

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

Quantitation Report (QT Reviewed)

Data File : BM023205.D

Acq On : 16 Oct 2019 23:57

Operator : JU

Sample : K5262-09

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 17 06:41:31 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 :

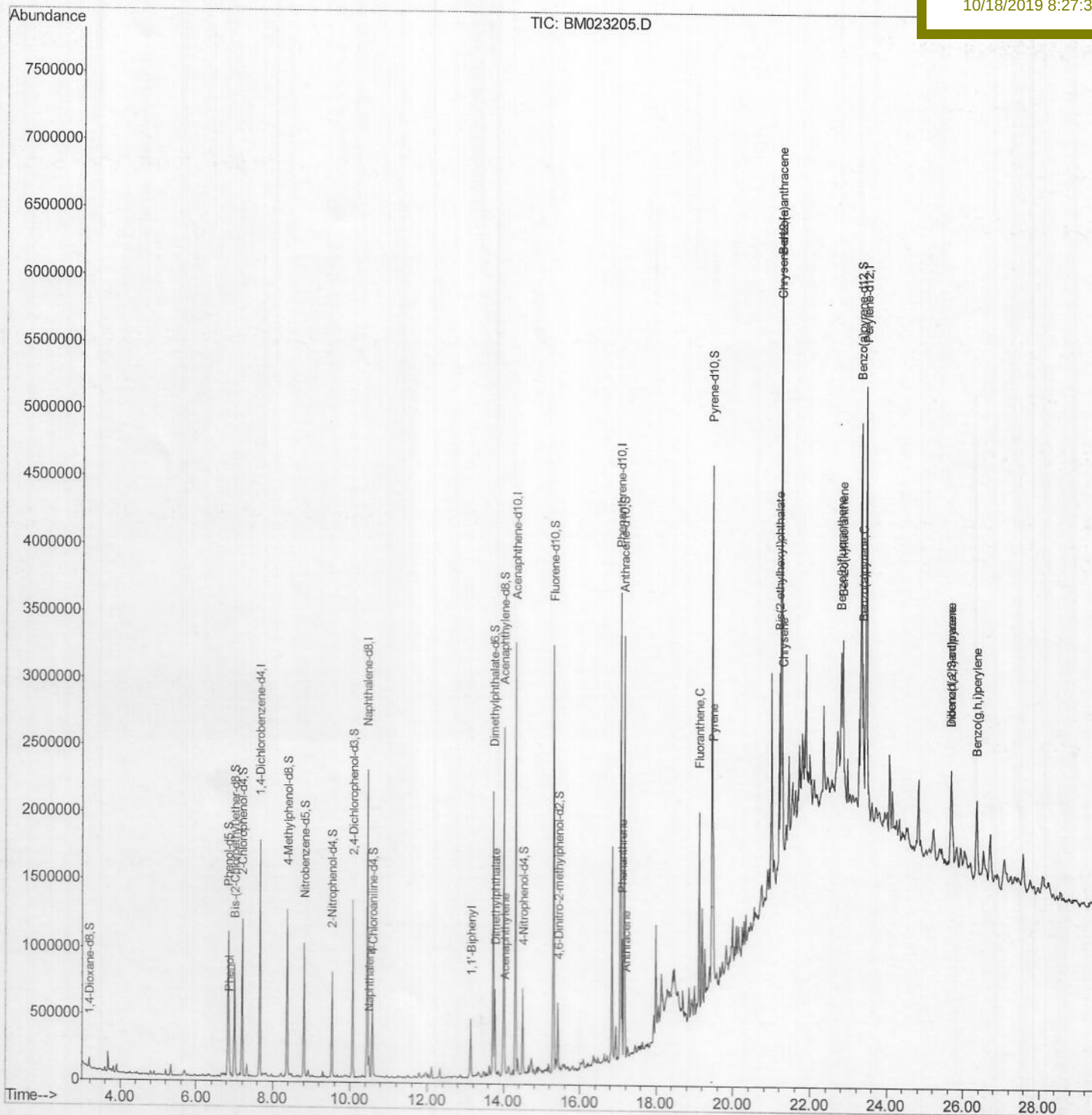
BFB72

Manual Integrations

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10/18/2019 8:27:34 AM



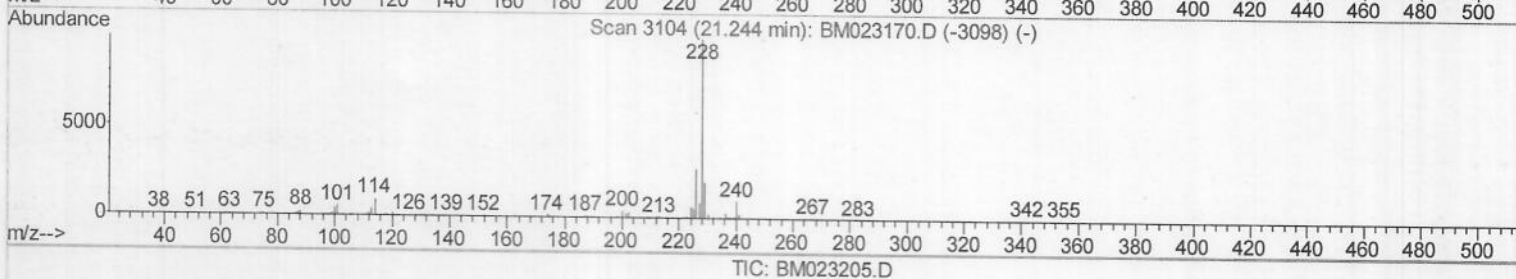
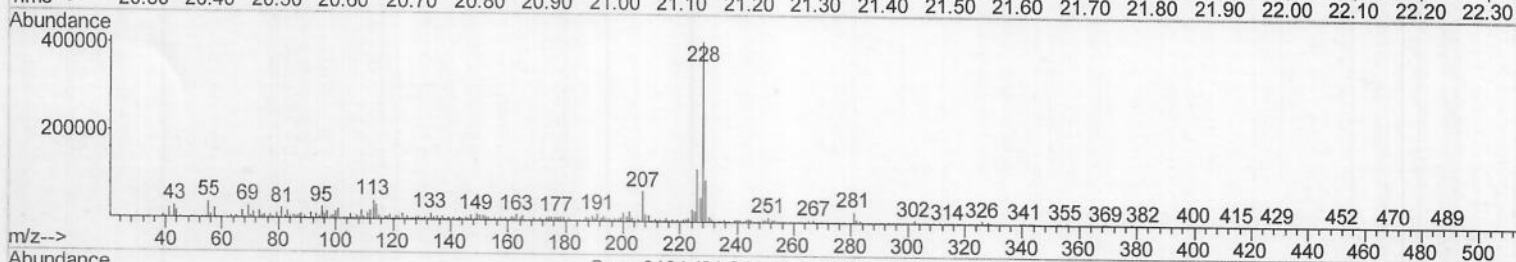
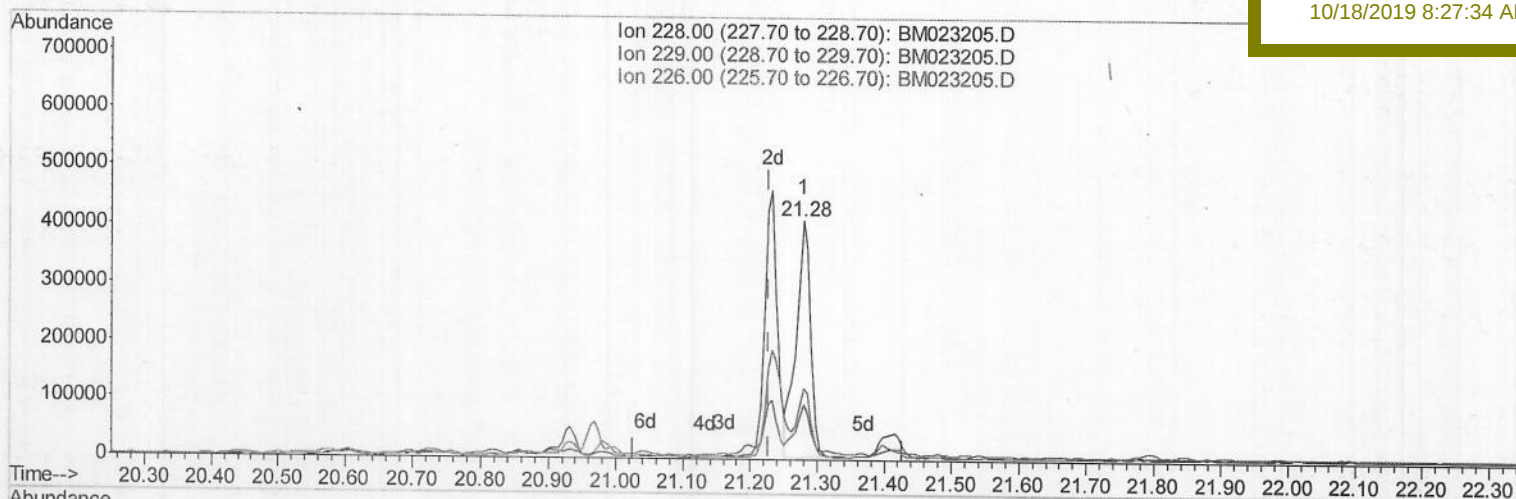
Data File : BM023205.D
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(83) Benzo(a)anthracene

21.280min (+0.053) 4.76ng/ul

response 608977

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	23.08
226.00	27.00	29.85
0.00	0.00	0.00

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Quantitation Report (Qedit)

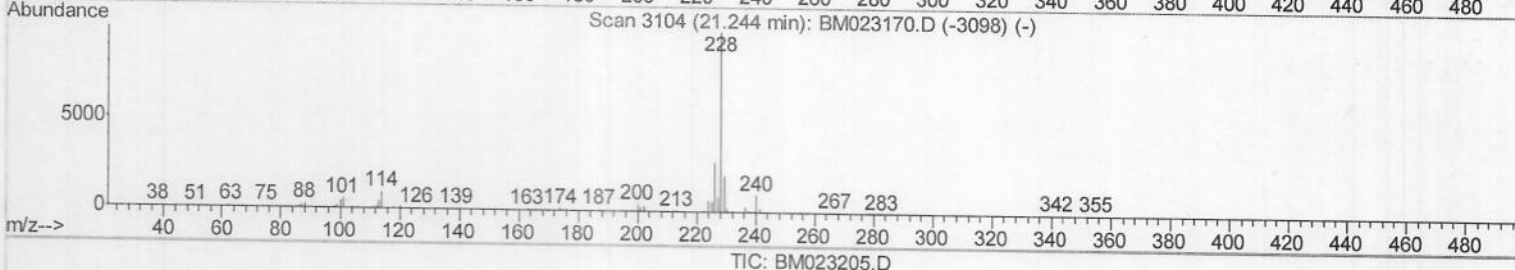
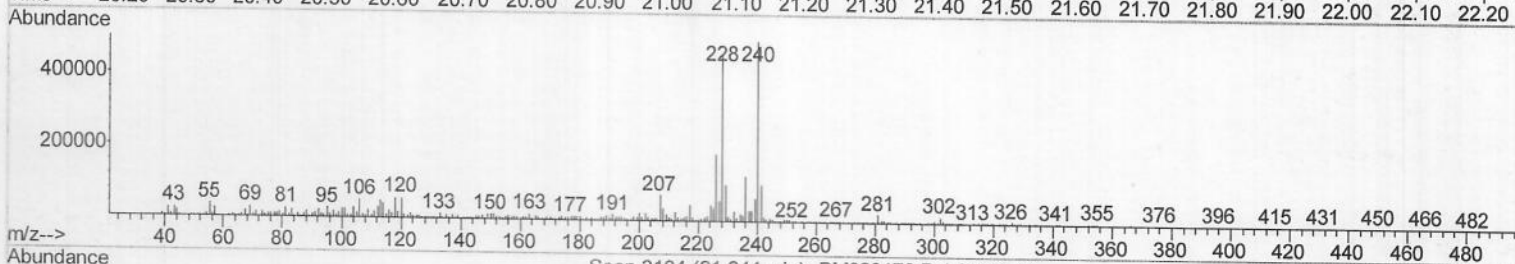
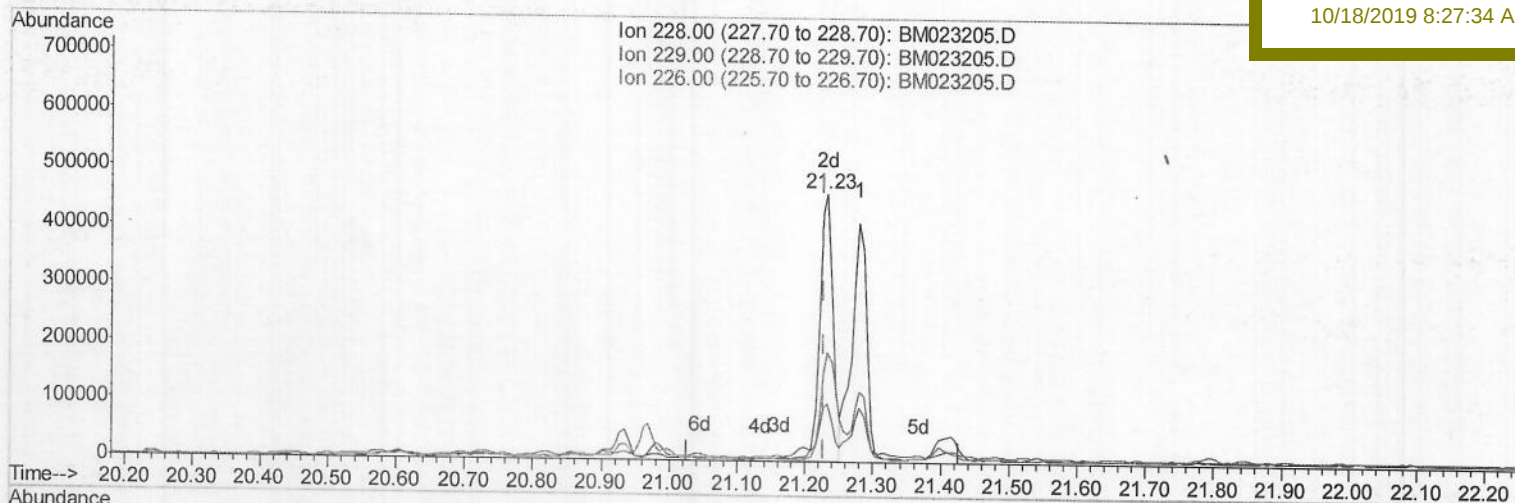
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10/18/2019 8:27:34 AM



(83) Benzo(a)anthracene

21.233min (+0.006) 4.87ng/ul m JU 10/19/19

response 622729

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.89
226.00	27.00	40.79#
0.00	0.00	0.00

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Misc :

ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :

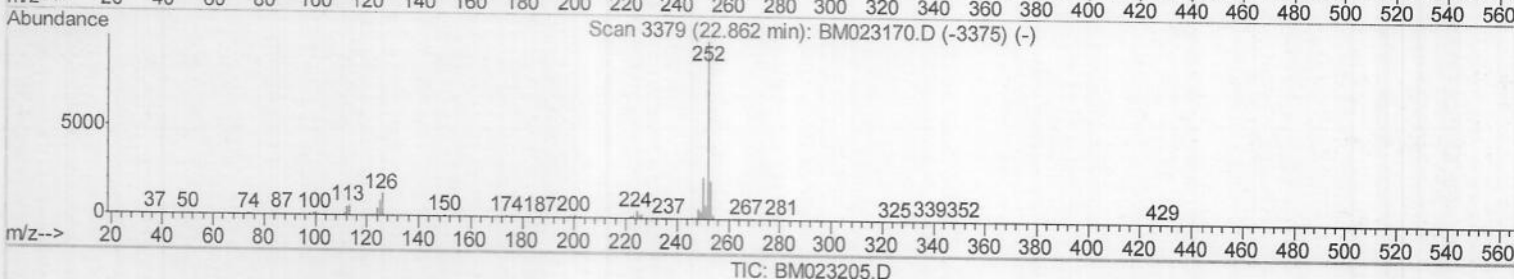
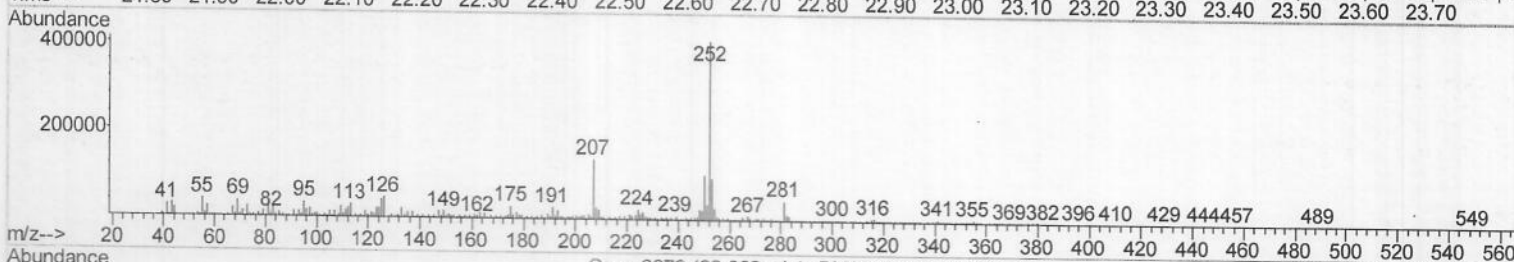
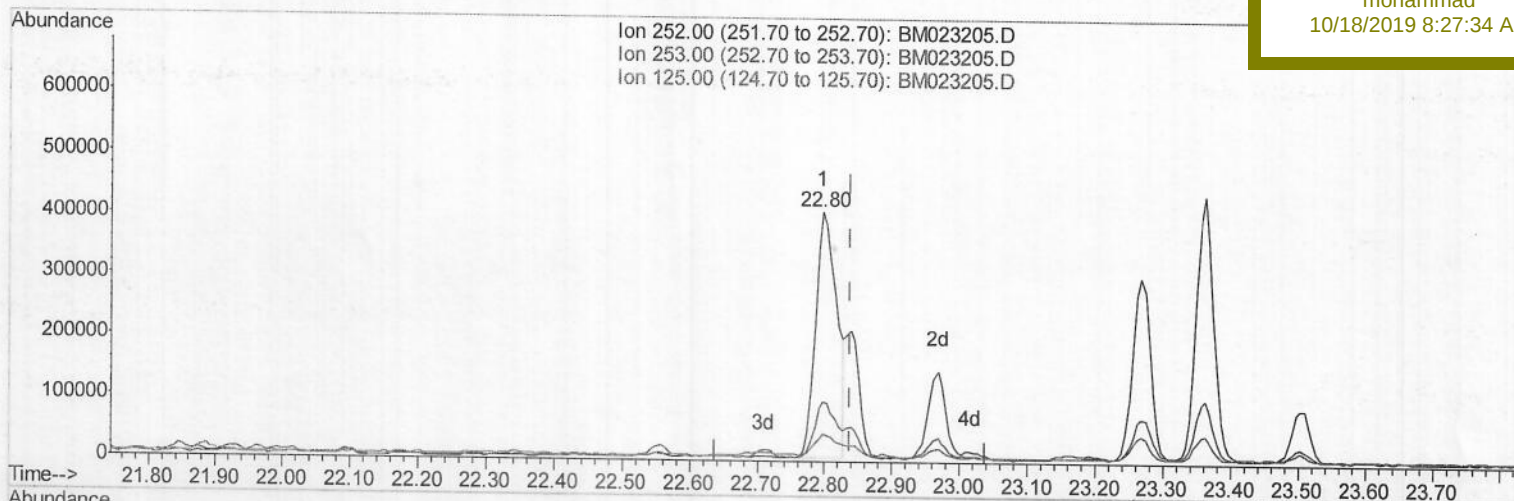
BFB72

Manual Integrations

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(89) Benzo(k)fluoranthene

22.797min (-0.041) 6.58ng/ul

response 889616

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.40
125.00	8.10	10.55#
0.00	0.00	0.00

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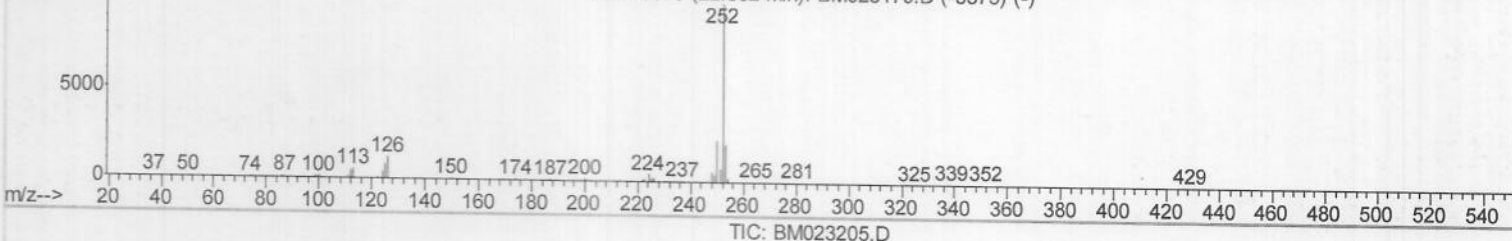
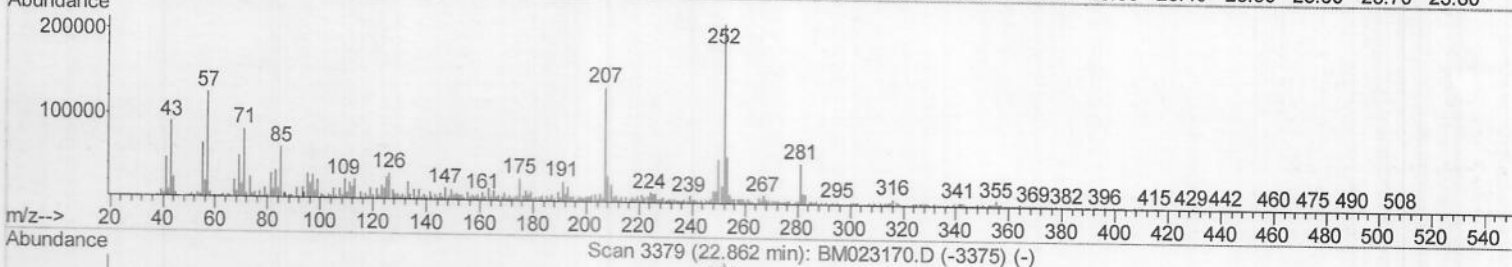
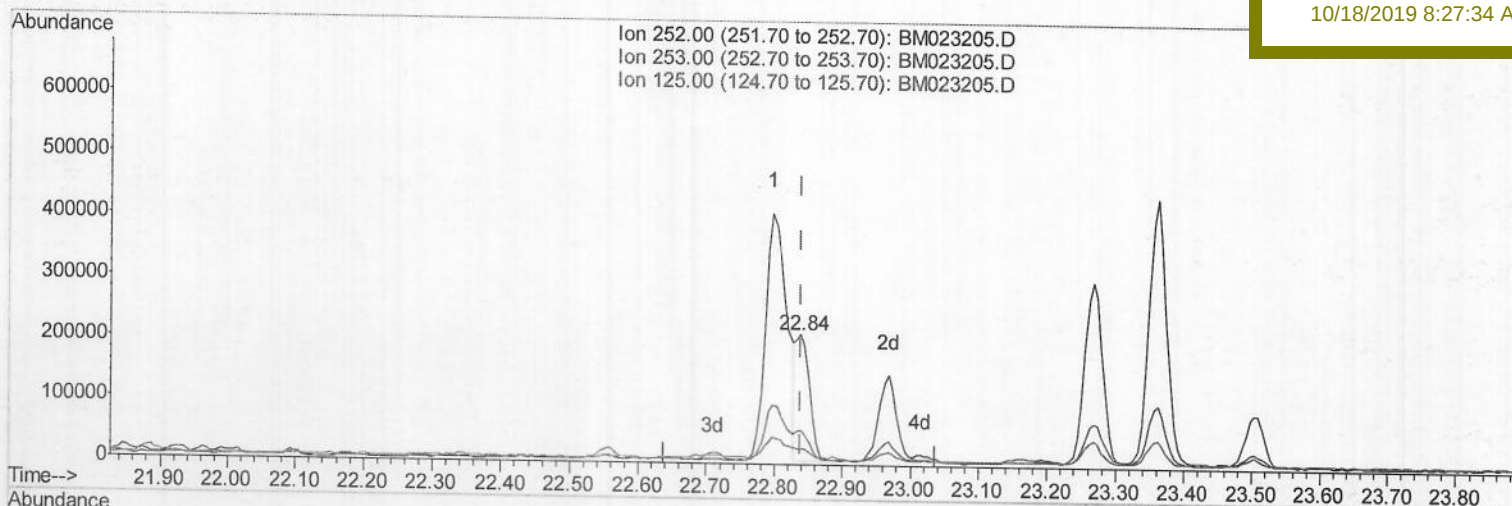
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(89) Benzo(k)fluoranthene

22.838min (-0.000) 2.23ng/ul m JU 10/19/19

response 301175

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.87
125.00	8.10	12.59#
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	459699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1822785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1055385	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1992123	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1887022	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2321750	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	33199	3.18	ng/uL	0.00
5) Phenol-d5	6.83	99	582820	14.56	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.00	67	369962	16.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	509102	16.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	470531	14.63	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	234423	19.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	250495	21.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	484488	16.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	332521	9.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1415898	17.51	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1671167	17.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	151419	11.56	ng/ul	0.00
58) Fluorene-d10	15.30	176	1191042	17.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	101908	12.90	ng/ul	0.00
71) Anthracene-d10	17.15	188	1757909	18.30	ng/ul	0.00
79) Pyrene-d10	19.45	212	1852032	20.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2202182	18.71	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.86	94	116187	2.814	ng/ul	96
28) Naphthalene	10.49	128	127585	1.354	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	216617	2.698	ng/ul	98
45) Dimethylphthalate	13.77	163	377651	4.665	ng/ul	99
48) Acenaphthylene	14.03	152	173218	1.786	ng/ul	98
70) Phenanthrene	17.10	178	547282	4.895	ng/ul	99
72) Anthracene	17.19	178	177715	1.538	ng/ul	99
77) Fluoranthene	19.12	202	865216	6.507	ng/ul	98
80) Pyrene	19.48	202	893908	7.562	ng/ul	100
83) Benzo(a)anthracene	21.23	228	622729m	4.870	ng/ul	>
84) Bis(2-ethylhexyl)phthalate	21.19	149	518810	7.936	ng/ul	>
85) Chrysene	21.28	228	610934	5.146	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	889616	6.320	ng/ul#	96
89) Benzo(k)fluoranthene	22.84	252	301175m	2.228	ng/ul	>
91) Benzo(a)pyrene	23.36	252	786605	5.824	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.67	276	601191	3.742	ng/ul	99
93) Dibenzo(a,h)anthracene	25.68	278	178680	1.330	ng/ul#	84
94) Benzo(g,h,i)perylene	26.36	276	649834	4.912	ng/ul	99

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