

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

Quantitation Report (QT Reviewed)

Data File : BM023204.D

Acq On : 16 Oct 2019 23:21

Operator : JU

Sample : K5262-07

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 17 06:37:57 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 :

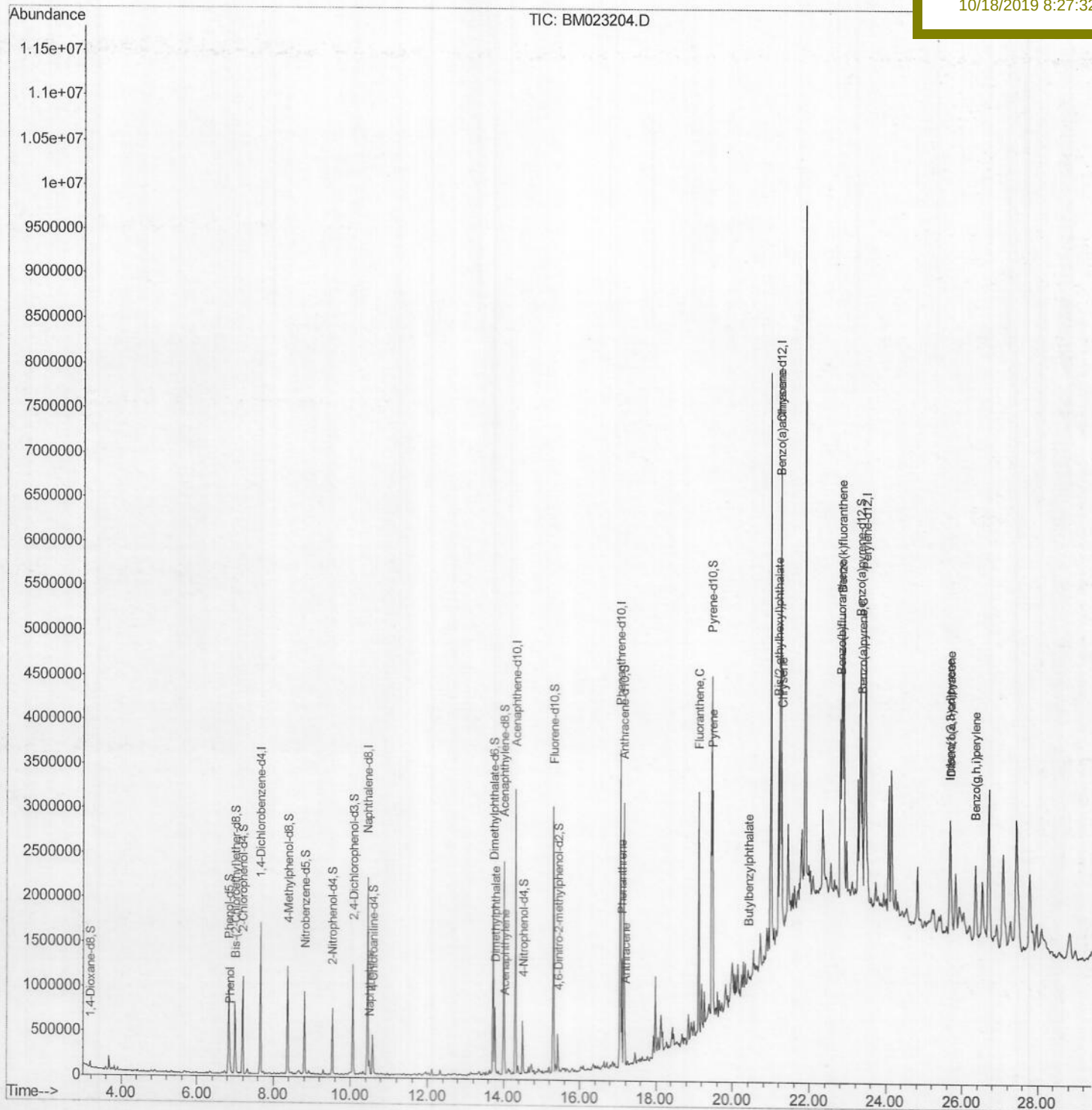
BFB73

Manual Integrations

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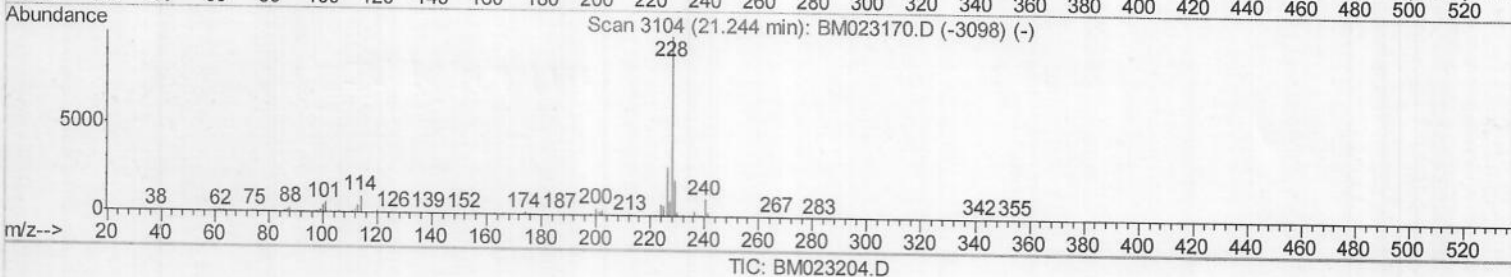
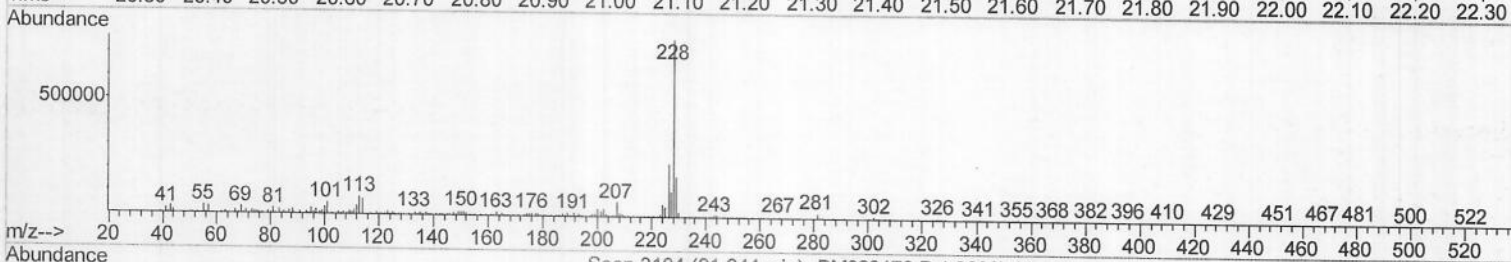
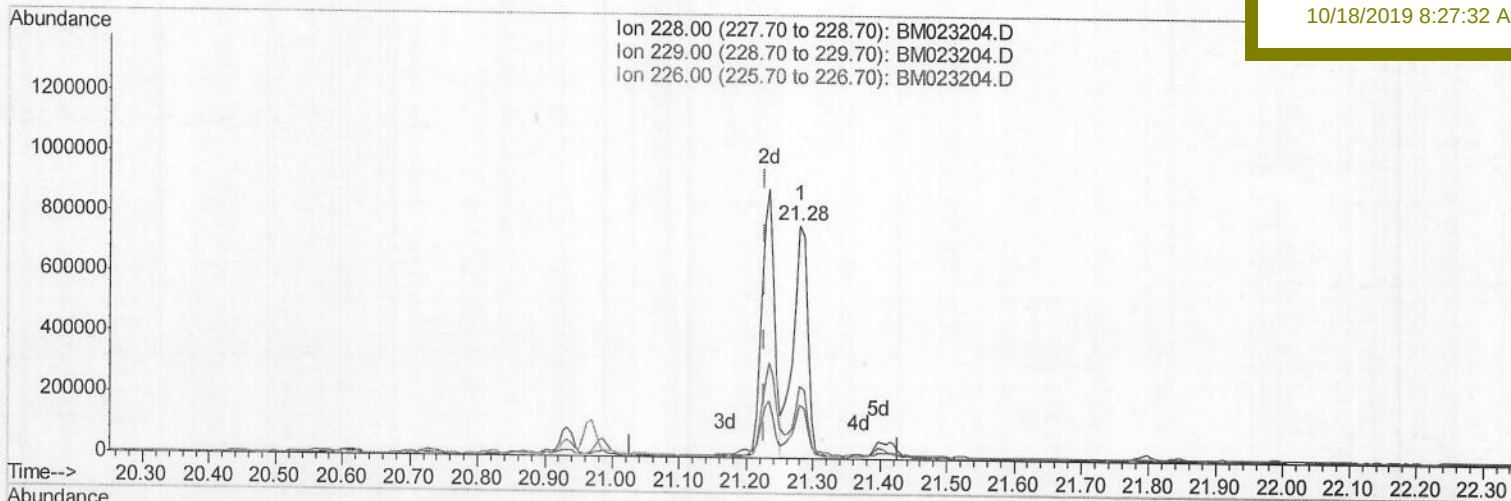
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(83) Benzo(a)anthracene

21.280min (+0.053) 8.85ng/ul

response 1149378

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.52
226.00	27.00	30.40
0.00	0.00	0.00

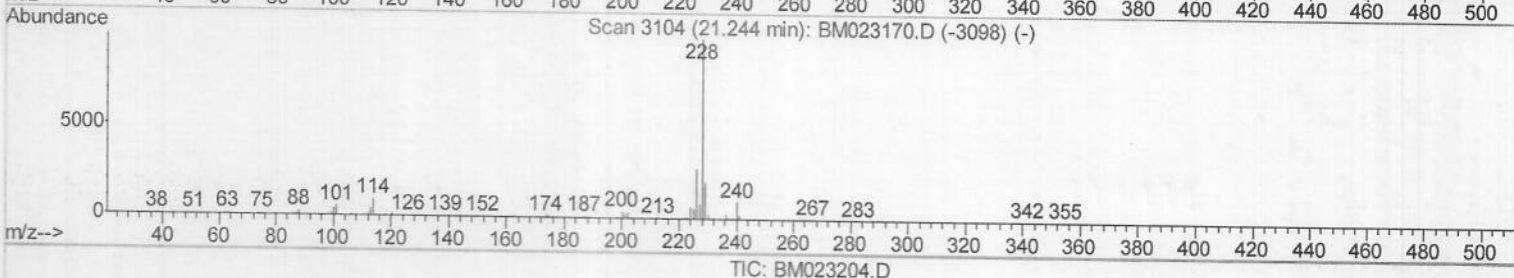
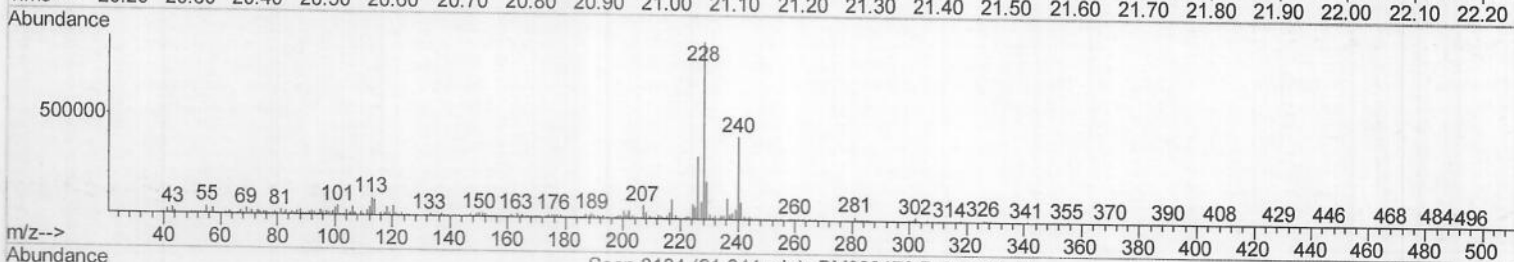
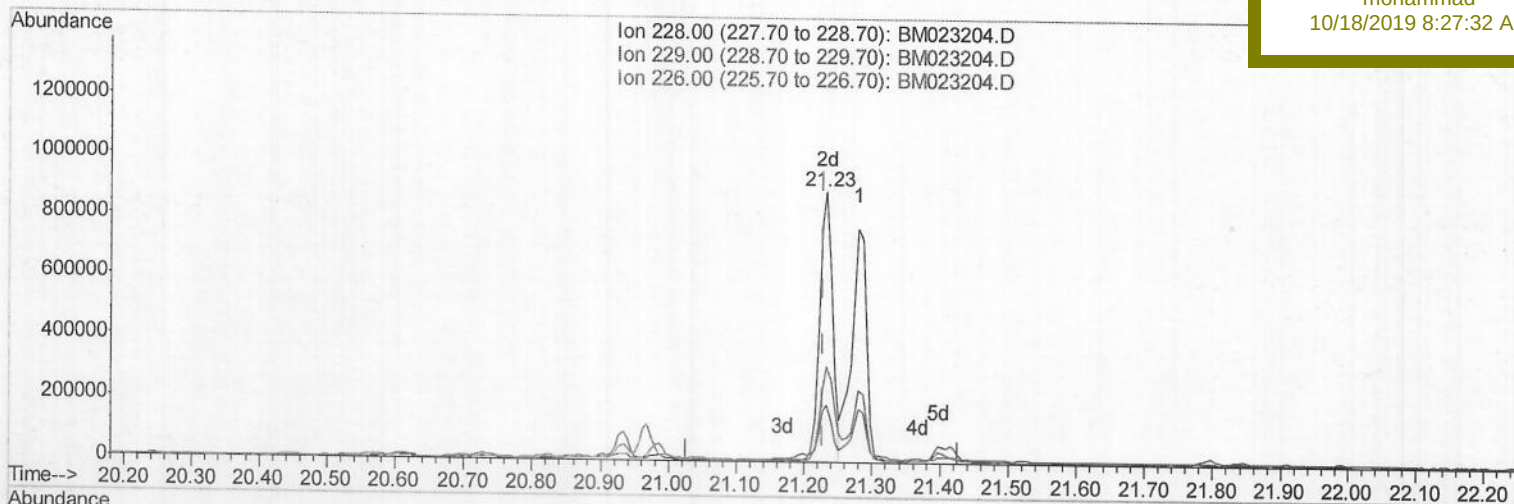
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(83) Benzo(a)anthracene

21.233min (+0.006) 8.98ng/ul m JU 10/19/19

response 1165510

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.96
226.00	27.00	34.90#
0.00	0.00	0.00

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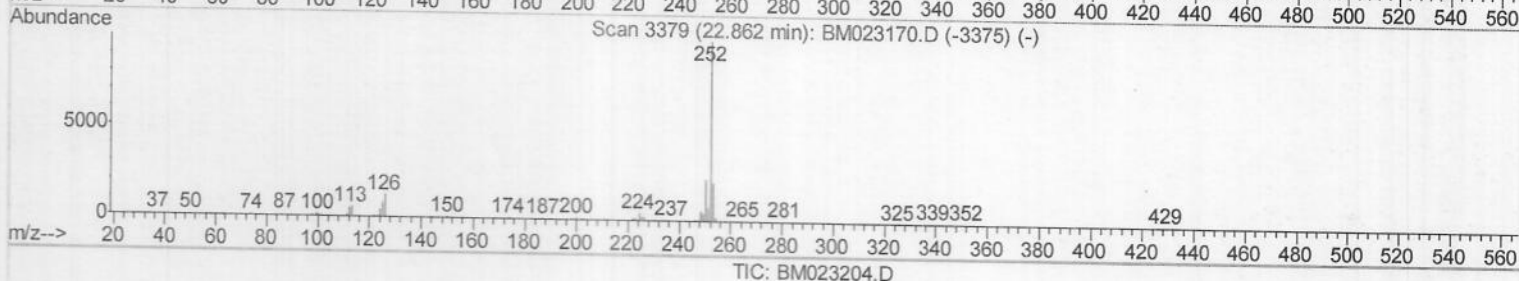
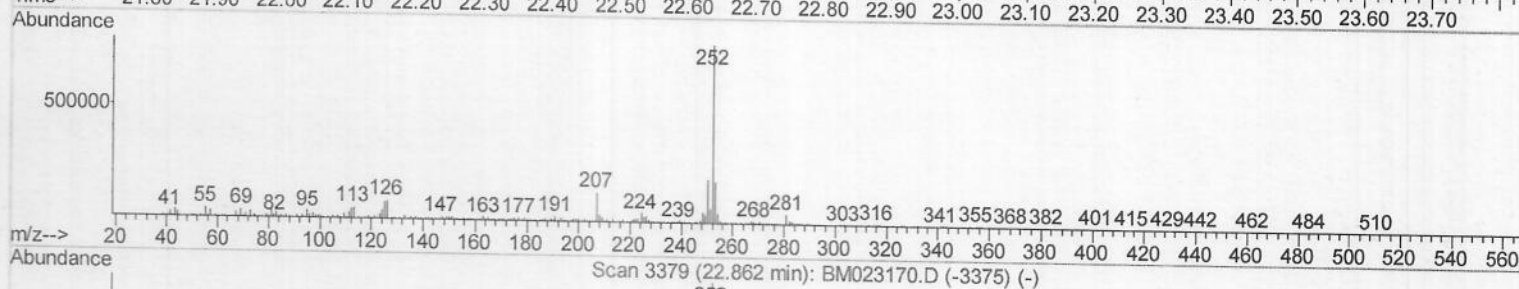
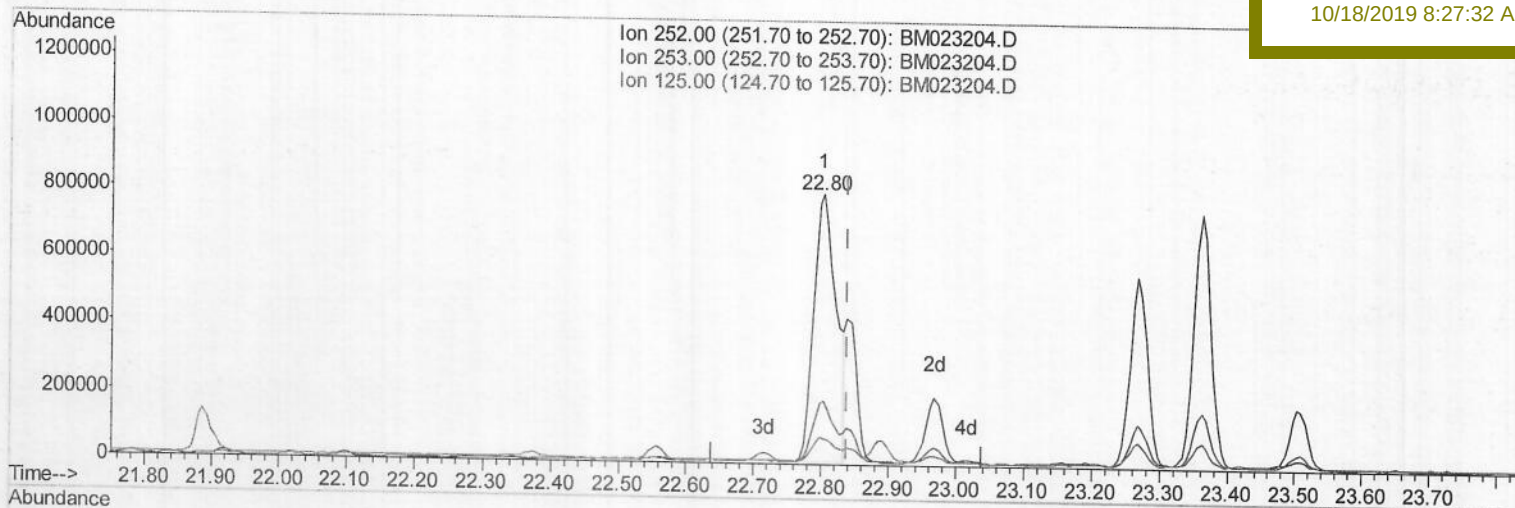
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(89) Benzo(k)fluoranthene

22.803min (-0.035) 13.39ng/ul

response 1846114

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.59
125.00	8.10	9.65
0.00	0.00	0.00

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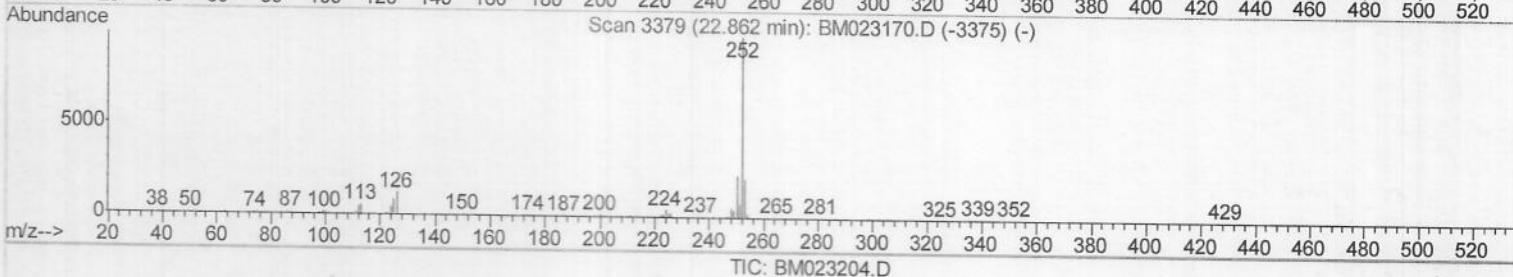
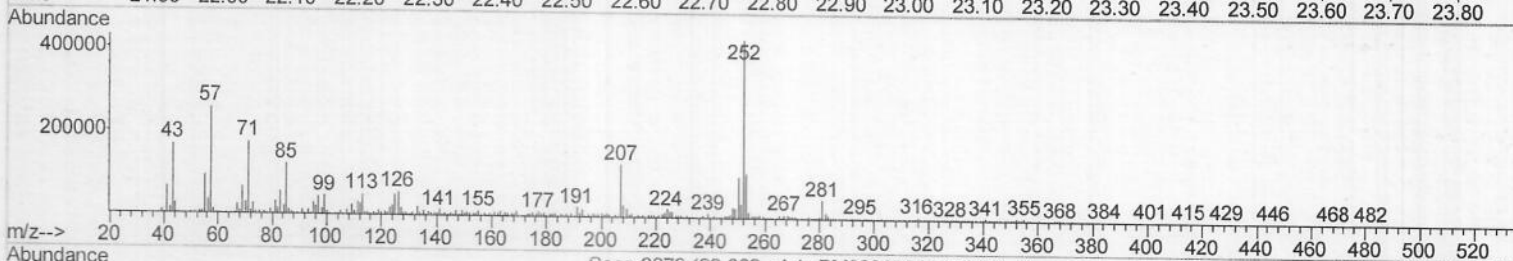
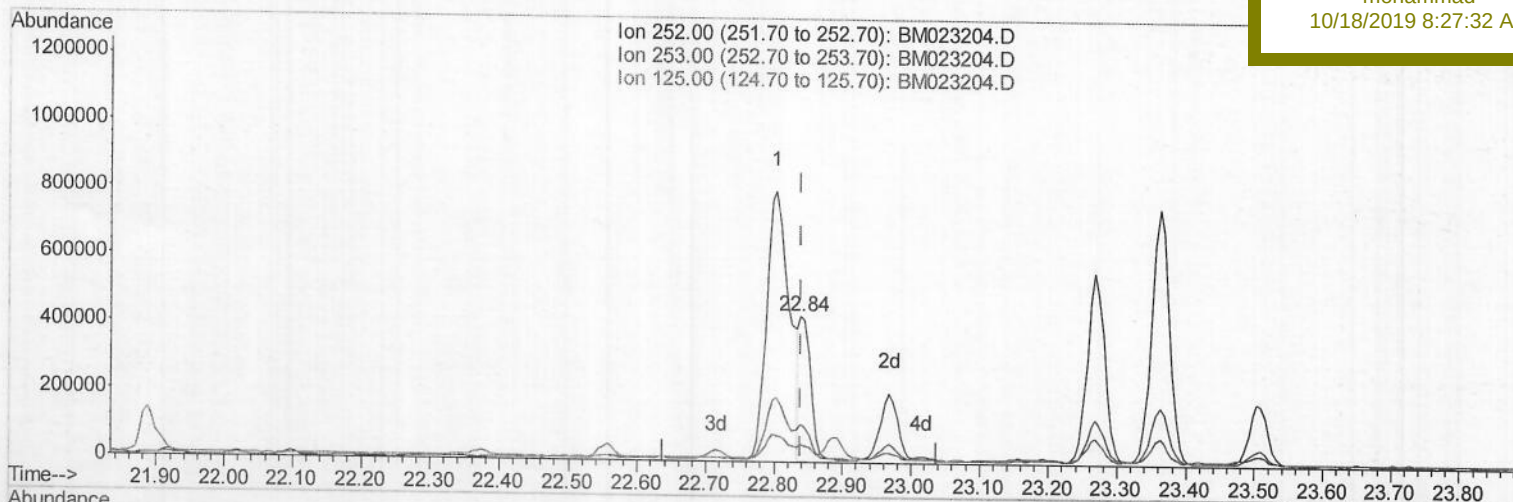
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(89) Benzo(k)fluoranthene

22.839min (-0.000) 3.66ng/ul m JU 10/19/19

response 504739

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.34
125.00	8.10	11.90#
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	7.66	152	450151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1787130	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1042937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	2008307	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1916122	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2368782	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.18	96	31316	3.06	ng/uL	0.00
5) Phenol-d5	6.83	99	553906	14.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	350763	15.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	475375	15.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	450247	14.30	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	224453	18.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	235757	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	455675	15.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	255292	7.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1327568	16.61	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1585115	16.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	134071	10.36	ng/ul	0.00
58) Fluorene-d10	15.30	176	1124117	16.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	86450	10.86	ng/ul	0.00
71) Anthracene-d10	17.15	188	1656306	17.10	ng/ul	0.00
79) Pyrene-d10	19.45	212	1717876	18.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2043997	17.02	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.86	94	109725	2.714	ng/ul	96
28) Naphthalene	10.49	128	130865	1.417	ng/ul	99
45) Dimethylphthalate	13.77	163	457848	5.723	ng/ul	100
48) Acenaphthylene	14.03	152	178946	1.867	ng/ul	99
70) Phenanthrene	17.10	178	749172	6.647	ng/ul	99
72) Anthracene	17.19	178	245117	2.105	ng/ul	99
77) Fluoranthene	19.12	202	1616019	12.056	ng/ul	99
80) Pyrene	19.48	202	1570160	13.081	ng/ul	99
81) Butylbenzylphthalate	20.40	149	43924	1.052	ng/ul#	97
83) Benzo(a)anthracene	21.23	228	1165510m	8.977	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.20	149	787715	11.866	ng/ul#	99
85) Chrysene	21.28	228	1149378	9.534	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	1846114	12.854	ng/ul#	96
89) Benzo(k)fluoranthene	22.84	252	504739m	3.660	ng/ul	97
91) Benzo(a)pyrene	23.36	252	1334696	9.686	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	1016992	6.204	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	294348	2.148	ng/ul#	91
94) Benzo(g,h,i)perylene	26.35	276	976967	7.239	ng/ul	99

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