

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020470.D
 Acq On : 21 May 2019 21:20
 Operator : JU/SJ
 Sample : K2923-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4262

Quant Time: May 22 04:57:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	55918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	199504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	122193	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	310690	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	350086	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	395461	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	6287	4.15	ng/uL	0.00
5) Phenol-d5	6.89	99	86650	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	54385	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	67341	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	56408	17.36	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	27853	21.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	30234	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	62973	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	55941	17.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	196405	22.34	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	238080	21.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	13321	10.44	ng/ul	0.00
57) Fluorene-d10	15.37	176	178498	22.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	20913	11.82	ng/ul	0.00
70) Anthracene-d10	17.23	188	290923	21.83	ng/ul	0.00
78) Pyrene-d10	19.53	212	394439	23.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	430558	23.96	ng/ul	-0.01

Target Compounds

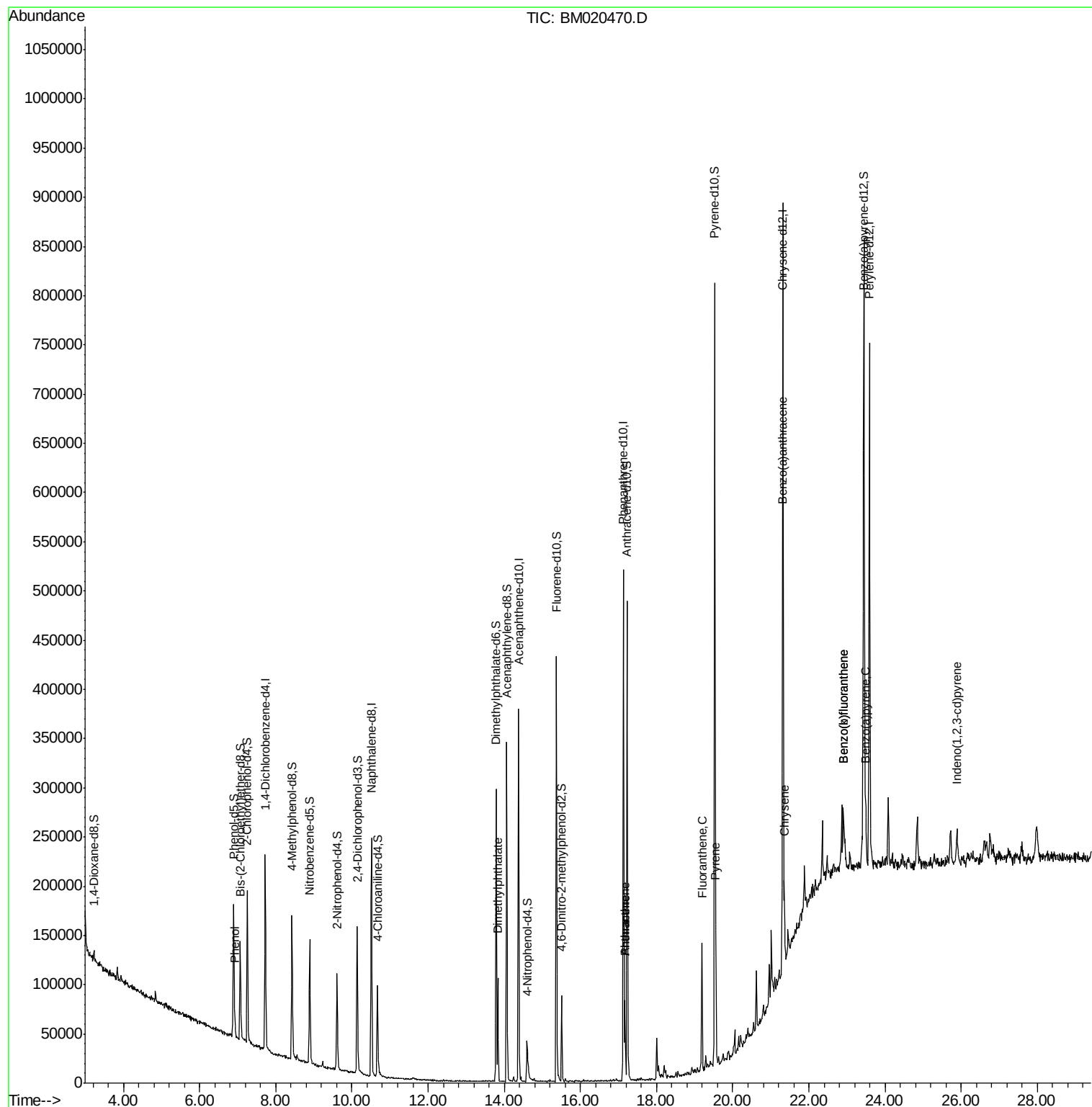
					Qvalue
6) Phenol	6.92	94	5978	1.274	ng/ul 98
44) Dimethylphthalate	13.83	163	65369	7.516	ng/ul 99
69) Phenanthrene	17.17	178	45564	3.078	ng/ul 98
71) Anthracene	17.17	178	45564	3.026	ng/ul 99
76) Fluoranthene	19.19	202	81376	4.352	ng/ul 99
79) Pyrene	19.56	202	77296	3.679	ng/ul 98
82) Benzo(a)anthracene	21.30	228	42865	2.034	ng/ul 93
84) Chrysene	21.36	228	40421	2.007	ng/ul 94
87) Benzo(b)fluoranthene	22.91	252	55456	2.457	ng/ul# 94
88) Benzo(k)fluoranthene	22.91	252	55456	2.502	ng/ul# 95
90) Benzo(a)pyrene	23.49	252	38033	1.791	ng/ul# 89
91) Indeno(1,2,3-cd)pyrene	25.89	276	28097	1.161	ng/ul 99

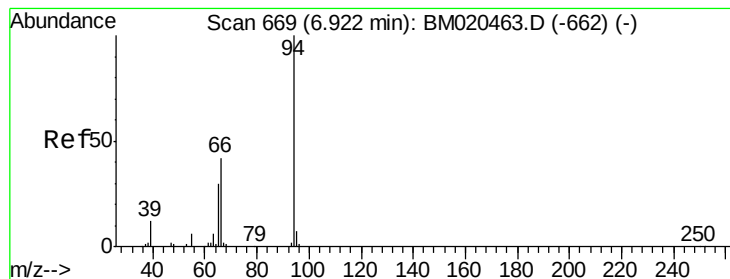
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.274 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM020470.D

Acq: 21 May 2019 21:20

Instrument :

BNA_M

ClientSampleId :

A4262

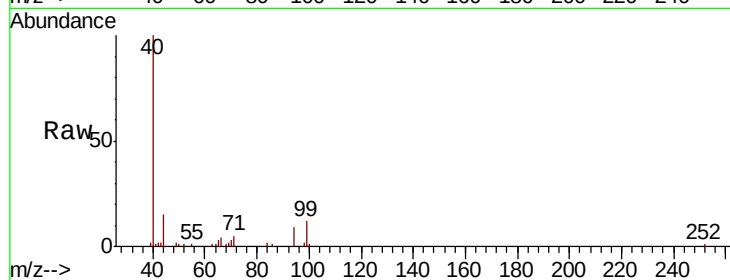
Tgt Ion: 94 Resp: 5978

Ion Ratio Lower Upper

94 100

65 30.1 25.4 38.0

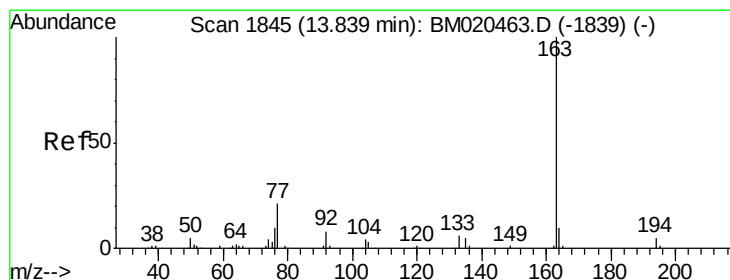
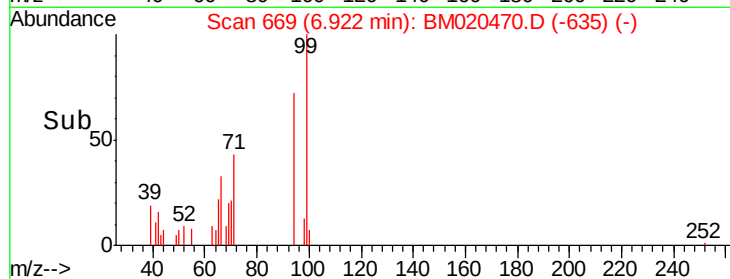
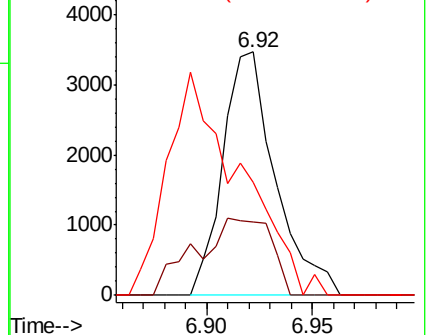
66 46.6 36.5 54.7



Abundance Ion 94.00 (93.70 to 94.70): BM020463.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM020463.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM020463.D (-662) (-)



#44

Dimethylphthalate

Concen: 7.516 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM020470.D

Acq: 21 May 2019 21:20

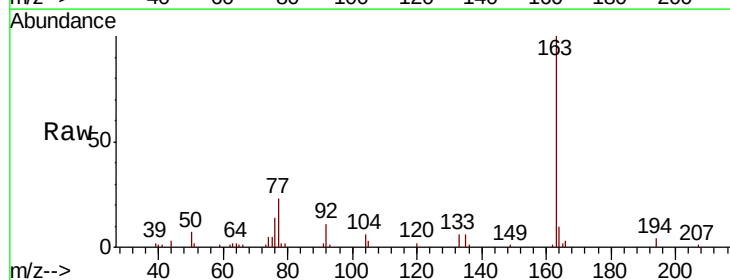
Tgt Ion: 163 Resp: 65369

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

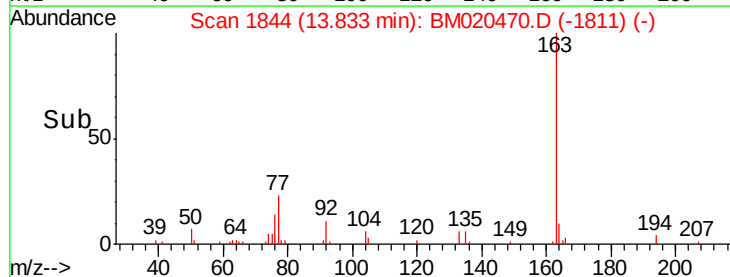
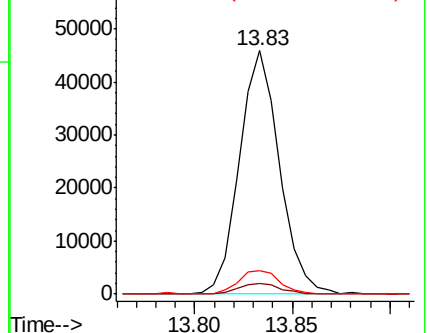
164 9.5 8.0 12.0

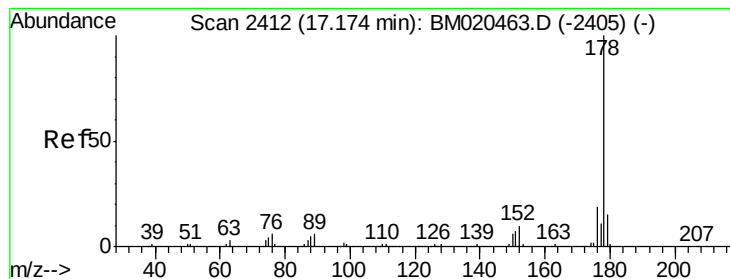


Abundance Ion 163.00 (162.70 to 163.70): BM020463.D (-1839) (-)

Ion 194.00 (193.70 to 194.70): BM020463.D (-1839) (-)

Ion 164.00 (163.70 to 164.70): BM020463.D (-1839) (-)





#69

Phenanthrene

Concen: 3.078 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020470.D

Acq: 21 May 2019 21:20

Instrument :

BNA_M

ClientSampleId :

A4262

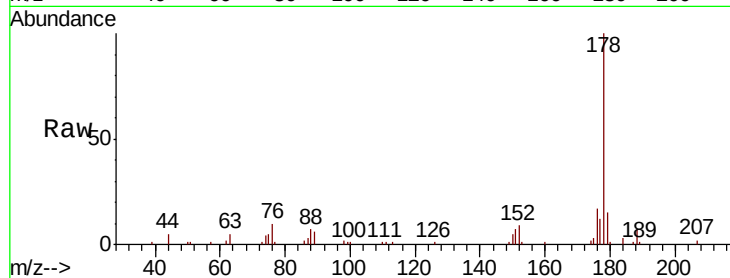
Tgt Ion:178 Resp: 45564

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

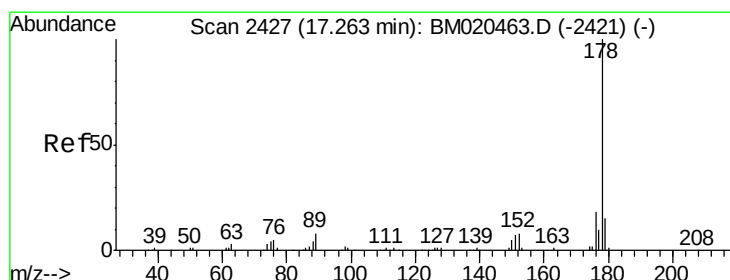
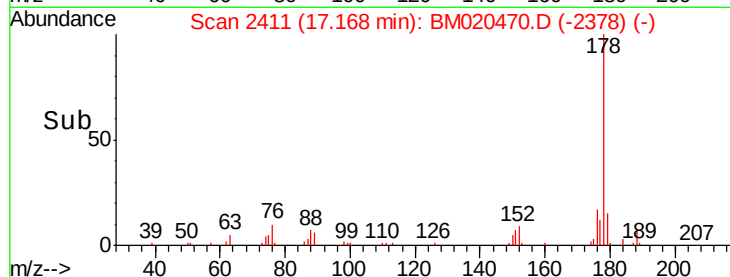
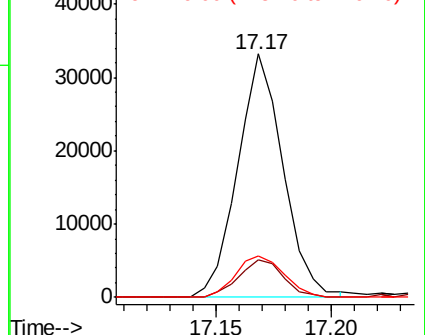
176 17.0 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 3.026 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.09 min

Lab File: BM020470.D

Acq: 21 May 2019 21:20

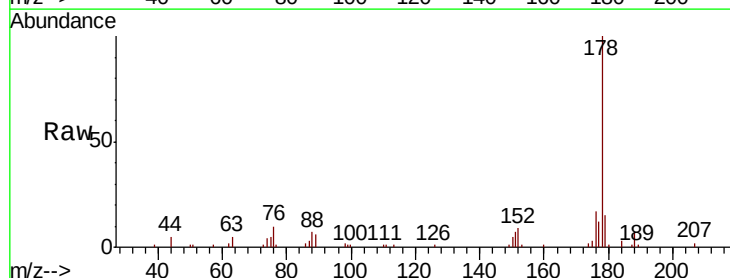
Tgt Ion:178 Resp: 45564

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

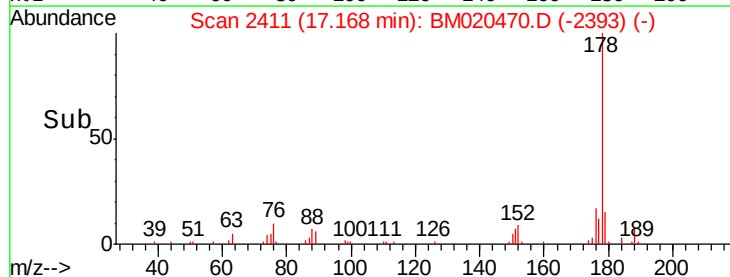
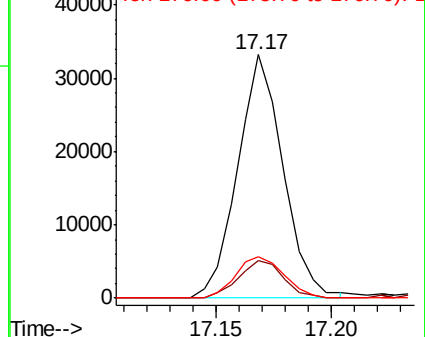
176 17.0 14.4 21.6

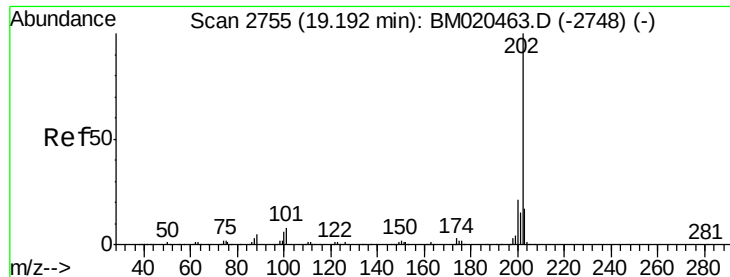


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

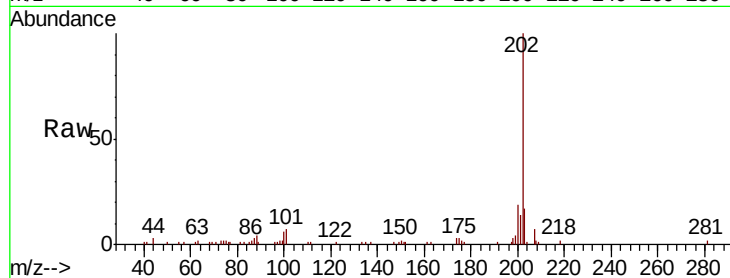




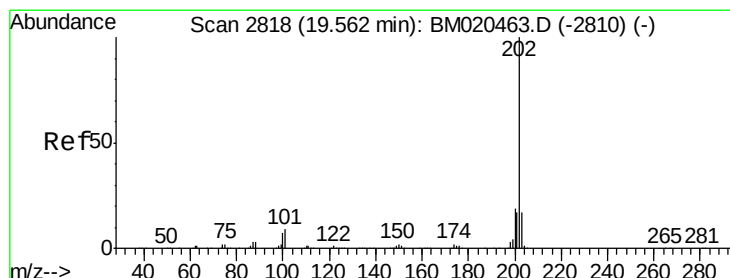
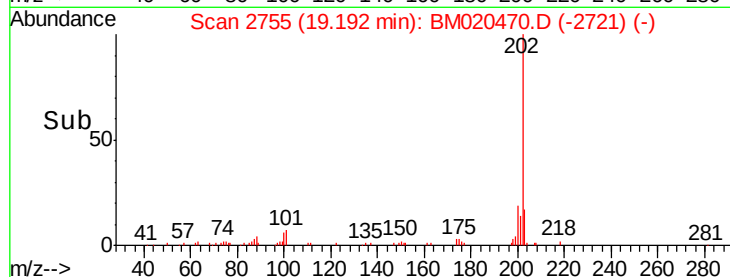
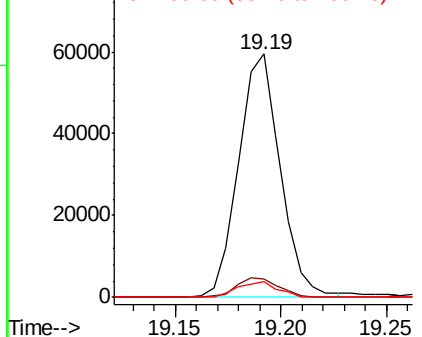
#76
 Fluoranthene
 Concen: 4.352 ng/ul
 RT: 19.19 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM020470.D
 Acq: 21 May 2019 21:20

Instrument :
 BNA_M
 ClientSampleId :
 A4262

Tgt Ion:	202	Resp:	81376
Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.4	9.6
100	6.2	5.2	7.8

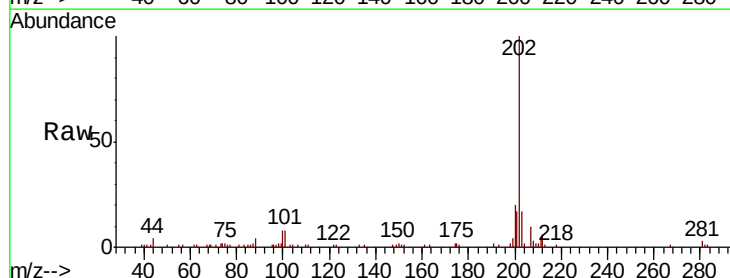


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

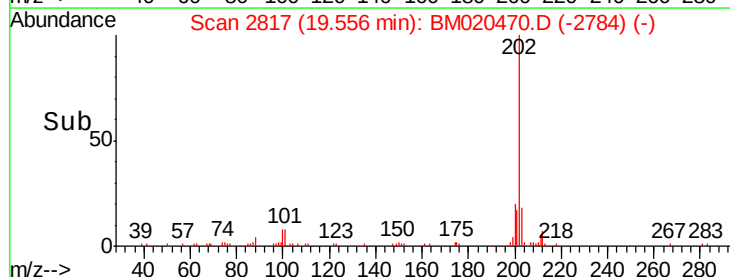
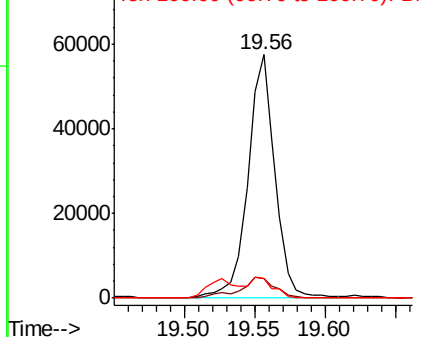


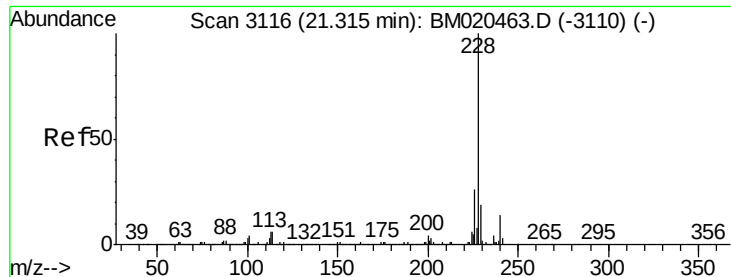
#79
 Pyrene
 Concen: 3.679 ng/ul
 RT: 19.56 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BM020470.D
 Acq: 21 May 2019 21:20

Tgt Ion:	202	Resp:	77296
Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.1	10.7
100	8.0	5.9	8.9



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





#82

Benzo(a)anthracene

Concen: 2.034 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020470.D

Acq: 21 May 2019 21:20

Instrument :

BNA_M

ClientSampleId :

A4262

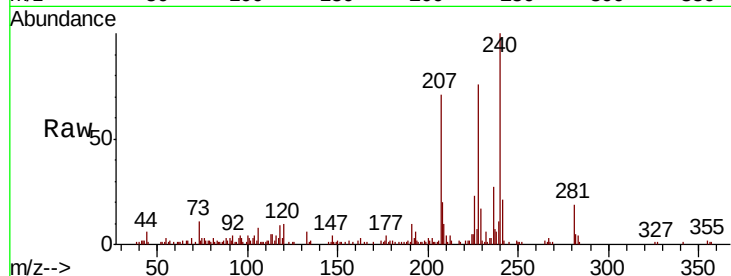
Tgt Ion:228 Resp: 42865

Ion Ratio Lower Upper

228 100

229 22.9 15.8 23.8

226 29.5 20.6 30.8

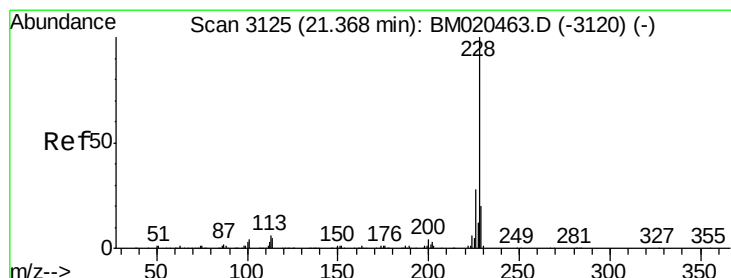
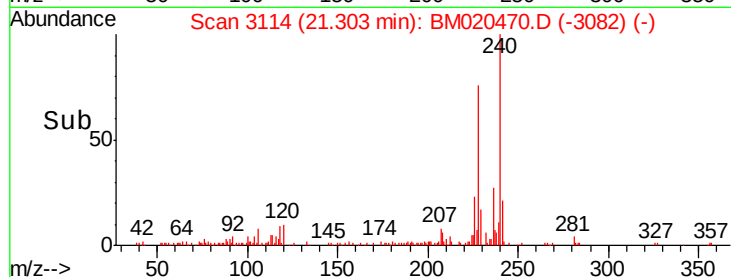
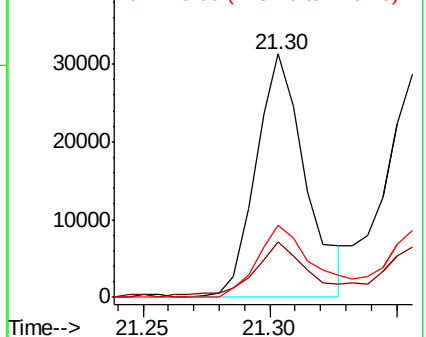


Abundance

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



#84

Chrysene

Concen: 2.007 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020470.D

Acq: 21 May 2019 21:20

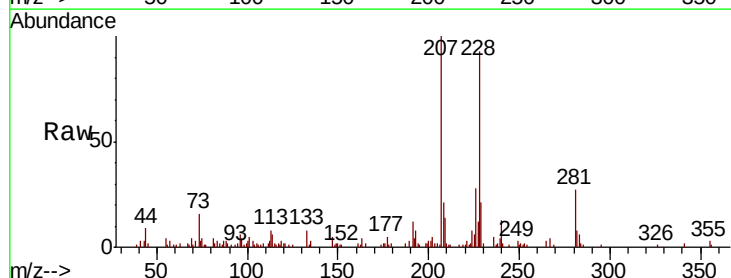
Tgt Ion:228 Resp: 40421

Ion Ratio Lower Upper

228 100

226 30.3 22.2 33.4

229 22.3 15.4 23.2

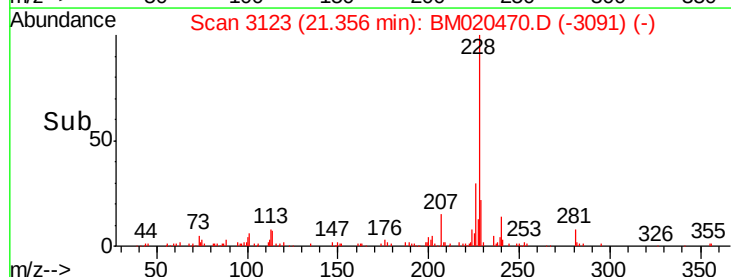
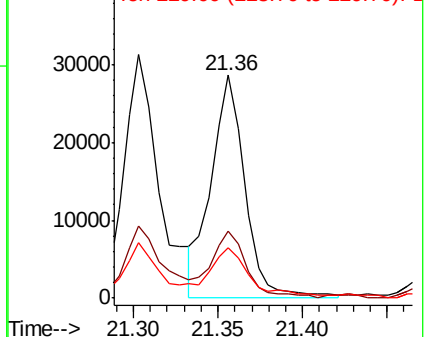


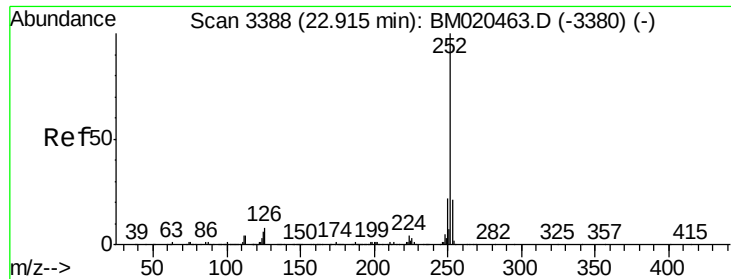
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 2.457 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.01 min

Lab File: BM020470.D

Acq: 21 May 2019 21:20

Instrument :

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ClientSampleId :

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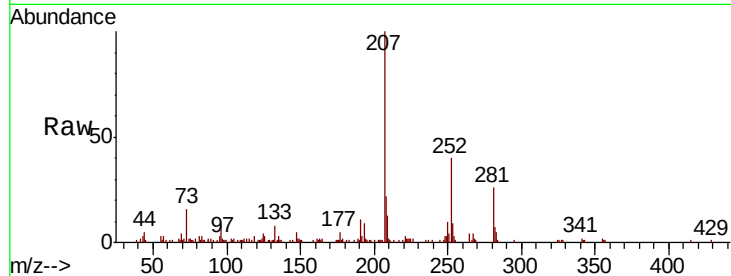
Tgt Ion:252 Resp: 55456

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

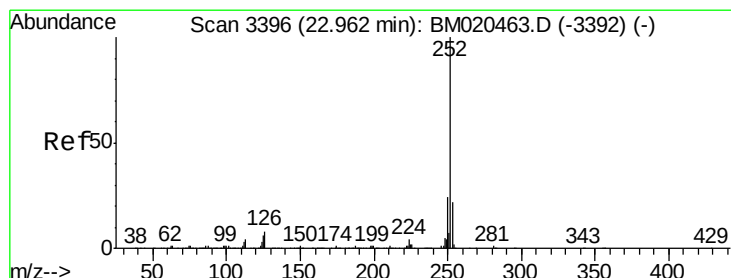
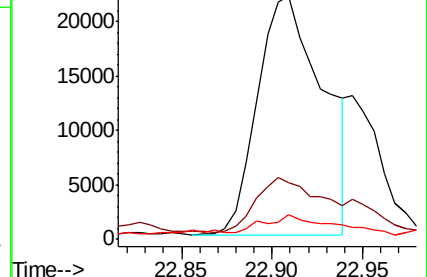
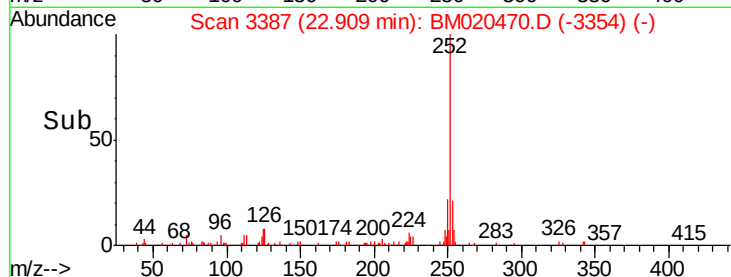
125 10.2 5.0 7.4#



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



#88

Benzo(k)fluoranthene

Concen: 2.502 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.05 min

Lab File: BM020470.D

Acq: 21 May 2019 21:20

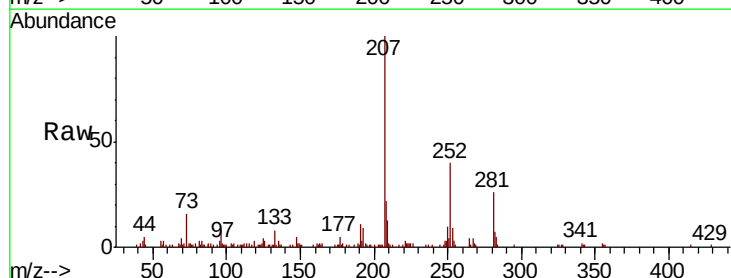
Tgt Ion:252 Resp: 55456

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

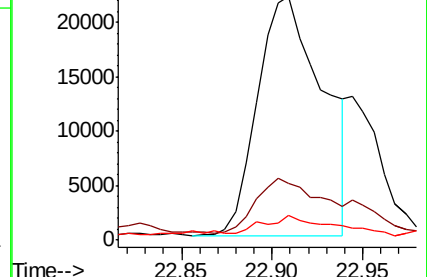
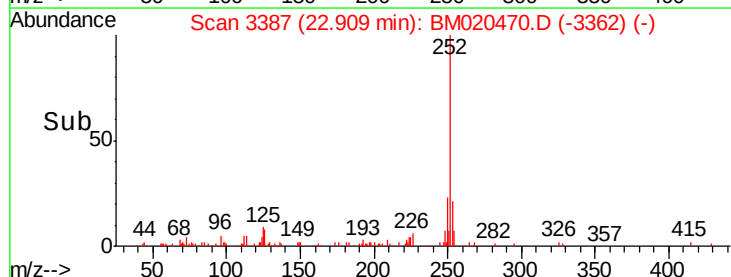
125 10.2 5.0 7.6#

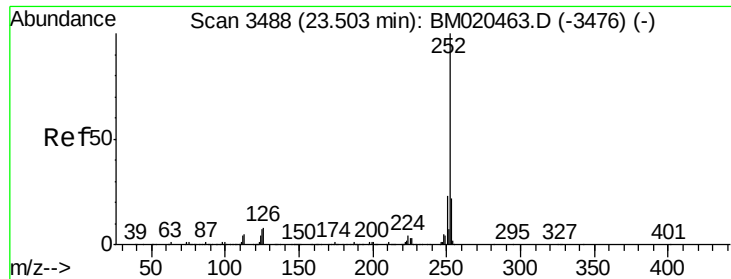


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.791 ng/ul

RT: 23.49 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BM020470.D

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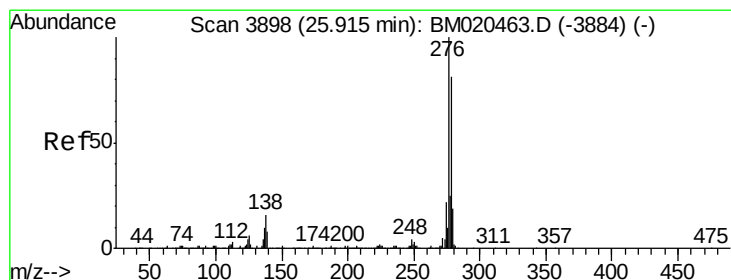
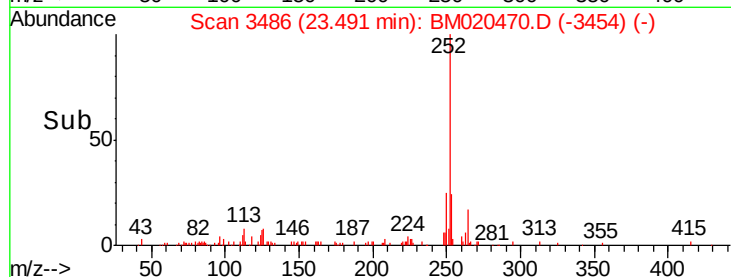
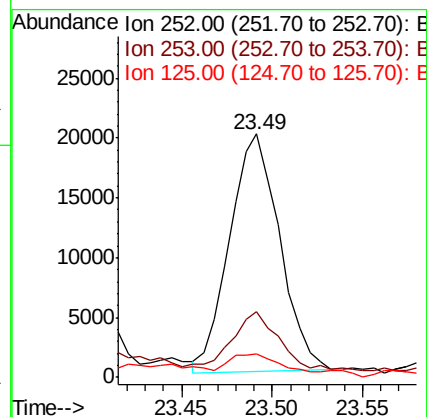
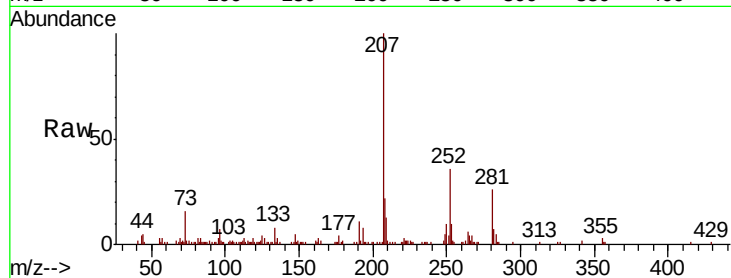
Tgt Ion:252 Resp: 38033

Ion Ratio Lower Upper

252 100

253 27.1 17.4 26.2#

125 9.8 5.4 8.2#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.161 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BM020470.D

Acq: 21 May 2019 21:20

Tgt Ion:276 Resp: 28097

Ion Ratio Lower Upper

276 100

138 15.2 12.3 18.5

277 24.3 20.0 30.0

