

Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6M8

Quant Time: Feb 14 06:02:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 05:59:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	472001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1714832	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	1040478	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	2110545	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	2111243	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2210196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	46624	4.75	ng/uL	0.00
5) Phenol-d5	6.60	99	782914	24.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	476183	26.89	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	670914	23.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	609240	23.03	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	317704	25.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	369202	25.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	665782	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	693365	25.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1892851	24.10	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2241077	24.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	261161	20.46	ng/ul	0.00
58) Fluorene-d10	15.05	176	1662782	23.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	288862	21.00	ng/ul	0.00
71) Anthracene-d10	16.90	188	2271943	23.58	ng/ul	0.00
79) Pyrene-d10	19.20	212	2814218	26.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	3008338	27.10	ng/ul	0.00

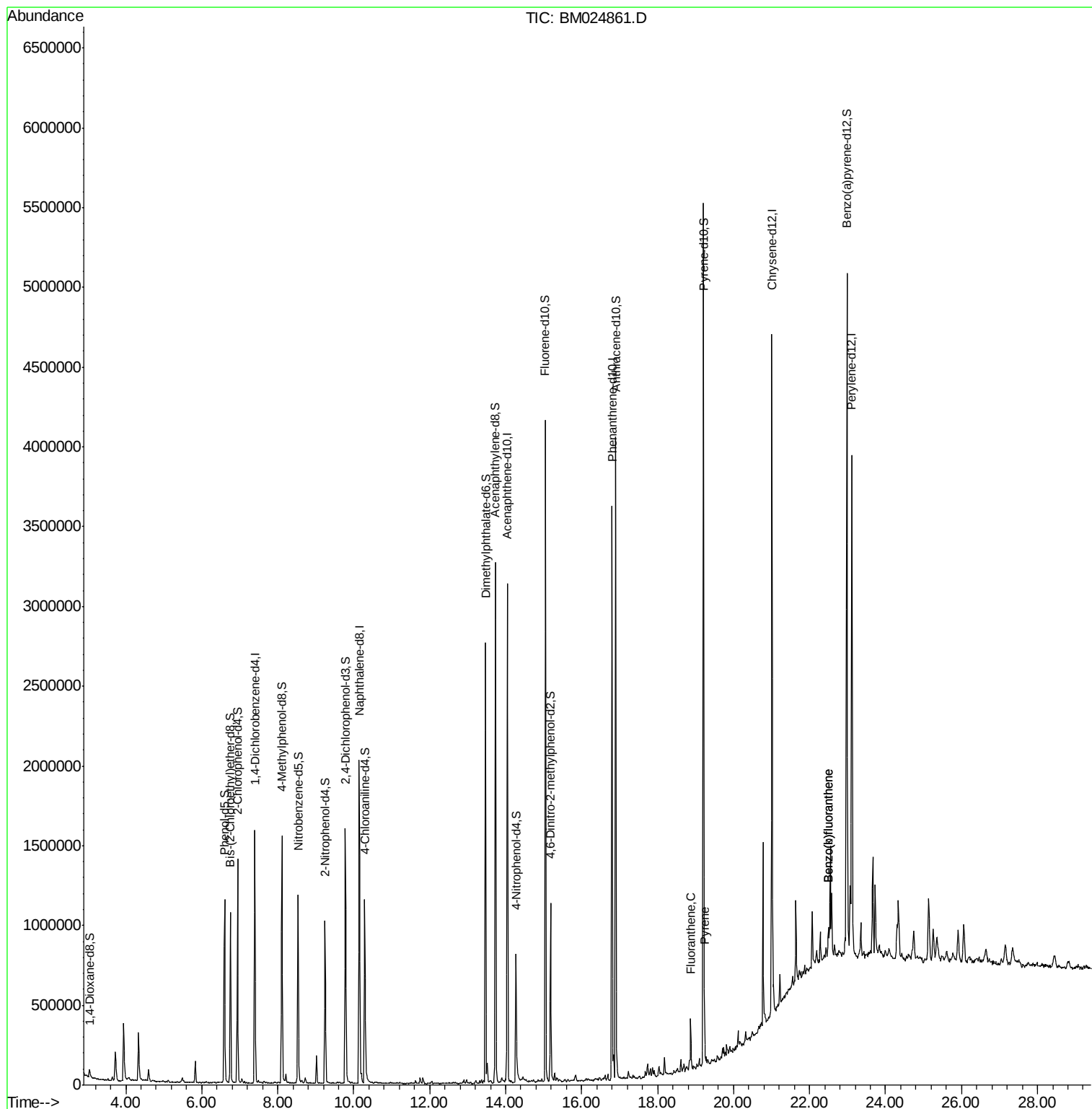
Target Compounds					Qvalue
77) Fluoranthene	18.87	202	188470	1.334 ng/ul	97
80) Pyrene	19.23	202	168863	1.208 ng/ul#	96
88) Benzo(b)fluoranthene	22.50	252	148530	1.057 ng/ul#	96
89) Benzo(k)fluoranthene	22.50	252	148530	1.098 ng/ul#	96

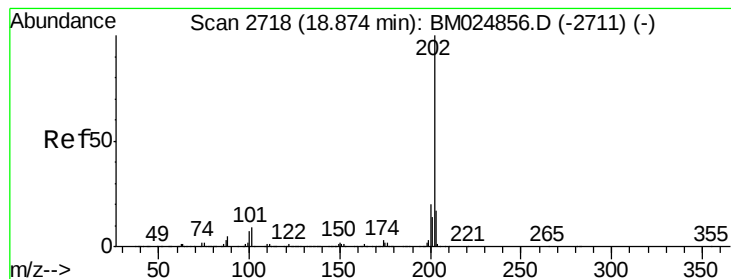
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#77

Fluoranthene

Concen: 1.334 ng/ul

RT: 18.87 min Scan# 2717

Delta R.T. -0.01 min

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BNA_M

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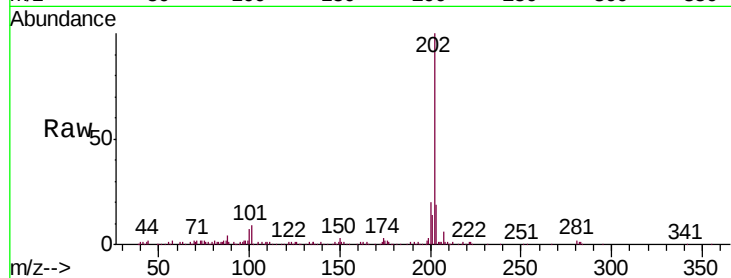
Tgt Ion:202 Resp: 188470

Ion Ratio Lower Upper

202 100

101 8.8 6.1 9.1

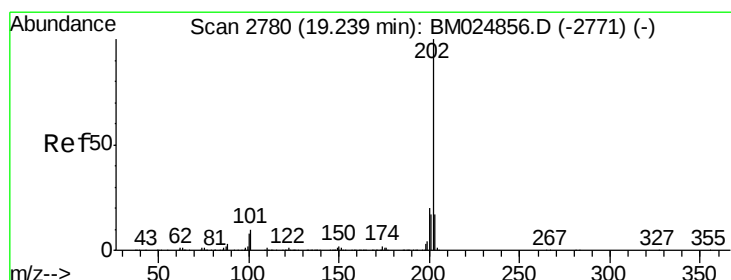
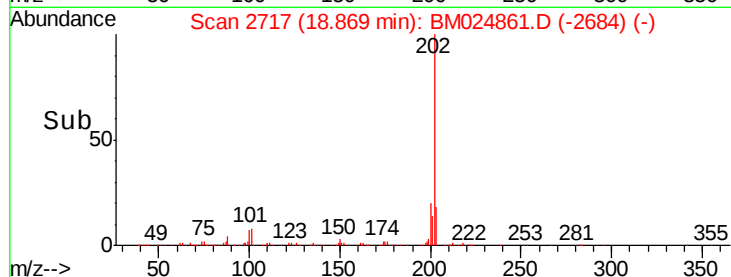
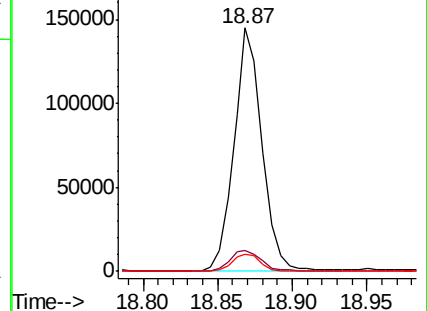
100 6.8 4.8 7.2



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



#80

Pyrene

Concen: 1.208 ng/ul

RT: 19.23 min Scan# 2779

Delta R.T. -0.01 min

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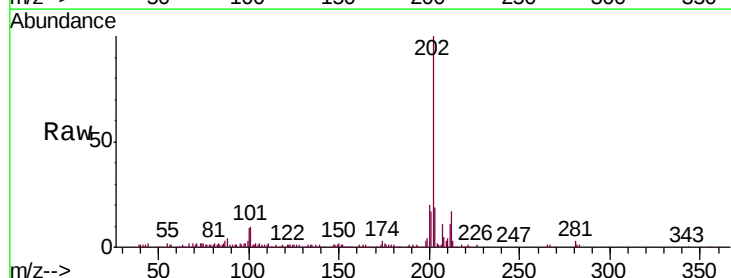
Tgt Ion:202 Resp: 168863

Ion Ratio Lower Upper

202 100

101 9.8 7.0 10.4

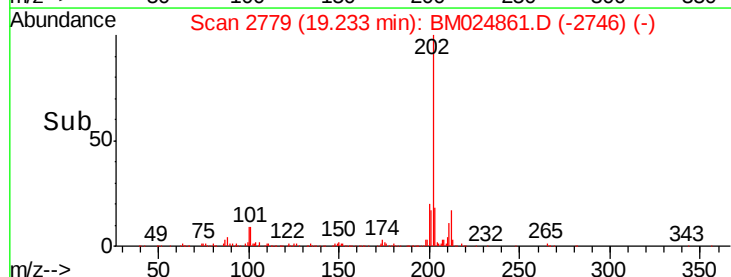
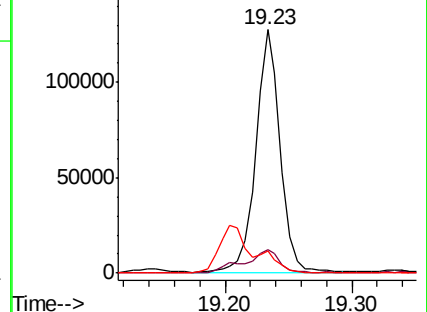
100 9.0 5.8 8.8#

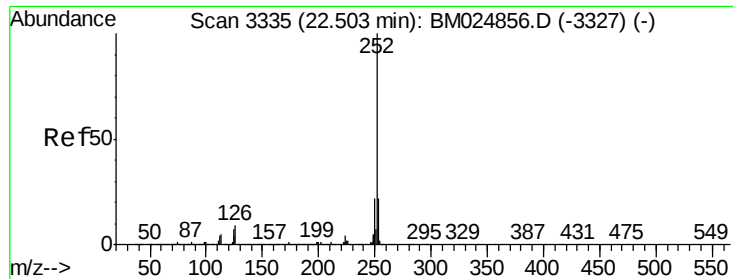


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#88

Benzo(b)fluoranthene

Concen: 1.057 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BM024861.D

Acq: 13 Feb 2020 18:38

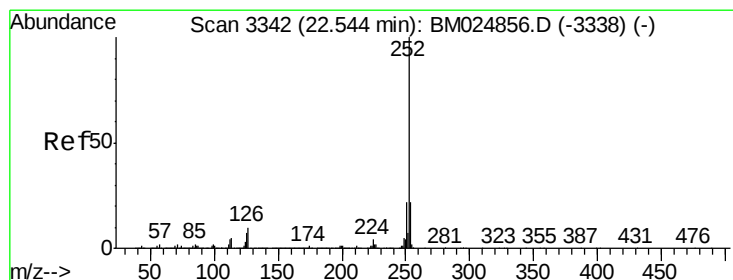
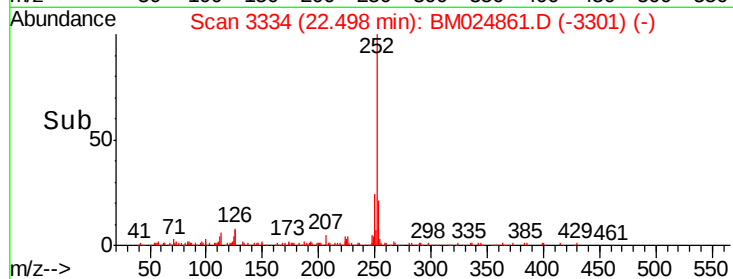
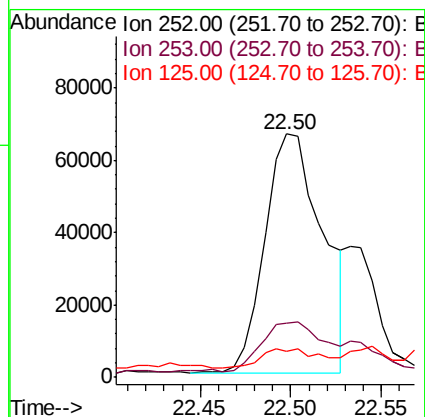
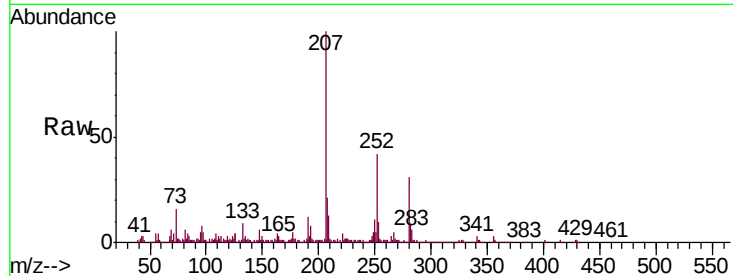
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Tgt Ion:	252	Resp:	148530
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	10.5	5.1	7.7#



#89

Benzo(k)fluoranthene

Concen: 1.098 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. -0.05 min

Lab File: BM024861.D

Acq: 13 Feb 2020 18:38

Tgt Ion:	252	Resp:	148530
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	10.5	5.1	7.7#

