

Data File : BM025002.D
Acq On : 22 Feb 2020 00:22
Operator : CG/JU
Sample : L1507-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD02

Quant Time: Feb 22 01:20:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	131424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	499737	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	328107	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	723788	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	806802	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1051134	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	2906	1.06	ng/uL	0.00
5) Phenol-d5	6.55	99	34290	3.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.70	67	25441	5.16	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	32871	4.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.07	113	22677	3.08	ng/ul	0.01
19) Nitrobenzene-d5	8.48	128	14443	4.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	13050	3.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	18813	2.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.26	131	20596	2.56	ng/ul	0.02
44) Dimethylphthalate-d6	13.43	166	132008	5.33	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	143023	4.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	222	0.06	ng/ul	0.07
58) Fluorene-d10	15.00	176	121643	5.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.15	200	5910	1.25	ng/ul	0.01
71) Anthracene-d10	16.85	188	164345	4.97	ng/ul	0.00
79) Pyrene-d10	19.16	212	250249	6.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	314721	5.96	ng/ul	0.00

Target Compounds

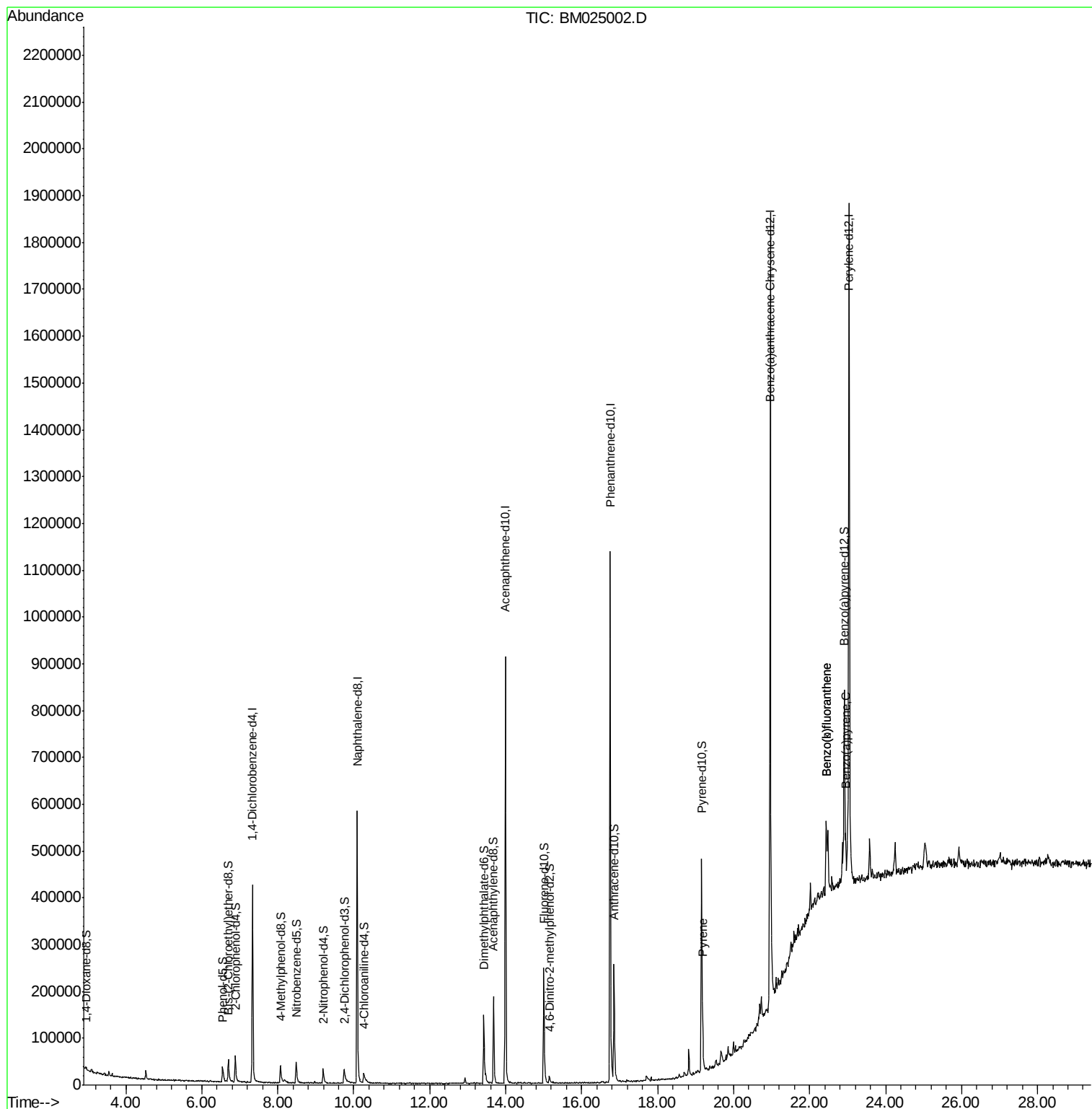
					Qvalue
80) Pyrene	19.19	202	89675	1.679 ng/ul	99
83) Benzo(a)anthracene	20.95	228	62321	1.147 ng/ul	97
88) Benzo(b)fluoranthene	22.44	252	125617	1.879 ng/ul#	94
89) Benzo(k)fluoranthene	22.44	252	125617	1.953 ng/ul#	94
91) Benzo(a)pyrene	22.95	252	64796	1.081 ng/ul#	95

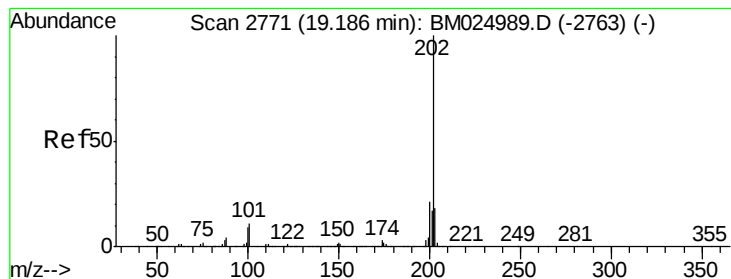
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#80

Pyrene

Concen: 1.679 ng/ul

RT: 19.19 min Scan# 2771

Delta R.T. -0.00 min

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BNA_M

ClientSampleId :

DBD02

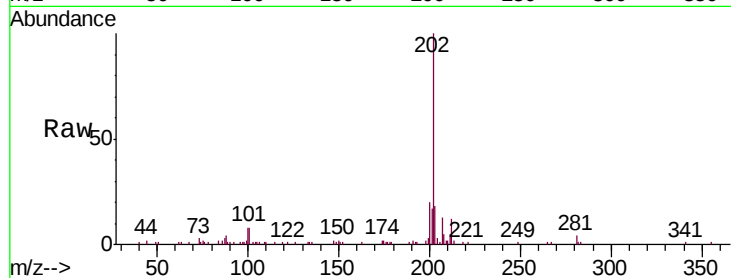
Tgt Ion:202 Resp: 89675

Ion Ratio Lower Upper

202 100

101 8.4 7.0 10.4

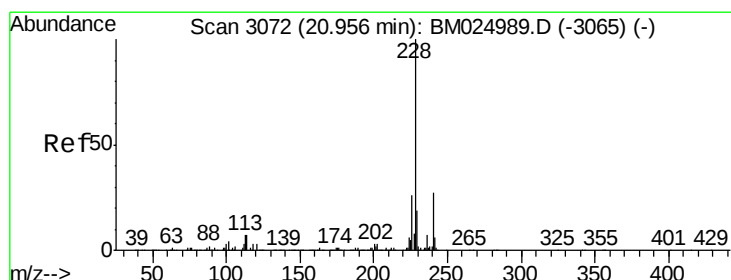
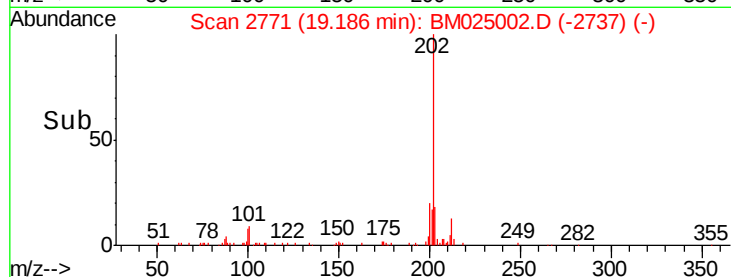
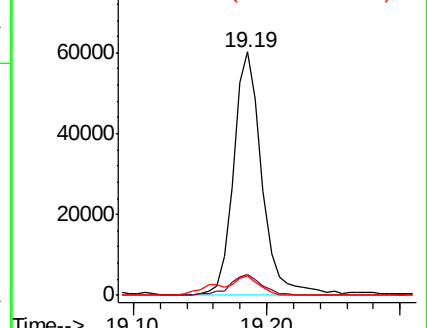
100 8.0 5.8 8.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83

Benzo(a)anthracene

Concen: 1.147 ng/ul

RT: 20.95 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BM025002.D

Acq: 22 Feb 2020 00:22

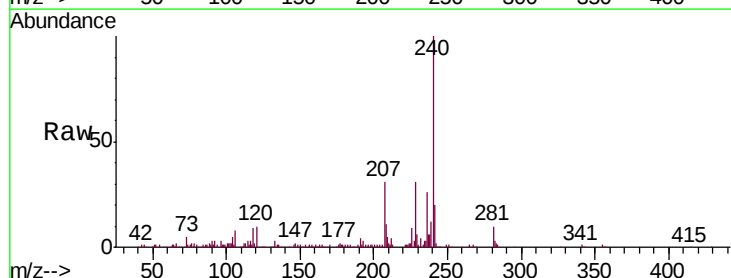
Tgt Ion:228 Resp: 62321

Ion Ratio Lower Upper

228 100

229 19.2 15.9 23.9

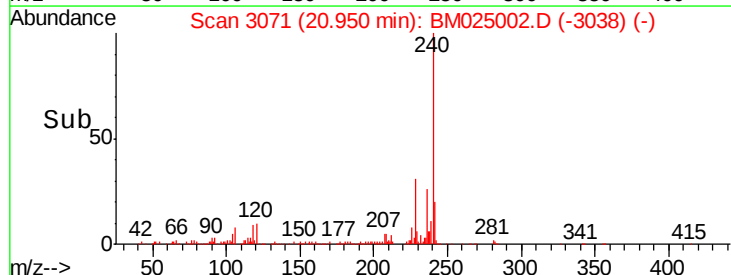
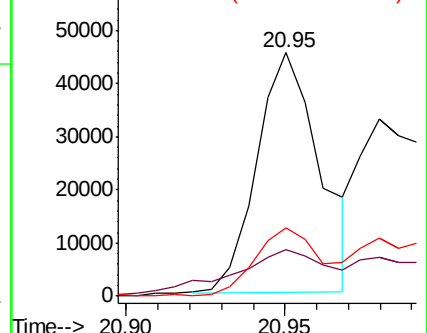
226 28.0 20.8 31.2

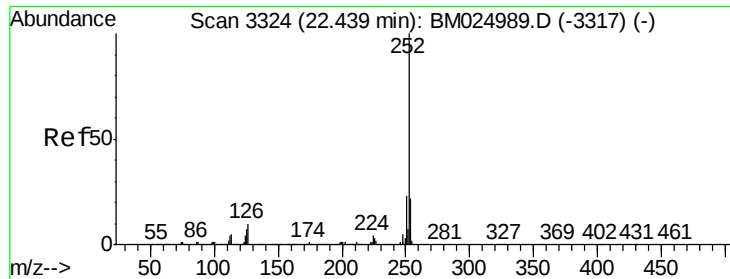


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#88

Benzo(b)fluoranthene

Concen: 1.879 ng/ul

RT: 22.44 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BM025002.D

Acq: 22 Feb 2020 00:22

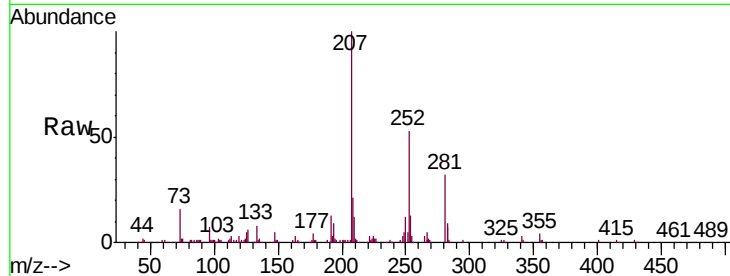
Instrument :

BNA_M

ClientSampleId :

DBD02

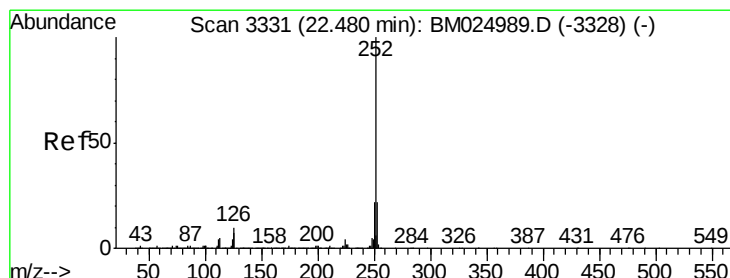
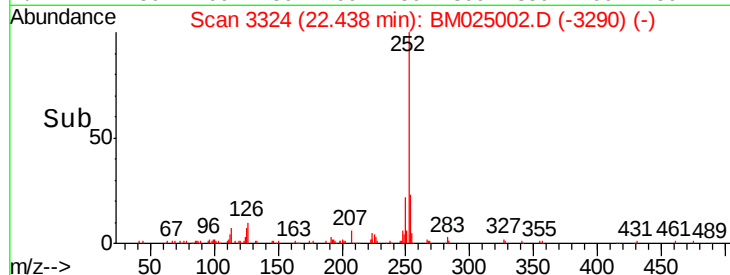
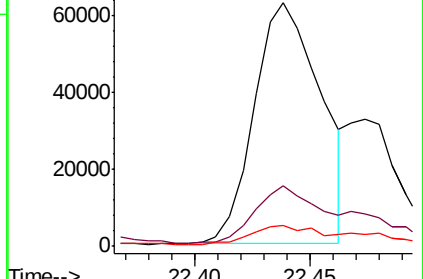
Tgt Ion:	252	Resp:	125617
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.3	25.9
125	8.5	5.1	7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 1.953 ng/ul

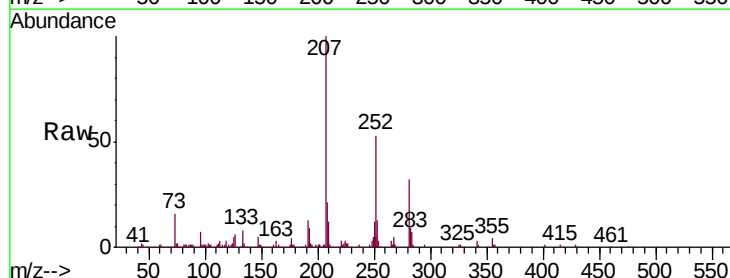
RT: 22.44 min Scan# 3324

Delta R.T. -0.04 min

Lab File: BM025002.D

Acq: 22 Feb 2020 00:22

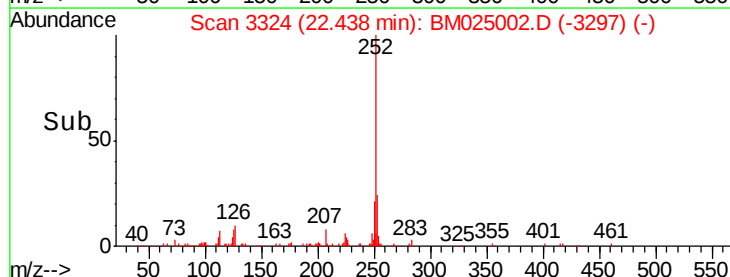
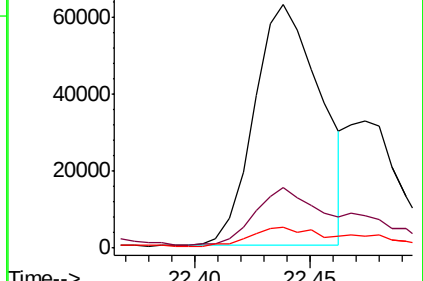
Tgt Ion:	252	Resp:	125617
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.0
125	8.5	5.1	7.7#

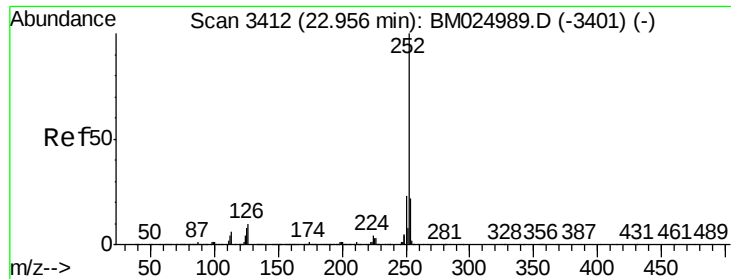


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.081 ng/ul

RT: 22.95 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BM025002.D

Acq: 22 Feb 2020 00:22

Instrument :

BNA_M

ClientSampleId :

DBD02

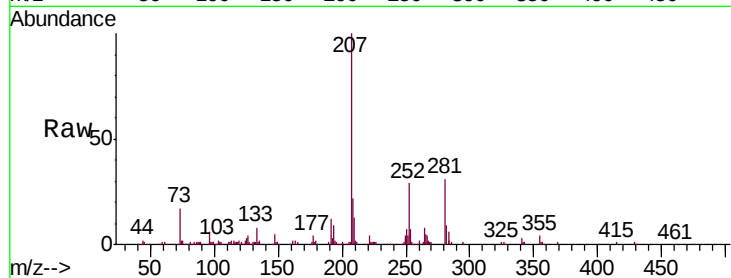
Tgt Ion:252 Resp: 64796

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

125 10.4 5.6 8.4#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

