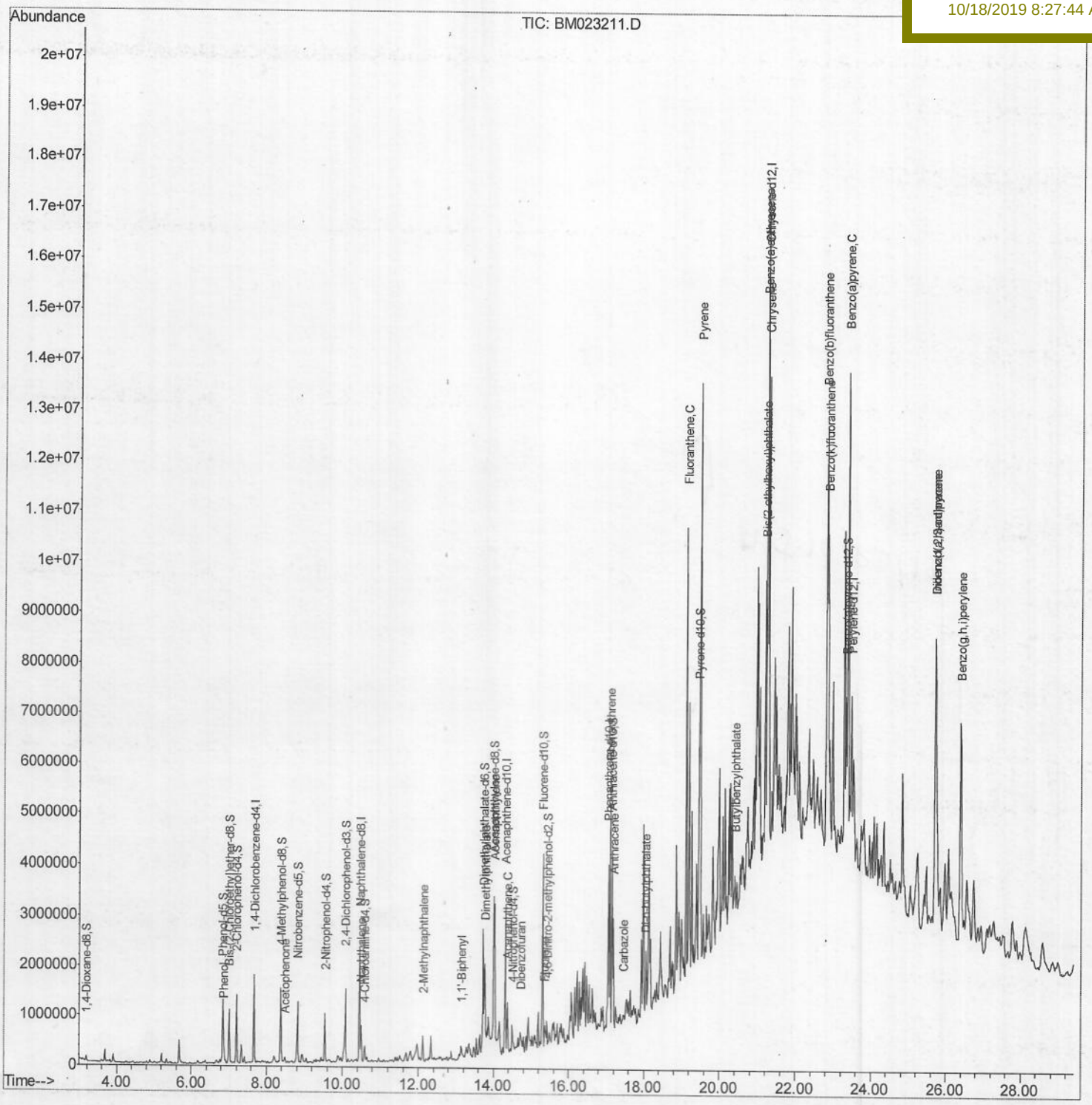
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023211.D
Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 17 15:52:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB76

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:44 AM



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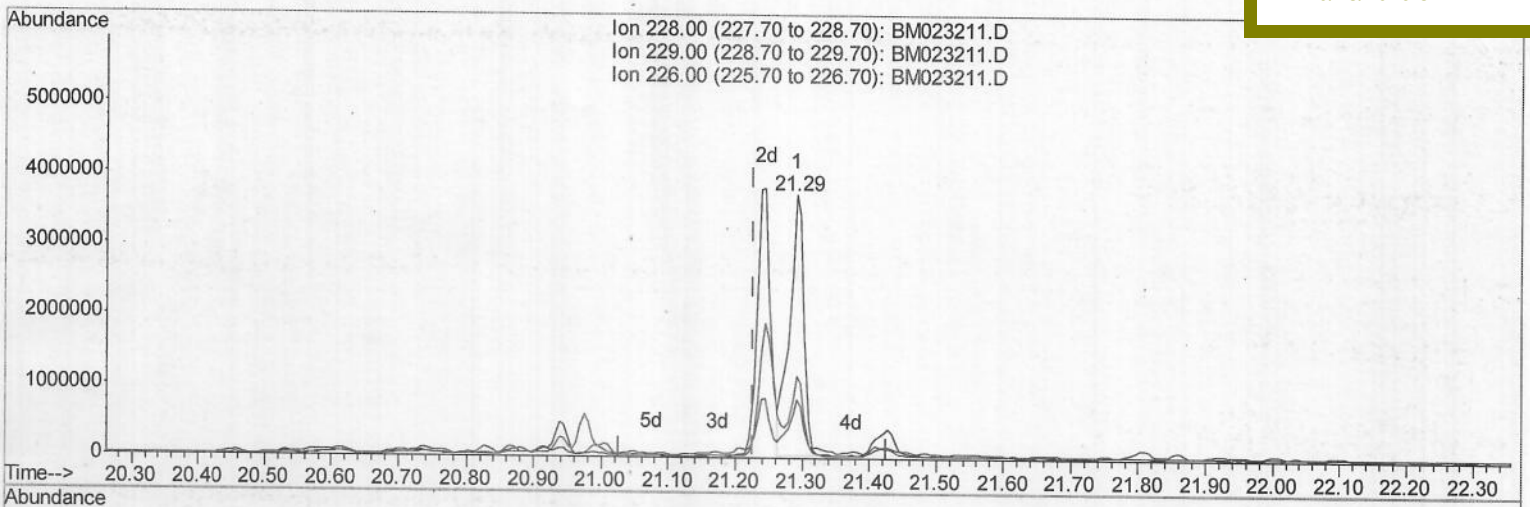

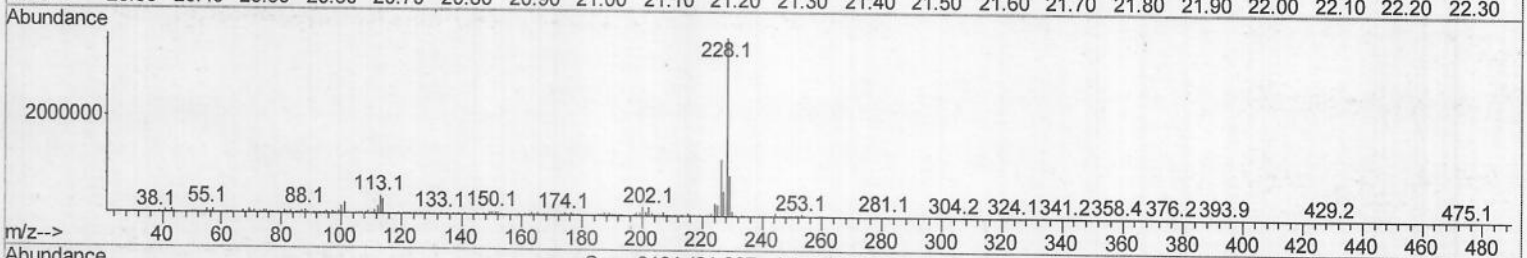

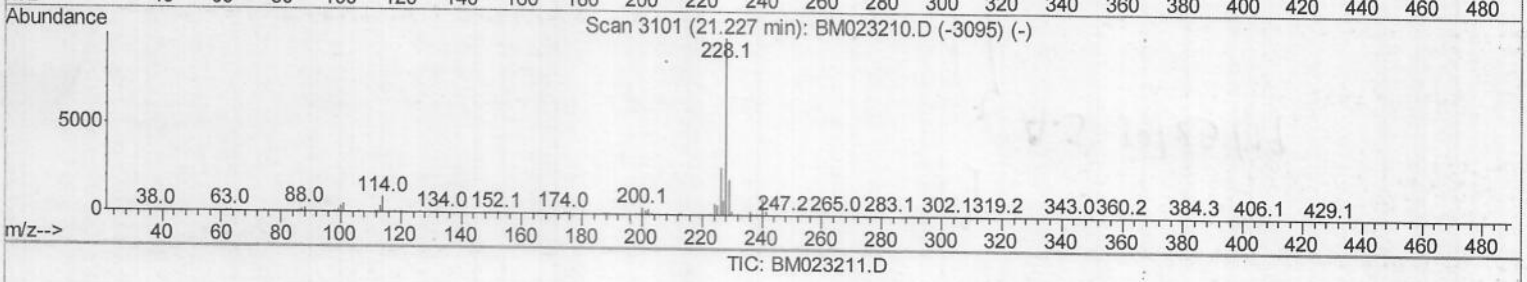

TIC: BM023211.D

(83) Benzo(a)anthracene

21.292min (+0.065) 42.45ng/ul

response 5511967

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.61
226.00	27.00	31.24
0.00	0.00	0.00

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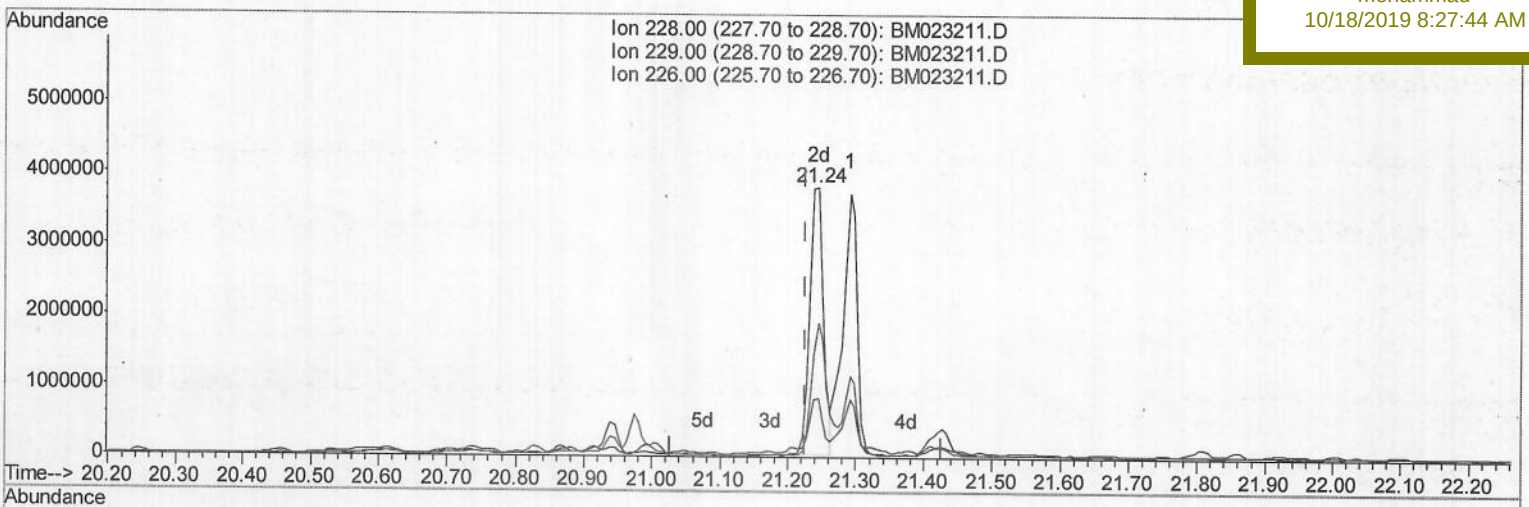

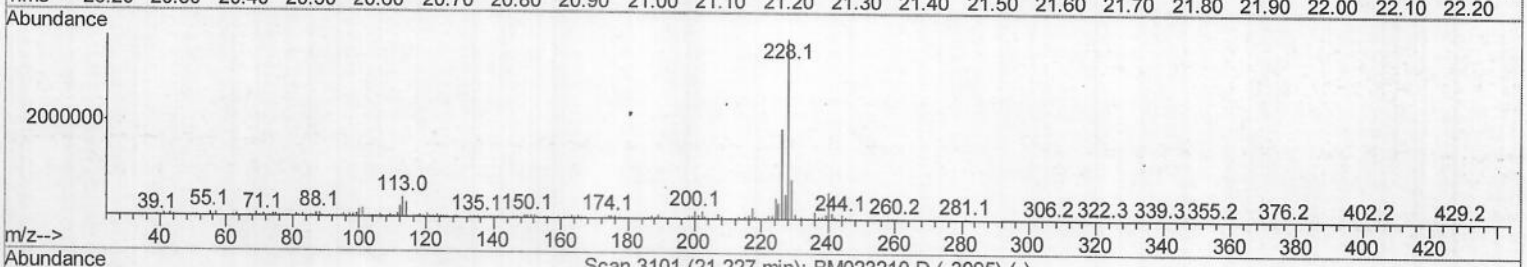

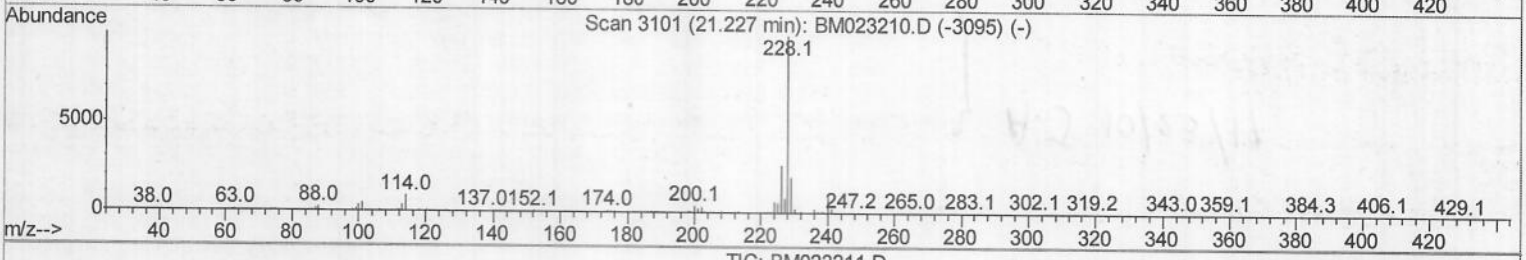

TIC: BM023211.D

(83) Benzo(a)anthracene

21.244min (+0.018) 40.94ng/ul m JU 10/23/19

response 5315991

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.27
226.00	27.00	50.10#
0.00	0.00	0.00

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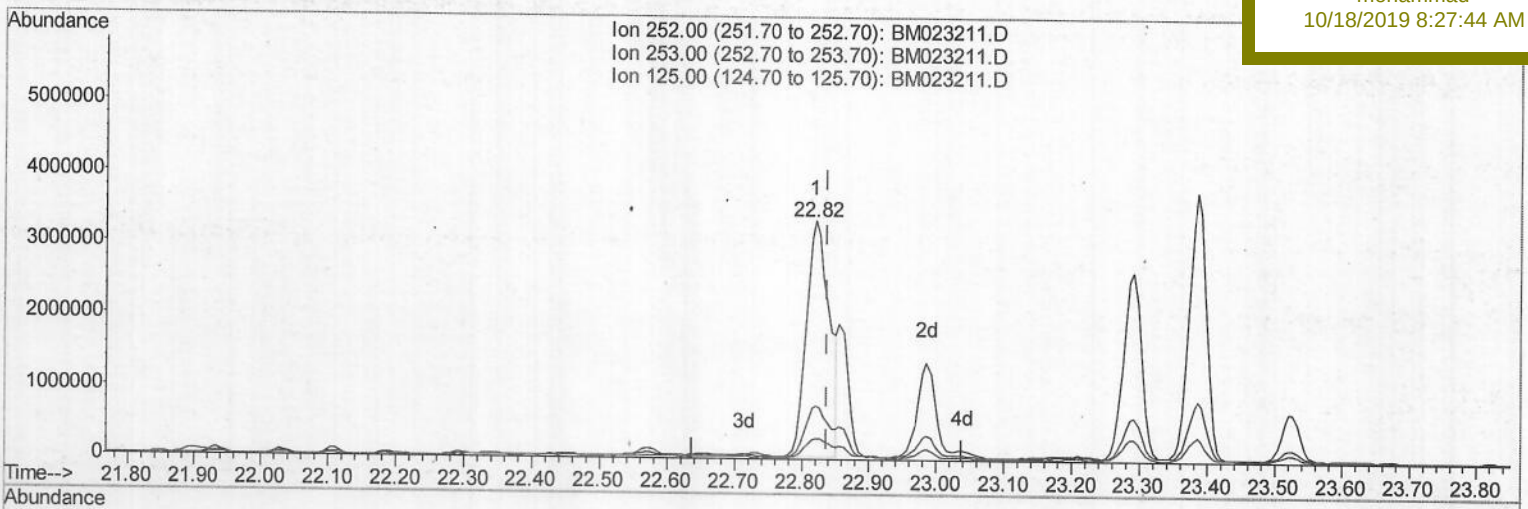

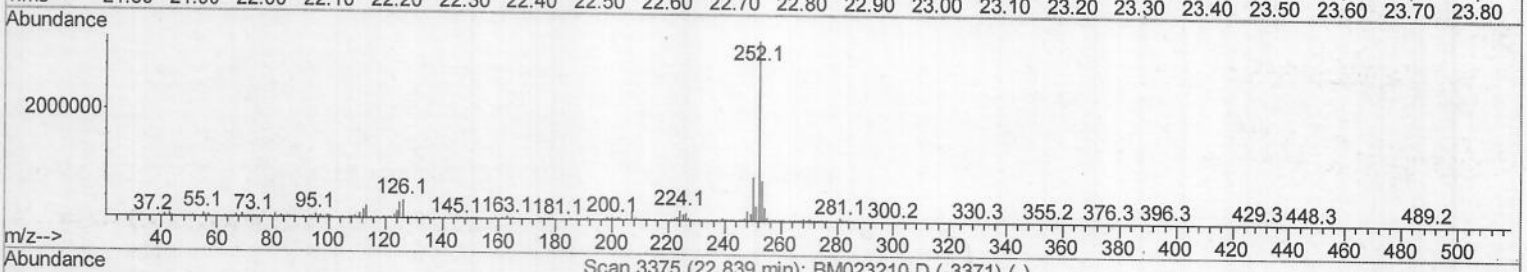

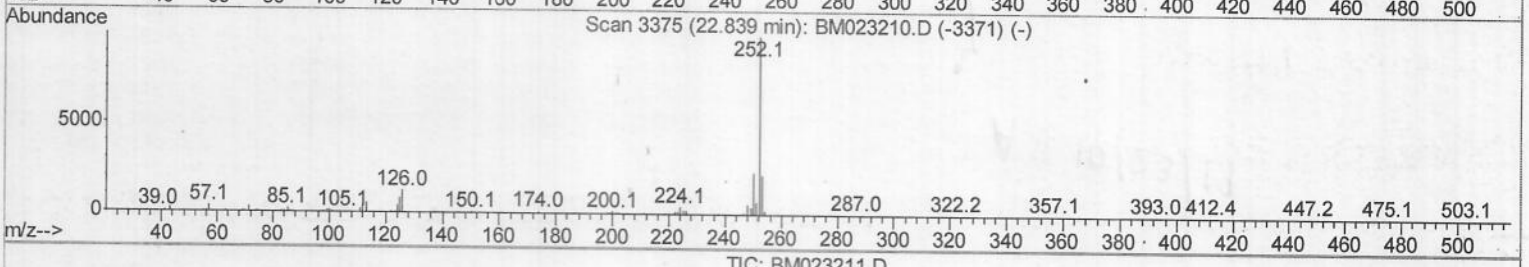

TIC: BM023211.D

(89) Benzo(k)fluoranthene

22.821min (-0.018) 58.56ng/ul

response 7967001

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.86
125.00	8.10	8.90
0.00	0.00	0.00

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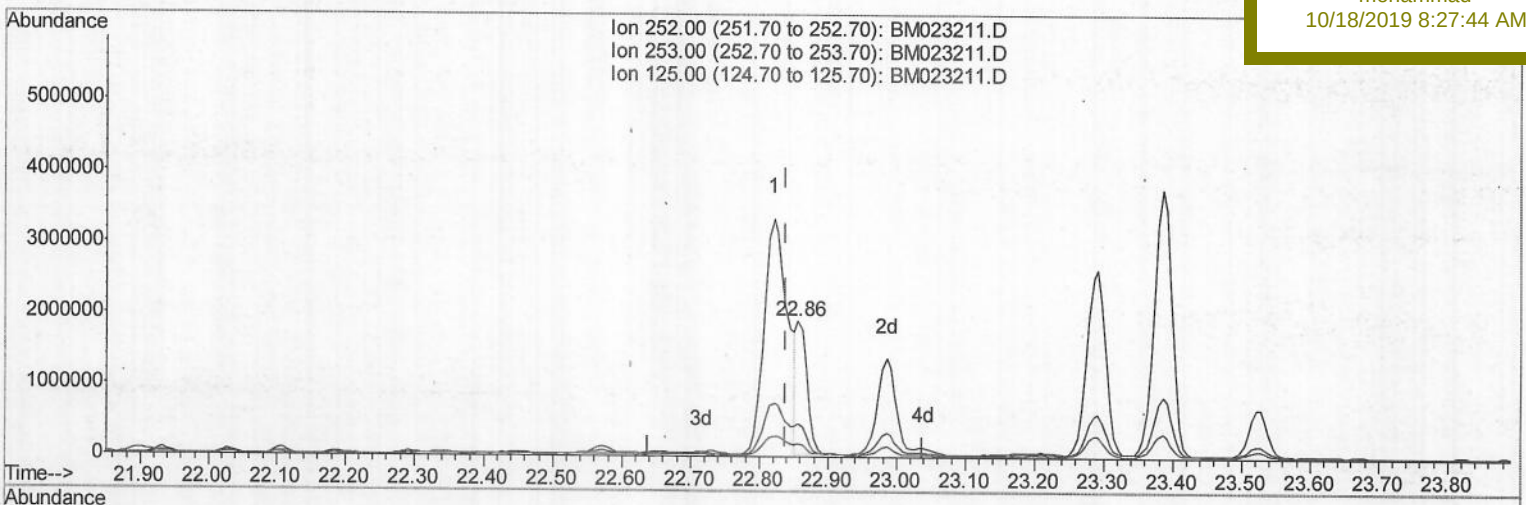

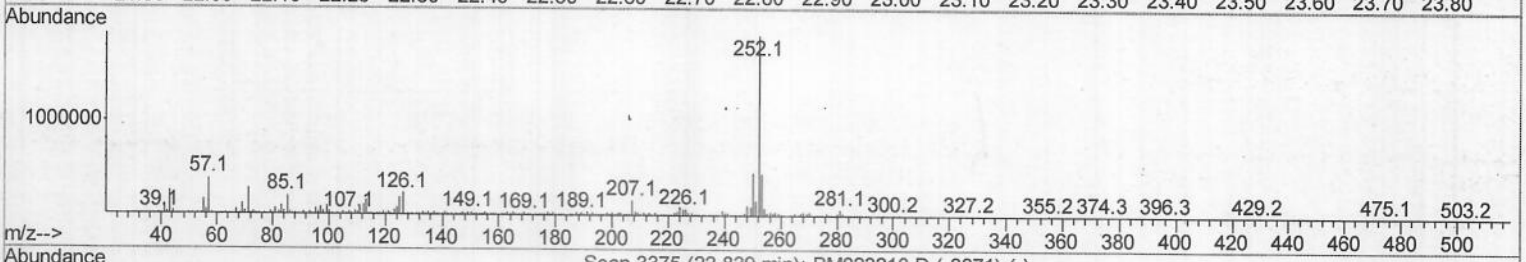

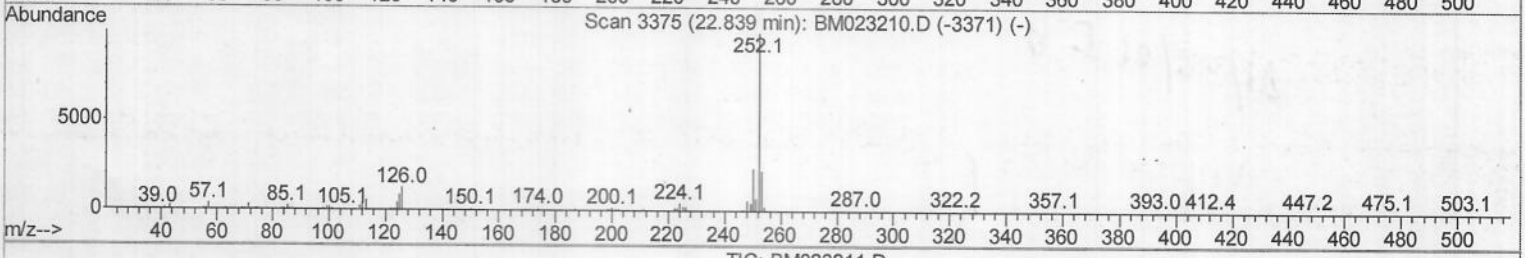

TIC: BM023211.D

(89) Benzo(k)fluoranthene

22.856min (+0.018) 14.93ng/ul m JU 10/23/19

response 2031187

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.63
125.00	8.10	9.64
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	467238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1782516	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	989130	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1823901	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	1916308	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	2336967	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	42540	4.01	ng/uL	0.01
5) Phenol-d5	6.84	99	668764	16.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	465043	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	599934	19.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	548256	16.77	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	292955	24.29	ng/ul	0.01
22) 2-Nitrophenol-d4	9.53	143	312671	27.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	538362	18.44	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	180576	5.08	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	1576967	20.80	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1892264	21.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	129000	10.51	ng/ul	0.00
58) Fluorene-d10	15.31	176	1312096	20.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	90639	12.53	ng/ul	0.01
71) Anthracene-d10	17.16	188	1915979	21.79	ng/ul	0.00
79) Pyrene-d10	19.46	212	2037619	21.96	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.34	264	2520791	21.28	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.87	94	186666	4.448	ng/ul	98
14) Acetophenone	8.49	105	61282	1.203	ng/ul	93
28) Naphthalene	10.50	128	571998	6.208	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	216390	3.156	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	102204	1.358	ng/ul	94
45) Dimethylphthalate	13.77	163	515498	6.795	ng/ul	100
48) Acenaphthylene	14.03	152	1824883	20.076	ng/ul	99
50) Acenaphthene	14.37	153	297022	4.693	ng/ul	99
54) Dibenzofuran	14.71	168	102181	1.137	ng/ul	89
59) Fluorene	15.36	166	306859	4.162	ng/ul#	92
70) Phenanthrene	17.10	178	2661728	26.004	ng/ul	99
72) Anthracene	17.19	178	1394298	13.182	ng/ul	99
75) Carbazole	17.46	167	120121	1.271	ng/ul#	90
76) Di-n-butylphthalate	18.04	149	218058	1.939	ng/ul#	93
77) Fluoranthene	19.12	202	5371063	44.121	ng/ul	99
80) Pyrene	19.49	202	6981768	58.158	ng/ul	100
81) Butylbenzylphthalate	20.41	149	207410	4.968	ng/ul#	95
83) Benzo(a)anthracene	21.24	228	5315991m	40.941	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.20	149	1934861	29.143	ng/ul	98
85) Chrysene	21.29	228	5510092	45.702	ng/ul	95
88) Benzo(b)fluoranthene	22.82	252	7967001	56.228	ng/ul	98
89) Benzo(k)fluoranthene	22.86	252	2031187m	14.929	ng/ul	
91) Benzo(a)pyrene	23.39	252	6747948	49.639	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.71	276	5100641	31.540 ng/ul	98
93) Dibenzo(a,h)anthracene	25.71	278	1608205	11.894 ng/ul	93
94) Benzo(g,h,i)perylene	26.39	276	4683437	35.174 ng/ul	99

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

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