

Data File : BM024860.D
Acq On : 13 Feb 2020 18:02
Operator : CG/JU
Sample : L1404-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6M7

Quant Time: Feb 14 06:02:27 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	351115	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1242793	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	757268	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1586550	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1615453	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	1753367	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	43288	5.93	ng/uL	0.00
5) Phenol-d5	6.60	99	690048	29.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	419666	31.86	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	589273	28.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	506614	25.74	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	278016	30.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	318730	30.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	576545	26.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	559798	27.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1709064	29.90	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2032099	30.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	227133	24.45	ng/ul	0.00
58) Fluorene-d10	15.05	176	1498724	29.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	242461	23.44	ng/ul	0.00
71) Anthracene-d10	16.90	188	2016647	27.84	ng/ul	0.00
79) Pyrene-d10	19.20	212	2490430	30.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2732191	31.03	ng/ul	0.00

Target Compounds

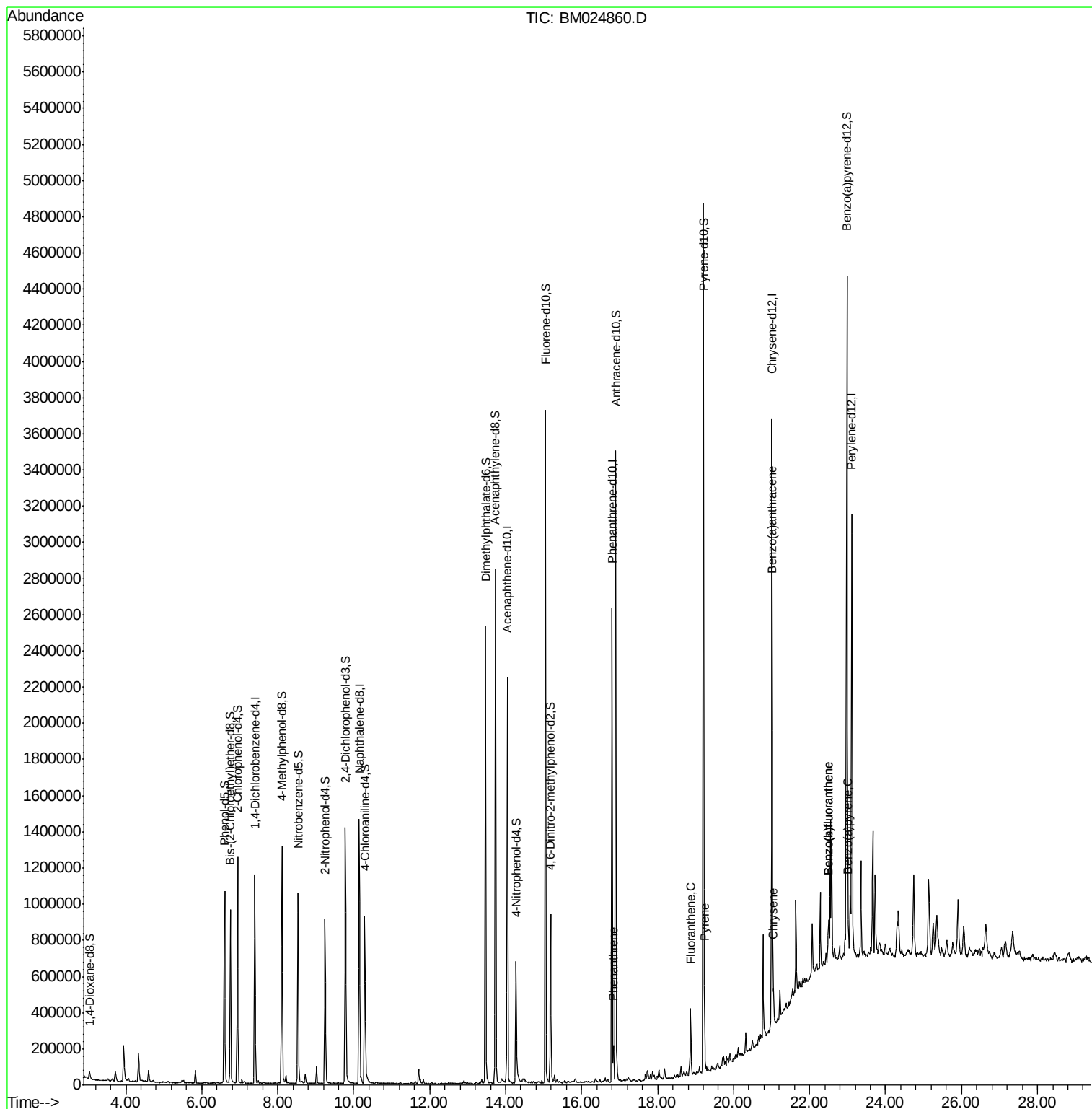
					Qvalue	
70) Phenanthrene	16.84	178	112087	1.296	ng/ul	99
77) Fluoranthene	18.87	202	224727	2.116	ng/ul#	96
80) Pyrene	19.23	202	195517	1.828	ng/ul	97
83) Benzo(a)anthracene	21.00	228	132859	1.221	ng/ul	97
85) Chrysene	21.04	228	136536	1.274	ng/ul	98
88) Benzo(b)fluoranthene	22.50	252	189953	1.704	ng/ul#	95
89) Benzo(k)fluoranthene	22.50	252	189953	1.770	ng/ul#	95
91) Benzo(a)pyrene	23.02	252	119667	1.197	ng/ul#	97

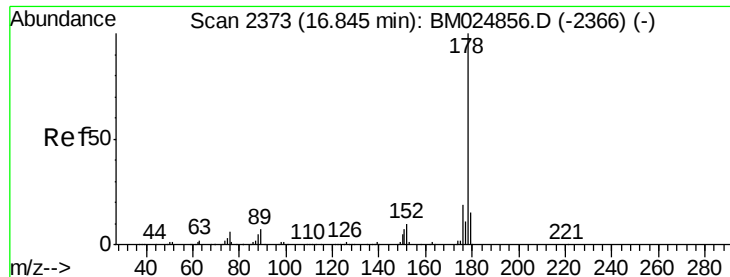
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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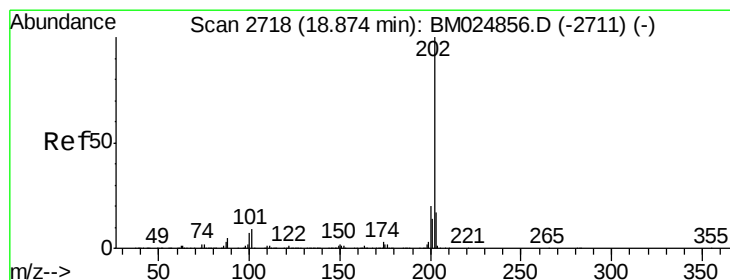
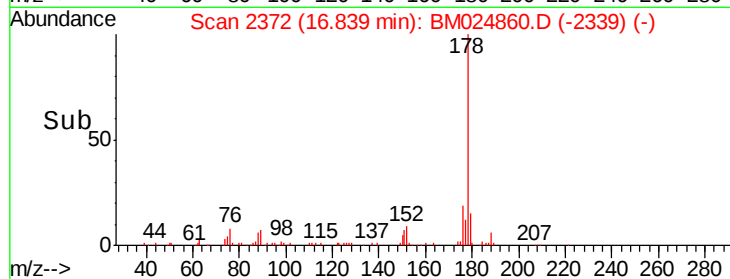
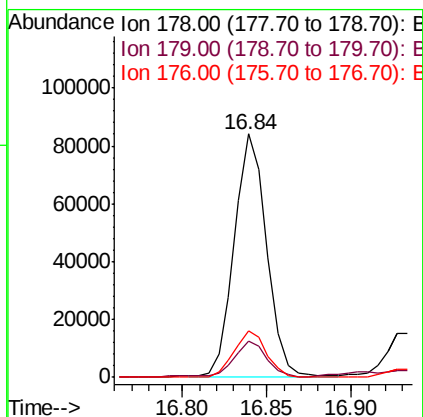
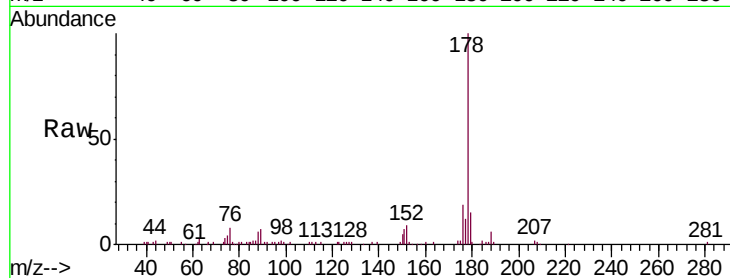




#70
Phenanthrene
Concen: 1.296 ng/ul
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024860.D
Acq: 13 Feb 2020 18:02

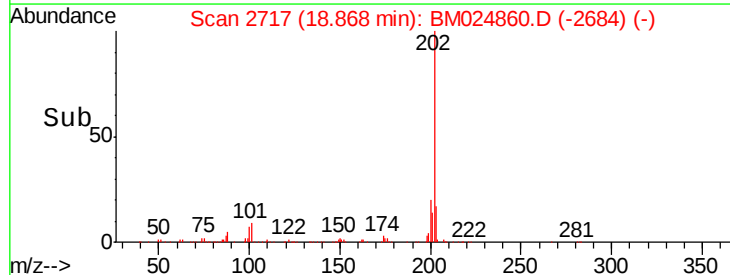
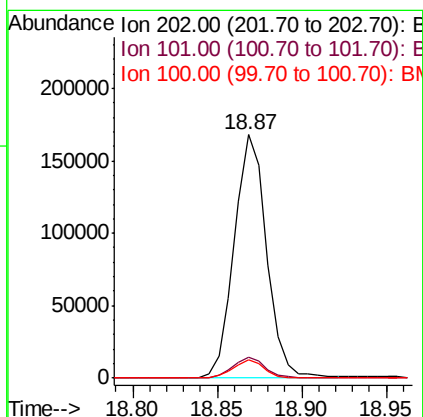
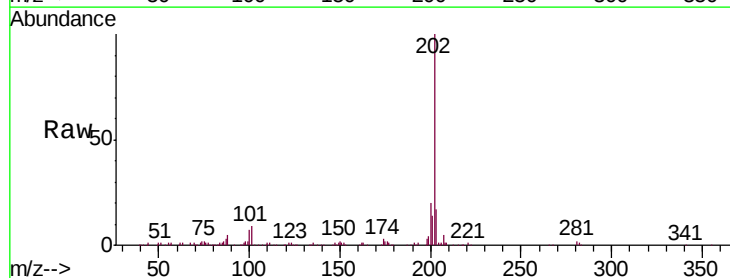
Instrument :
BNA_M
ClientSampleId :
CB6M7

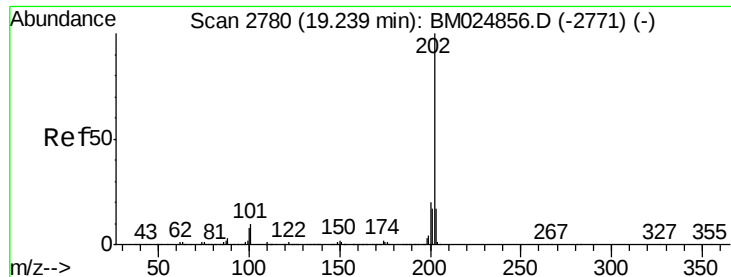
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	18.9	14.5	21.7



#77
Fluoranthene
Concen: 2.116 ng/ul
RT: 18.87 min Scan# 2717
Delta R.T. -0.01 min
Lab File: BM024860.D
Acq: 13 Feb 2020 18:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.1	9.1
100	7.4	4.8	7.2#





#80

Pyrene

Concen: 1.828 ng/ul

RT: 19.23 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM024860.D

Acq: 13 Feb 2020 18:02

Instrument :

BNA_M

ClientSampleId :

CB6M7

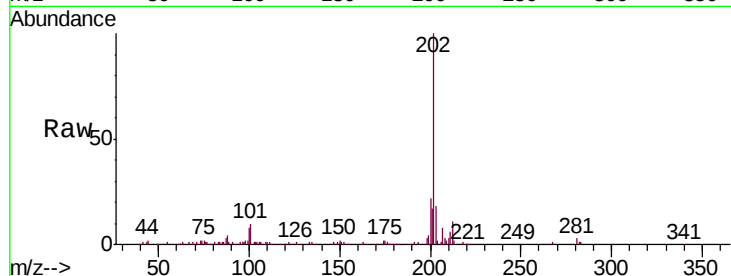
Tgt Ion:202 Resp: 195517

Ion Ratio Lower Upper

202 100

101 9.7 7.0 10.4

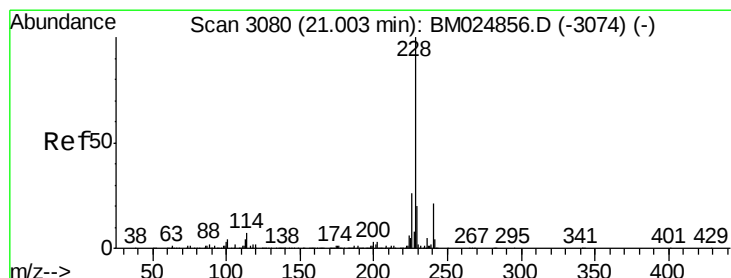
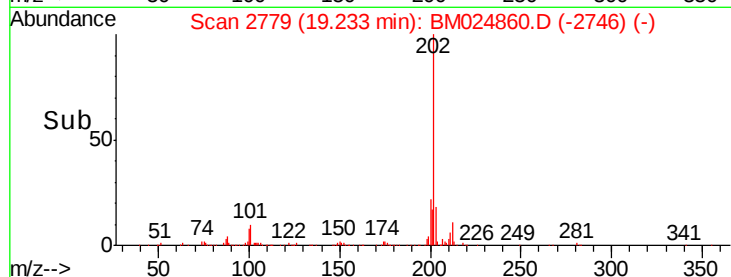
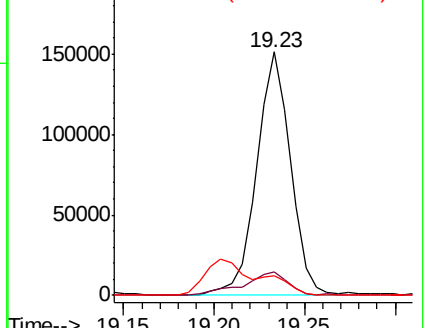
100 8.1 5.8 8.8



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: 1.221 ng/ul

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM024860.D

Acq: 13 Feb 2020 18:02

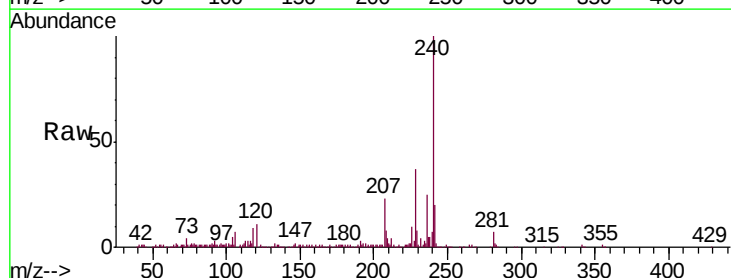
Tgt Ion:228 Resp: 132859

Ion Ratio Lower Upper

228 100

229 21.5 15.9 23.9

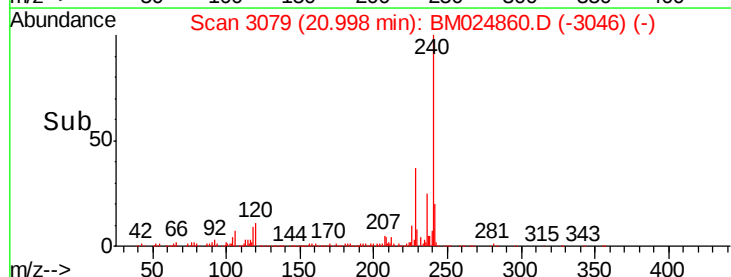
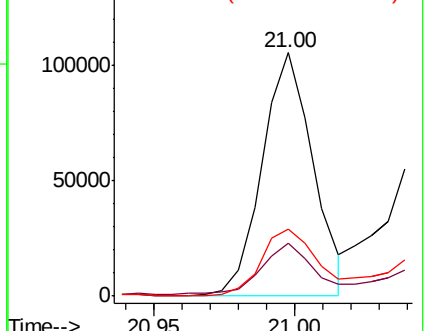
226 27.4 20.8 31.2

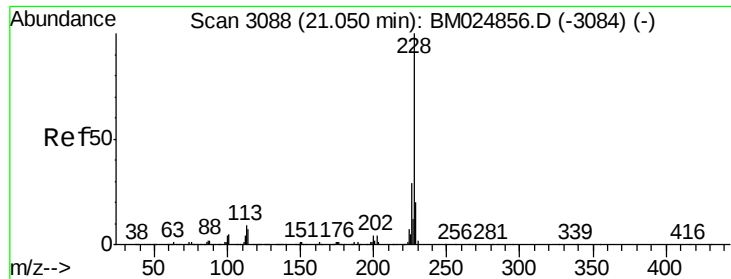


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.274 ng/u1

RT: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024860.D

Acq: 13 Feb 2020 18:02

Instrument :

BNA_M

ClientSampled :

CB6M7

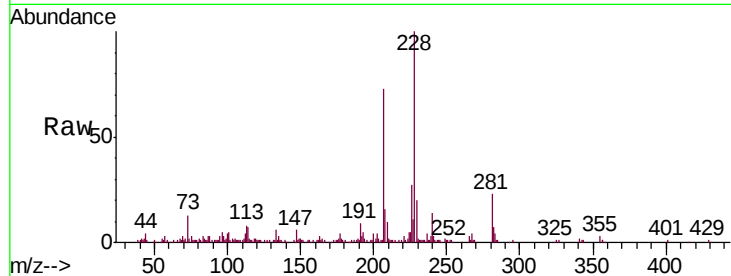
Tgt Ion:228 Resp: 136536

Ion Ratio Lower Upper

228 100

226 26.8 23.0 34.4

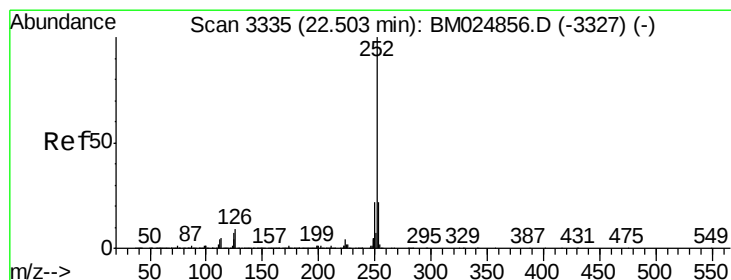
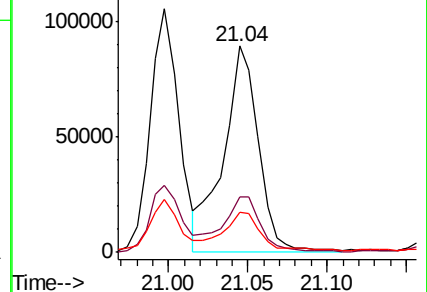
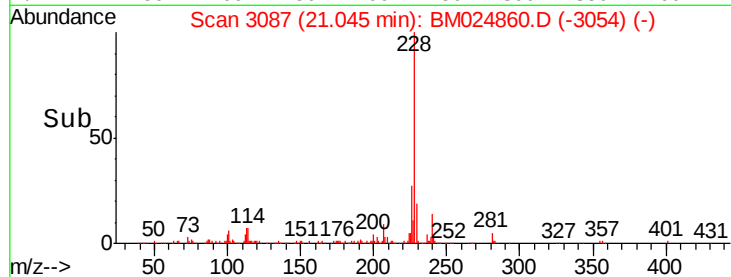
229 19.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 1.704 ng/u1

RT: 22.50 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BM024860.D

Acq: 13 Feb 2020 18:02

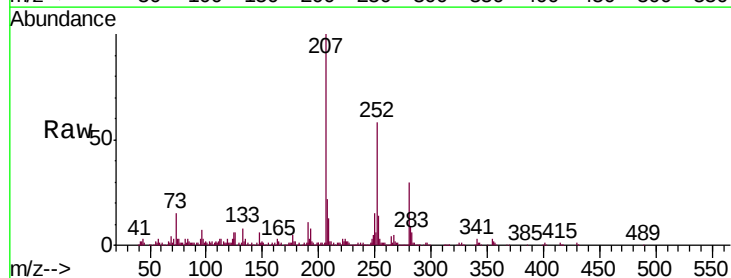
Tgt Ion:252 Resp: 189953

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

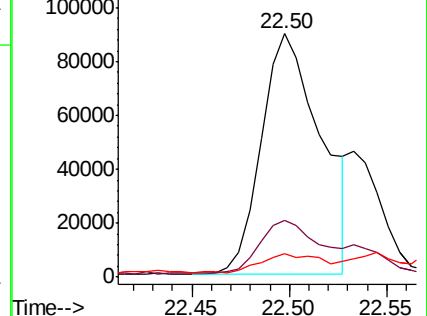
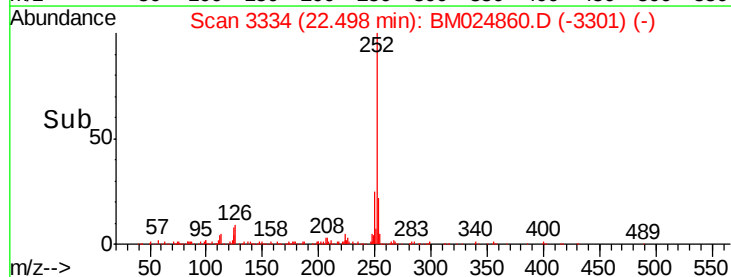
125 9.6 5.1 7.7#

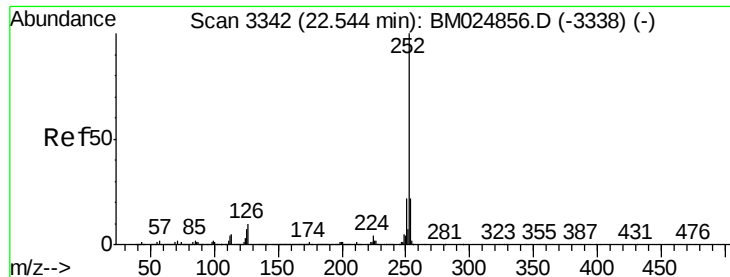


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.770 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. -0.05 min

Lab File: BM024860.D

Acq: 13 Feb 2020 18:02

Instrument :

BNA_M

ClientSampleId :

CB6M7

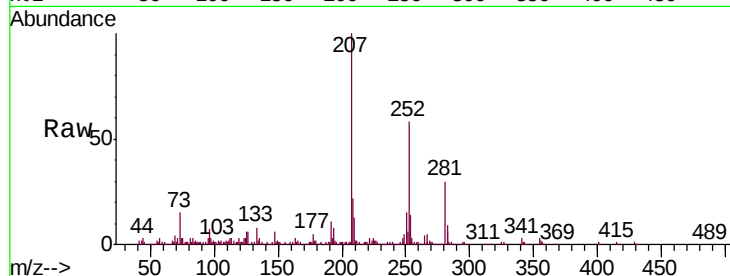
Tgt Ion:252 Resp: 189953

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

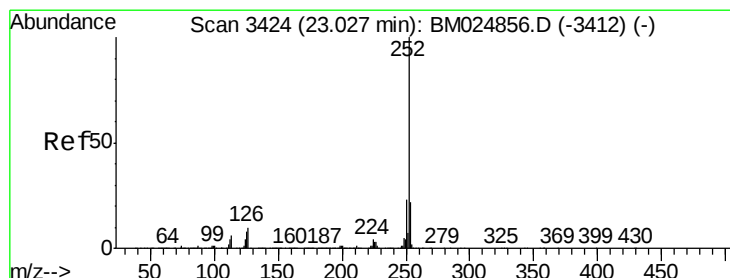
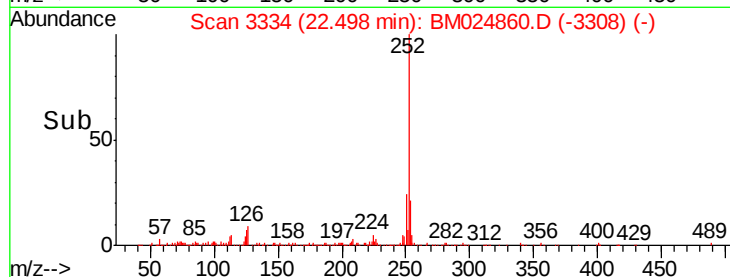
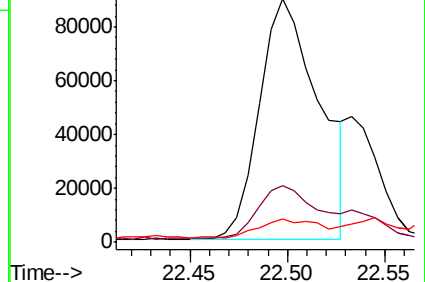
125 9.6 5.1 7.7#



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: 1.197 ng/ul

RT: 23.02 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BM024860.D

Acq: 13 Feb 2020 18:02

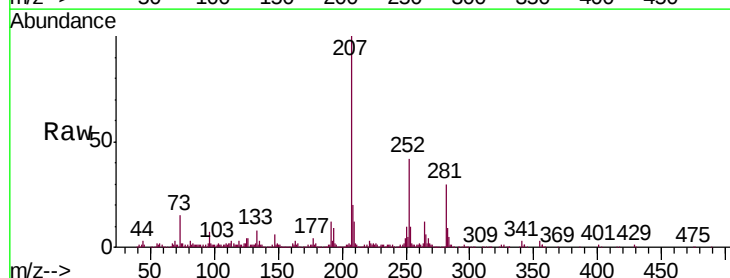
Tgt Ion:252 Resp: 119667

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 9.4 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

