

Quantitation Report (LSC Reviewed)

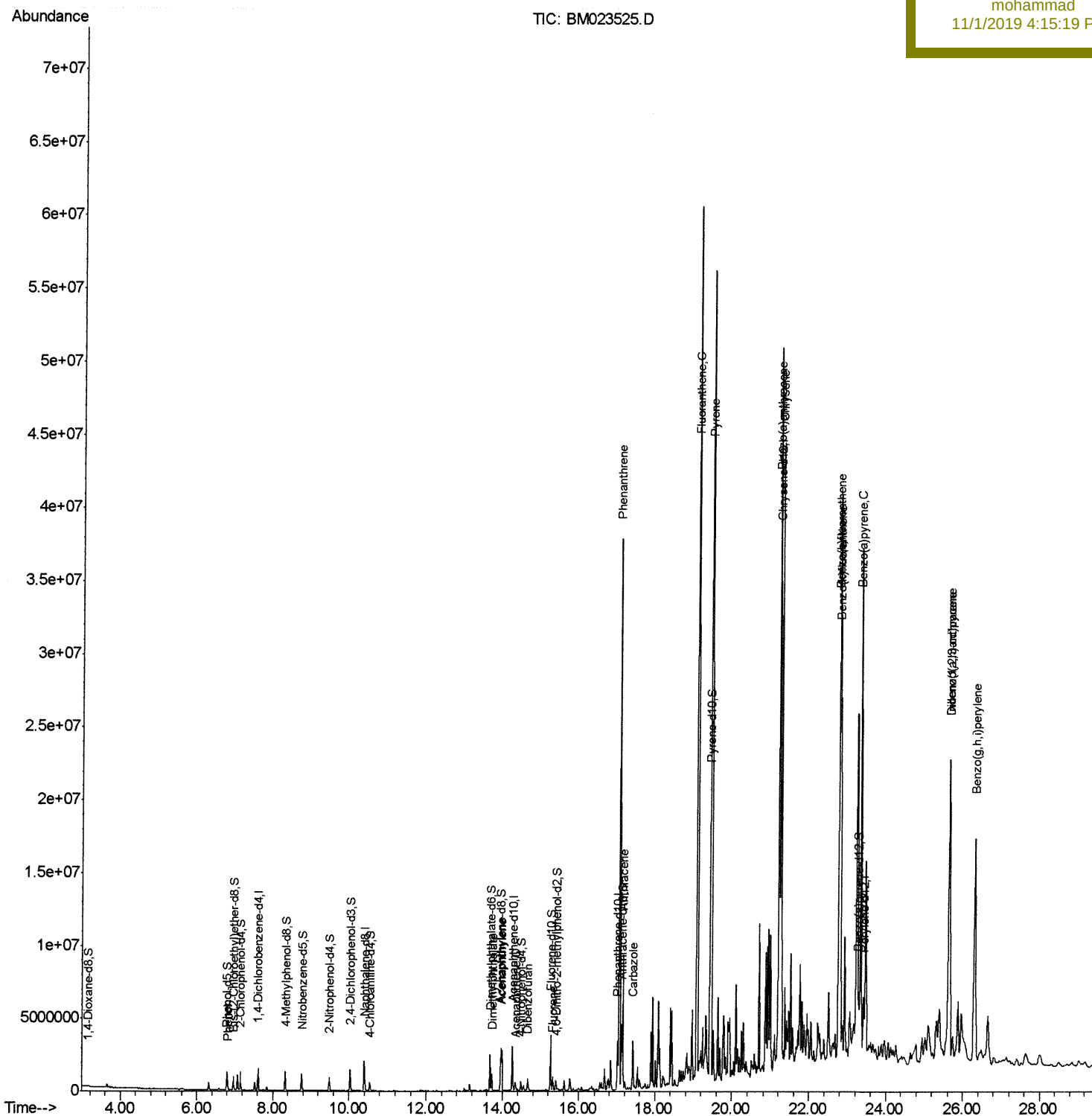
ALS Vial : 4 Sample Multiplier: 1

C0003

Response via : Initial Calibration

APPROVED

11/1/2019 4:15:19 PM



SOM-EPA-BM102319MA.M Fri Nov 01 07:38:18 2019

Page: 2

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

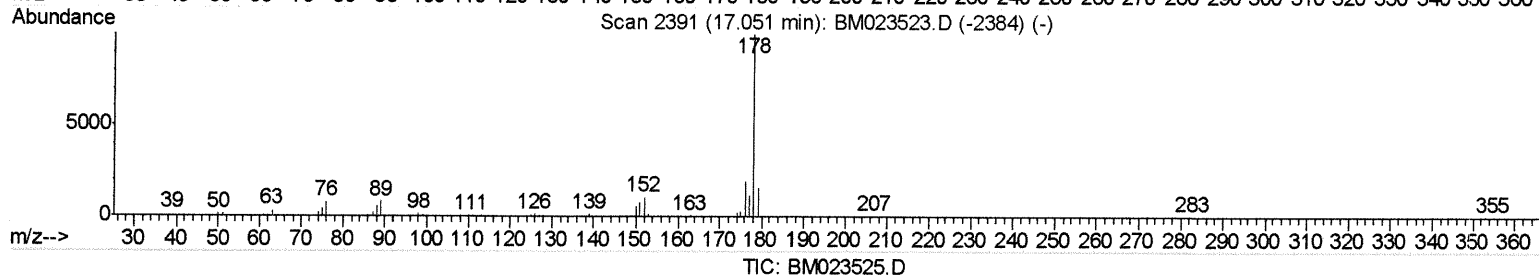
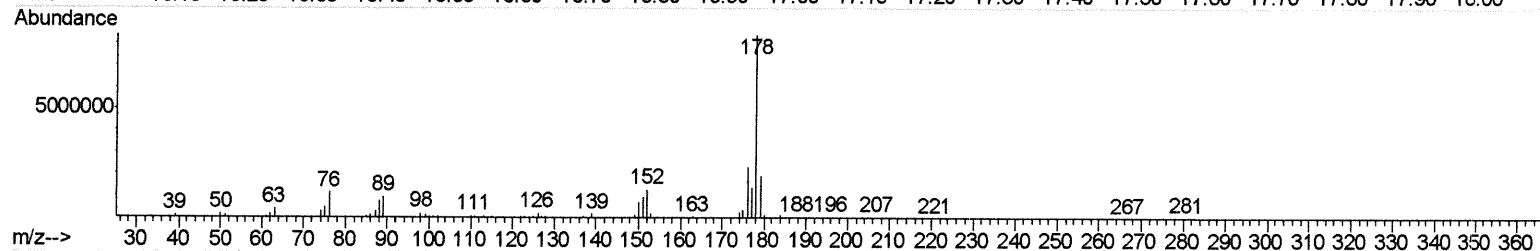
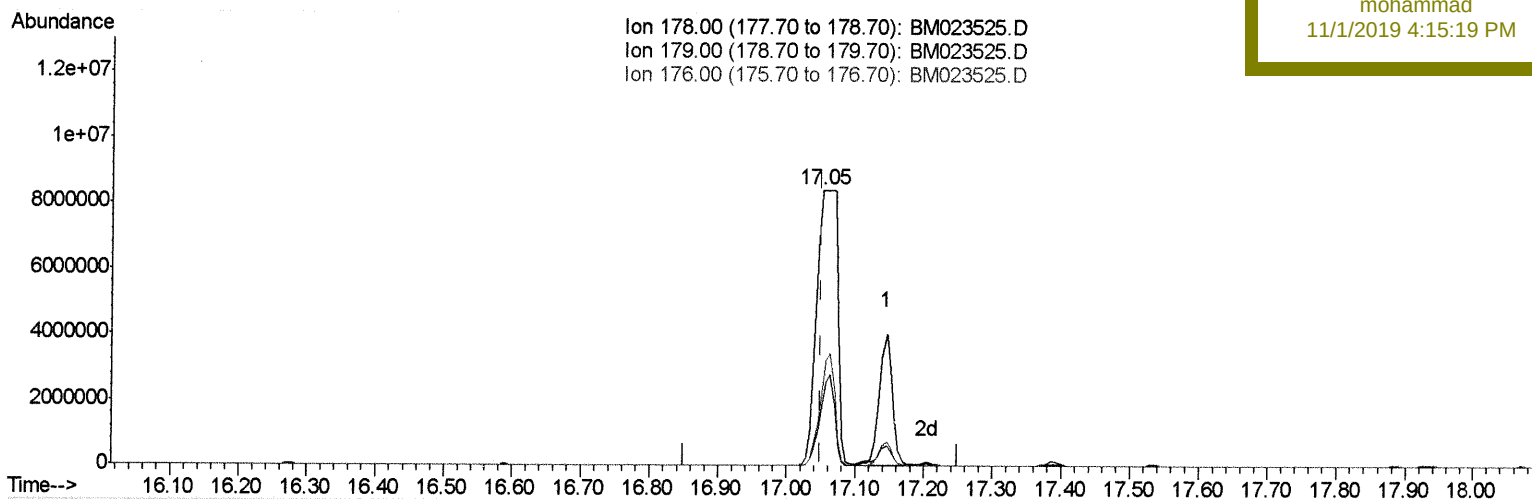
Data File : BM023525.D
Acq On : 31 Oct 2019 18:27
Operator : JU
Sample : K5395-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 07:15:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 07:12:43 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0003

Manual Integrations
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mohammad
11/1/2019 4:15:19 PM



(70) Phenanthrene

17.051min (-0.000) 149.17ng/ul m

response 17629358

JU 11/06/19

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	22.41#
176.00	18.60	27.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

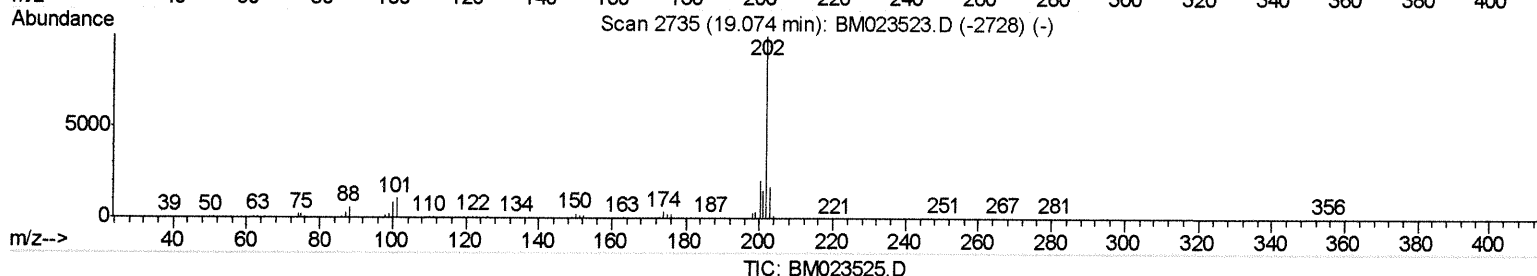
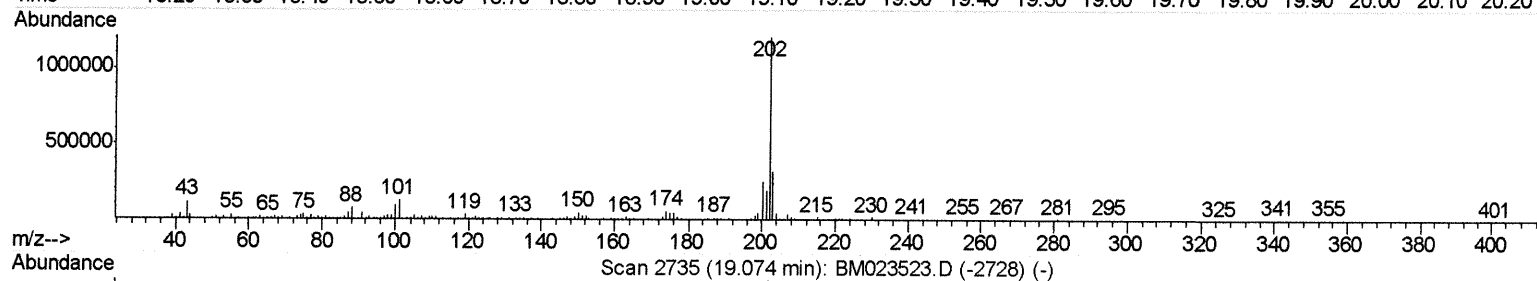
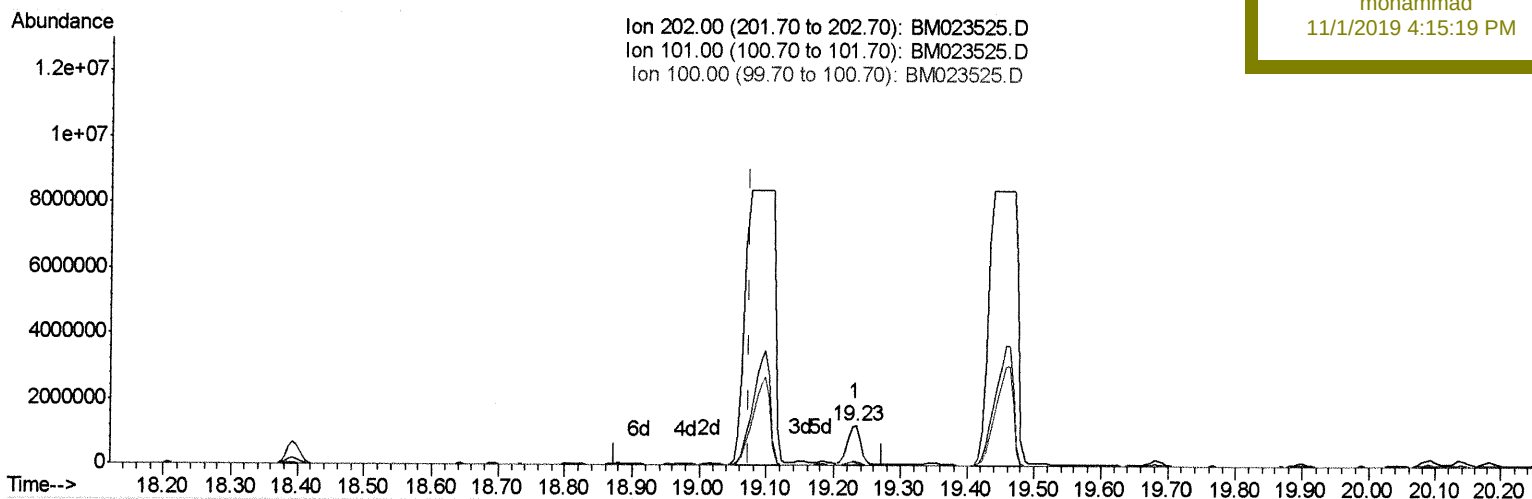
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(77) Fluoranthene (C)

19.233min (+0.159) 12.09ng/ul

response 1490951

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	10.23
100.00	7.70	7.84
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

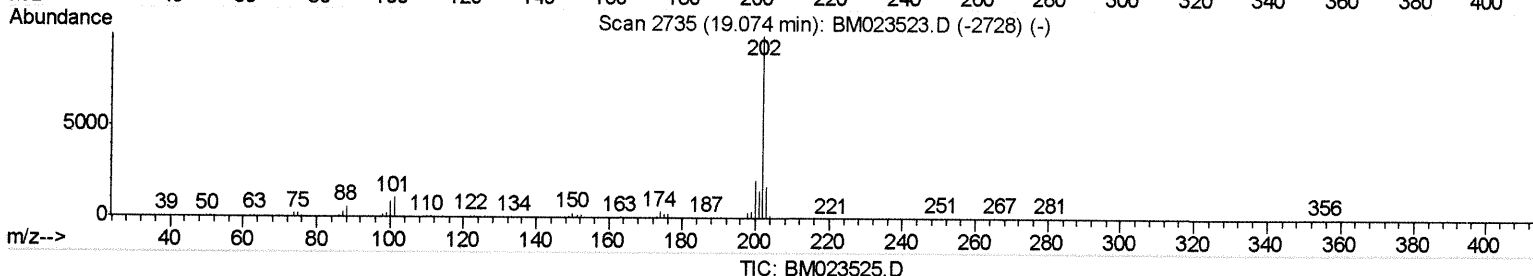
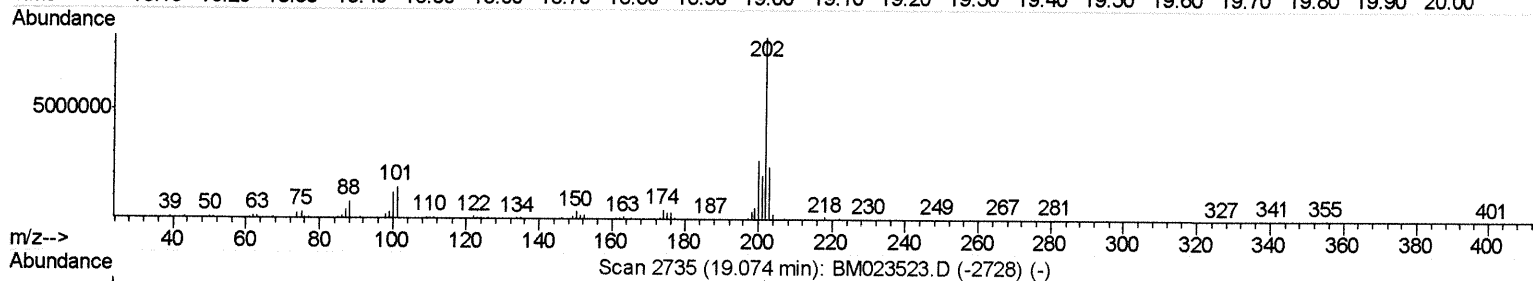
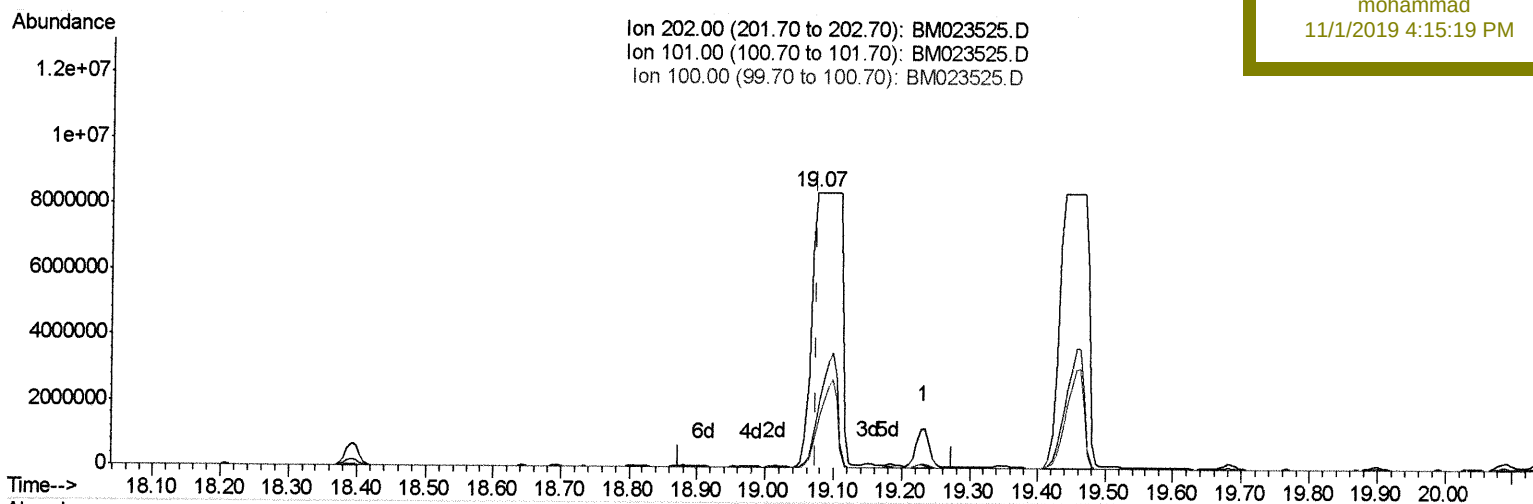
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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(77) Fluoranthene (C)

19.074min (-0.000) 201.71ng/ul m

response 24866113

JU 11/04/19

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	17.39#
100.00	7.70	13.45#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

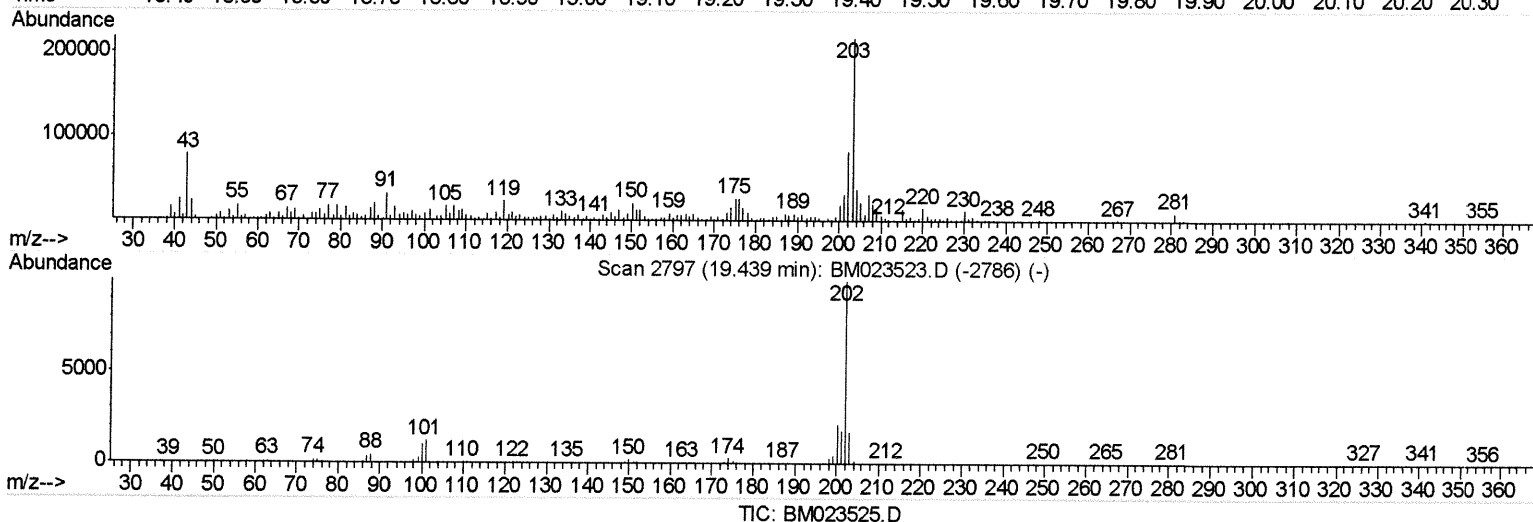
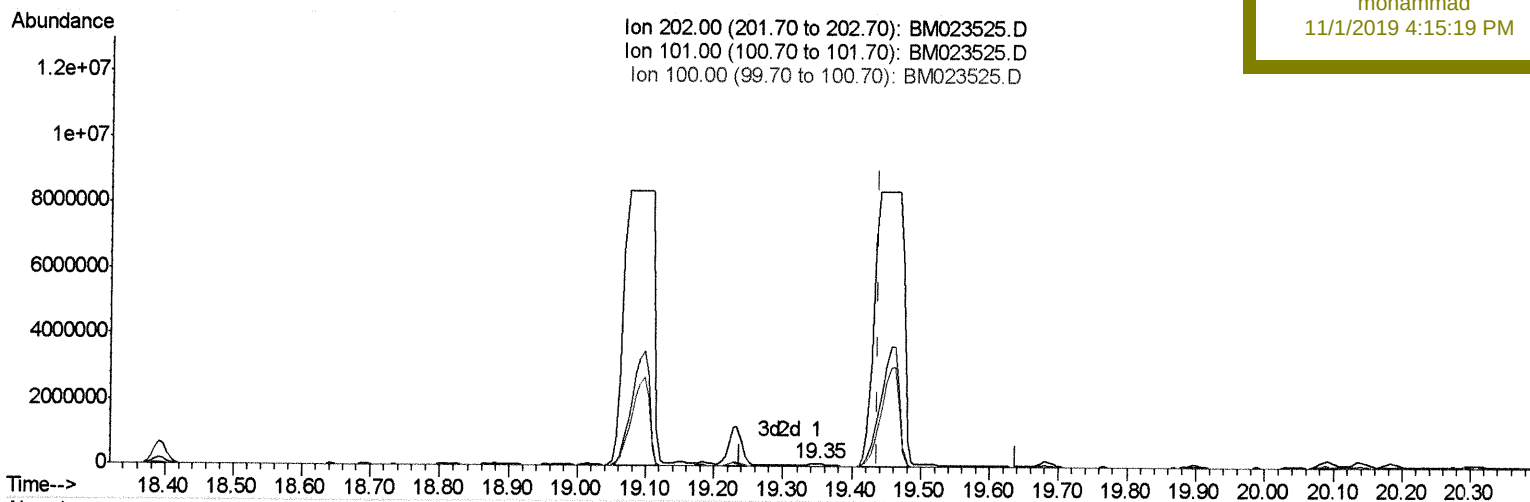
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Manual Integrations
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(80) Pyrene

19.350min (-0.088) 0.85ng/ul

response 132476

Ion	Exp%	Act%
202.00	100	100
101.00	12.50	14.81
100.00	10.40	9.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

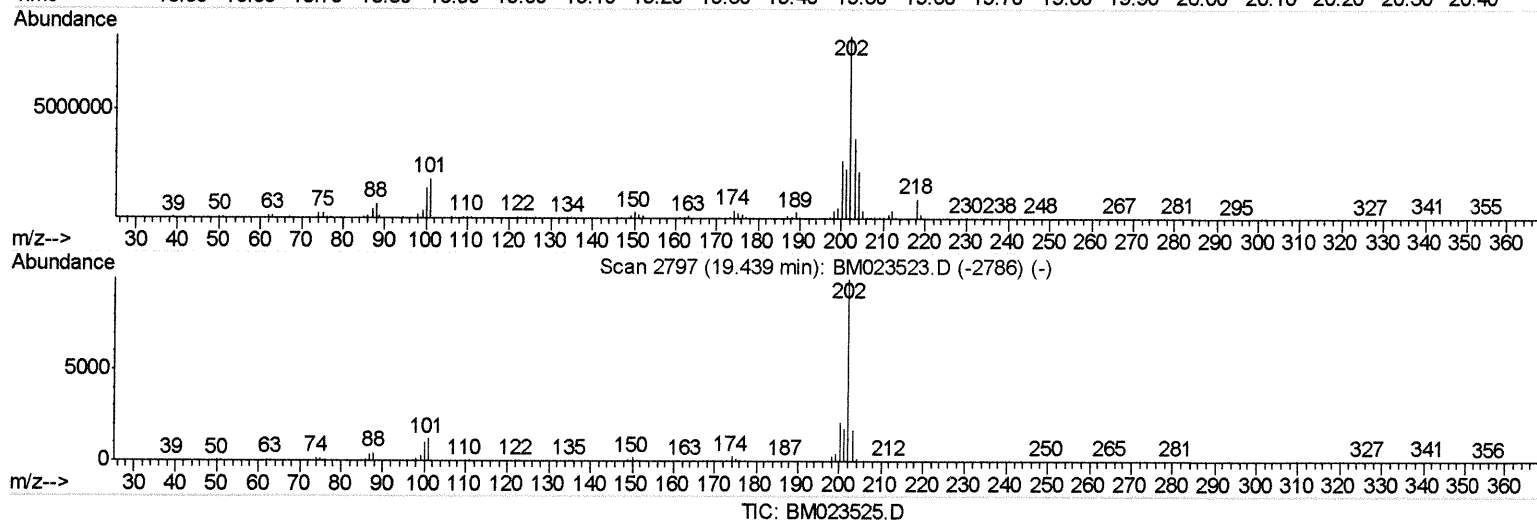
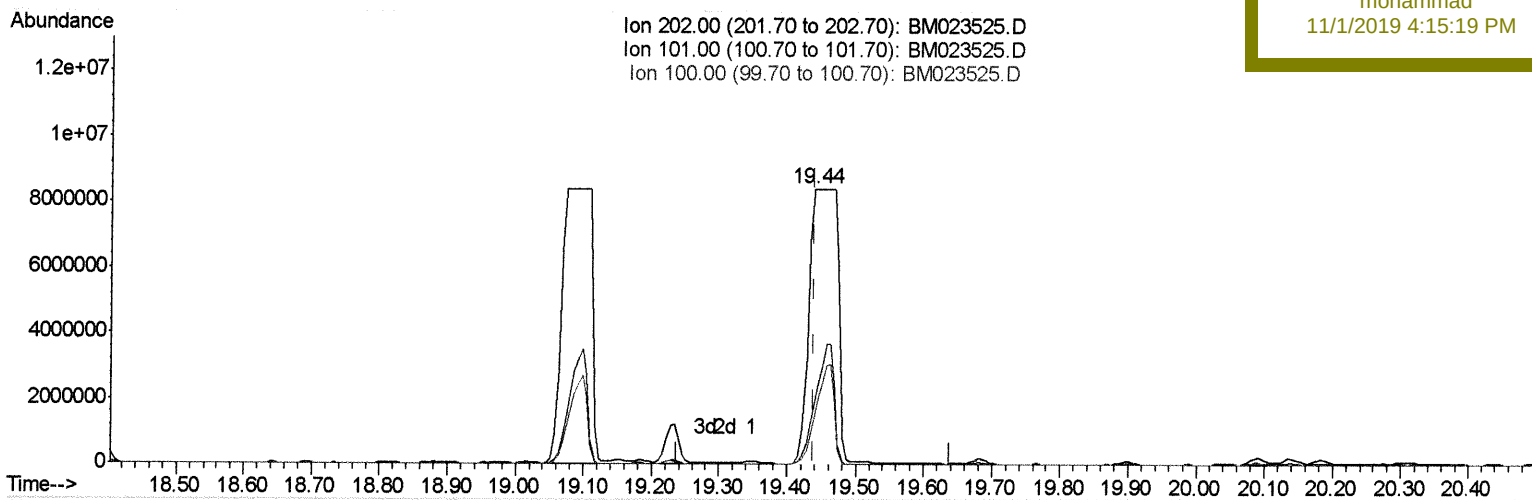
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Manual Integrations
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(80) Pyrene

19.439min (-0.000) 155.33ng/ul m

response 24344163

Ion	Exp%	Act%
202.00	100	100
101.00	12.50	21.44#
100.00	10.40	16.16#
0.00	0.00	0.00

JU 11/1/19

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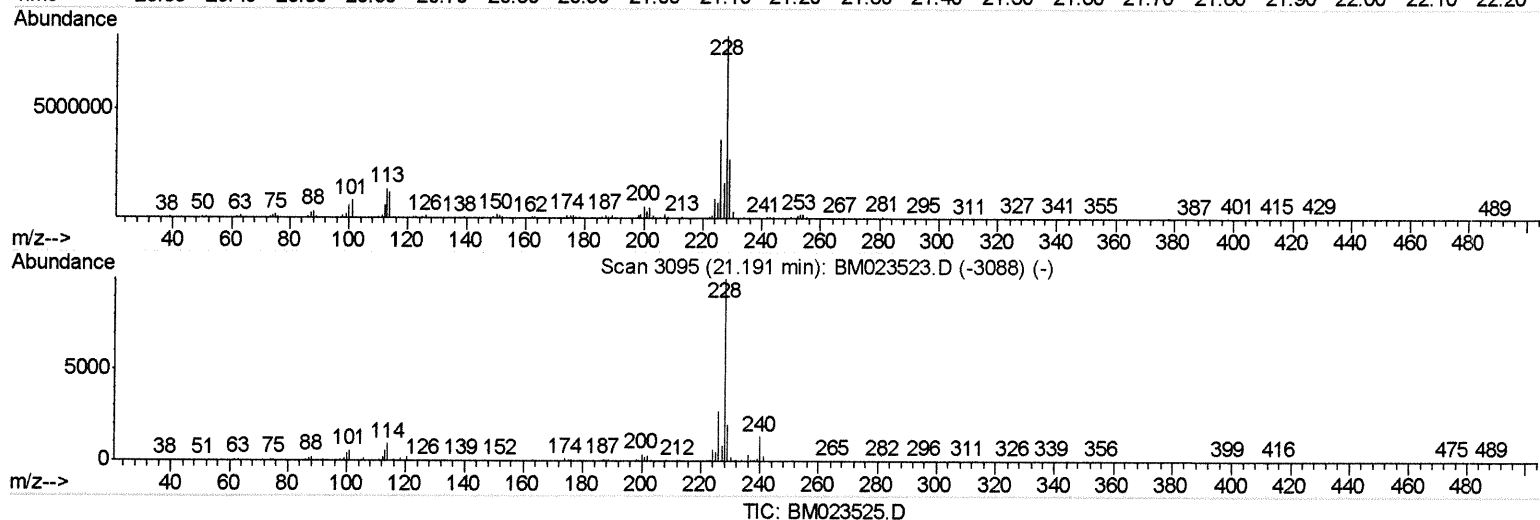
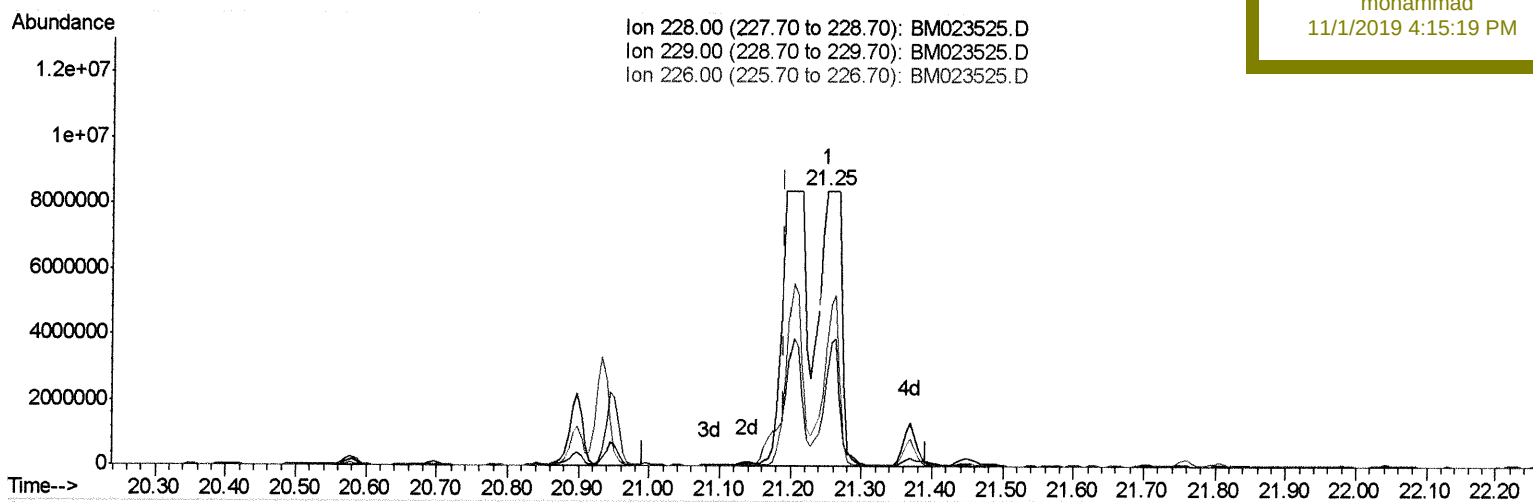
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Manual Integrations
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(83) Benzo(a)anthracene

21.250min (+0.059) 14.80ng/ul

response 2196846

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	32.36#
226.00	27.00	43.08#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

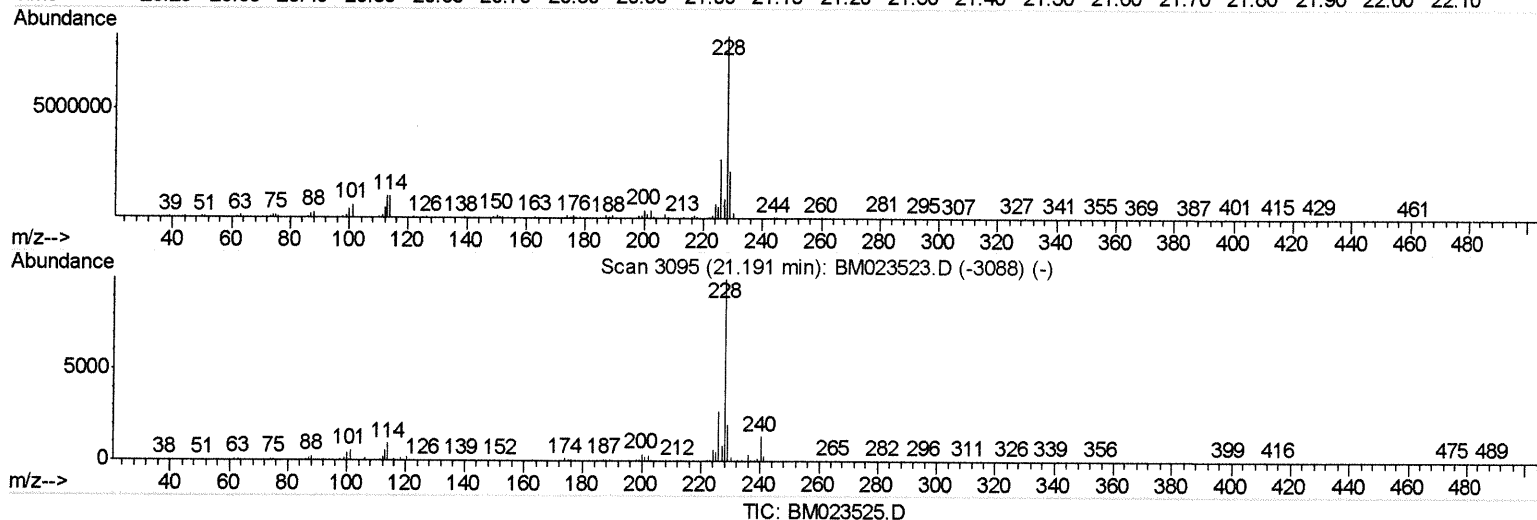
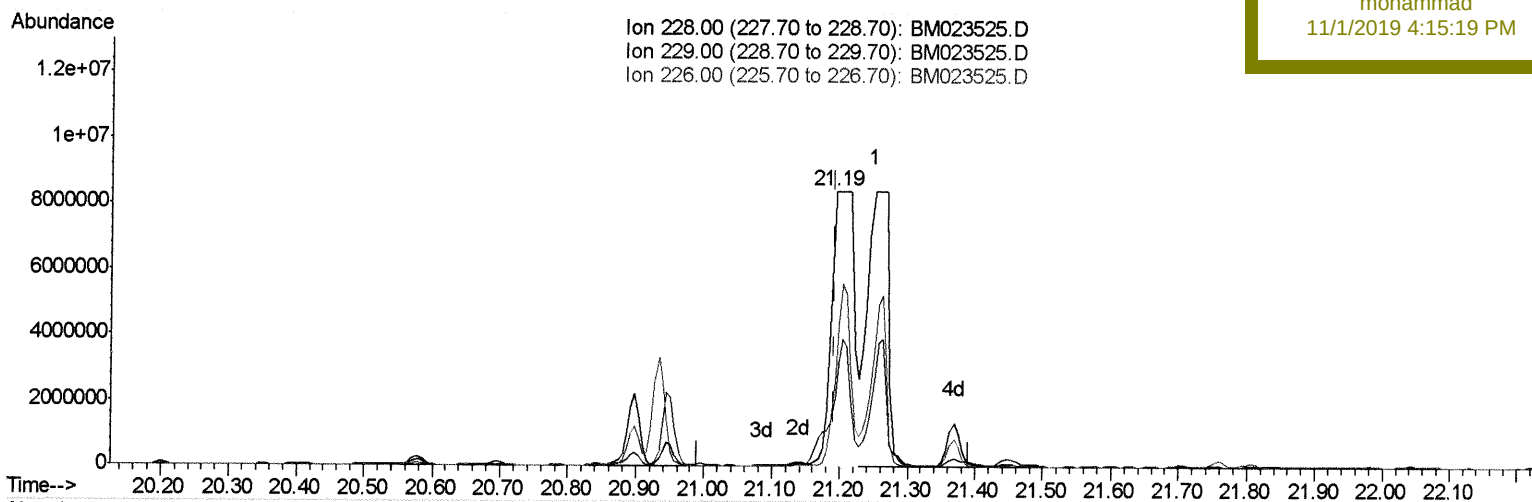
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Sample : K5395-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

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BNA_M
ClientSampleId :
C0003

Manual Integrations
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(83) Benzo(a)anthracene

21.191min (-0.000) 132.22ng/ul m

response 19625212

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	25.36#
226.00	27.00	32.23
0.00	0.00	0.00

JU 11/04/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

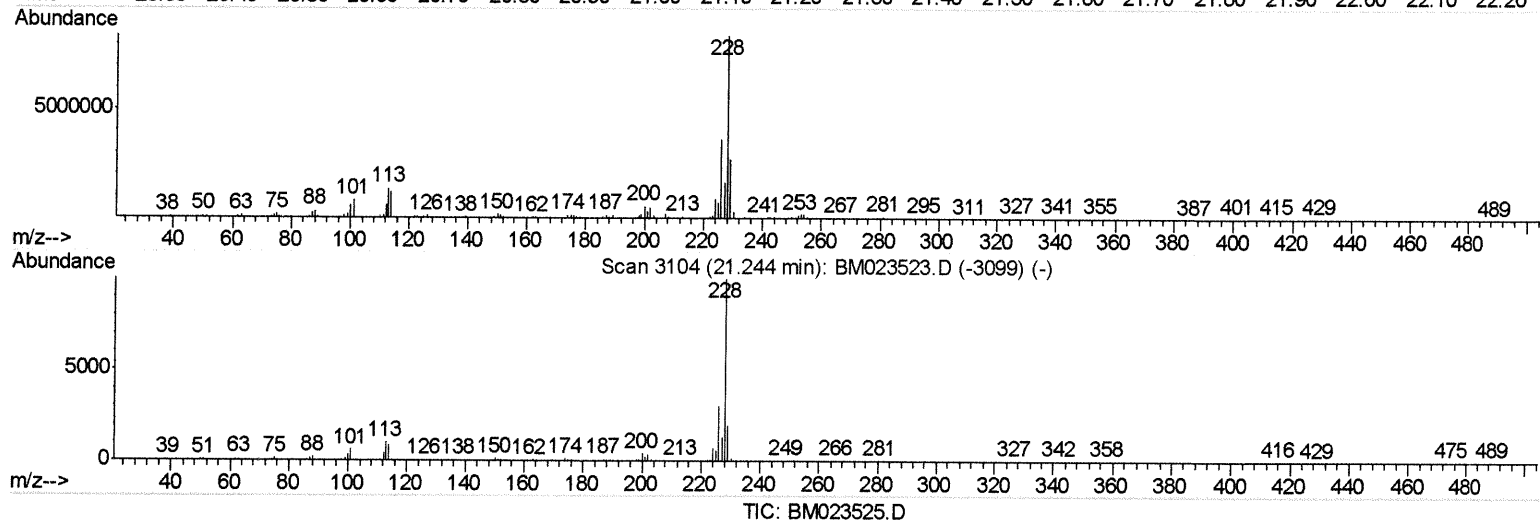
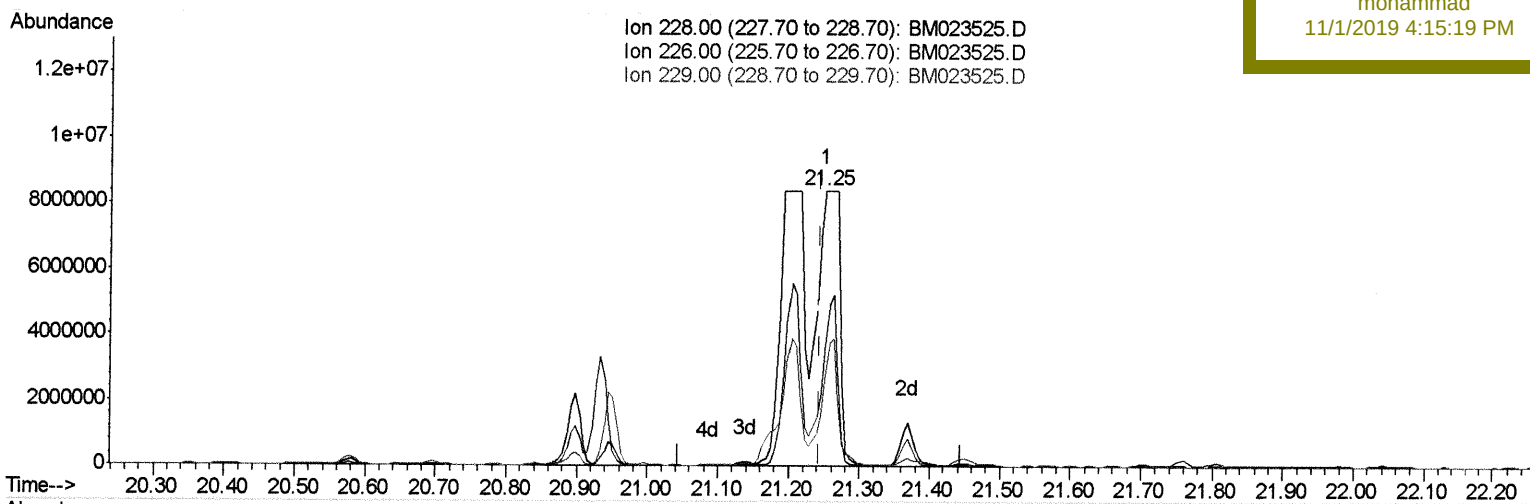
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(85) Chrysene

21.250min (+0.006) 16.04ng/ul

response 2196846

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	43.08#
229.00	20.00	32.36#
0.00	0.00	0.00

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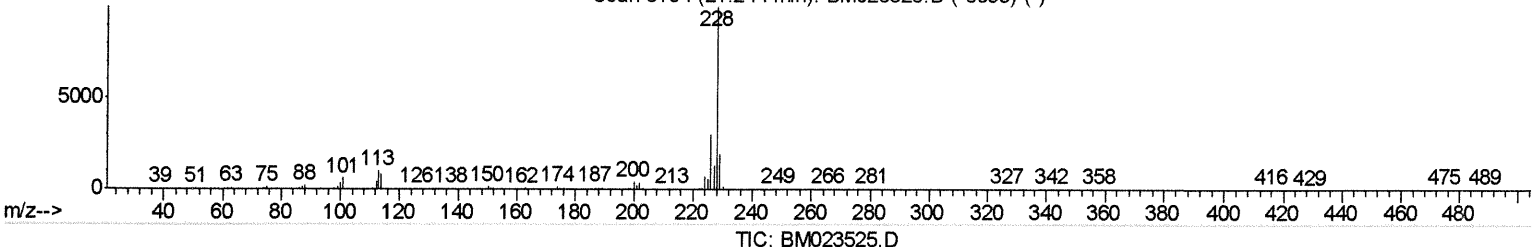
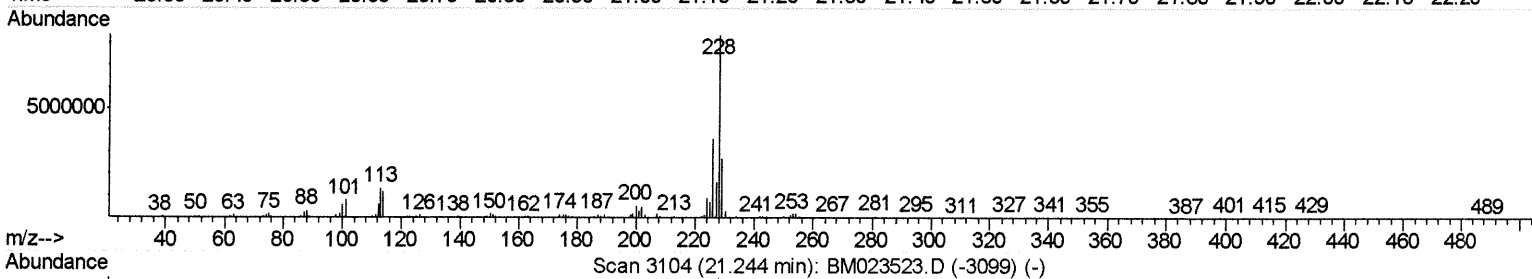
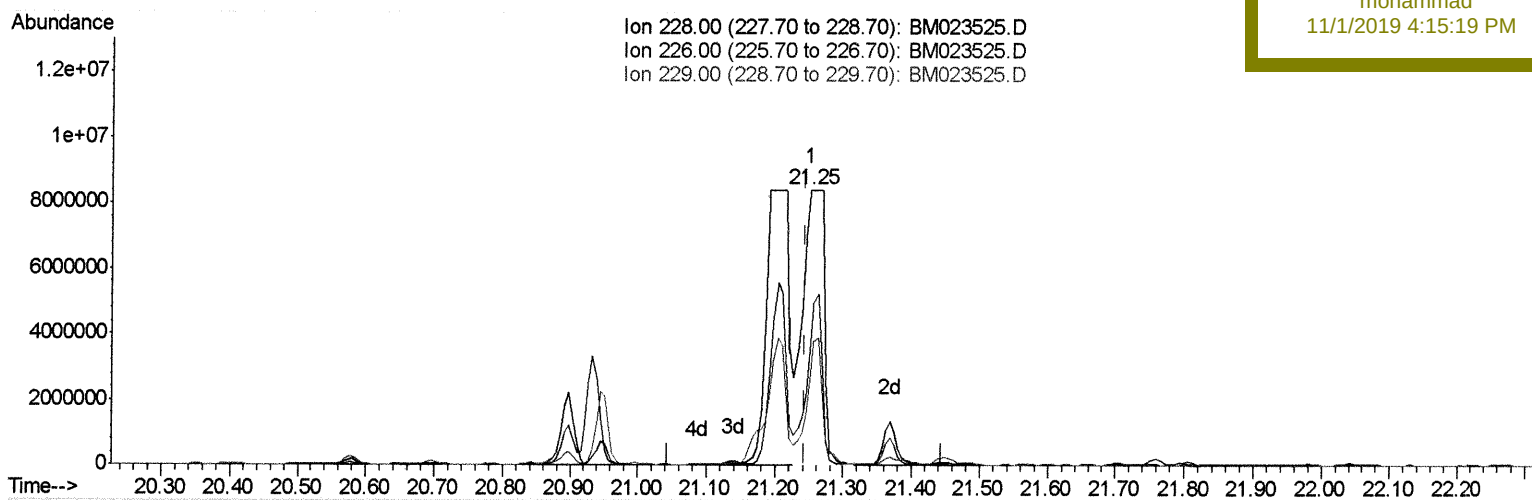
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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BNA_M
ClientSampleId :
C0003

Manual Integrations
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11/1/2019 4:15:19 PM



(85) Chrysene

21.250min (+0.006) 135.00ng/ul m

response 18489793

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	43.08#
229.00	20.00	32.36#
0.00	0.00	0.00

JU 11/01/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

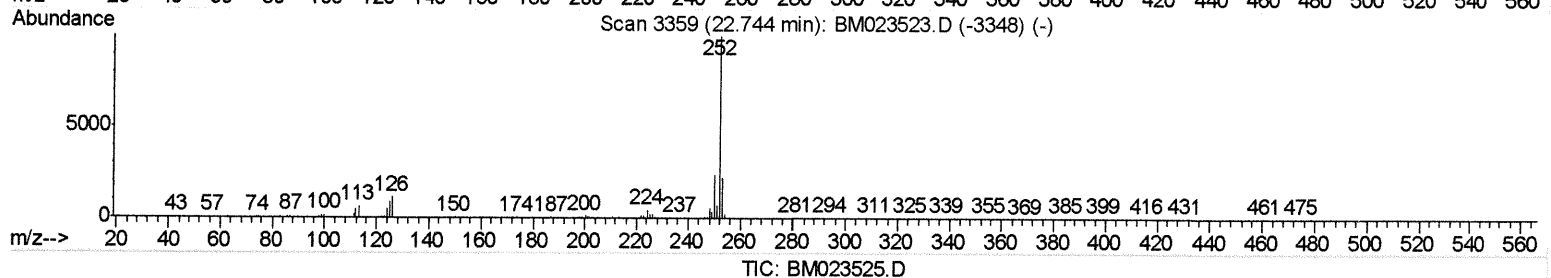
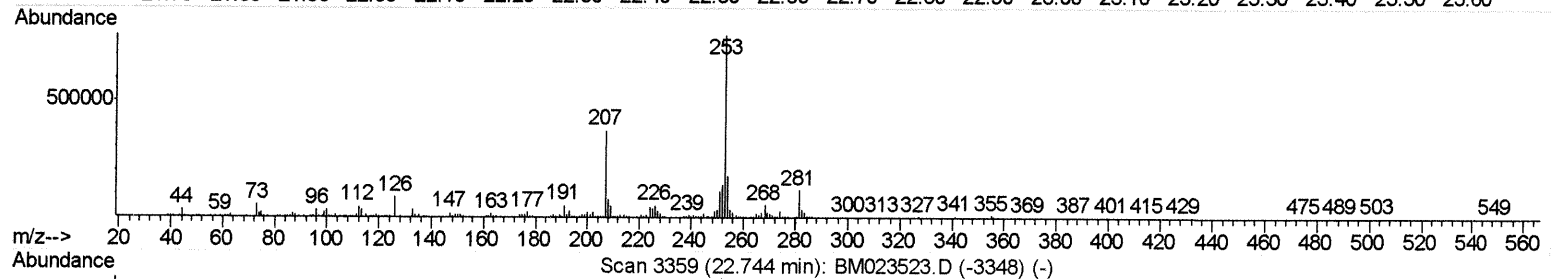
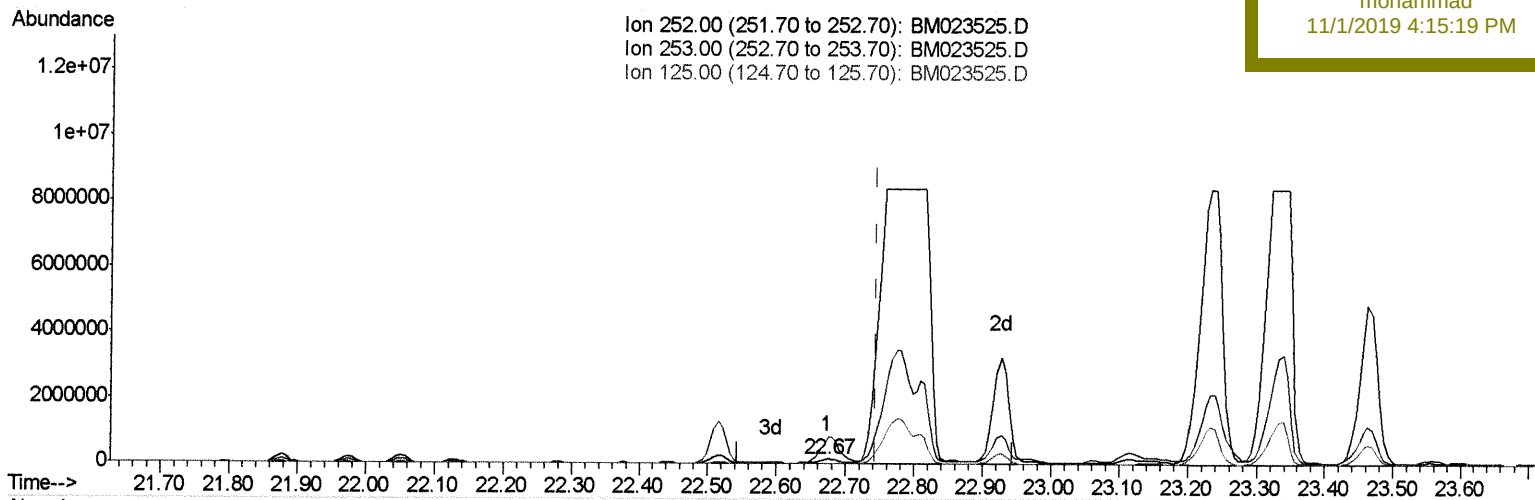
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(88) Benzo(b)fluoranthene

22.674min (-0.071) 1.47ng/ul

response 251785

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	569.88#
125.00	8.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
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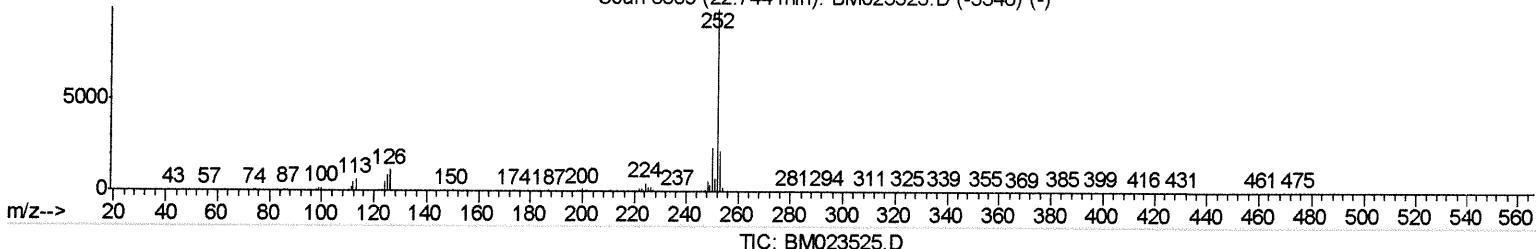
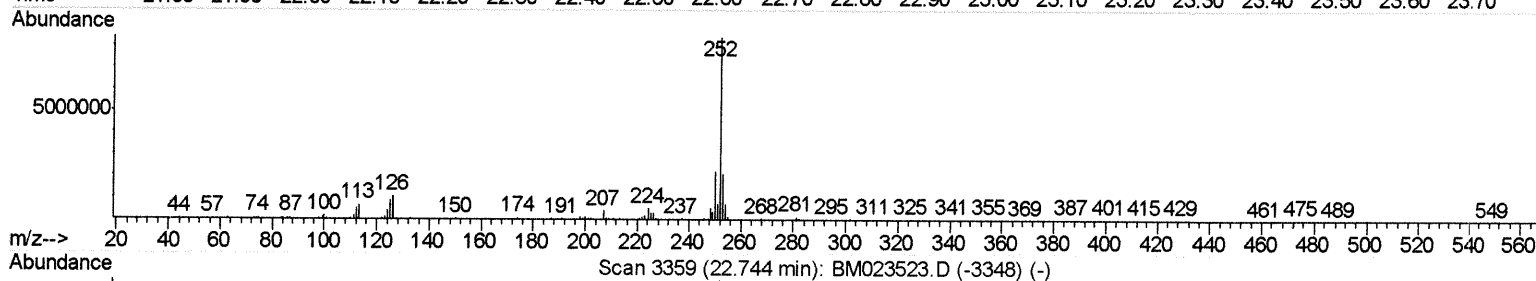
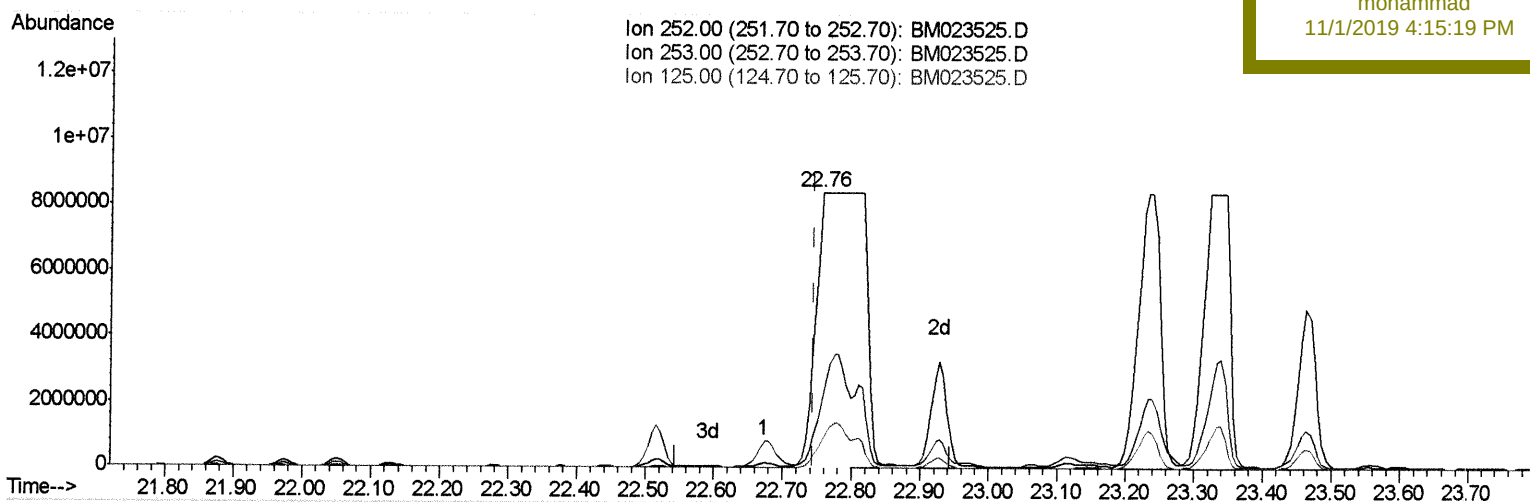
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Misc :
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Manual Integrations
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11/1/2019 4:15:19 PM



(88) Benzo(b)fluoranthene

22.756min (+0.012) 164.91ng/ul m

response 28272199

JU 11/04/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	25.01
125.00	8.90	9.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
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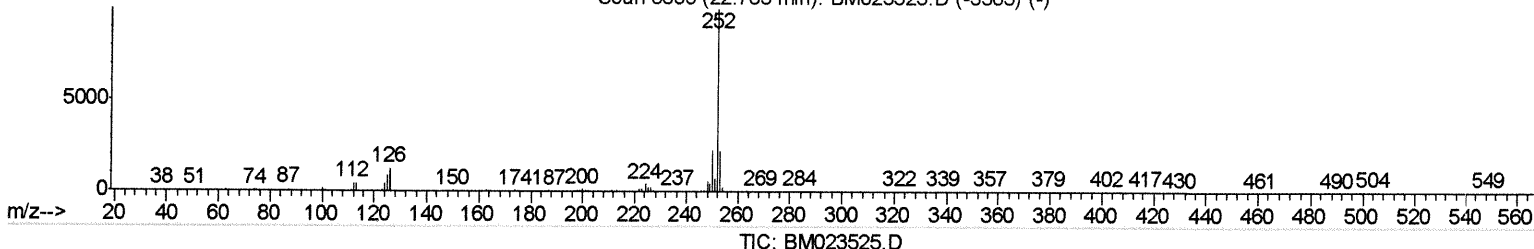
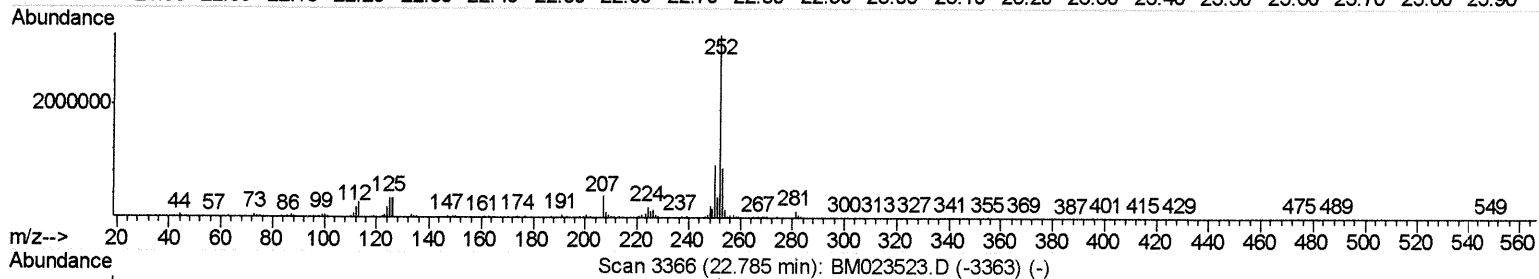
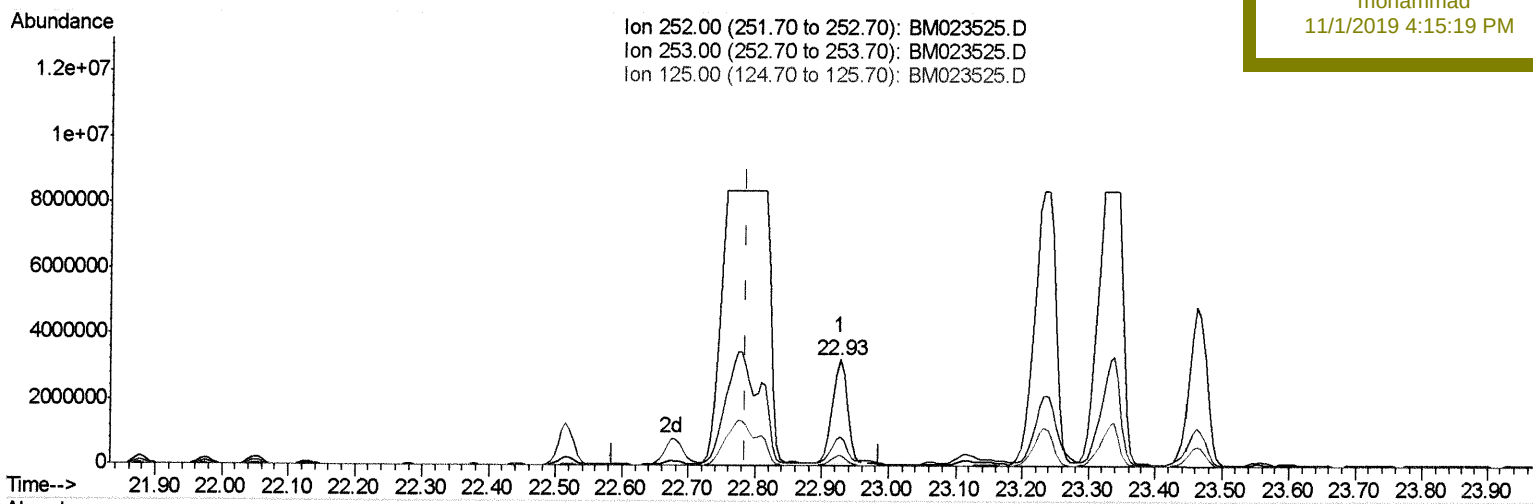
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APPROVED

mohammad
11/1/2019 4:15:19 PM



(89) Benzo(k)fluoranthene

22.927min (+0.141) 31.11ng/ul

response 5008417

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	26.88#
125.00	8.50	10.52#
0.00	0.00	0.00

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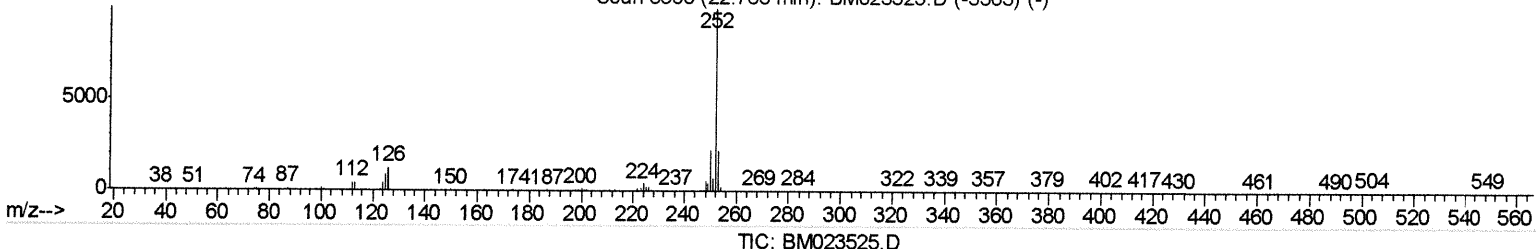
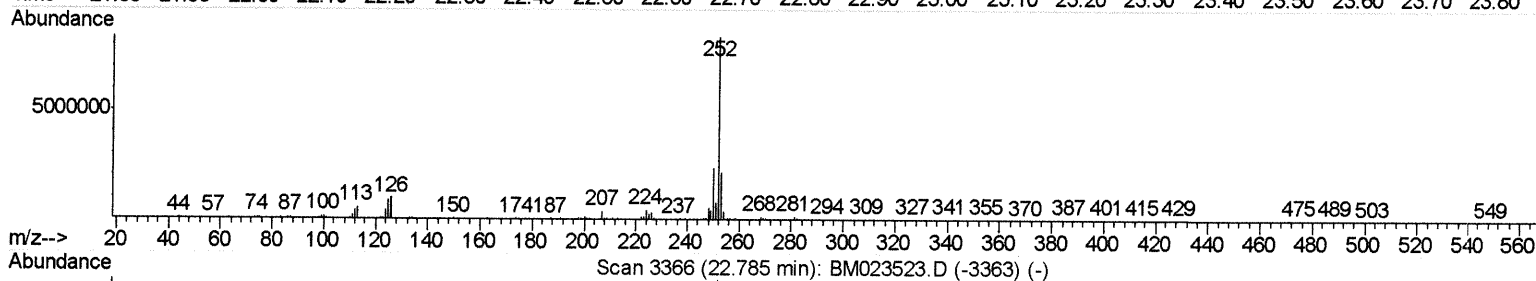
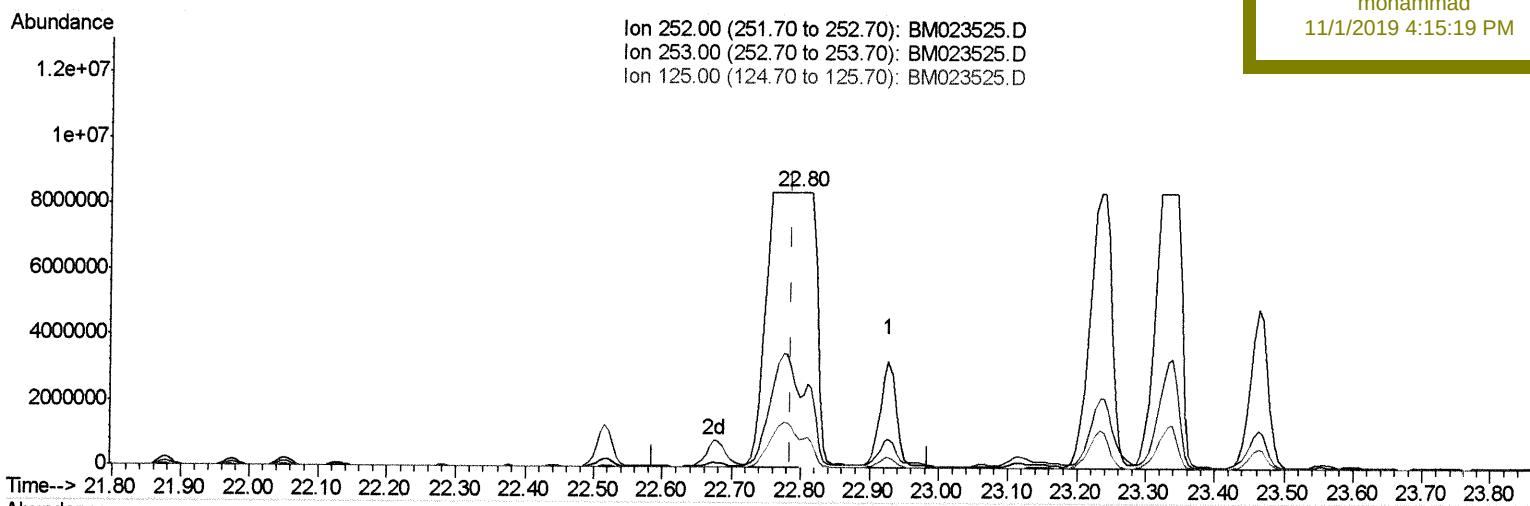
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11/1/2019 4:15:19 PM



(89) Benzo(k)fluoranthene

22.797min (+0.012) 76.25ng/ul m

response 12275305

JU 11/04/19

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.51
125.00	8.50	10.20#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

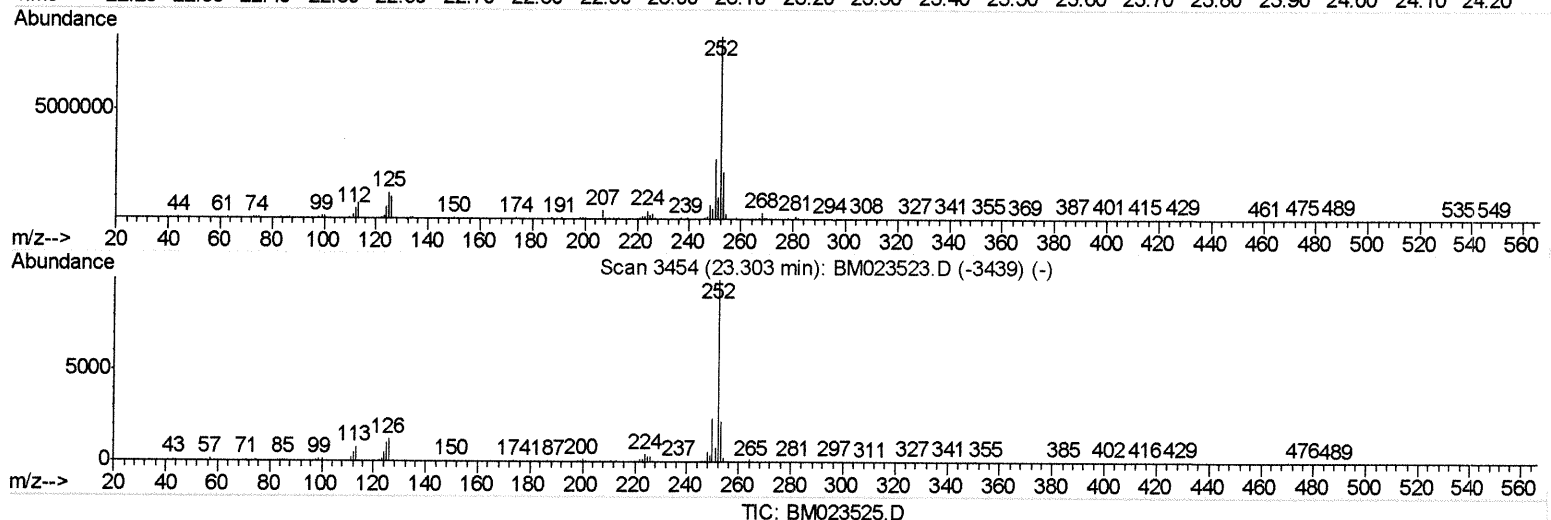
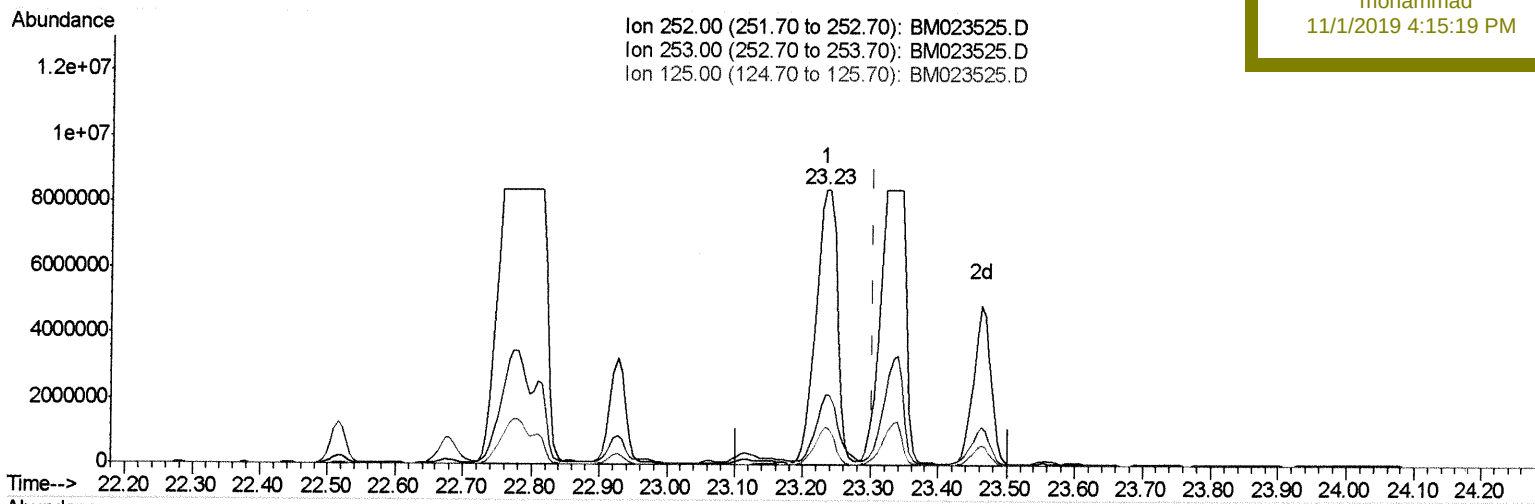
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mohammad
11/1/2019 4:15:19 PM



(91) Benzo(a)pyrene (C)

23.233min (-0.071) 118.10ng/ul

response 18330517

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	25.31
125.00	9.40	13.96#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

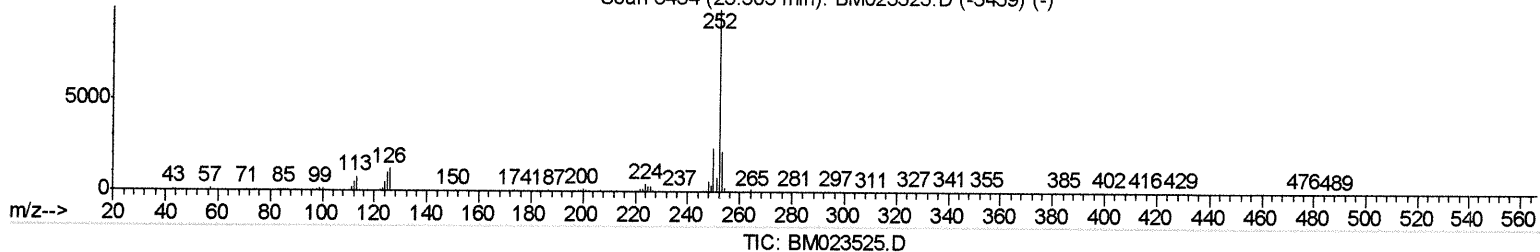
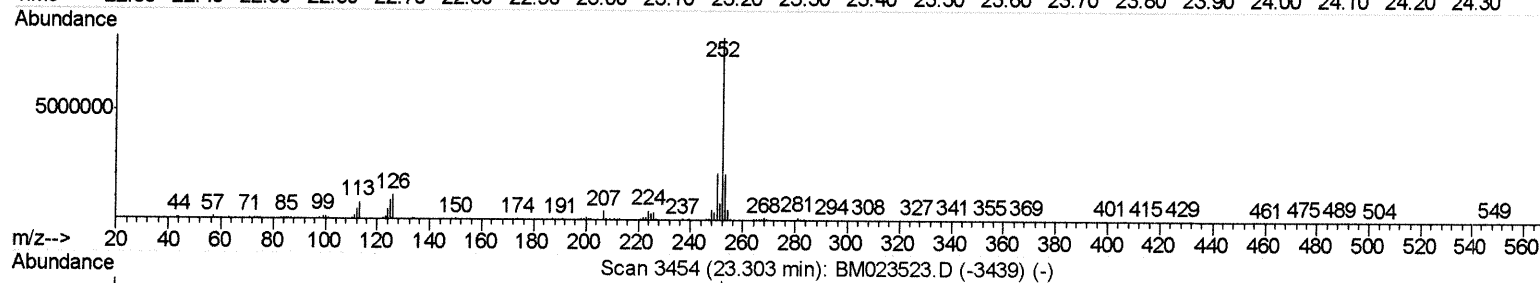
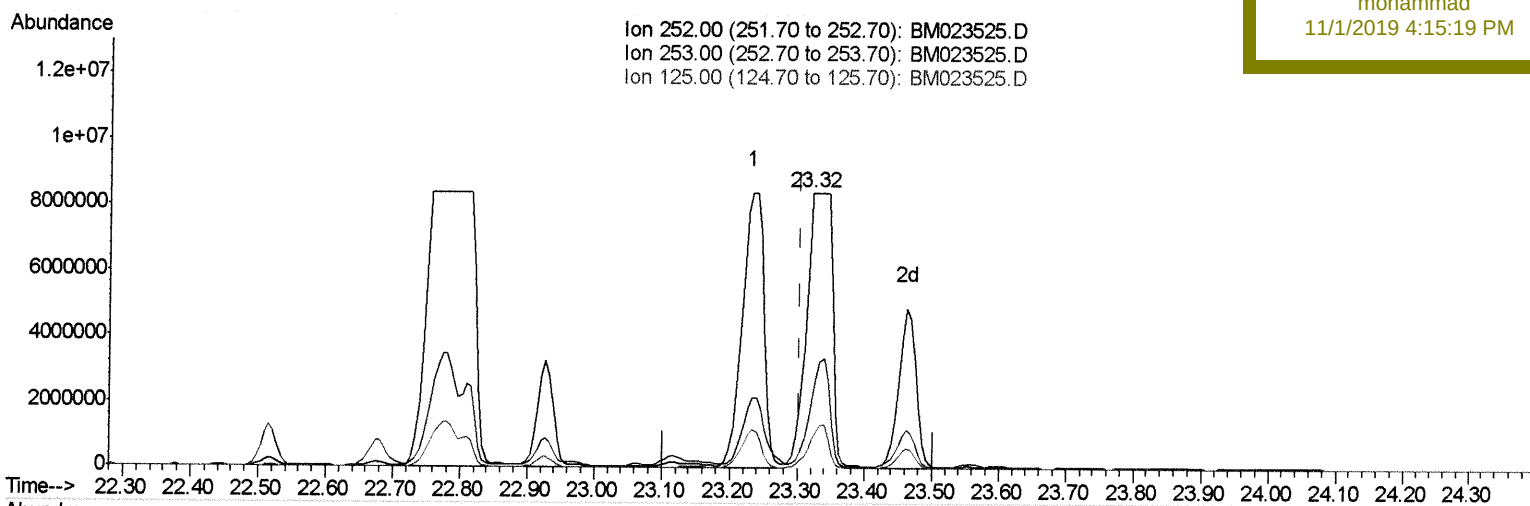
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 07:12:43 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0003

Manual Integrations
APPROVED

mohammad
11/1/2019 4:15:19 PM



(91) Benzo(a)pyrene (C)

23.321min (+0.018) 143.61ng/ul m

response 22290279

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	24.93
125.00	9.40	10.29
0.00	0.00	0.00

JU 11/01/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Quantitation Report (Qedit)

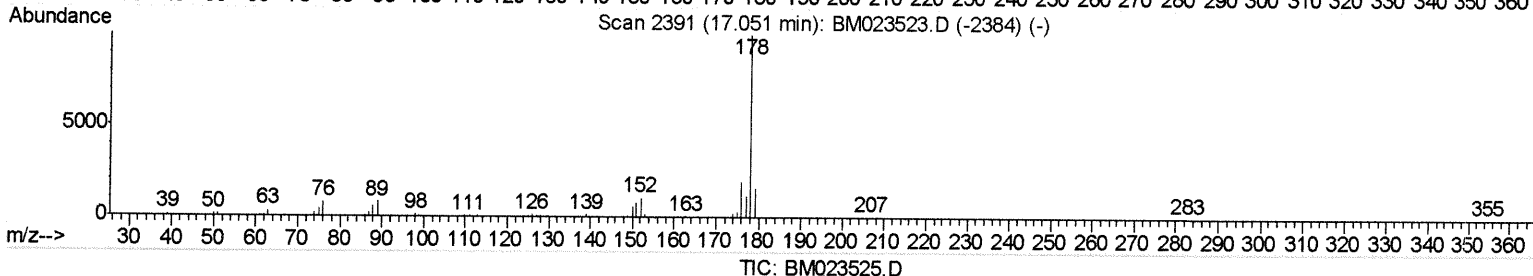
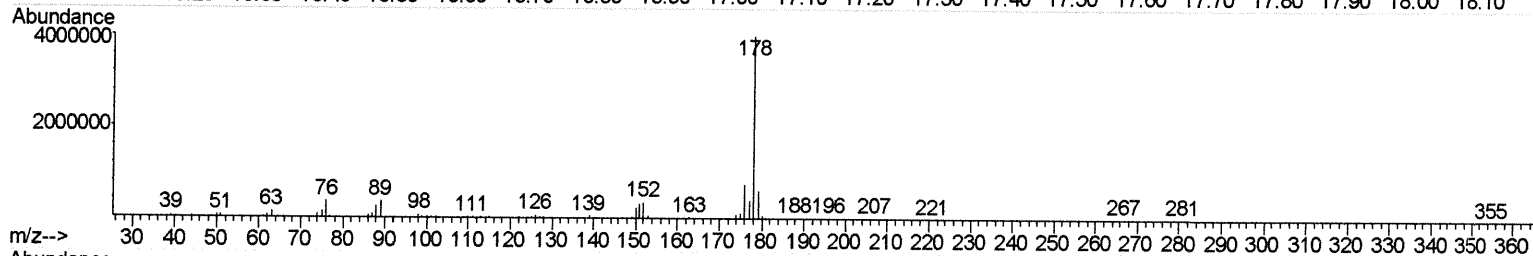
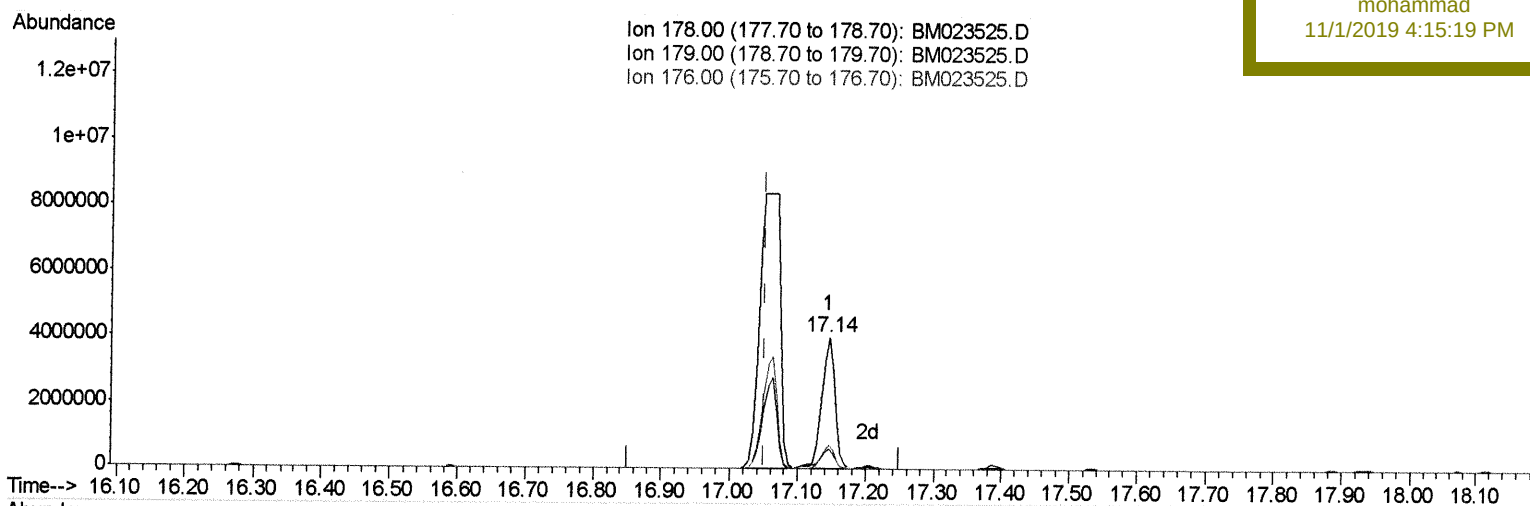
Data File : BM023525.D
Acq On : 31 Oct 2019 18:27
Operator : JU
Sample : K5395-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 07:15:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 07:12:43 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0003

Manual Integrations
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11/1/2019 4:15:19 PM



(70) Phenanthrene

17.145min (+0.094) 45.03ng/ul

response 5322128

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.40
176.00	18.60	18.36
0.00	0.00	0.00

Data File : BM023525.D
Acq On : 31 Oct 2019 18:27
Operator : JU
Sample : K5395-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0003

Quant Time: Nov 01 07:32:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 07:12:43 2019
Response via : Initial Calibration

Manual Integrations
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11/1/2019 4:15:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	407138	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1643186	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	991684	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2114805	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2219388	20.00	ng/ul	0.01
86) Perylene-d12	23.41	264	2669351	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	34378	4.01	ng/uL	0.00
5) Phenol-d5	6.79	99	662351	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.95	67	432683	21.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	543353	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	481480	17.34	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	265194	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	278998	20.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	515325	19.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	330419	10.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	1617491	21.48	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1913497	22.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	151062	11.58	ng/ul	0.00
58) Fluorene-d10	15.26	176	1429330	22.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	143240	10.88	ng/ul	0.00
71) Anthracene-d10	17.11	188	2202663	22.04	ng/ul	0.00
79) Pyrene-d10	19.42	212	2571971	21.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	3133378	23.04	ng/ul	0.02

Target Compounds

					Qvalue
6) Phenol	6.82	94	74461	2.115 ng/ul	95
45) Dimethylphthalate	13.73	163	704853	9.322 ng/ul	100
48) Acenaphthylene	13.98	152	2039956	22.812 ng/ul	99
50) Acenaphthene	14.32	153	227034	3.609 ng/ul	99
54) Dibenzofuran	14.66	168	469957	5.217 ng/ul	98
59) Fluorene	15.31	166	393257	5.354 ng/ul#	98
70) Phenanthrene	17.05	178	17629358m	149.168 ng/ul	> 99
72) Anthracene	17.14	178	5330020	44.512 ng/ul	99
75) Carbazole	17.41	167	2023448	20.045 ng/ul	99
77) Fluoranthene	19.07	202	24866113m	201.712 ng/ul	} JU 11/04/19
80) Pyrene	19.44	202	24344163m	155.335 ng/ul	
83) Benzo(a)anthracene	21.19	228	19625212m	132.217 ng/ul	
85) Chrysene	21.25	228	18489793m	135.004 ng/ul	
88) Benzo(b)fluoranthene	22.76	252	28272199m	164.909 ng/ul	
89) Benzo(k)fluoranthene	22.80	252	12275305m	76.251 ng/ul	} JU 11/04/19
91) Benzo(a)pyrene	23.32	252	22290279m	143.614 ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.64	276	22476987	133.747 ng/ul	97
93) Dibenzo(a,h)anthracene	25.63	278	5141141	36.281 ng/ul#	85
94) Benzo(g,h,i)perylene	26.31	276	20614629	150.769 ng/ul	98

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