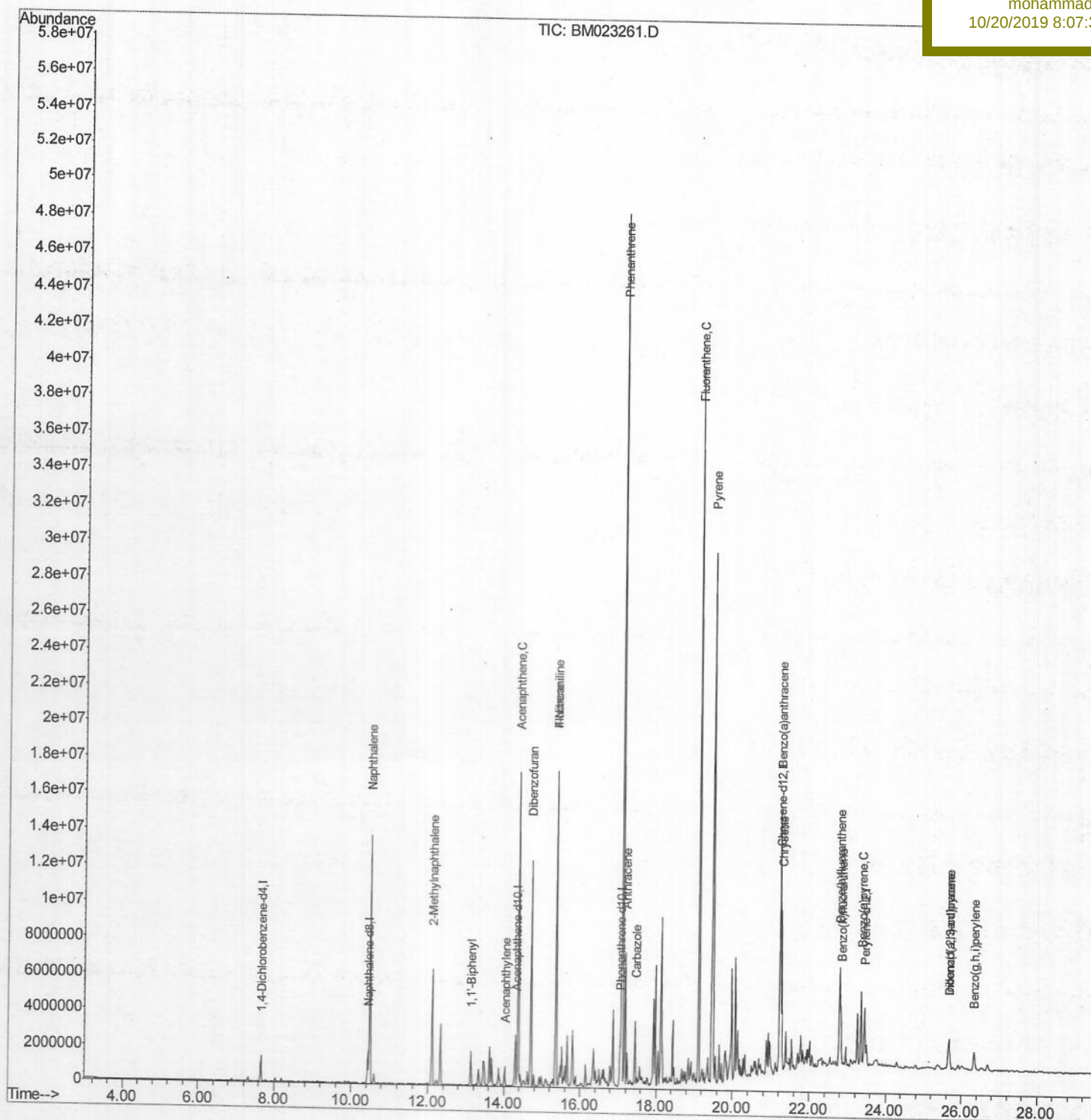
Data File : BM023261.D
Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 19 01:45:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
ETOJ8

Manual Integrations
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SOM-EPA-BM101419MA.M Sat Oct 19 01:43:27 2019

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Quantitation Report (Qedit)

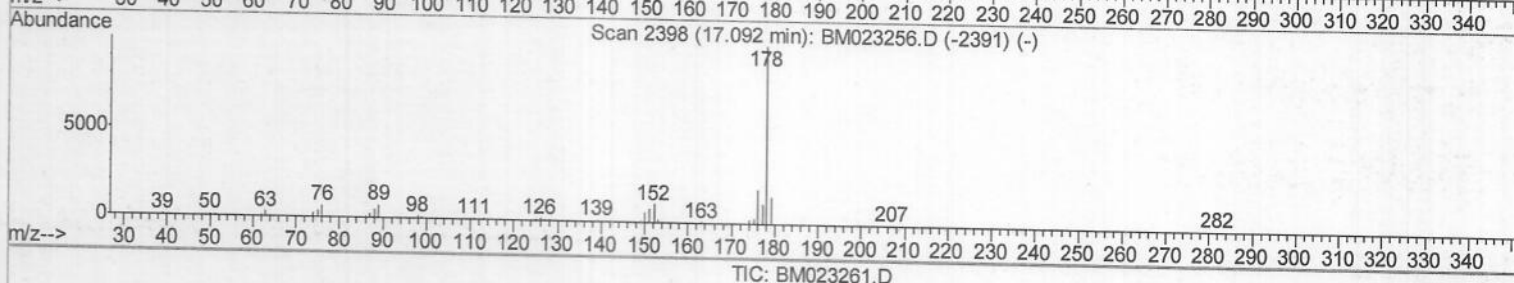
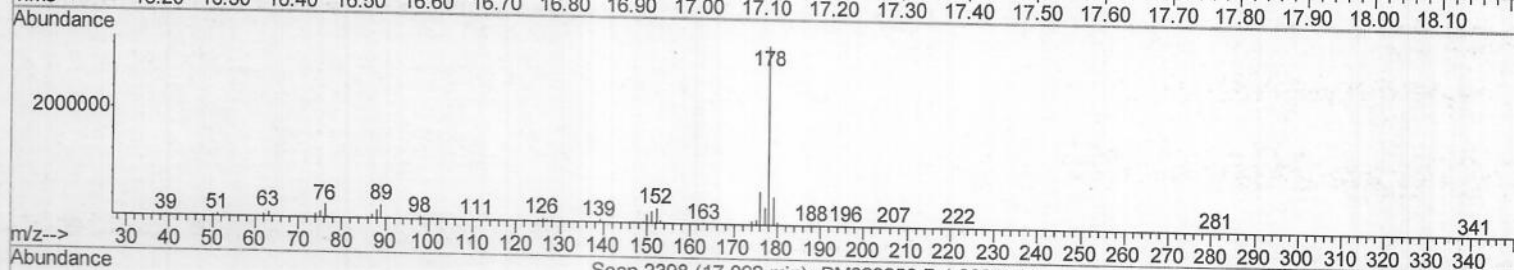
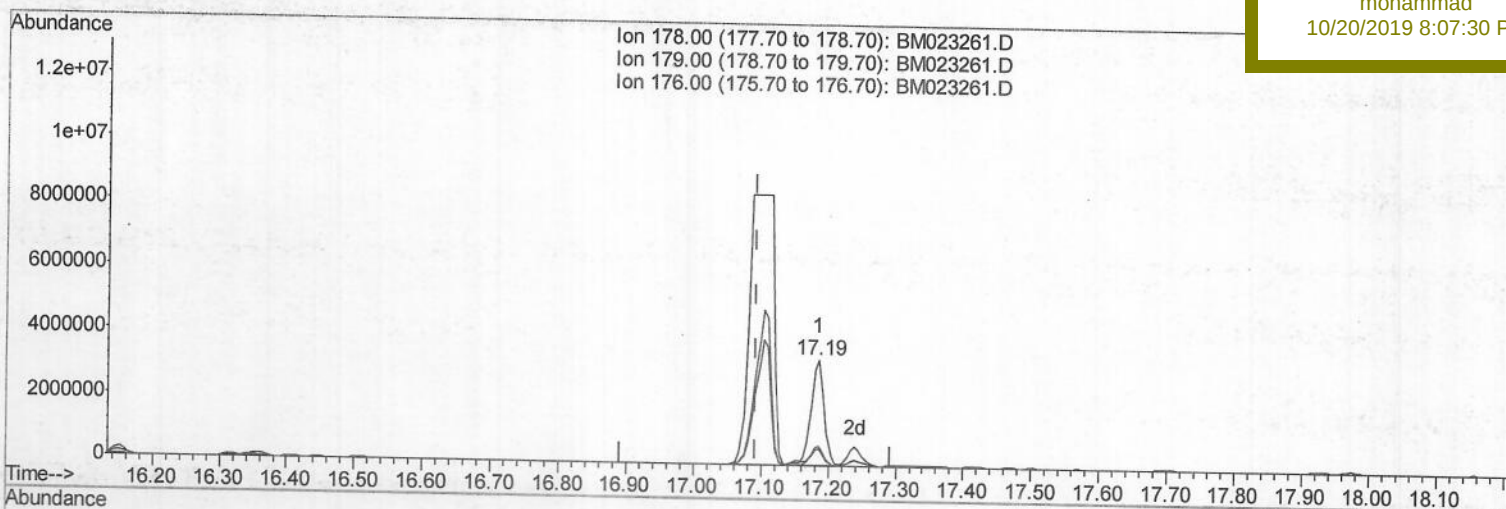
Data File : BM023261.D
Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 19 01:32:58 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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(70) Phenanthrene

17.186min (+0.094) 43.04ng/ul

response 4460617

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.53
176.00	19.40	18.25
0.00	0.00	0.00

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Quantitation Report (Qedit)

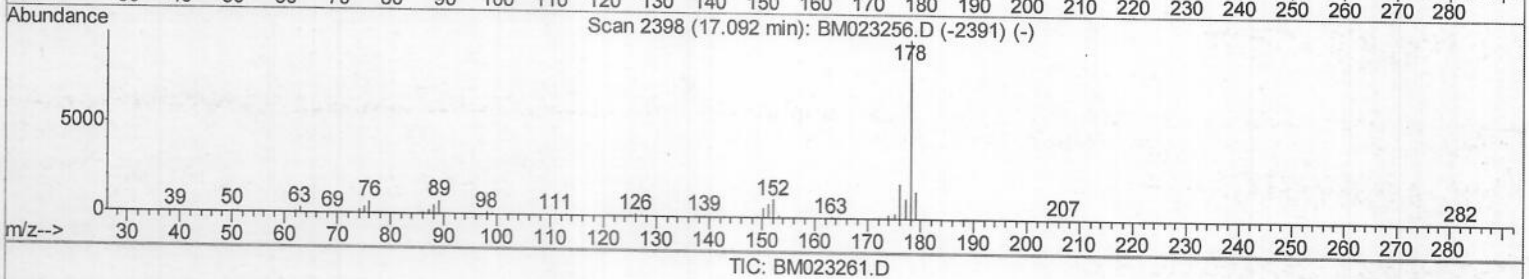
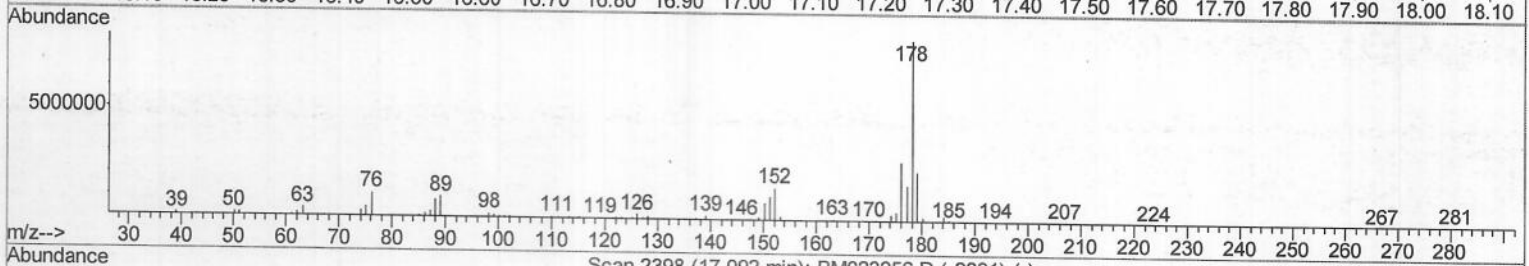
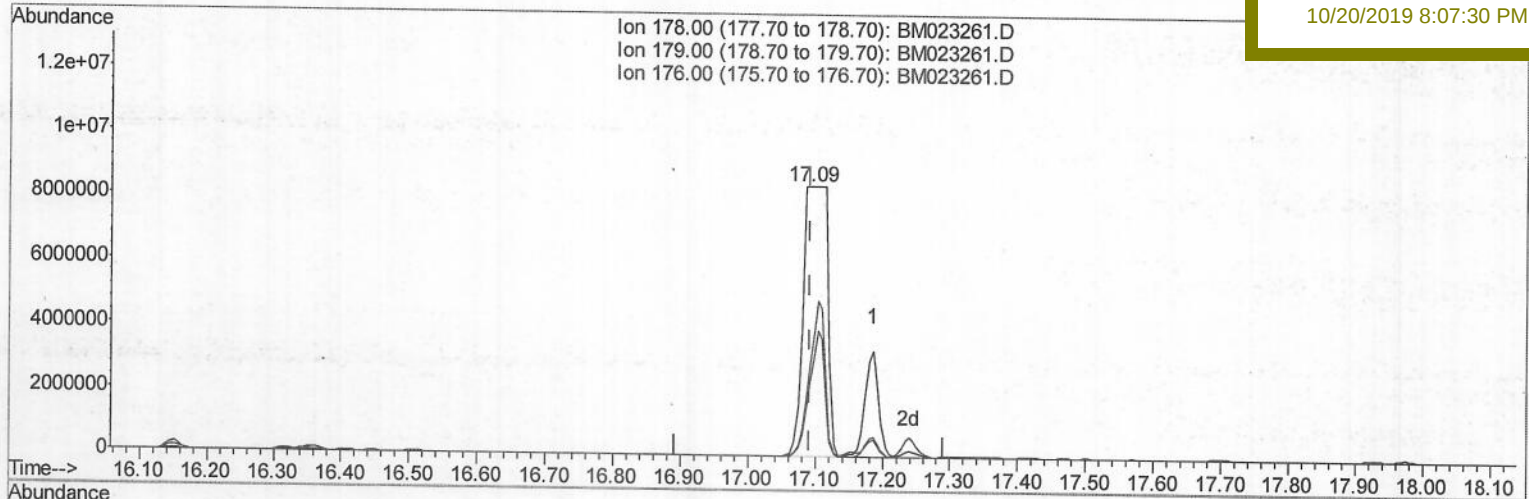
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ALS Vial : 40 Sample Multiplier: 1

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Manual Integrations
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(70) Phenanthrene

17.092min (+0.000) 204.28ng/ul m) JU 10/25/19

response 21169813

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	27.46#
176.00	19.40	32.88#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Quantitation Report (Qedit)

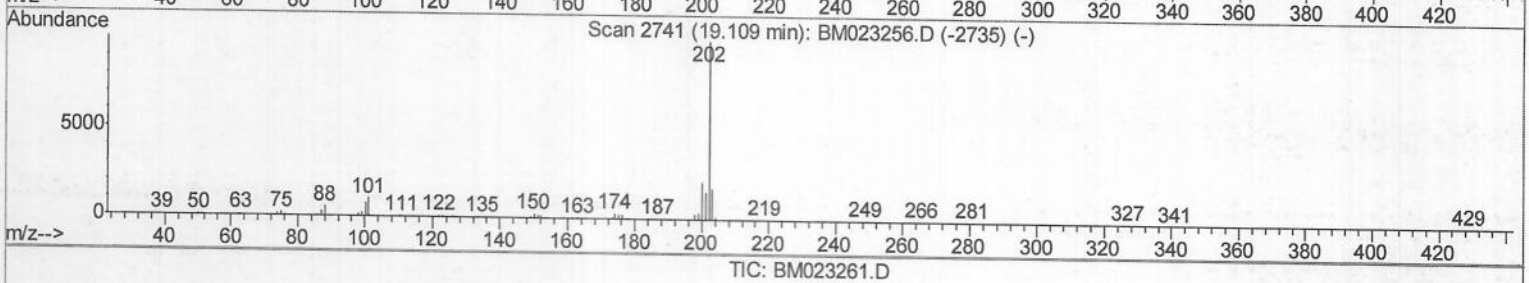
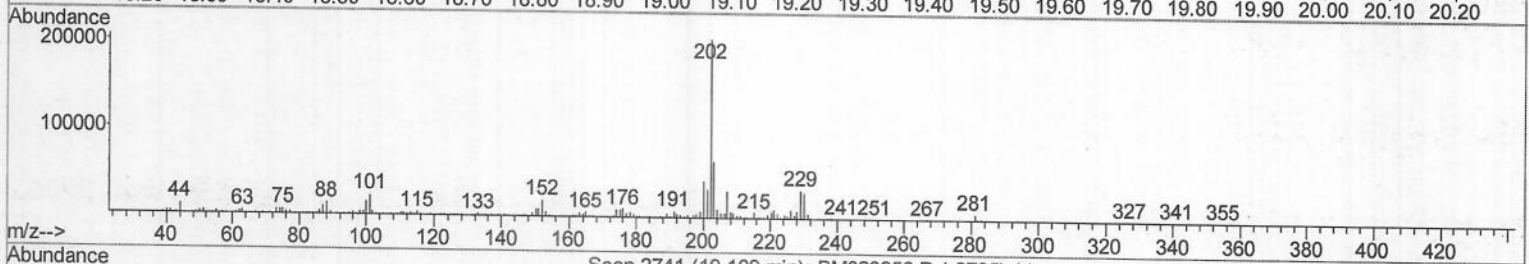
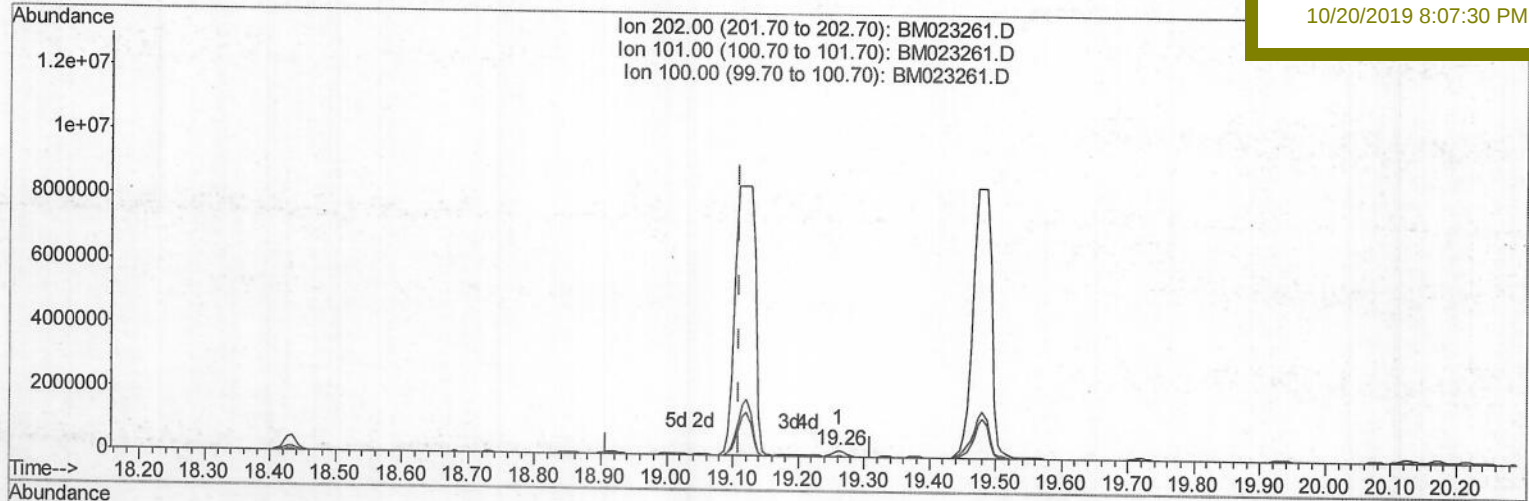
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Operator : JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 19 01:32:58 2019
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Manual Integrations
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(77) Fluoranthene (C)

19.262min (+0.153) 1.94ng/ul

response 238759

Ion	Exp%	Act%
202.00	100	100
101.00	9.80	11.24
100.00	7.60	7.69
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data File : BM023261.D

Acq On : 18 Oct 2019 17:13

Operator : JU

Sample : K5345-05 30X

Misc :

ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 19 01:32:58 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Oct 19 01:30:09 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

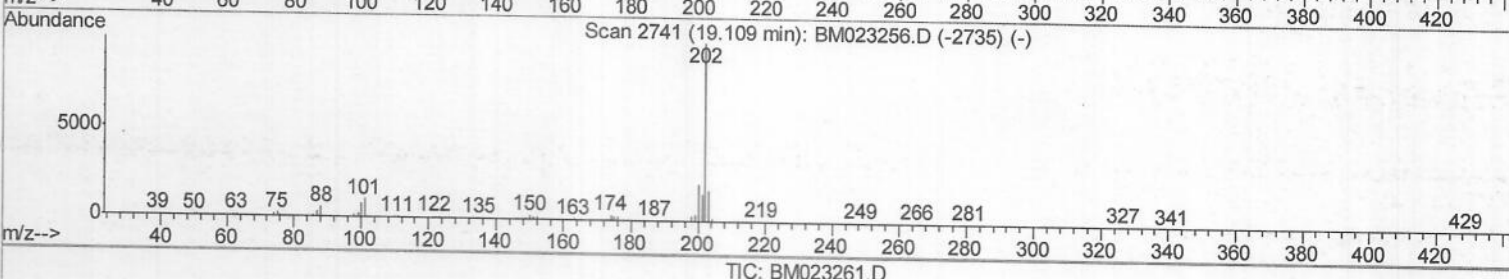
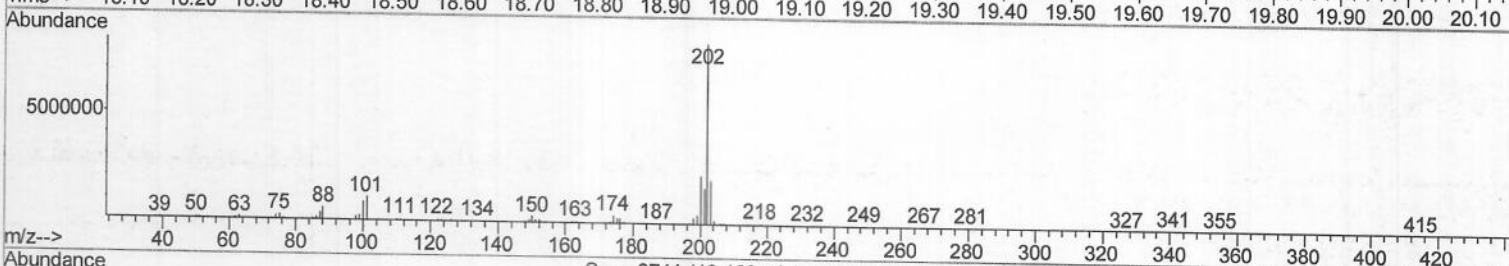
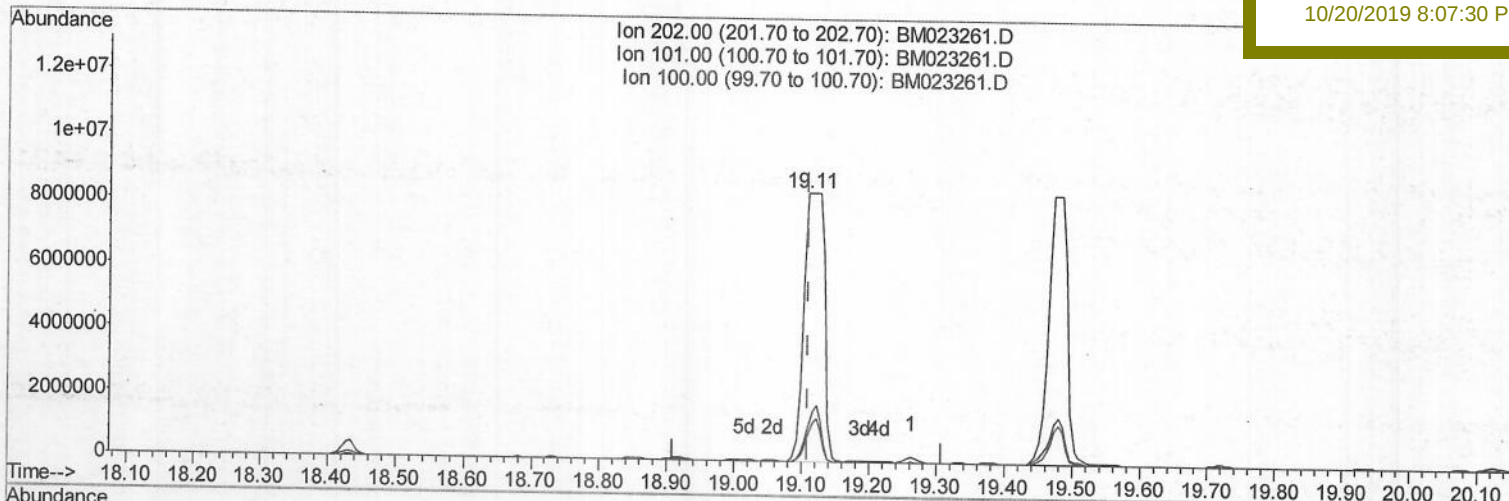
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Manual Integrations

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(77) Fluoranthene (C)

19.109min (+0.000) 143.90ng/ul m) JU 10/25/19

response 17735632

Ion Exp% Act%

202.00 100 100

101.00 9.80 12.76#

100.00 7.60 10.03#

0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Quantitation Report (Qedit)

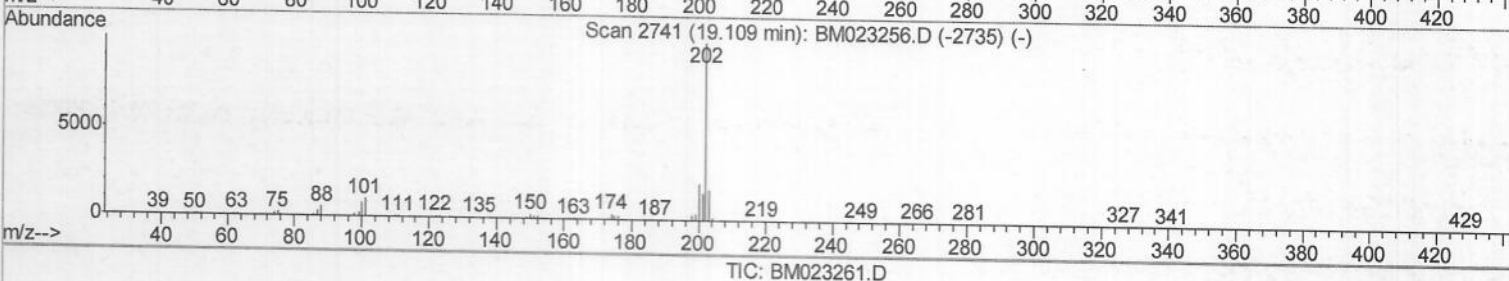
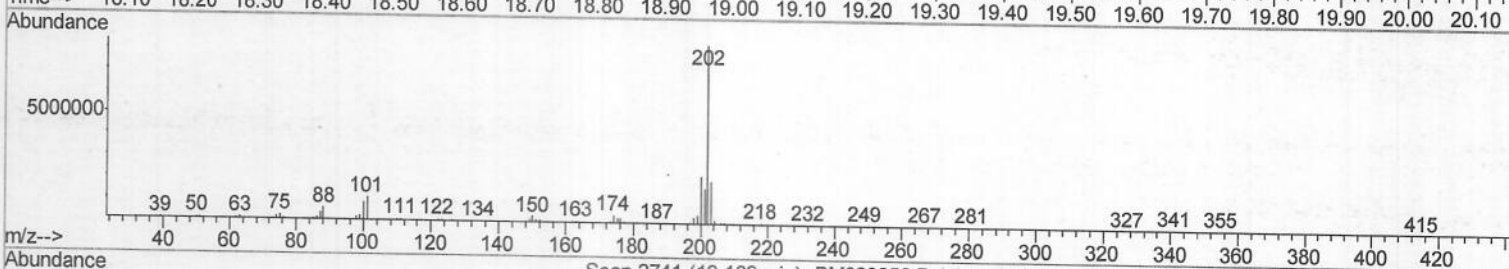
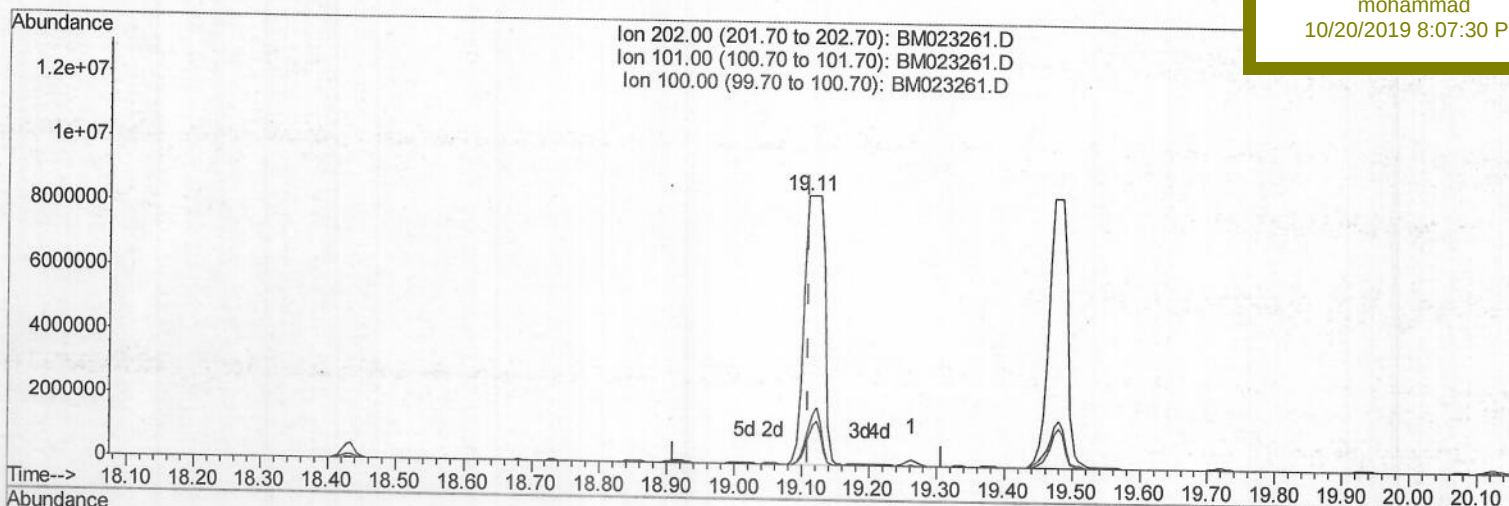
Data File : BM023261.D
Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 19 01:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ETOJ8

Manual Integrations
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(77) Fluoranthene (C)

19.109min (+0.000) 143.90ng/ul m) JU 10/25/19

response 17735632

Ion	Exp%	Act%
202.00	100	100
101.00	9.80	12.76#
100.00	7.60	10.03#
0.00	0.00	0.00

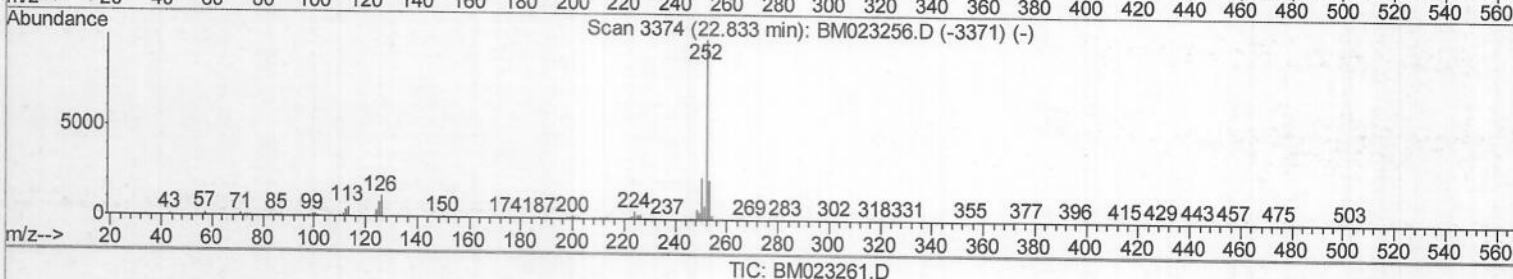
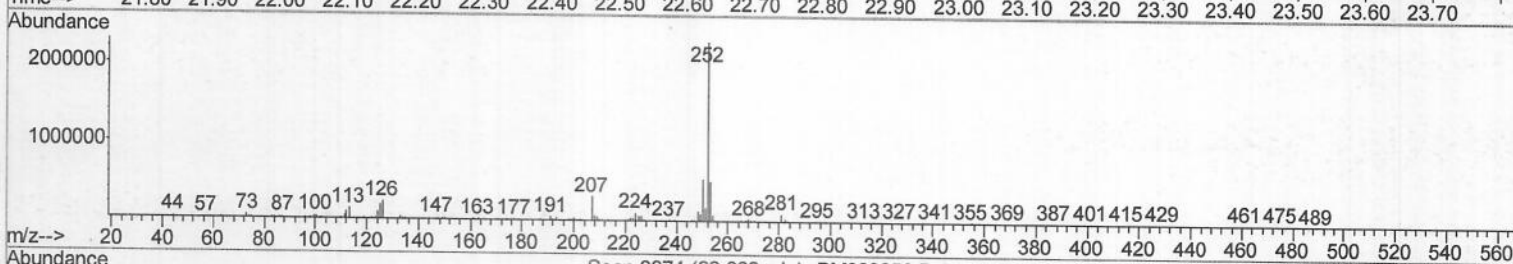
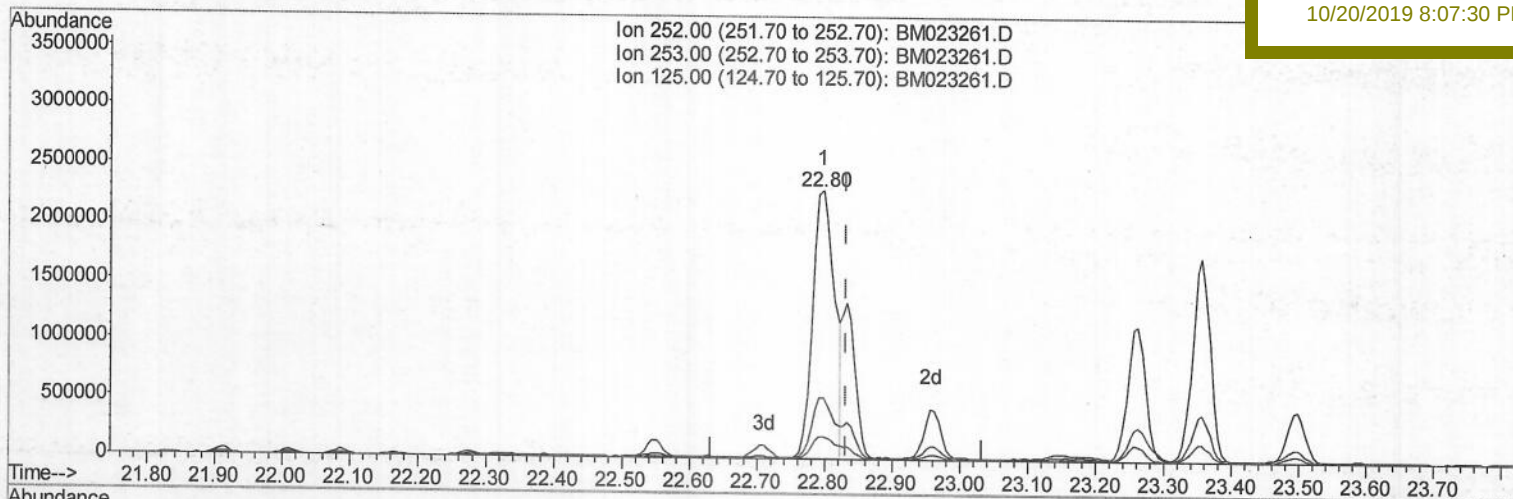
Data File : BM023261.D
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Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 19 01:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
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QLast Update : Sat Oct 19 01:30:09 2019
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Instrument :
BNA_M
ClientSampleId :
ETOJ8

Manual Integrations
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(89) Benzo(k)fluoranthene
22.797min (-0.035) 36.50ng/ul
response 5073513

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.70
125.00	8.10	8.42
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Quantitation Report (Qedit)

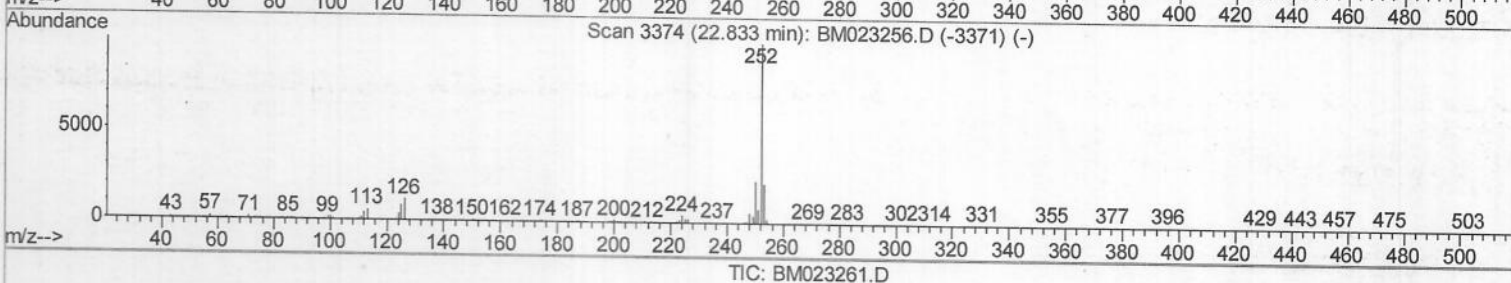
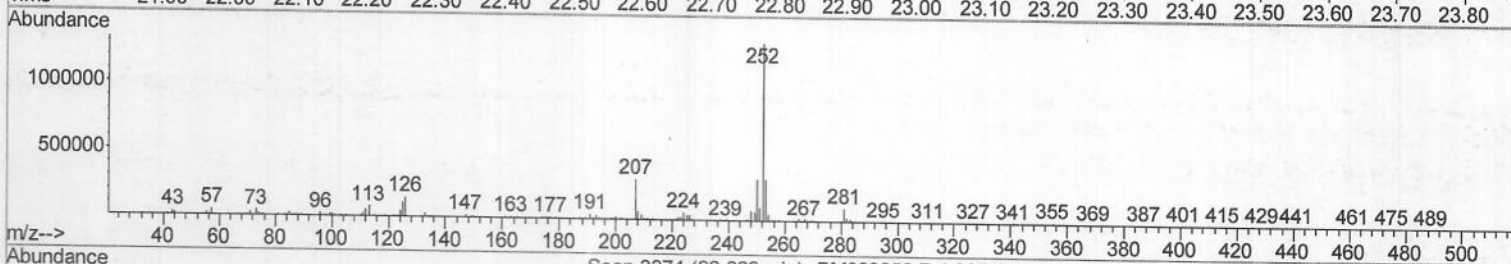
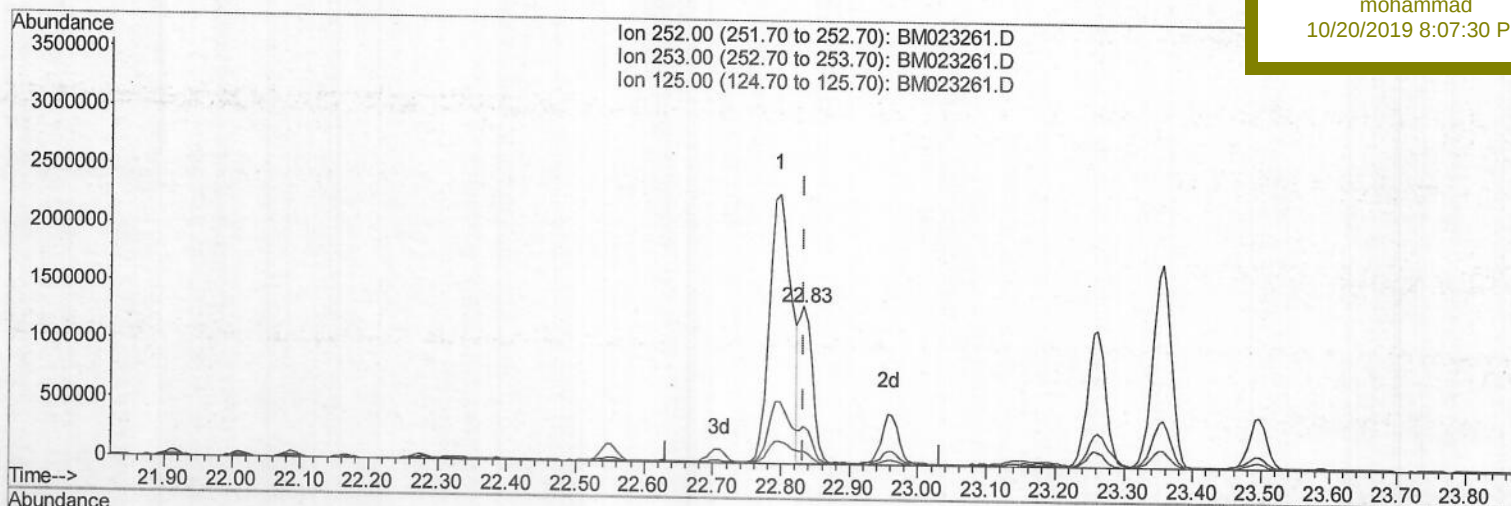
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Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 19 01:32:58 2019
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
ETOJ8

Manual Integrations
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(89) Benzo(k)fluoranthene

22.833min (+0.000) 13.07ng/ul m > JU 10/25/19

response 1817281

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.31
125.00	8.10	8.00
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

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Misc :
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BNA_M
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	397345	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1532462	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	934227	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1846556	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1978609	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2387850	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	691	0.08	ng/uL	0.01
5) Phenol-d5	6.83	99	19096	0.55	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.00	67	12317	0.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	15277	0.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	14801	0.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	7823	0.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	7157	0.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	15451	0.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	23984	0.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	52800	0.74	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	56503	0.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	8113	0.70	ng/ul	0.00
58) Fluorene-d10	15.30	176	46843	0.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	1255	0.17	ng/ul	0.00
71) Anthracene-d10	17.15	188	74105	0.83	ng/ul	0.00
79) Pyrene-d10	19.44	212	76775	0.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	88747	0.73	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.49	128	11426620	144.261	ng/ul 98
34) 2-Methylnaphthalene	12.11	142	3035541	51.502	ng/ul 99
41) 1,1'-Biphenyl	13.13	154	964829	13.573	ng/ul 98
48) Acenaphthylene	14.02	152	488891	5.694	ng/ul# 96
50) Acenaphthene	14.37	153	7151420	119.623	ng/ul 99
54) Dibenzofuran	14.70	168	7777578	91.642	ng/ul 99
59) Fluorene	15.36	166	7951368	114.192	ng/ul 99
61) 4-Nitroaniline	15.36	138	89290	6.121	ng/ul# 15
70) Phenanthrene	17.09	178	21169813m	204.282	ng/ul 99
72) Anthracene	17.19	178	4460617	41.654	ng/ul 100
75) Carbazole	17.45	167	2226838	23.277	ng/ul 99
77) Fluoranthene	19.11	202	17735632m	143.904	ng/ul 91
80) Pyrene	19.47	202	16255006	131.140	ng/ul# 97
83) Benzo(a)anthracene	21.23	228	6658309	49.665	ng/ul 97
85) Chrysene	21.28	228	4842308	38.899	ng/ul 97
88) Benzo(b)fluoranthene	22.80	252	5073513	35.044	ng/ul 99
89) Benzo(k)fluoranthene	22.83	252	1817281m	13.072	ng/ul 97
91) Benzo(a)pyrene	23.36	252	3175001	22.858	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.66	276	1477017	8.939	ng/ul 90
93) Dibenzo(a,h)anthracene	25.67	278	441696	3.197	ng/ul# 98
94) Benzo(g,h,i)perylene	26.33	276	1232694	9.061	ng/ul 98

JU 10/25/19

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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