

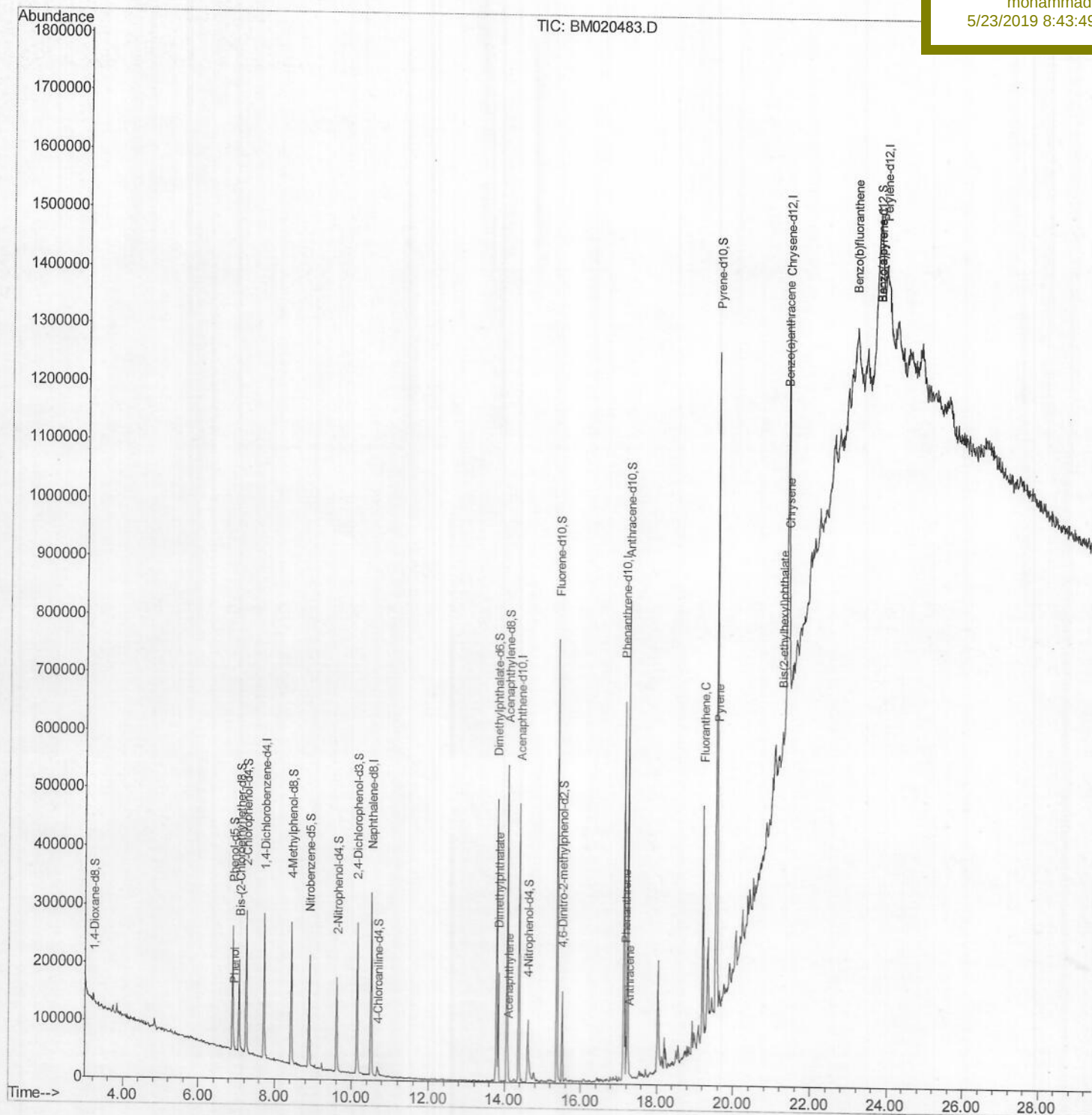
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
Data File : BM020483.D
Acq On : 22 May 2019 05:18
Operator : JU/SJ
Sample : K2923-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 22 12:04:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
A4256

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:49 AM



Quantitation Report (Qedit)

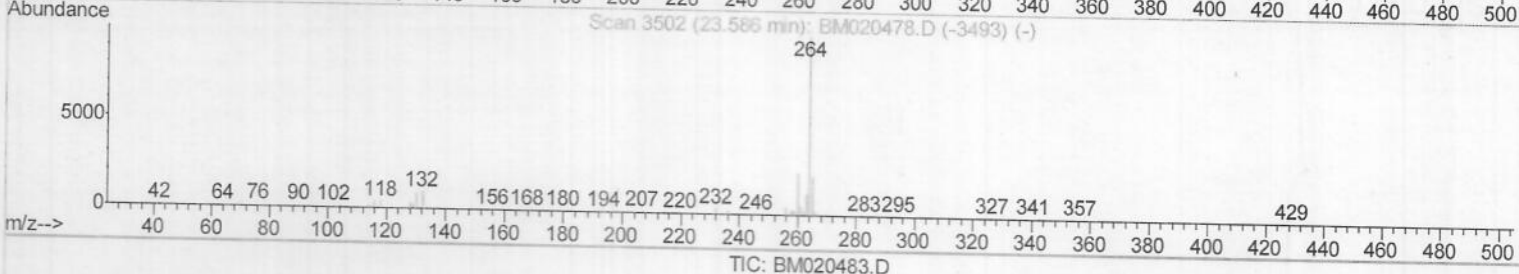
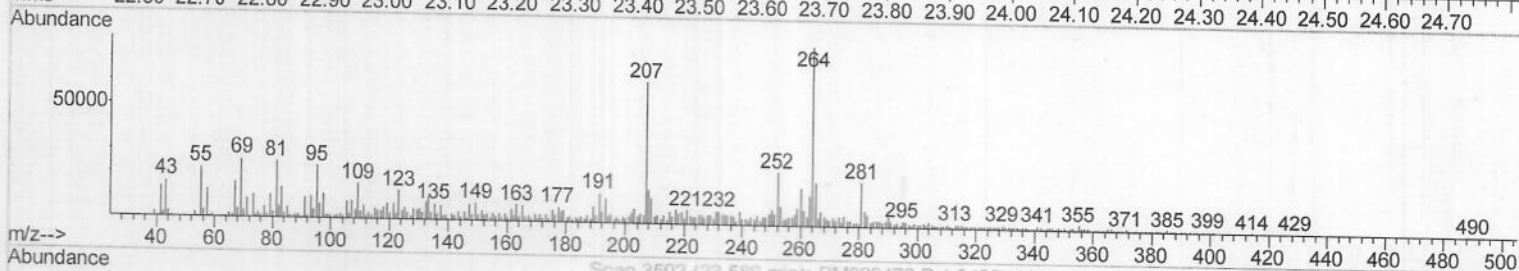
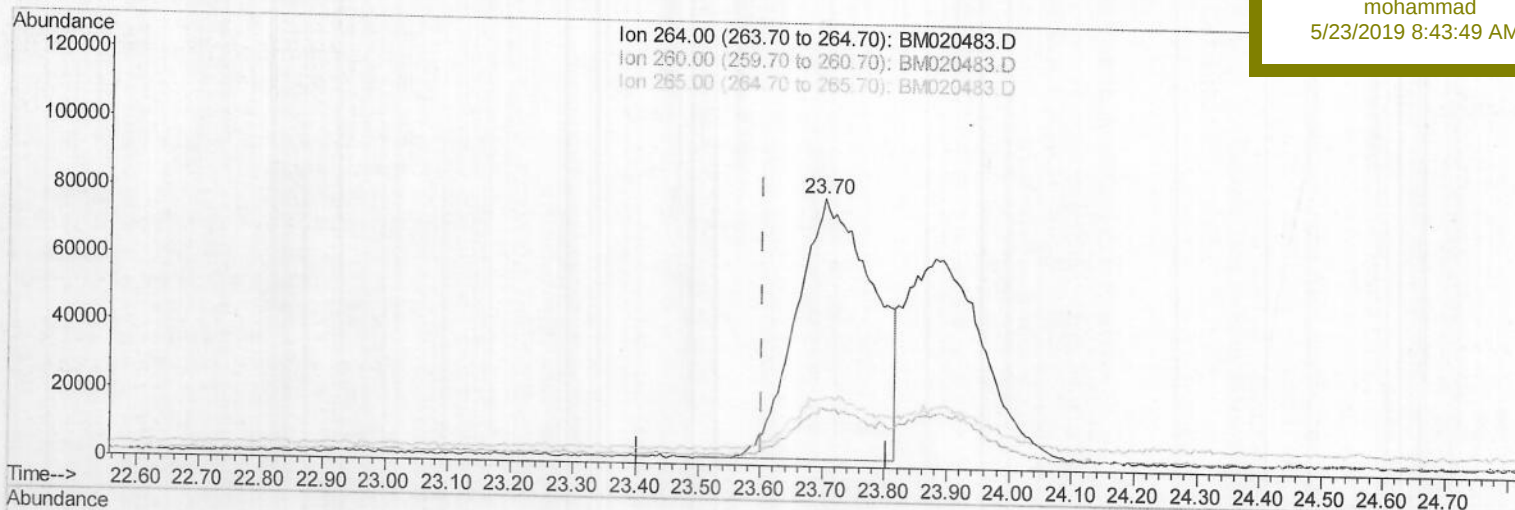
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
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 Acq On : 22 May 2019 05:18
 Operator : JU/SJ
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Quant Time: May 22 12:00:51 2019
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Manual Integrations
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(85) Perylene-d12 (I)

23.703min (+0.100) 20.00ng/ul

response 658379

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	21.35
265.00	21.90	25.14
0.00	0.00	0.00

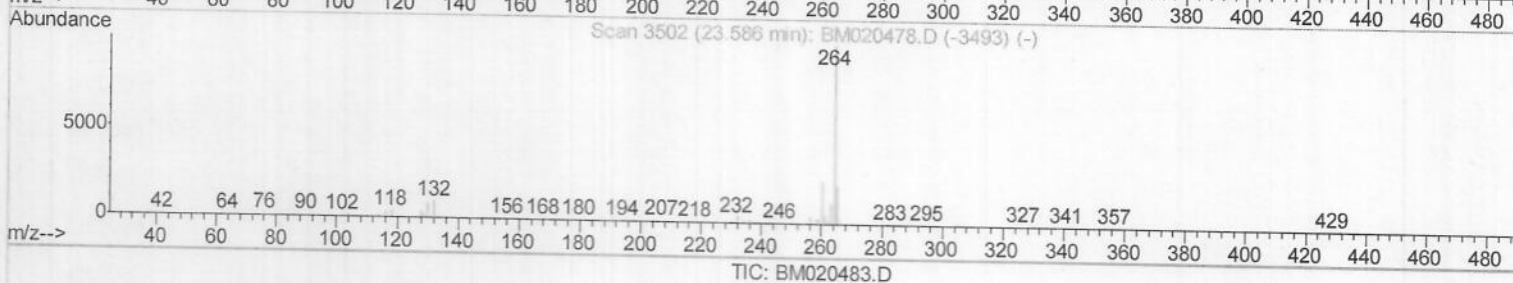
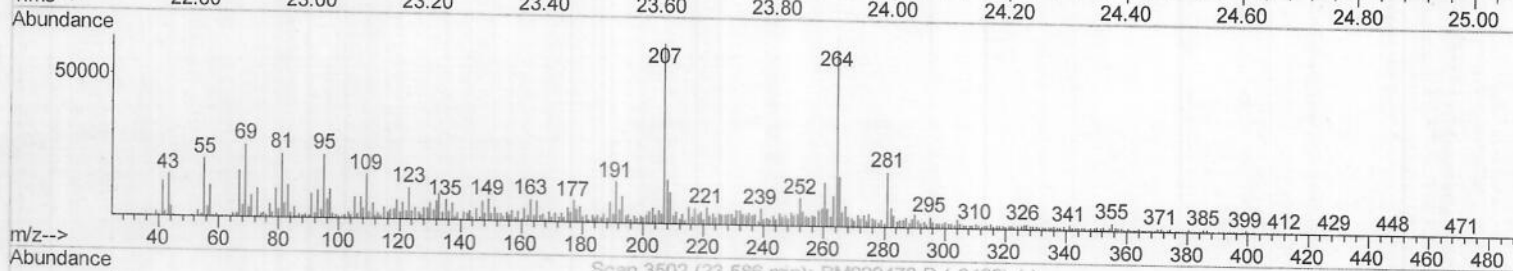
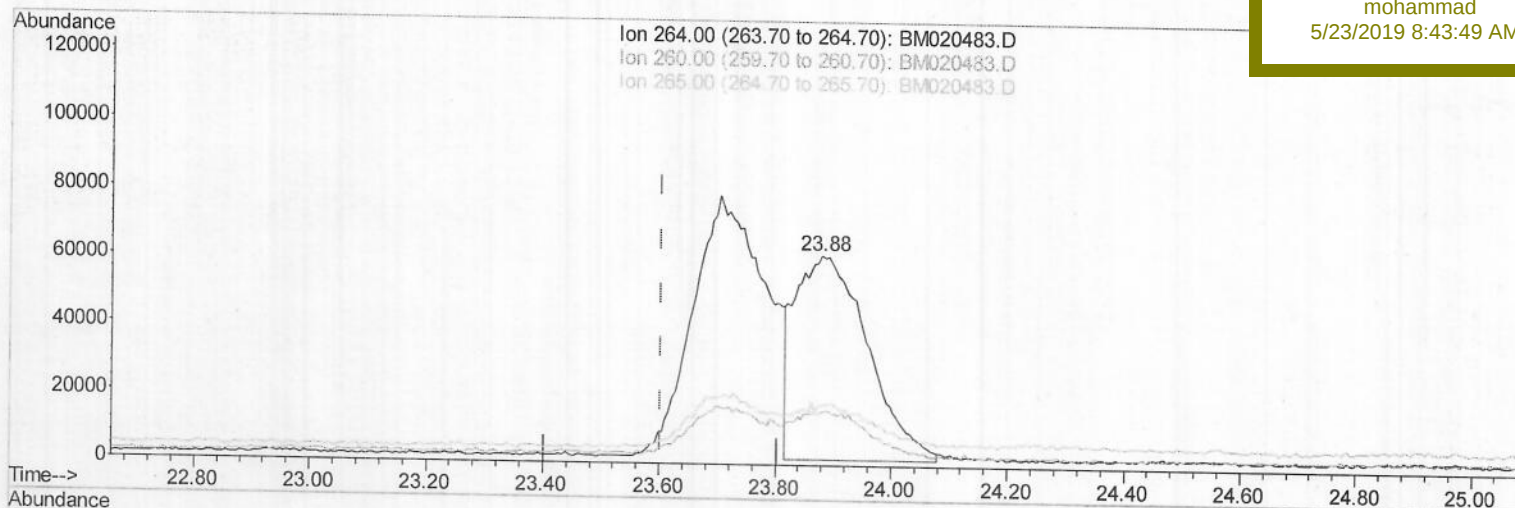
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Manual Integrations
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mohammad
5/23/2019 8:43:49 AM



(85) Perylene-d12 (I)

23.880min (+0.276) 20.00ng/ul m

JU05/24/19

response 528555

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	25.78
265.00	21.90	28.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

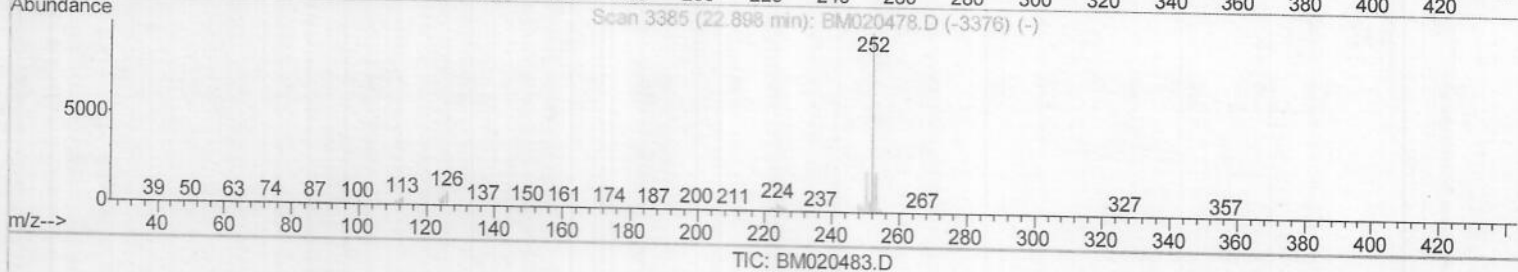
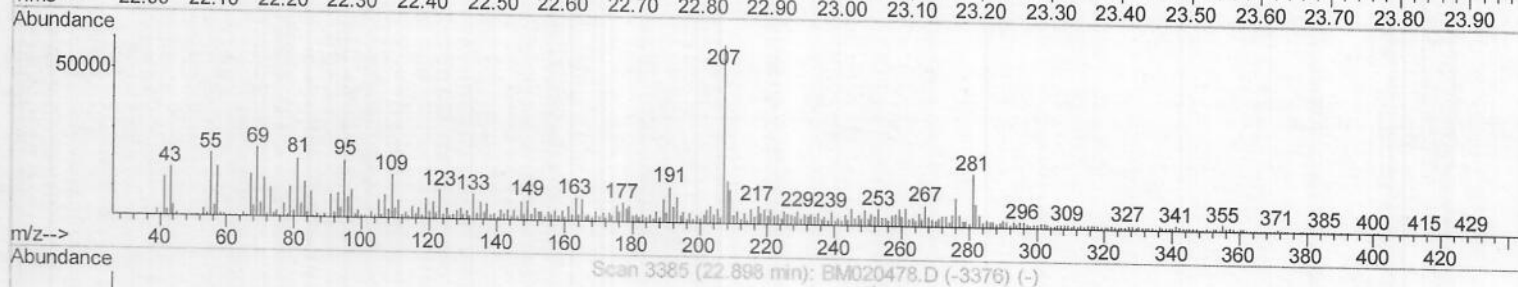
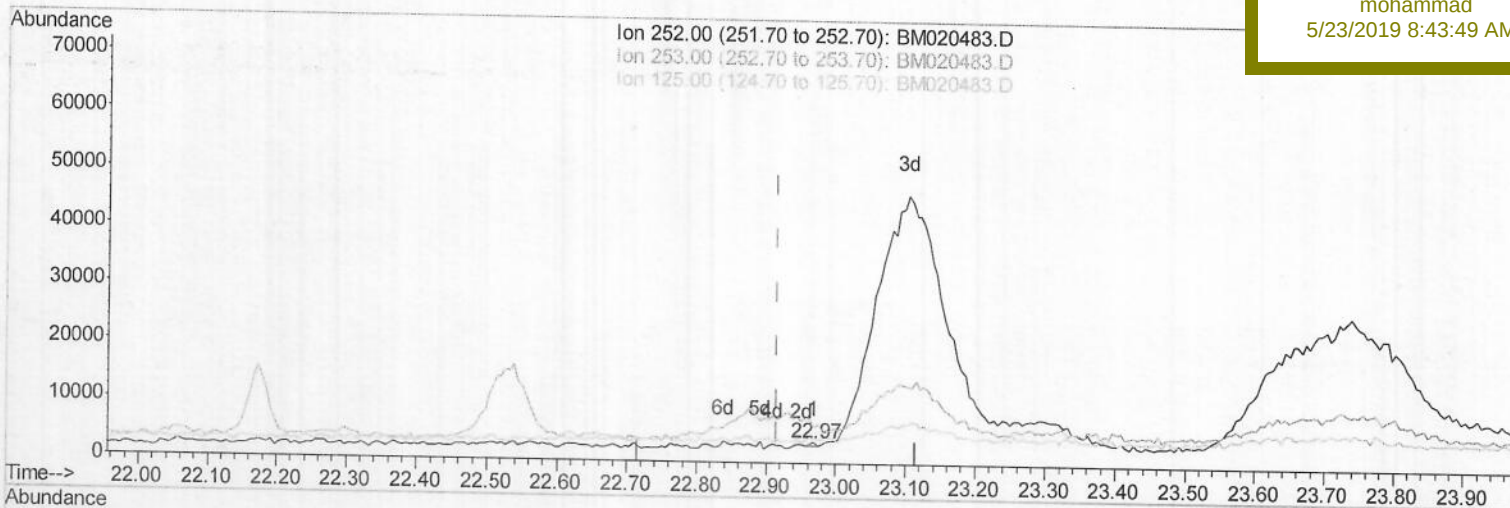
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020483.D
 Acq On : 22 May 2019 05:18
 Operator : JU/SJ
 Sample : K2923-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 22 12:02:11 2019
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Instrument :
 BNA_M
 Client Sampled :
 A4256

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:49 AM



(87) Benzo(b)fluoranthene
 22.968min (+0.053) 0.01ng/ul
 response 313

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	171.71#
125.00	6.20	117.69#
0.00	0.00	0.00

TIC: BM020483.D

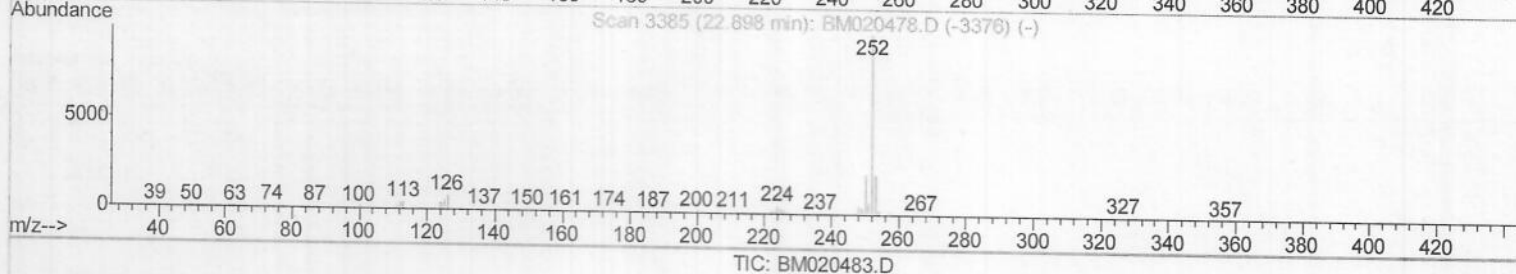
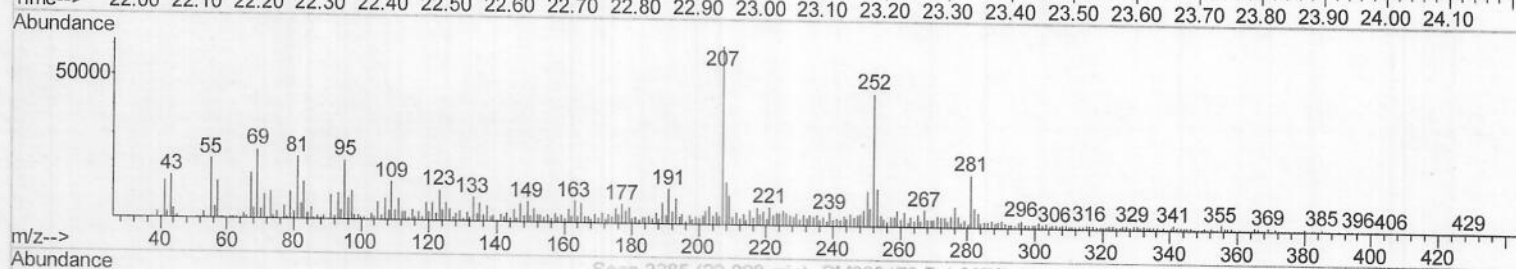
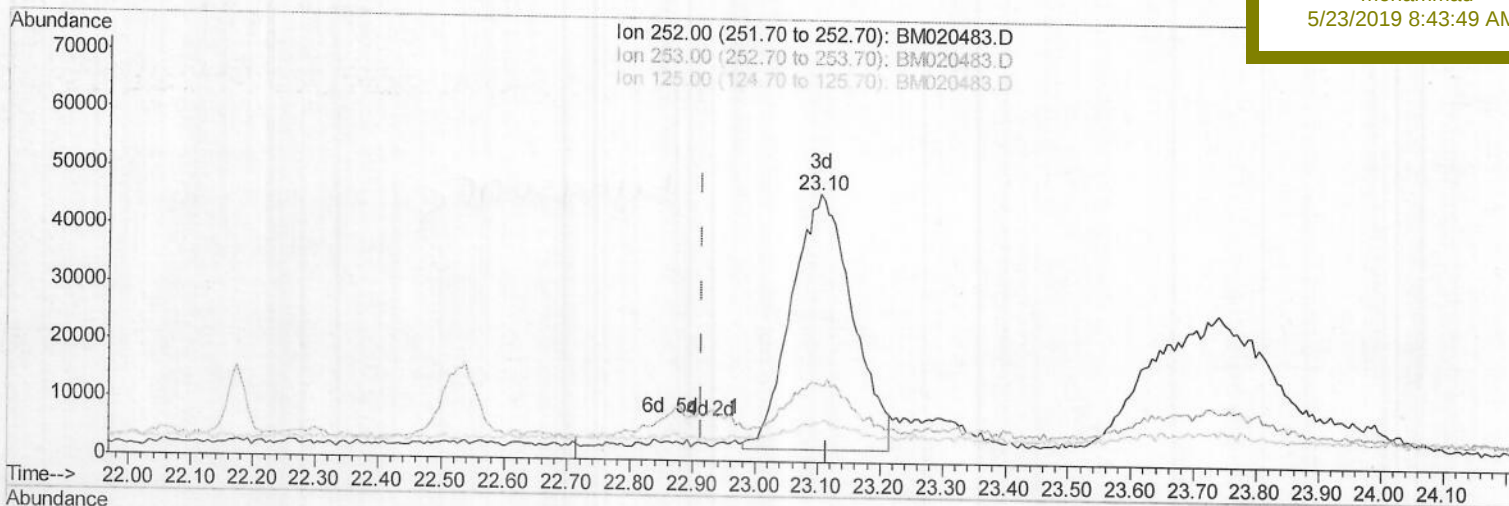
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
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 ALS Vial : 21 Sample Multiplier: 1

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Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:49 AM



(87) Benzo(b)fluoranthene

23.103min (+0.188) 10.09ng/ul m

) JU05/24/19

response 304258

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	28.48#
125.00	6.20	14.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

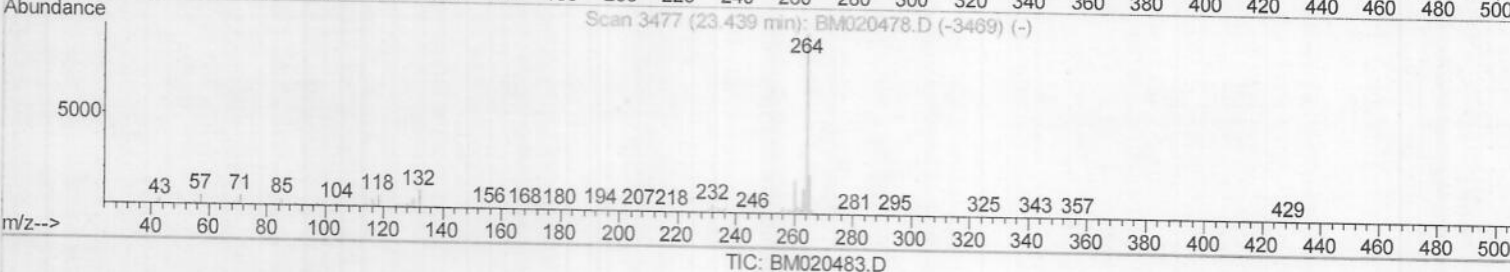
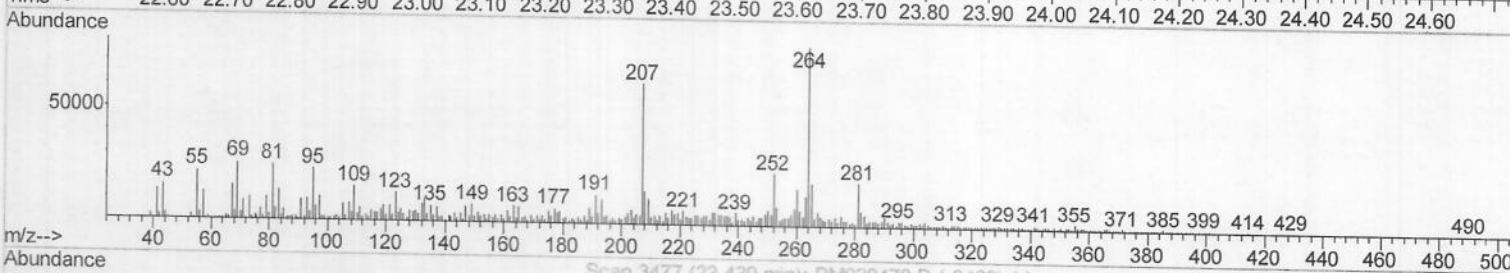
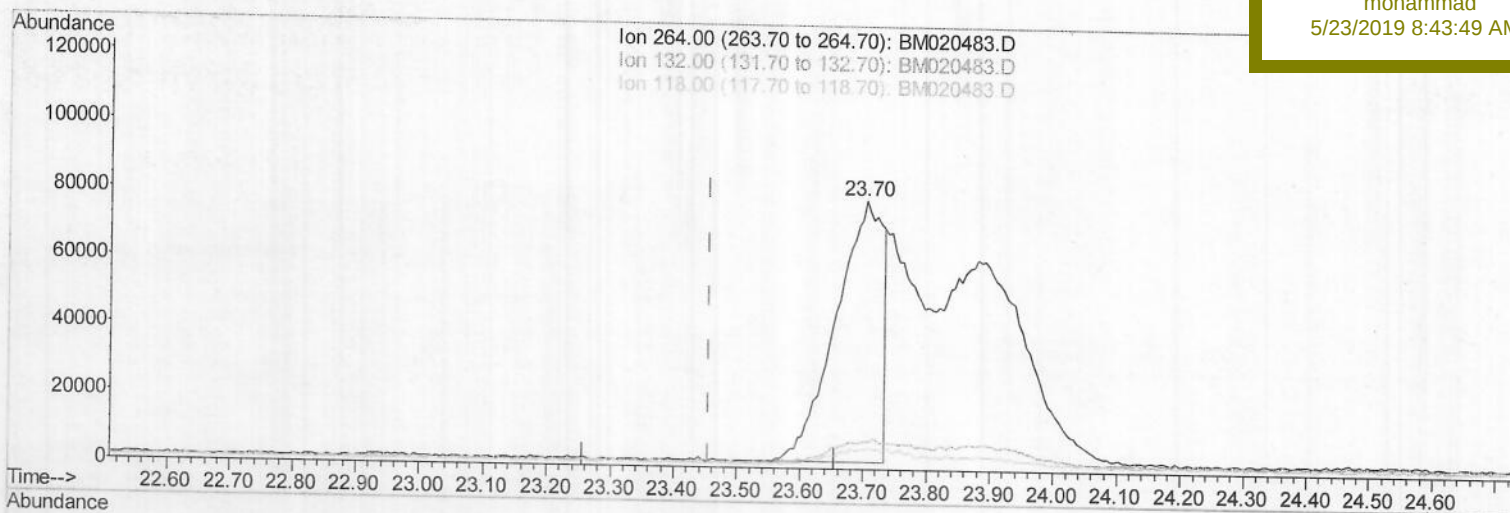
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020483.D
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 Sample : K2923-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 A4256

Manual Integrations
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mohammad
 5/23/2019 8:43:49 AM



(89) Benzo(a)pyrene-d12 (S)

23.703min (+0.247) 16.39ng/ul

response 393640

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	10.56
118.00	6.70	7.42
0.00	0.00	0.00

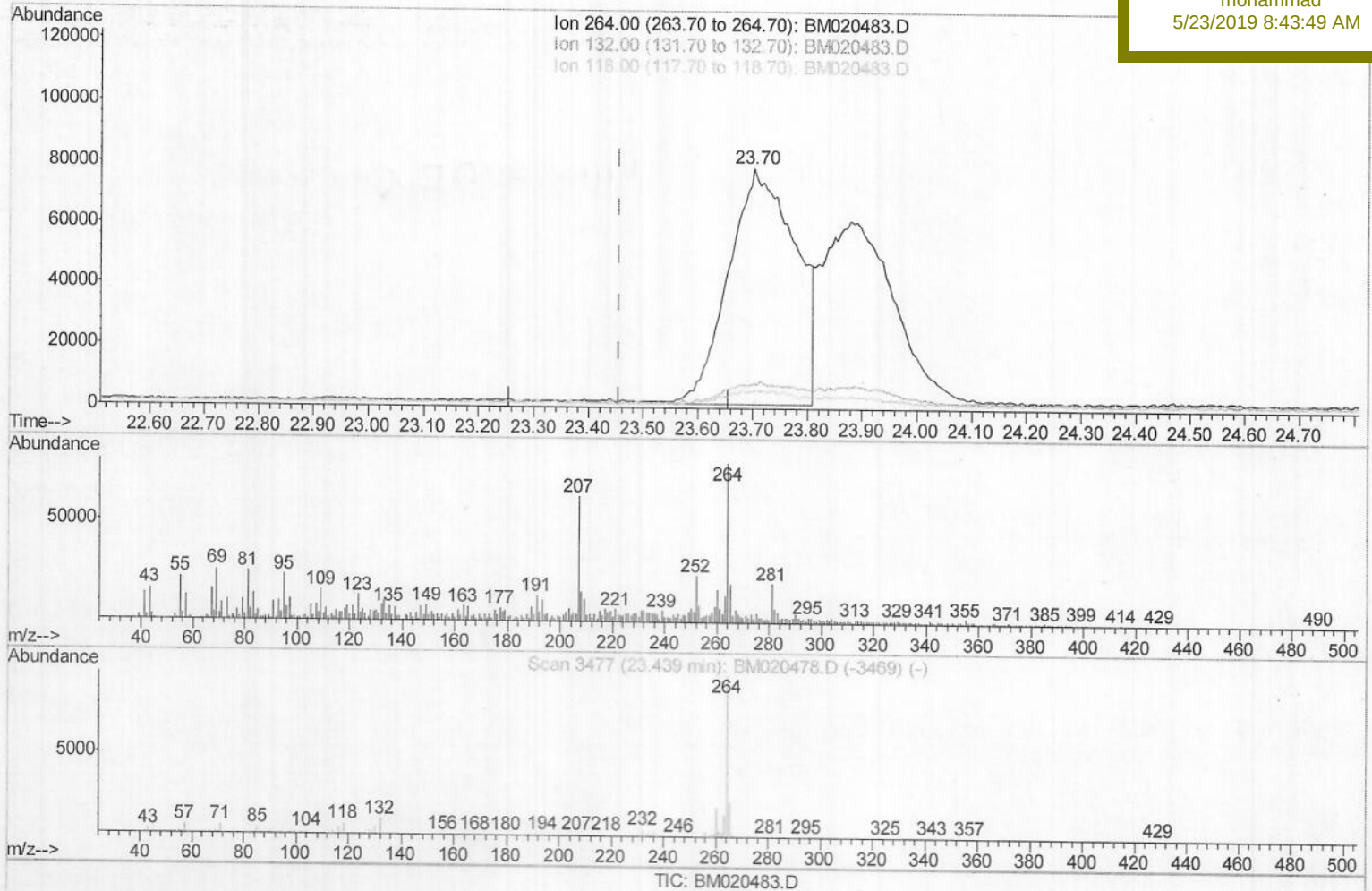
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 Data File : BM020483.D
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 Sample : K2923-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 22 12:02:11 2019
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 A4256

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:49 AM



(89) Benzo(a)pyrene-d12 (S)

23.703min (+0.247) 27.24ng/ul m

JU05/24/19

response 654185

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	10.56
118.00	6.70	7.42
0.00	0.00	0.00

Quantitation Report (Qedit)

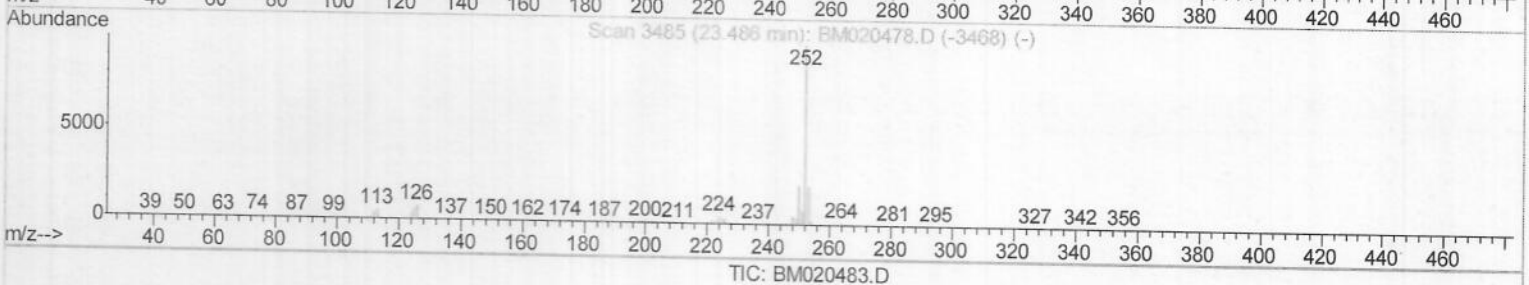
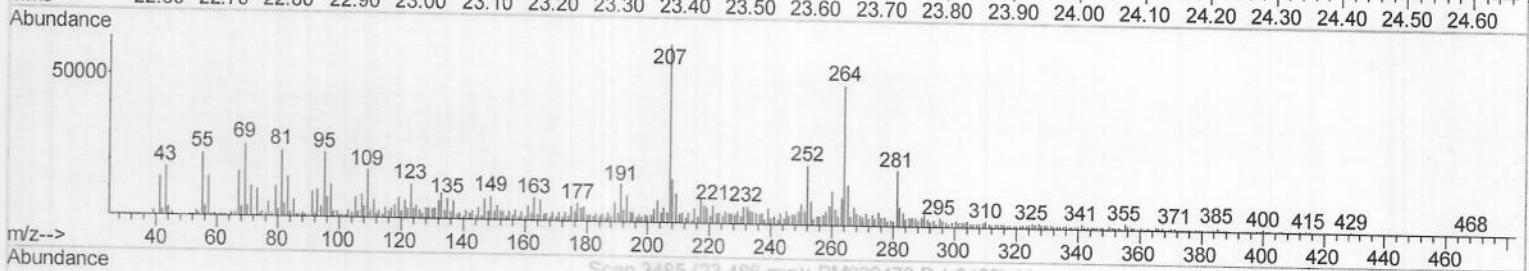
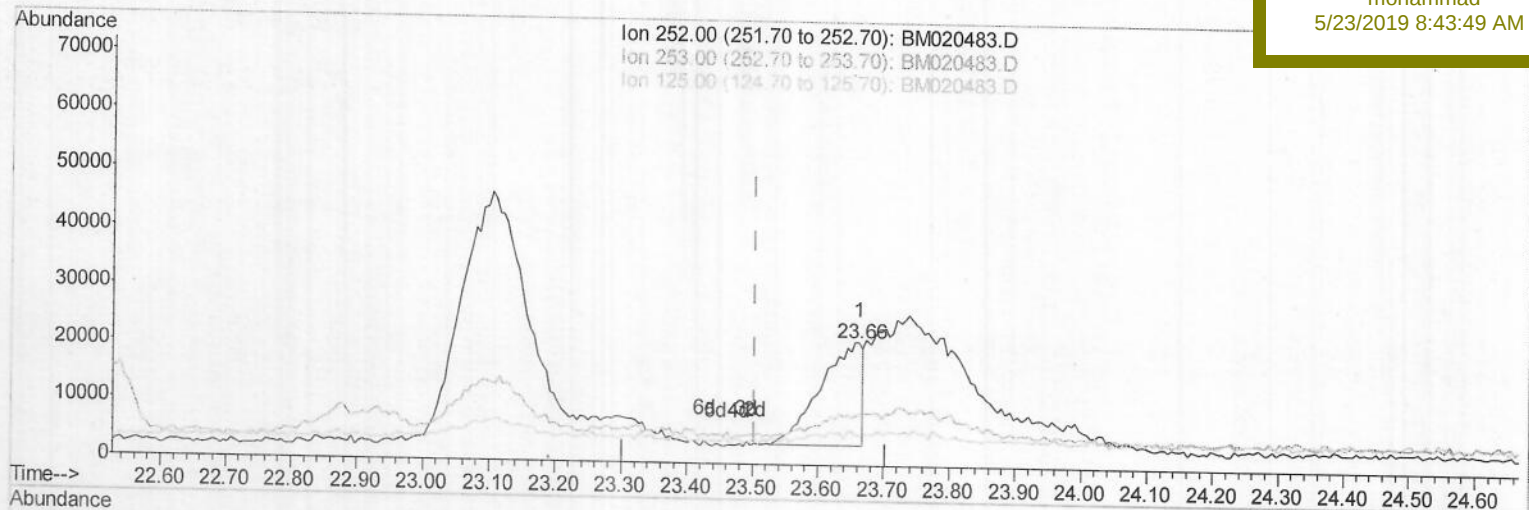
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:49 AM



(90) Benzo(a)pyrene (C)
 23.662min (+0.159) 2.76ng/ul
 response 78214

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	40.43#
125.00	6.80	23.65#
0.00	0.00	0.00

TIC: BM020483.D

Quantitation Report (Qedit)

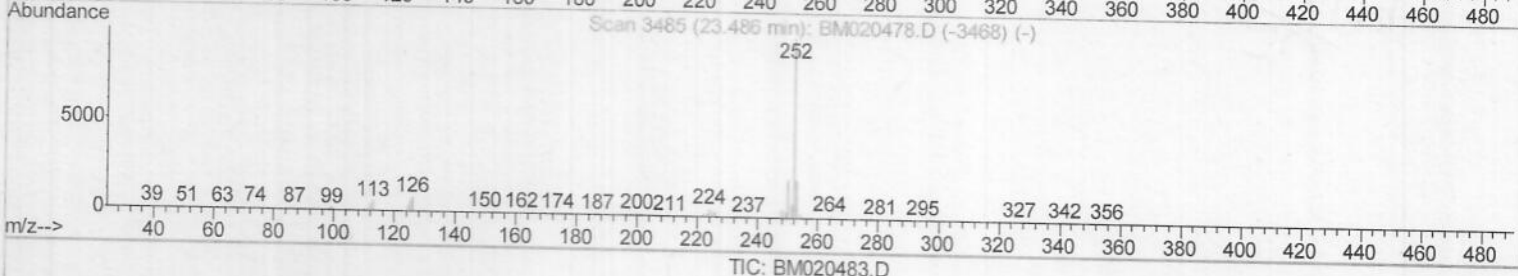
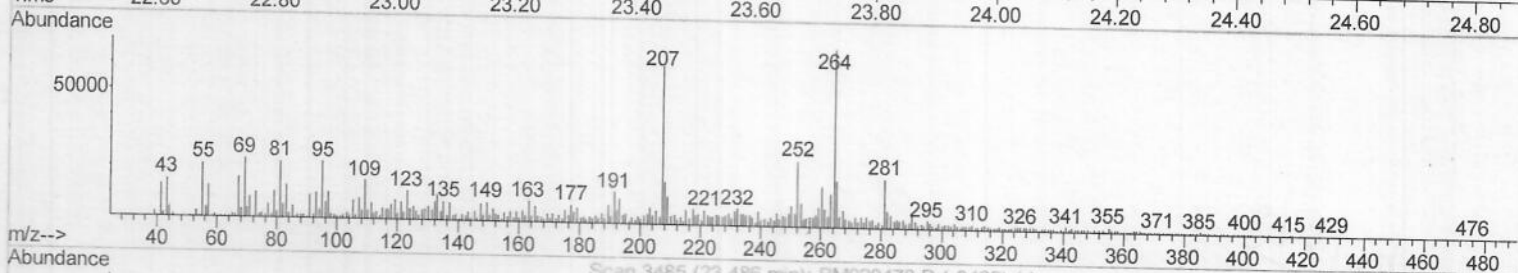
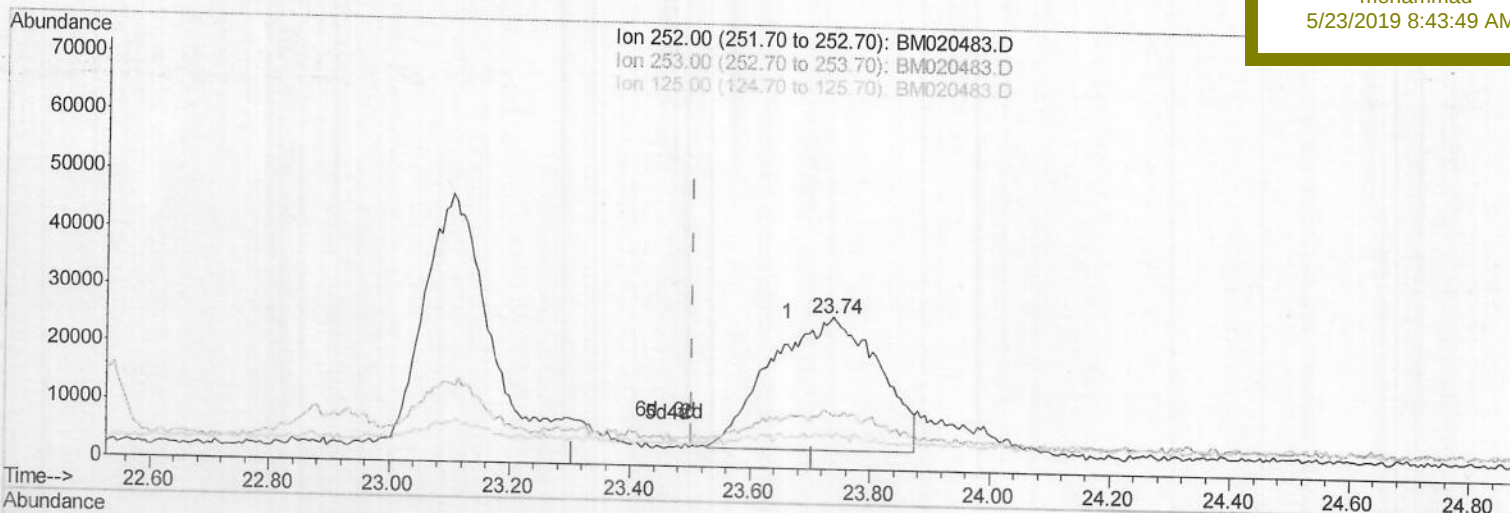
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 Data File : BM020483.D
 Acq On : 22 May 2019 05:18
 Operator : JU/SJ
 Sample : K2923-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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Instrument :
 BNA_M
 Client Sampled :
 A4256

Manual Integrations
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 5/23/2019 8:43:49 AM



(90) Benzo(a)pyrene (C)

23.738min (+0.235) 10.15ng/ul m)JU05/24/19

response 288215

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	35.20#
125.00	6.80	20.57#
0.00	0.00	0.00

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Manual Integrations
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 5/23/2019 8:43:49 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	66772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	248323	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	153545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	386194	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	428700	20.00	ng/ul	0.00
85) Perylene-d12	23.88	264	528555m	20.00	ng/ul	0.03
						0.28

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	7988	4.41	ng/uL	0.00
5) Phenol-d5	6.89	99	134746	25.30	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.06	67	81669	24.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	104248	26.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	96009	24.75	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	43495	26.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	48947	27.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	104446	27.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	14364	3.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	311137	28.16	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	388489	28.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	29250	18.23	ng/ul	0.00
57) Fluorene-d10	15.37	176	284996	29.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	33634	15.29	ng/ul	0.00
70) Anthracene-d10	17.23	188	471713	28.48	ng/ul	0.00
78) Pyrene-d10	19.53	212	581134	28.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.70	264	654185m	27.24	ng/ul	0.25

Target Compounds

					Qvalue	
6) Phenol	6.92	94	8409	1.501	ng/ul	92
44) Dimethylphthalate	13.83	163	113484	10.384	ng/ul	98
47) Acenaphthylene	14.10	152	14848	1.139	ng/ul	98
69) Phenanthrene	17.17	178	90426	4.914	ng/ul	100
71) Anthracene	17.26	178	25595	1.367	ng/ul	98
76) Fluoranthene	19.20	202	247079	10.630	ng/ul	98
79) Pyrene	19.56	202	249153	9.683	ng/ul	98
82) Benzo(a)anthracene	21.34	228	152869	5.925	ng/ul#	91
83) Bis(2-ethylhexyl)phthalate	21.24	149	12205	1.042	ng/ul#	81
84) Chrysene	21.39	228	144457	5.858	ng/ul#	92
87) Benzo(b)fluoranthene	23.10	252	304258m	10.086	ng/ul	
90) Benzo(a)pyrene	23.74	252	288215m	10.152	ng/ul	

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

JU05/24/19