

Data File : BM023230.D

Acq On : 17 Oct 2019 21:30

Operator : JU

Sample : K5236-03

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 18 07:25:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Oct 18 06:52:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

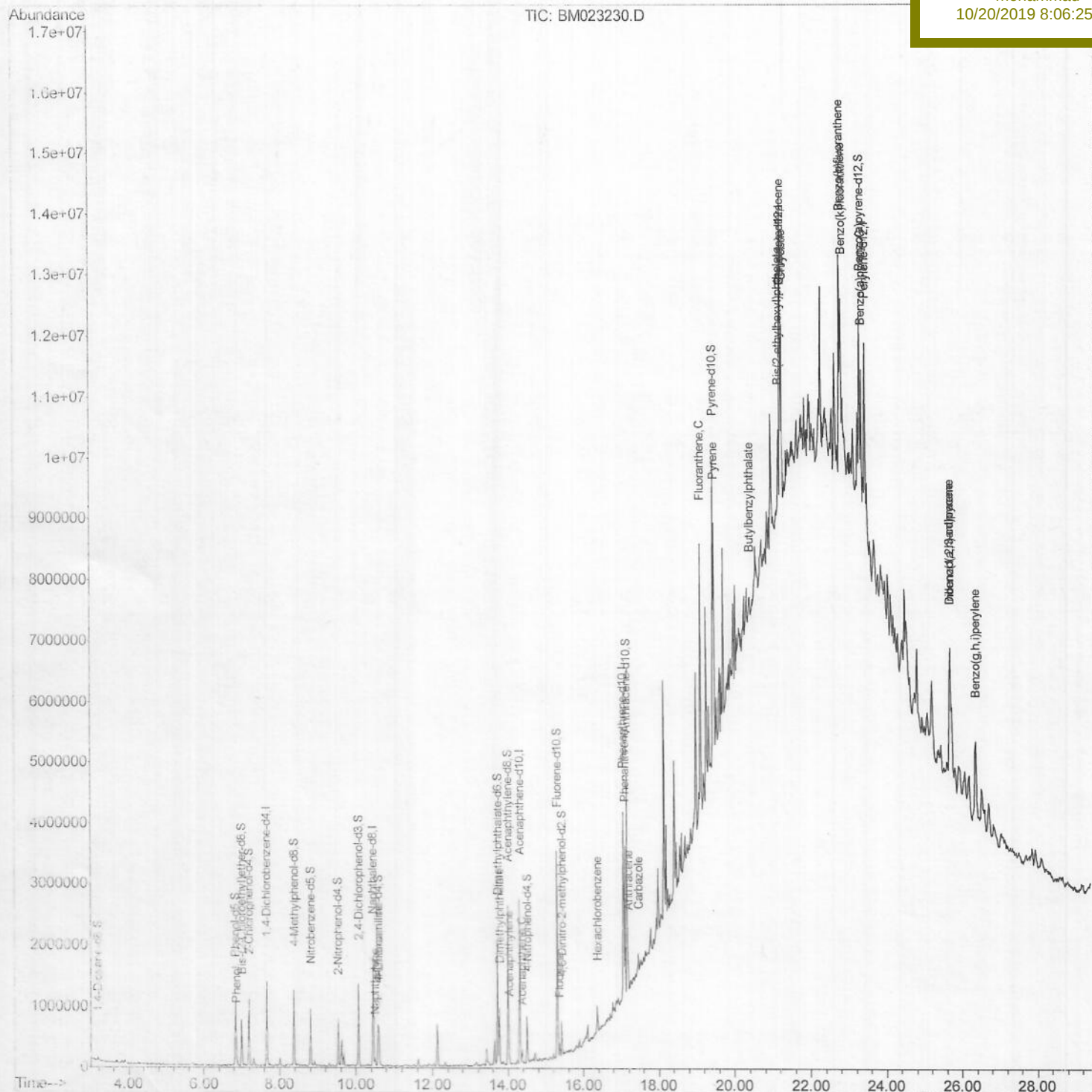
BEPL2

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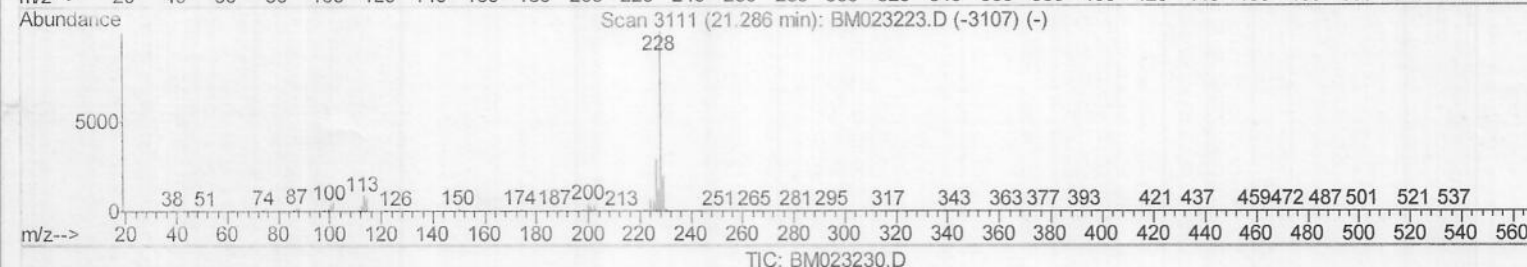
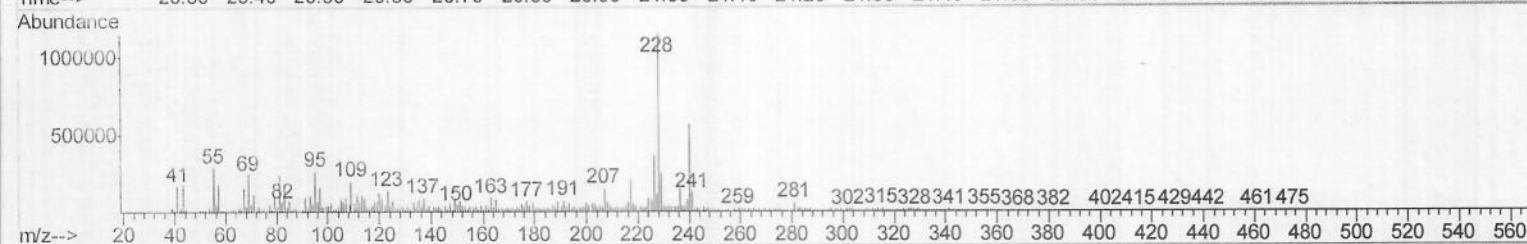
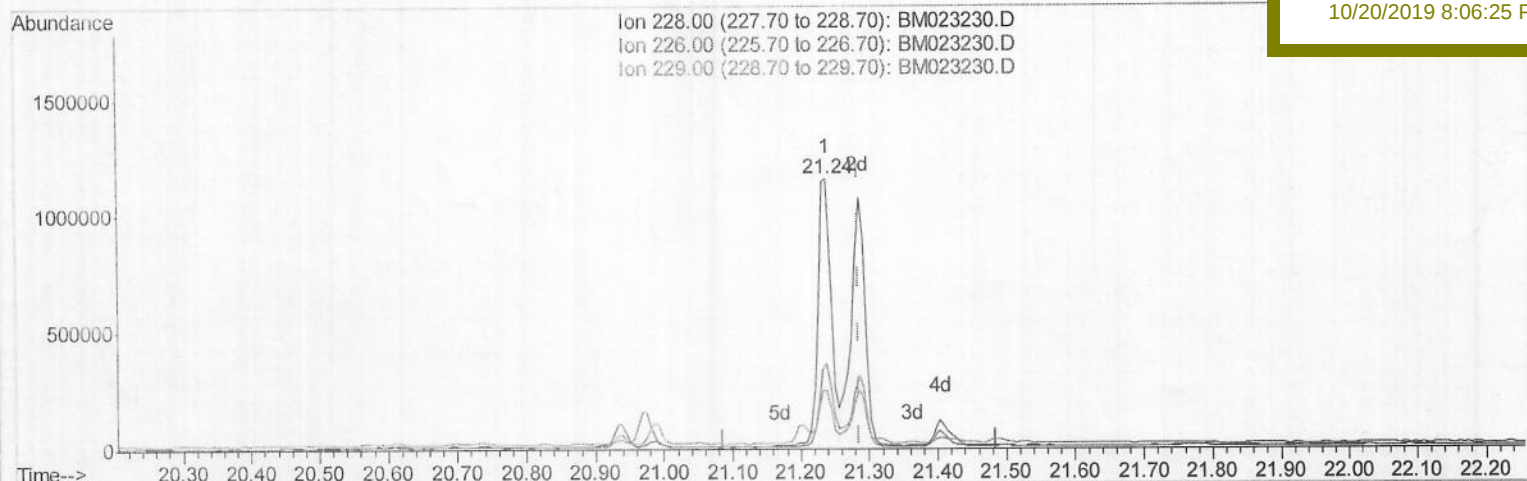
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Quant Time: Oct 18 06:57:04 2019
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(85) Chrysene

21.239min (-0.047) 13.42ng/ul

response 1546111

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	31.82
229.00	19.40	22.06
0.00	0.00	0.00

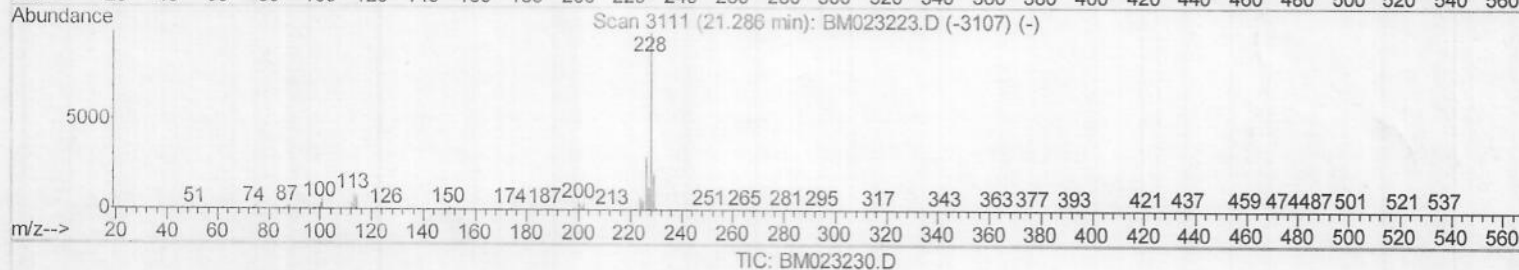
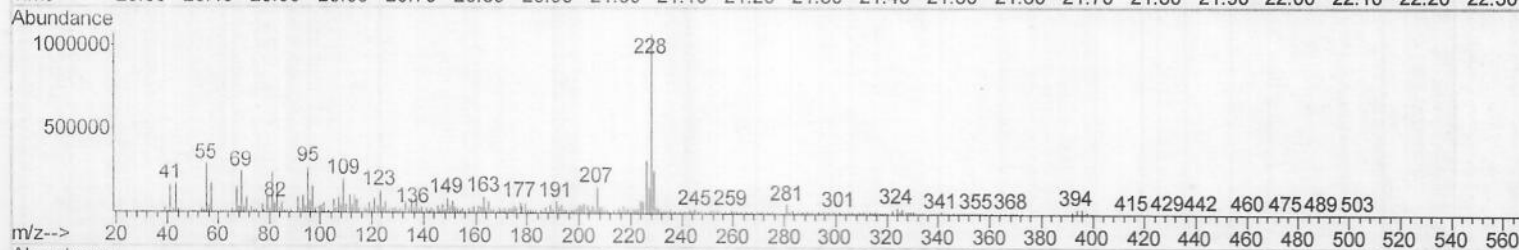
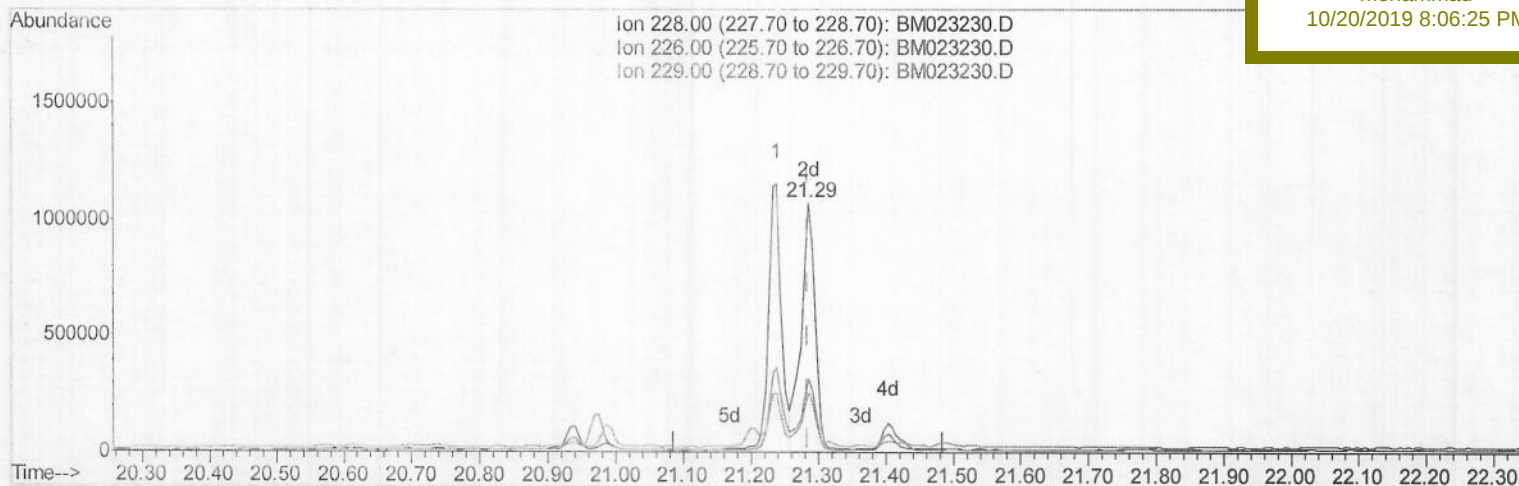
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(85) Chrysene

21.286min (+0.000) 13.31ng/ul m

response 1533224

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	29.48
229.00	19.40	24.08#
0.00	0.00	0.00

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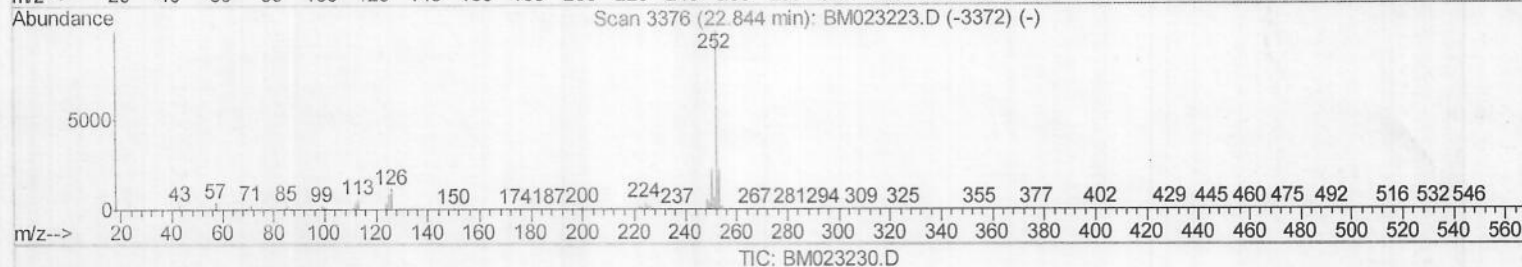
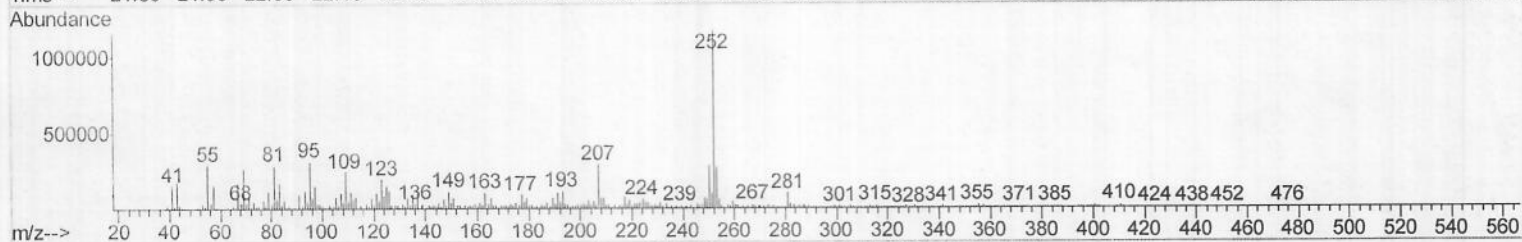
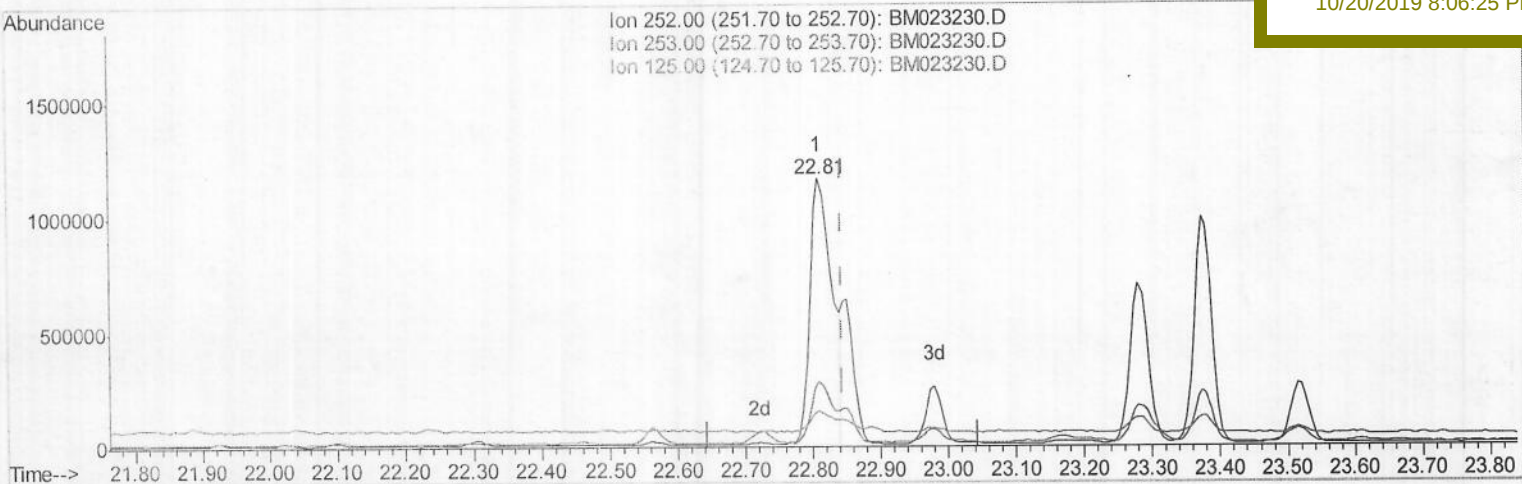
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Manual Integrations
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(89) Benzo(k)fluoranthene
22.809min (-0.035) 19.62ng/ul
response 2594134

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.02
125.00	8.10	12.98#
0.00	0.00	0.00

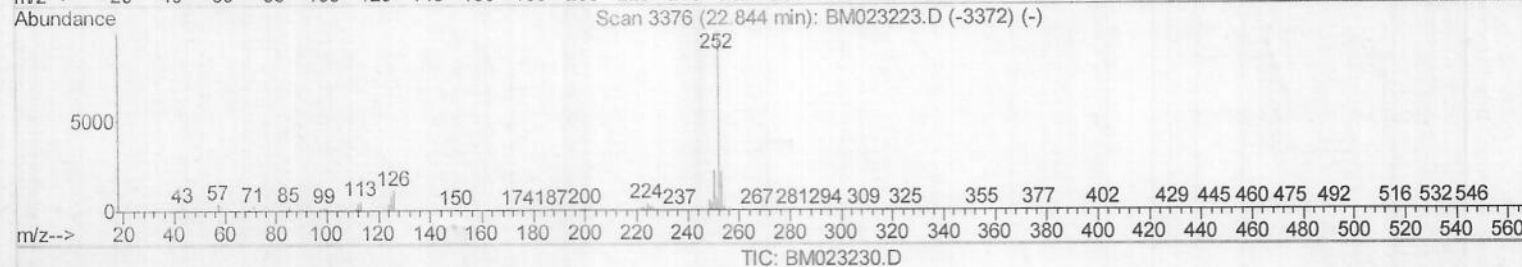
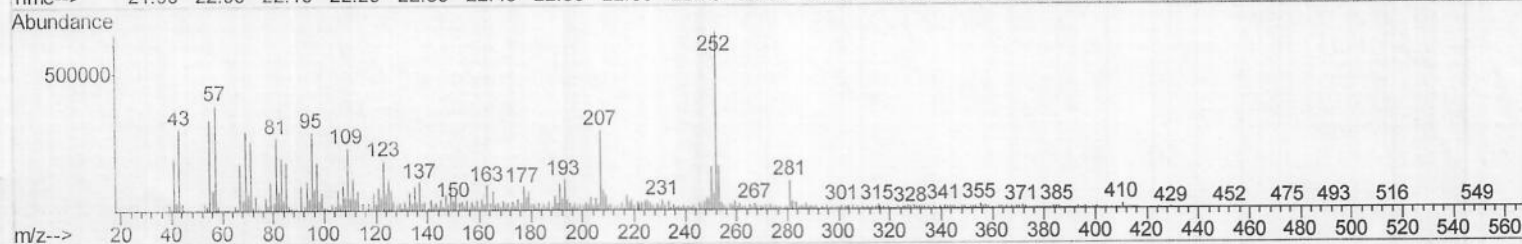
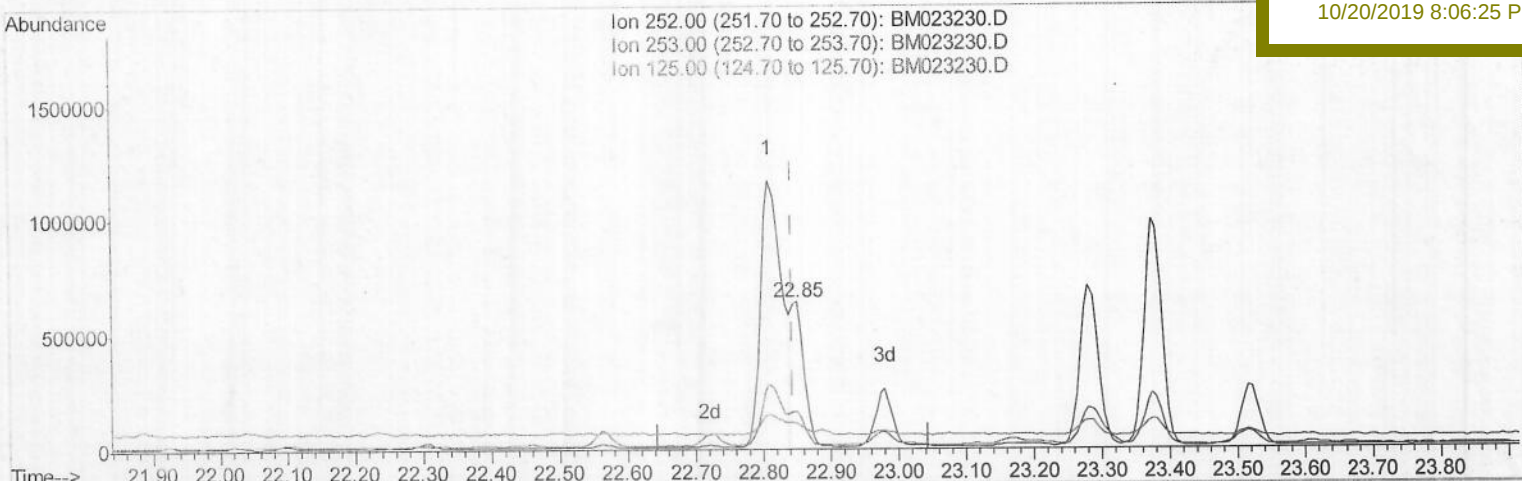
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(89) Benzo(k)fluoranthene

22.851min (+0.006) 6.18ng/ul m y JU 10/21/19

response 817804

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.67
125.00	8.10	17.80#
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	366970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1433782	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	879458	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1744413	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1831053	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	2271307	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	31267	3.75	ng/uL	0.00
5) Phenol-d5	6.84	99	590755	18.48	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.00	67	335570	18.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	490594	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	457527	17.82	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	233835	24.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	253281	27.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	499176	21.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	338095	11.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1444779	21.44	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1718809	21.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	191392	17.54	ng/ul	0.00
58) Fluorene-d10	15.30	176	1283448	22.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	125611	18.16	ng/ul	0.00
71) Anthracene-d10	17.15	188	1959923	23.30	ng/ul	0.00
79) Pyrene-d10	19.45	212	2180213	24.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	2721388	23.64	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	6.86	94	98533	2.990	ng/ul	97
28) Naphthalene	10.49	128	105793	1.428	ng/ul	97
30) 4-Chloroaniline	10.60	127	251859	8.518	ng/ul	97
45) Dimethylphthalate	13.77	163	606311	8.988	ng/ul	99
48) Acenaphthylene	14.03	152	200272	2.478	ng/ul	99
50) Acenaphthene	14.37	153	96526	1.715	ng/ul	97
59) Fluorene	15.36	166	93560	1.427	ng/ul	98
67) Hexachlorobenzene	16.37	284	96389	4.036	ng/ul	98
70) Phenanthrene	17.10	178	1467896	14.994	ng/ul	99
72) Anthracene	17.19	178	381247	3.769	ng/ul	96
75) Carbazole	17.46	167	181713	2.011	ng/ul	99
77) Fluoranthene	19.12	202	2826136	24.274	ng/ul	97
80) Pyrene	19.48	202	2395772	20.886	ng/ul	98
81) Butylbenzylphthalate	20.40	149	54625	1.369	ng/ul#	67
83) Benzo(a)anthracene	21.24	228	1492283	12.028	ng/ul	92
84) Bis(2-ethylhexyl)phthalate	21.20	149	499003	7.866	ng/ul#	97
85) Chrysene	21.29	228	1533224m	13.309	ng/ul	93
88) Benzo(b)fluoranthene	22.81	252	2594134	18.838	ng/ul#	93
89) Benzo(k)fluoranthene	22.85	252	817804m	6.185	ng/ul	93
91) Benzo(a)pyrene	23.37	252	1765525	13.363	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.70	276	1512836	9.625	ng/ul	97
93) Dibenzo(a,h)anthracene	25.70	278	383999	2.922	ng/ul#	85
94) Benzo(g,h,i)perylene	26.37	276	1573692	12.161	ng/ul	98

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed