

Data File : BM023233.D

Acq On : 17 Oct 2019 23:18

Operator : JU

Sample : K5236-10

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 18 07:34:03 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

ClientSampleId :

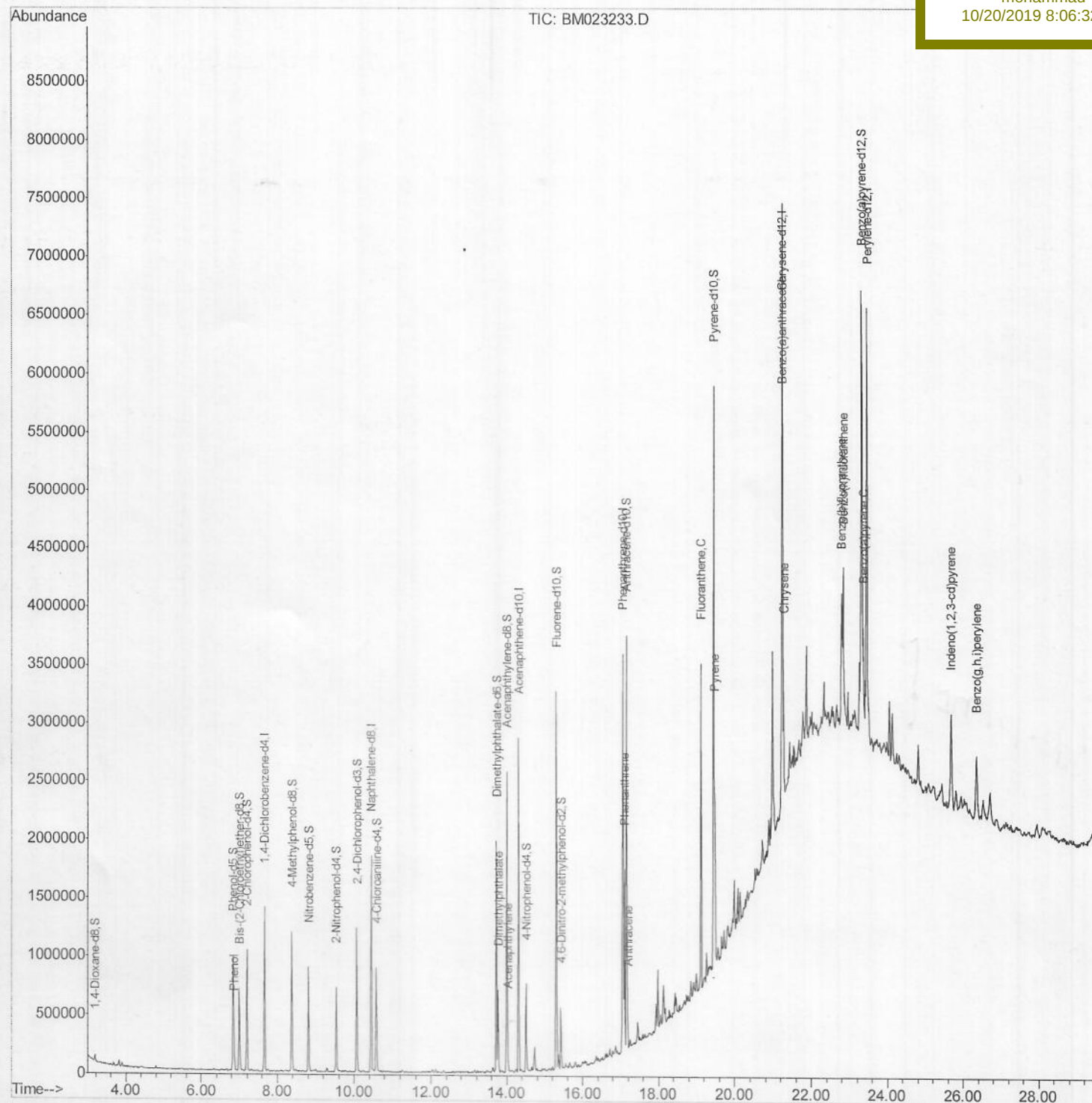
BEPL9

Manual Integrations

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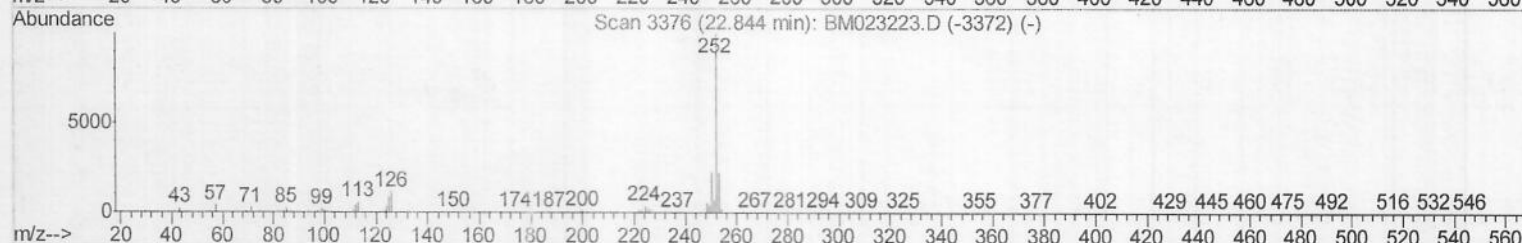
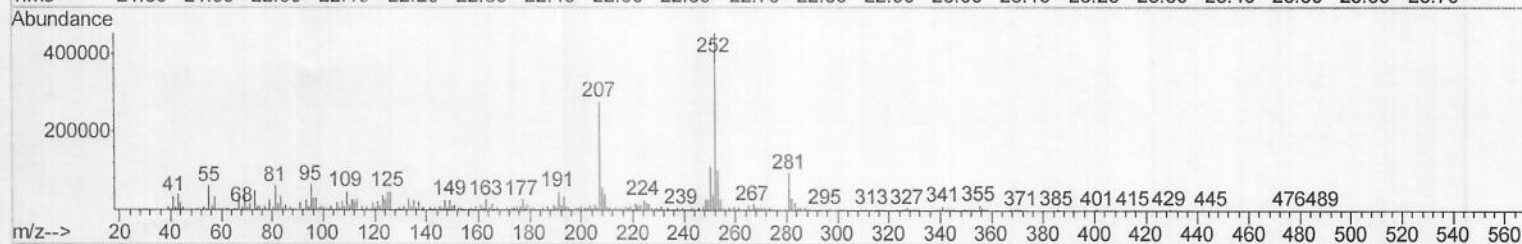
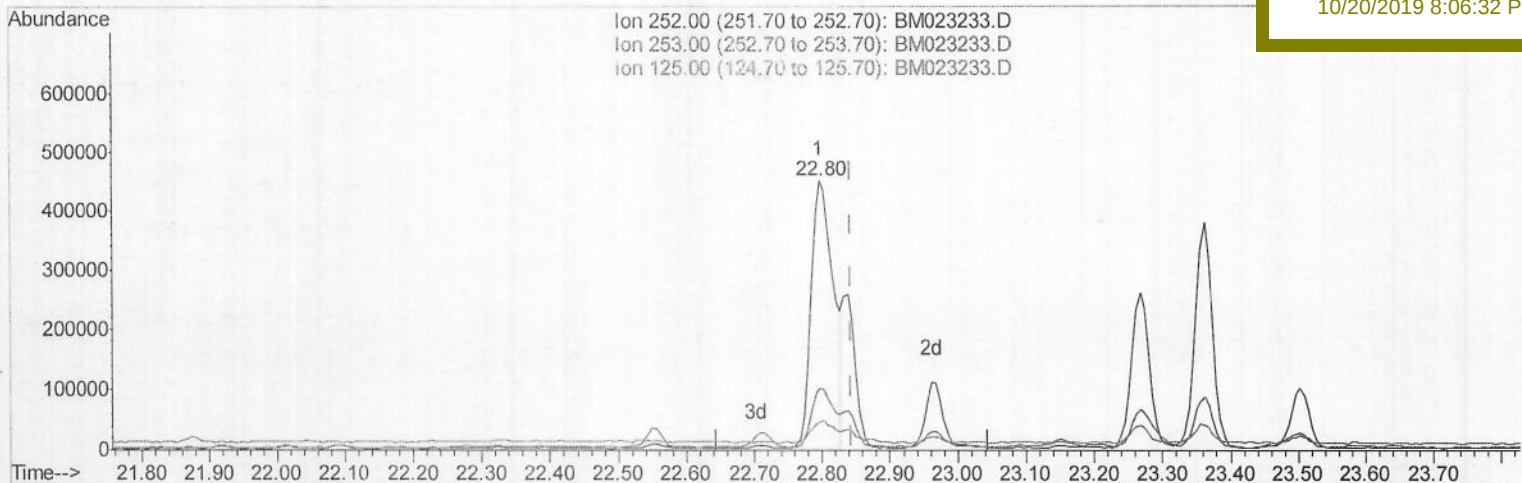
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TIC: BM023233.D

(89) Benzo(k)fluoranthene

22.797min (-0.047) 6.63ng/ul

response 1013597

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.56
125.00	8.10	10.59#
0.00	0.00	0.00

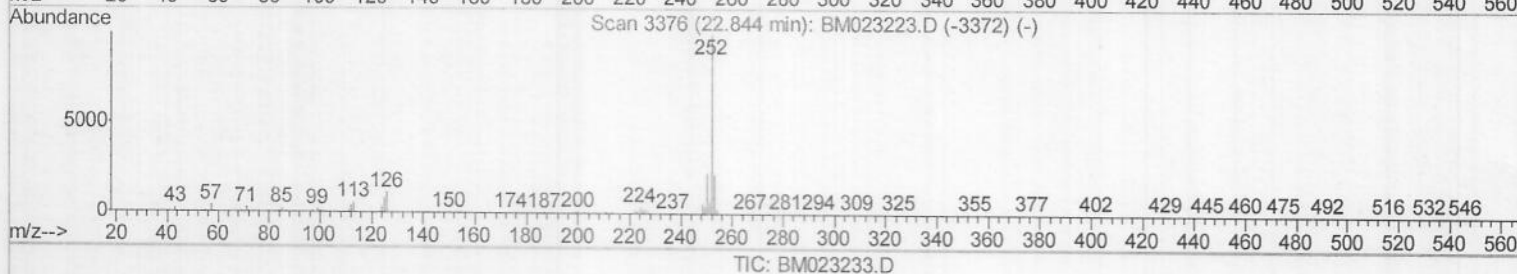
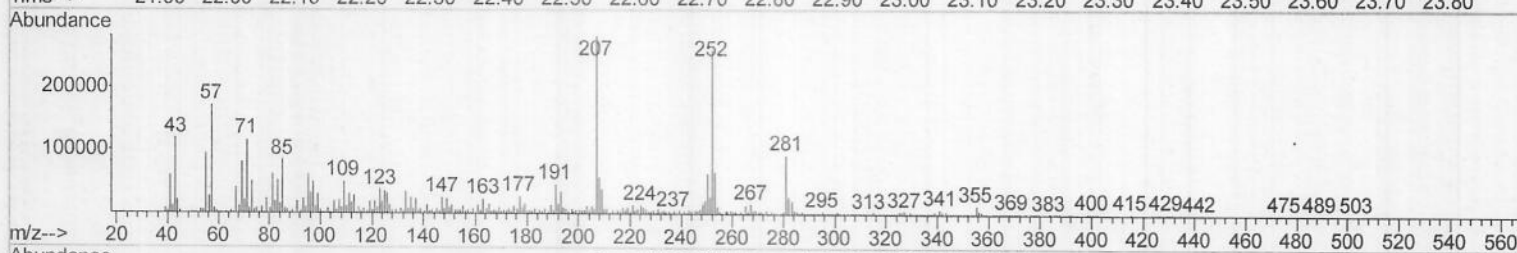
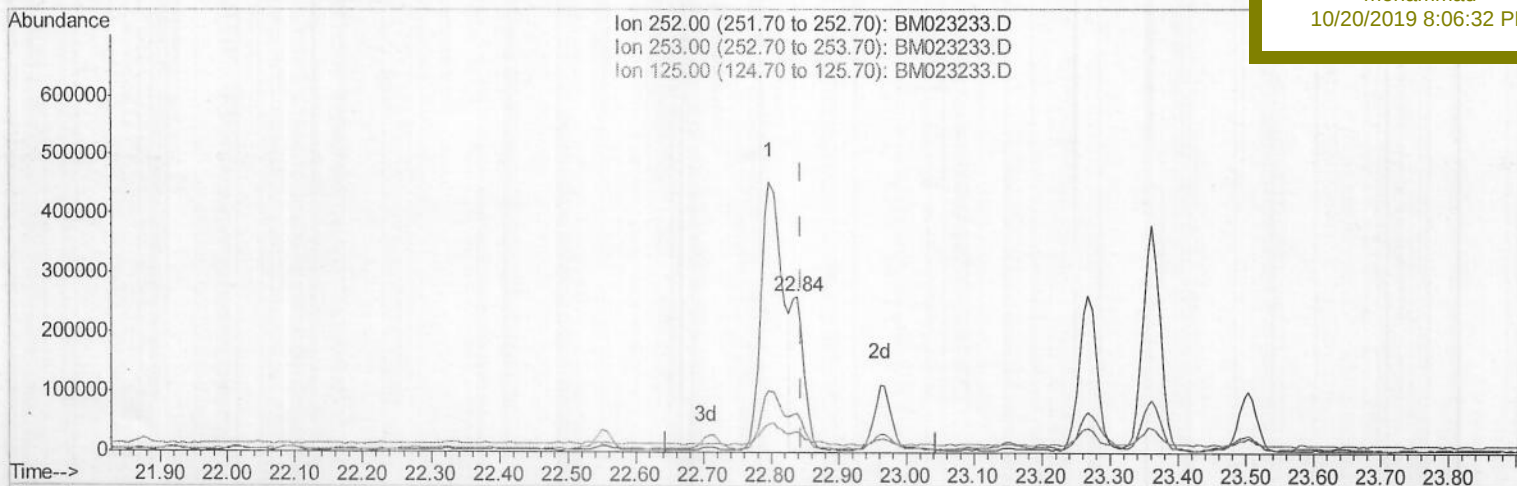
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
BEPL9

Manual Integrations
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(89) Benzo(k)fluoranthene

22.838min (-0.006) 2.21ng/ul m

3 JU 10/21/19

response 338339

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.51
125.00	8.10	13.29#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration

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BNA_M

ClientSampleId :

BEPL9

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	378939	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1511626	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	956592	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1985440	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2082942	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2624315	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	28343	3.29	ng/uL	0.00
5) Phenol-d5	6.84	99	546766	16.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	306854	16.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	453357	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	427530	16.13	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	214297	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	238672	24.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	469606	18.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	491838	16.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1368384	18.67	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1669970	19.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	178841	15.07	ng/ul	0.00
58) Fluorene-d10	15.30	176	1244317	19.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	109236	13.88	ng/ul	0.00
71) Anthracene-d10	17.15	188	1987353	20.76	ng/ul	0.00
79) Pyrene-d10	19.45	212	2359817	23.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2966514	22.30	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.86	94	83108	2.442	ng/ul 98
45) Dimethylphthalate	13.77	163	459546	6.263	ng/ul 99
48) Acenaphthylene	14.03	152	155009	1.763	ng/ul 99
70) Phenanthrene	17.10	178	938025	8.418	ng/ul 99
72) Anthracene	17.19	178	199336	1.731	ng/ul 98
77) Fluoranthene	19.12	202	1645866	12.420	ng/ul 99
80) Pyrene	19.48	202	1201709	9.209	ng/ul 99
83) Benzo(a)anthracene	21.23	228	744634	5.276	ng/ul 96
85) Chrysene	21.28	228	678453	5.177	ng/ul 96
88) Benzo(b)fluoranthene	22.80	252	1013597	6.370	ng/ul# 97
89) Benzo(k)fluoranthene	22.84	252	338339m	2.215	ng/ul
91) Benzo(a)pyrene	23.36	252	672992	4.409	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.67	276	594399	3.273	ng/ul 98
94) Benzo(g,h,i)perylene	26.35	276	644792	4.312	ng/ul 99

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

JU 10/21/19