Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

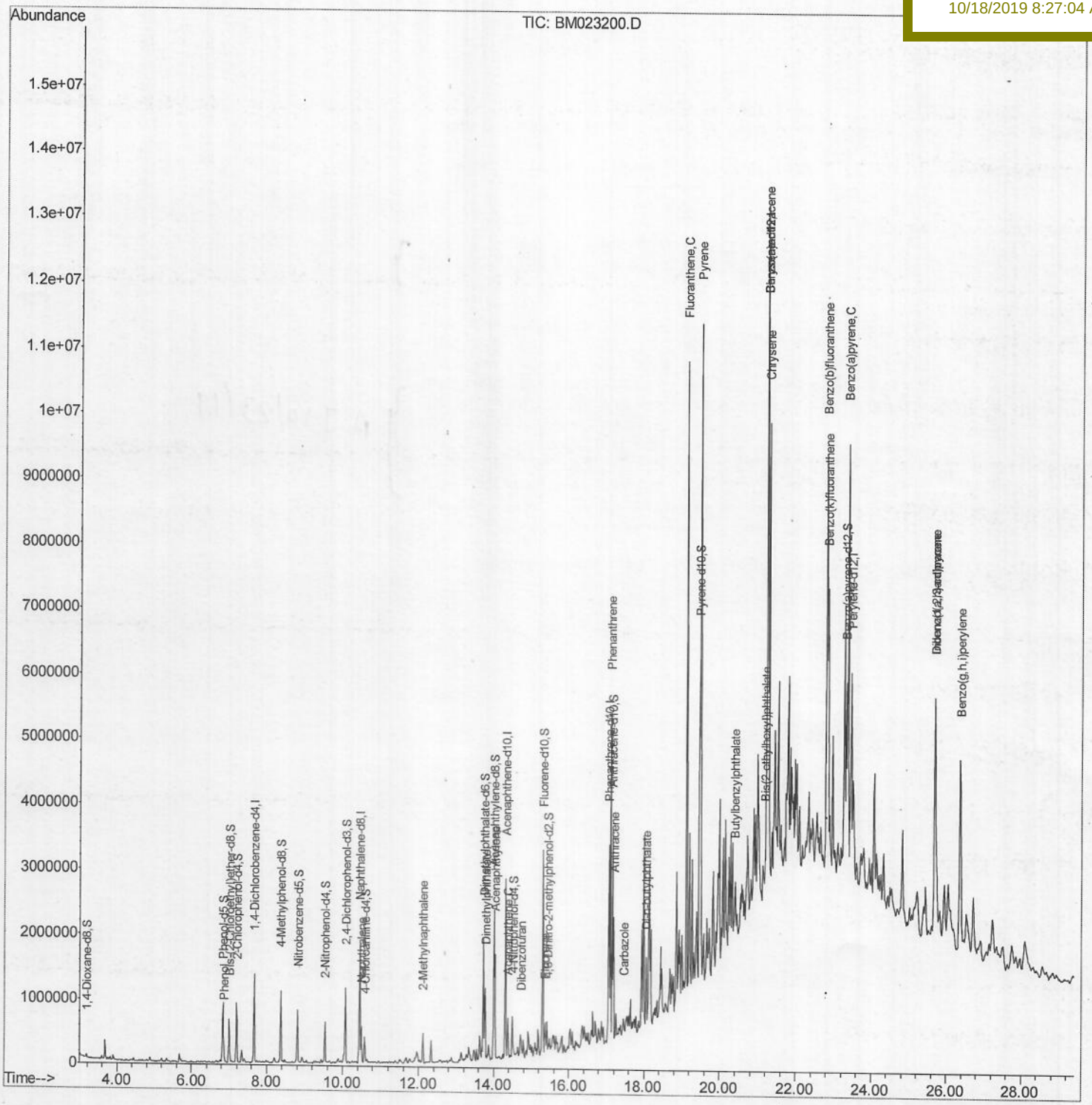
Quantitation Report (QT Reviewed)

Data File : BM023200.D
Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 17 05:42:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB68

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:04 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

Quantitation Report (Qedit)

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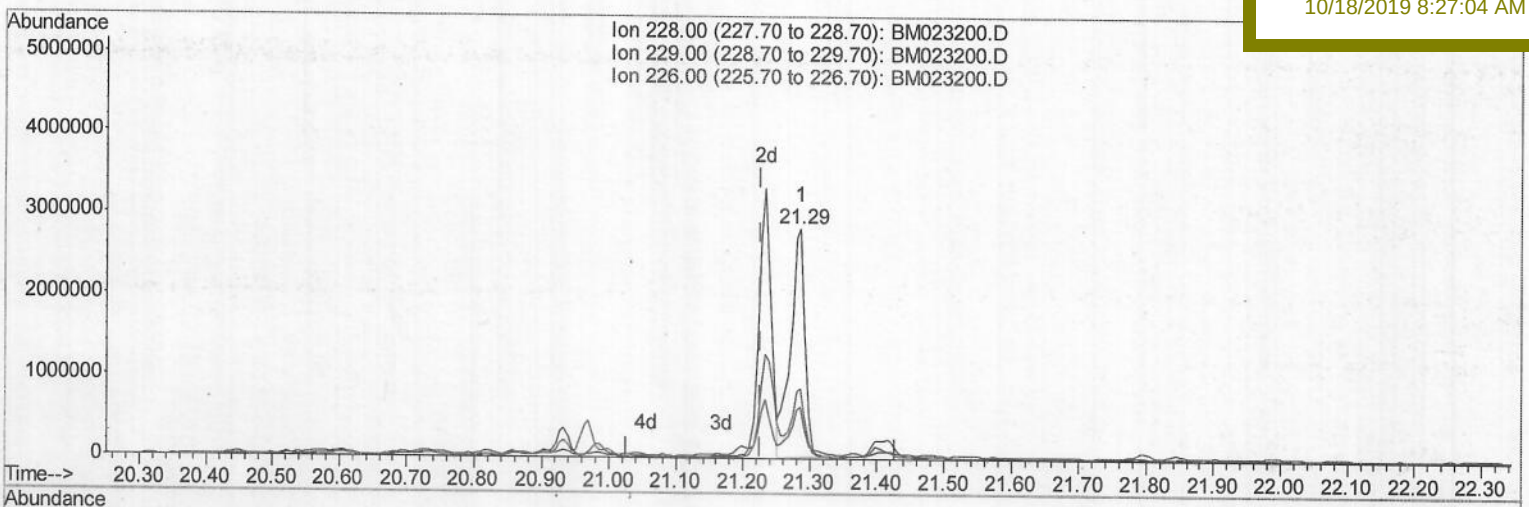

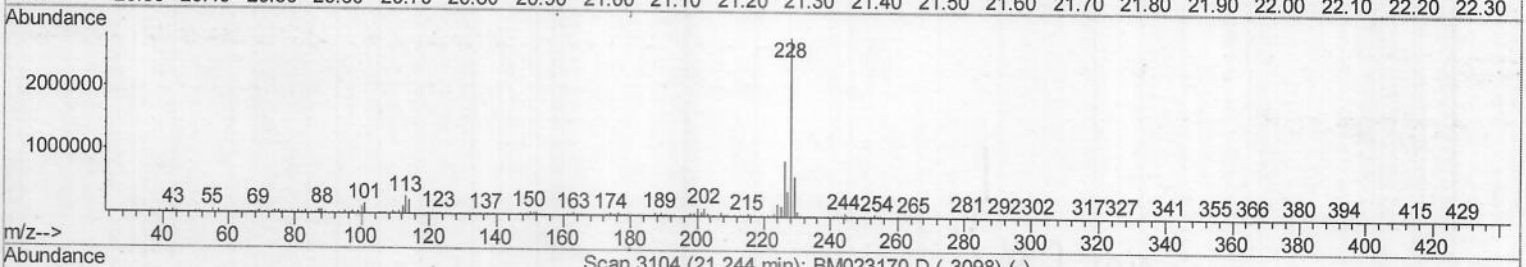

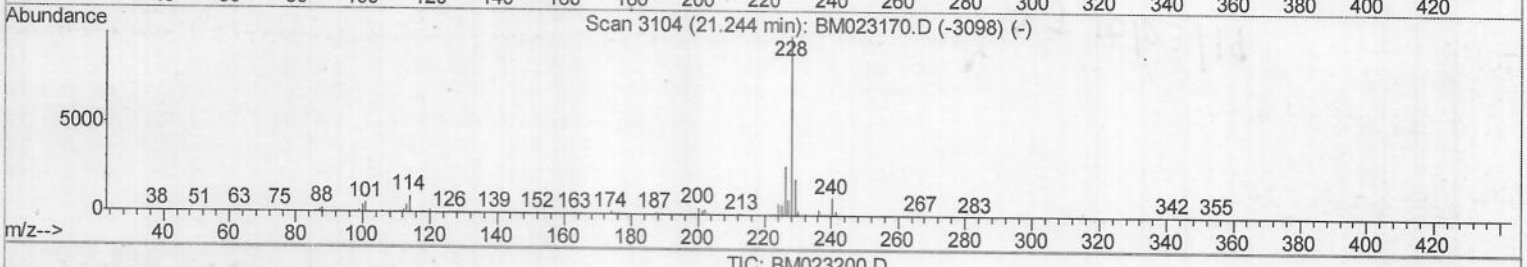

TIC: BM023200.D

(83) Benzo(a)anthracene

21.286min (+0.059) 32.91ng/ul

response 4187712

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.18
226.00	27.00	30.57
0.00	0.00	0.00

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Manual Integrations APPROVED
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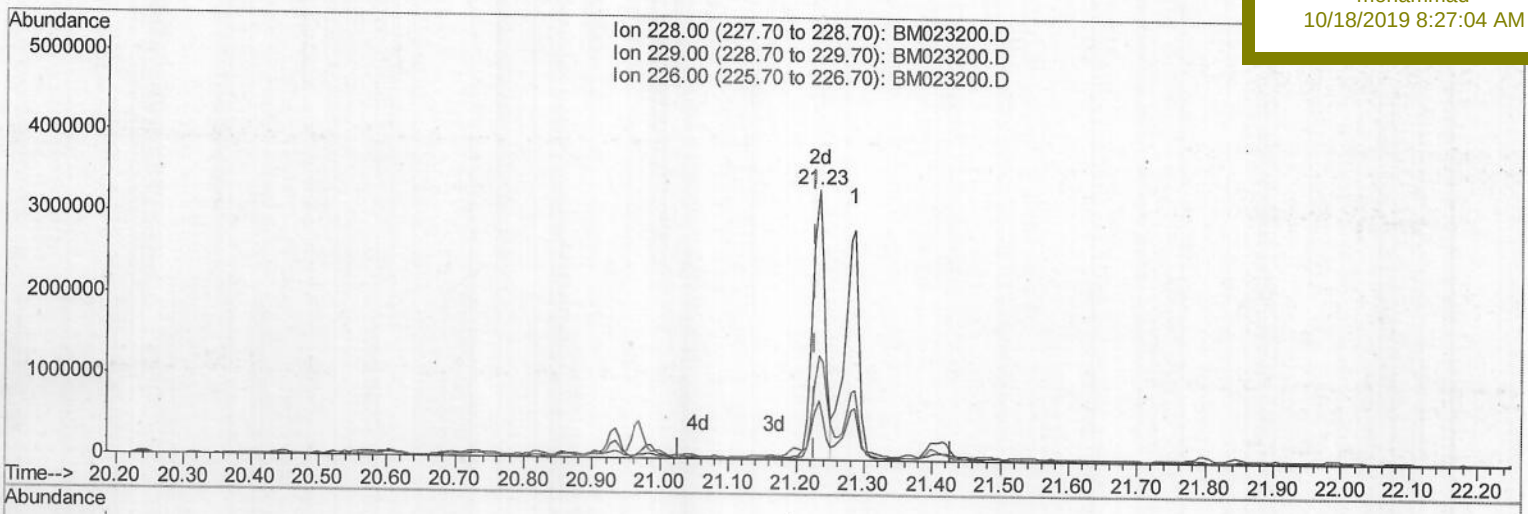

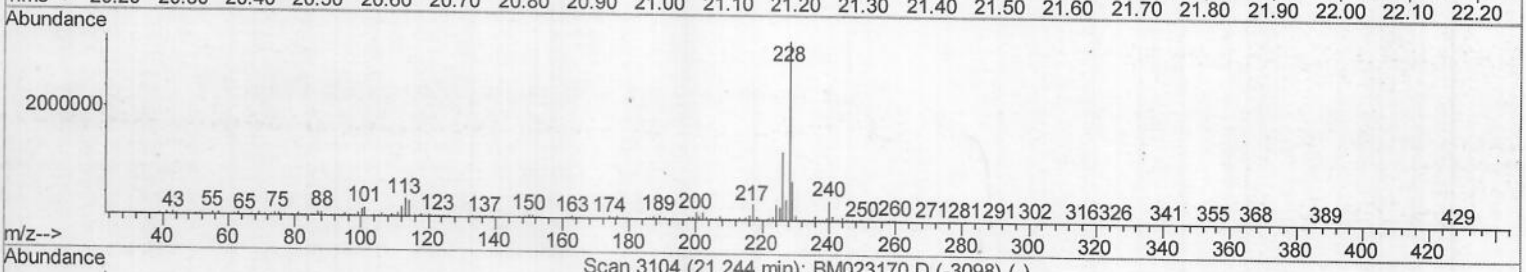

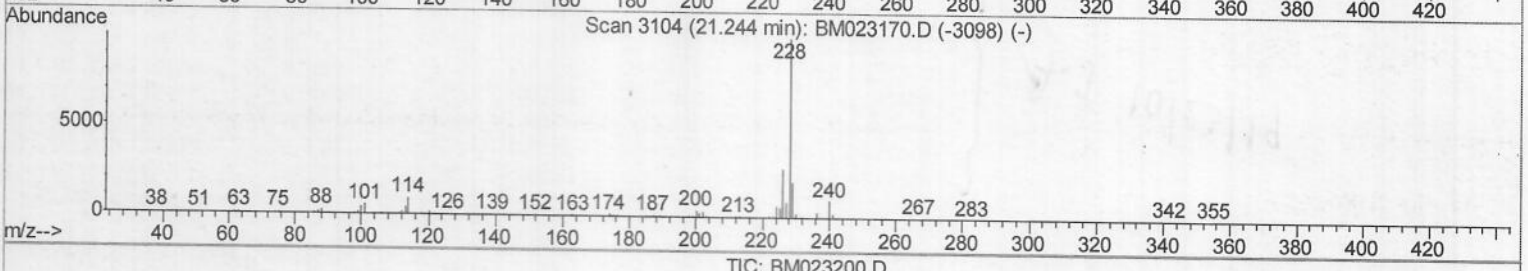

TIC: BM023200.D

(83) Benzo(a)anthracene

21.233min (+0.006) 33.10ng/ul m JU 10/23/19

response 4212744

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.97
226.00	27.00	38.72#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

Quantitation Report (Qedit)

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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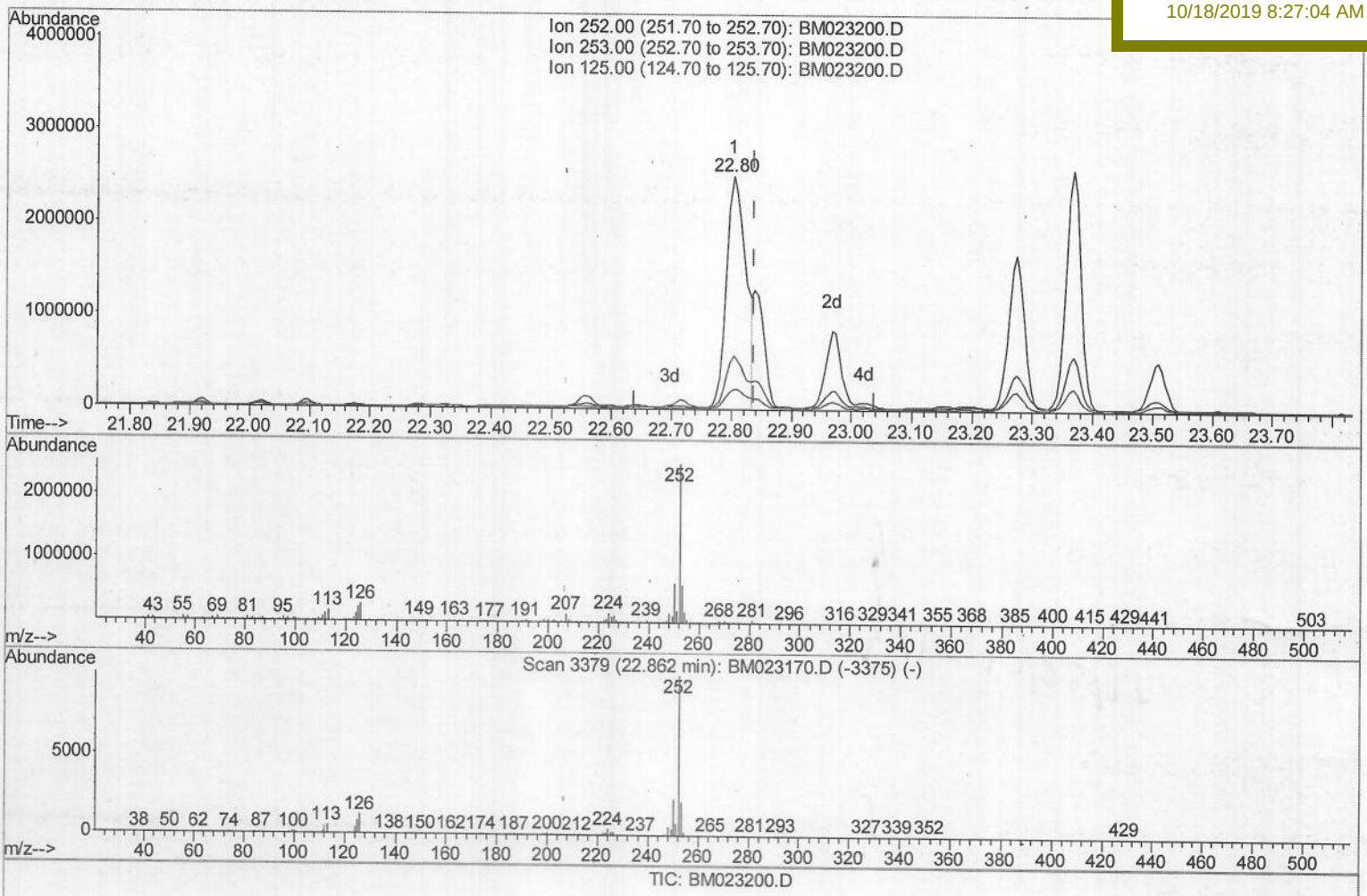

TIC: BM023200.D

(89) Benzo(k)fluoranthene

22.803min (-0.035) 42.43ng/ul

response 5641831

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.51
125.00	8.10	9.07
0.00	0.00	0.00

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Manual Integrations APPROVED
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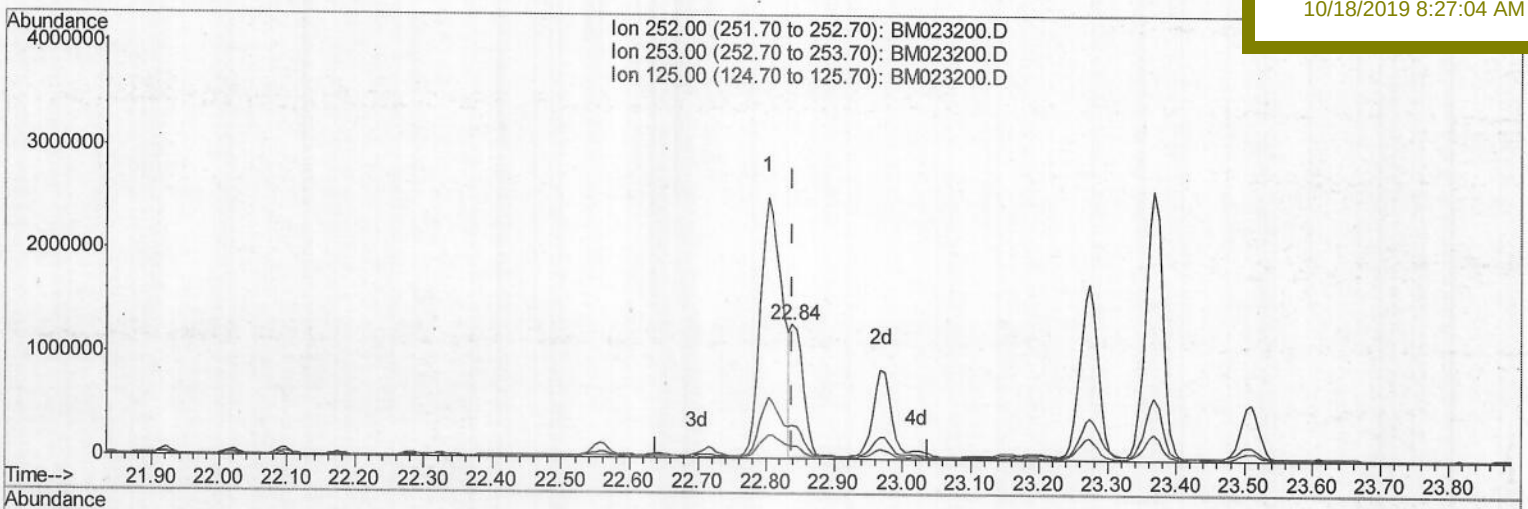

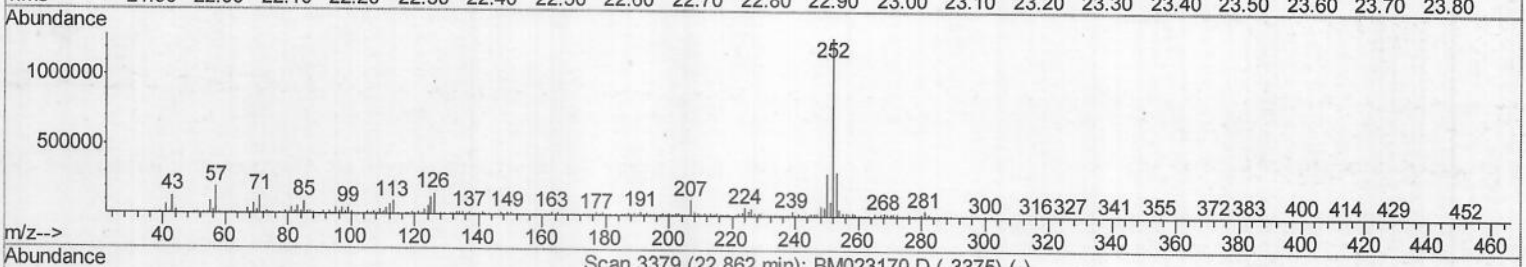

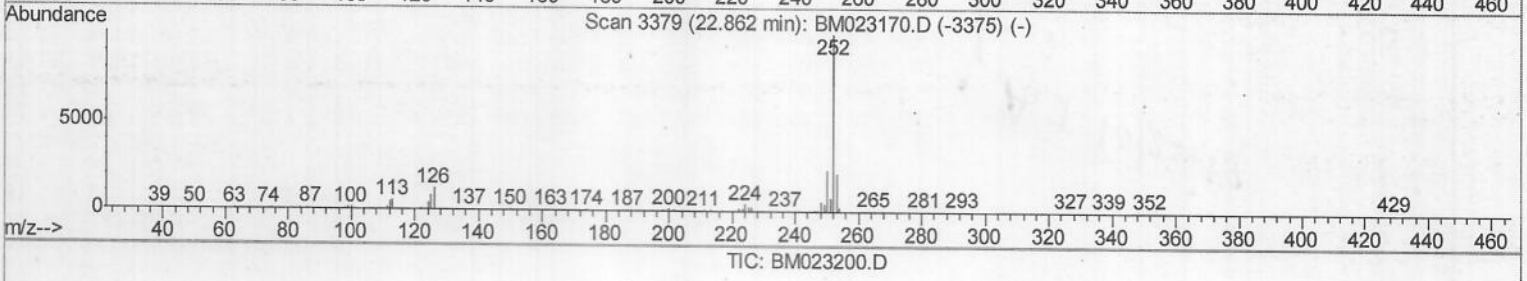

TIC: BM023200.D

(89) Benzo(k)fluoranthene

22.839min (0.000) 12.21ng/ul m JU 10/23/19

response 1623029

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.79
125.00	8.10	9.56
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	365671	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1483404	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	900797	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1779639	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1878215	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2283699	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	25213	3.03	ng/uL	0.00
5) Phenol-d5	6.83	99	506462	15.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	290705	16.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	406419	16.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	398793	15.59	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	188313	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	198921	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	425791	17.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	246545	8.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1260245	18.26	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1493160	18.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	152839	13.68	ng/ul	0.00
58) Fluorene-d10	15.30	176	1089217	18.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	95844	13.58	ng/ul	0.00
71) Anthracene-d10	17.15	188	1684993	19.64	ng/ul	0.00
79) Pyrene-d10	19.45	212	1863777	20.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2304041	19.90	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	93245	2.839	ng/ul	98
28) Naphthalene	10.49	128	440999	5.752	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	211304	3.704	ng/ul	97
45) Dimethylphthalate	13.77	163	449973	6.512	ng/ul	99
48) Acenaphthylene	14.03	152	1095054	13.228	ng/ul	99
50) Acenaphthene	14.37	153	240064	4.165	ng/ul	98
54) Dibenzofuran	14.71	168	114457	1.399	ng/ul	97
59) Fluorene	15.36	166	260953	3.887	ng/ul#	97
70) Phenanthrene	17.10	178	3092225	30.961	ng/ul	99
72) Anthracene	17.19	178	1156546	11.206	ng/ul	100
75) Carbazole	17.45	167	165171	1.791	ng/ul	94
76) Di-n-butylphthalate	18.04	149	115846	1.056	ng/ul#	90
77) Fluoranthene	19.12	202	5707018	48.047	ng/ul	100
80) Pyrene	19.48	202	6059375	51.498	ng/ul	100
81) Butylbenzylphthalate	20.40	149	255424	6.242	ng/ul	95
83) Benzo(a)anthracene	21.23	228	4212744m	33.103	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.19	149	158077	2.429	ng/ul	95
85) Chrysene	21.29	228	4186966	35.432	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	5641831	40.746	ng/ul	97
89) Benzo(k)fluoranthene	22.84	252	1623029m	12.208	ng/ul	
91) Benzo(a)pyrene	23.37	252	4514764	33.986	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.69	276	3309484	20.942	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	965366	7.306	ng/ul#	91

JU 10/23/19

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.37	276	3417491	26.265	ng/ul	99

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