

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020466.D
 Acq On : 21 May 2019 18:54
 Operator : JU/SJ
 Sample : K2923-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4249

Quant Time: May 22 04:57:11 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	55394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	187531	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	108120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	260823	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	315884	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	376819	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	4689	3.12	ng/uL	0.00
5) Phenol-d5	6.89	99	63361	14.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	42046	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	49499	15.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	40054	12.45	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	20787	17.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	22541	16.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	45404	15.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	35373	12.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	131867	16.95	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	163697	16.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	7111	6.30	ng/ul	0.00
57) Fluorene-d10	15.37	176	117666	17.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	12109	8.15	ng/ul	0.00
70) Anthracene-d10	17.23	188	186563	16.68	ng/ul	0.00
78) Pyrene-d10	19.53	212	244136	16.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	289924	16.93	ng/ul	0.00

Target Compounds

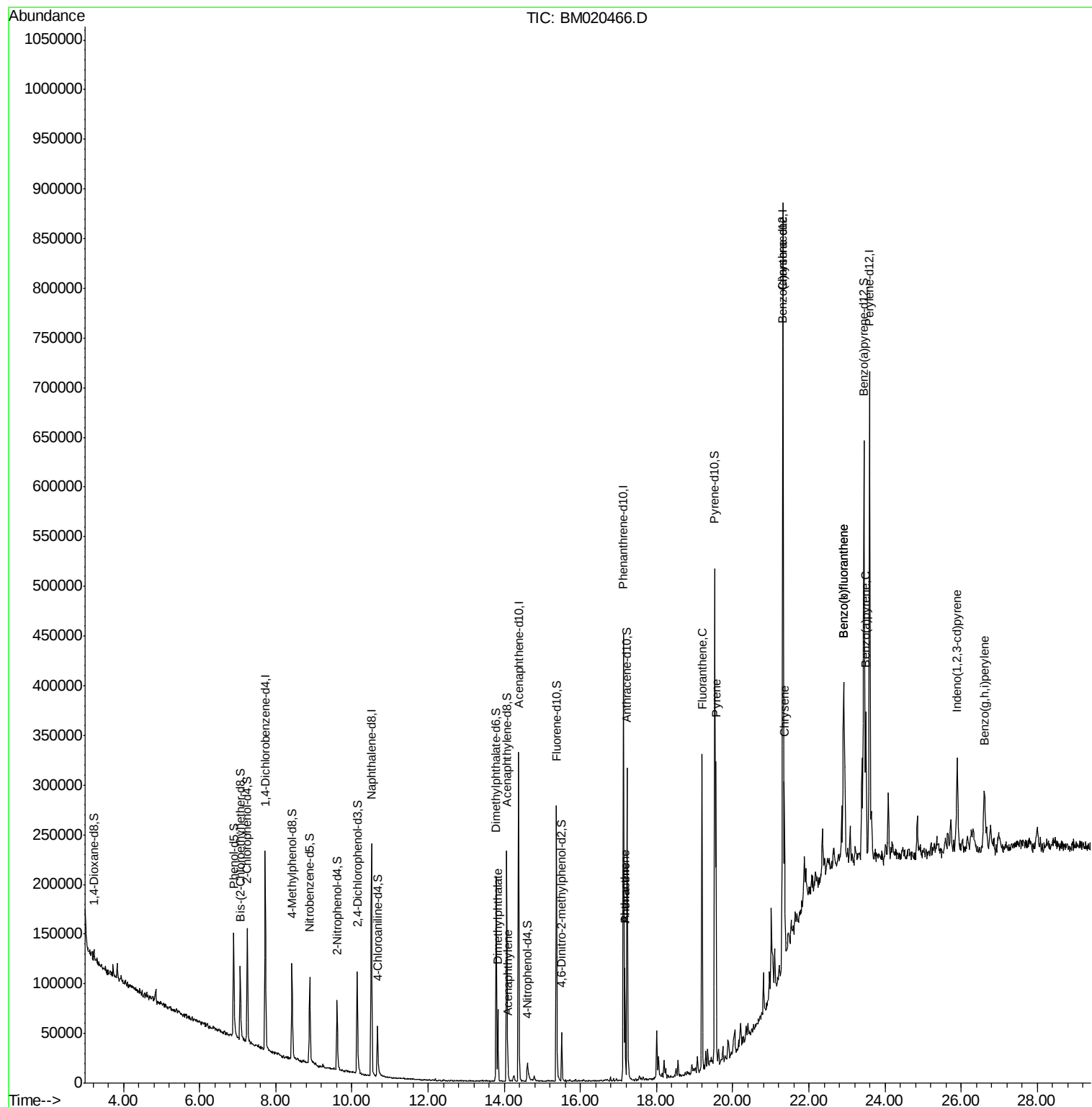
						Qvalue
44) Dimethylphthalate	13.83	163	46023	5.981	ng/ul	98
47) Acenaphthylene	14.10	152	10028	1.093	ng/ul	99
69) Phenanthrene	17.17	178	69491	5.592	ng/ul	98
71) Anthracene	17.17	178	69491	5.497	ng/ul	98
76) Fluoranthene	19.19	202	200744	12.787	ng/ul	98
79) Pyrene	19.56	202	179799	9.483	ng/ul	99
82) Benzo(a)anthracene	21.31	228	93529	4.919	ng/ul	95
84) Chrysene	21.36	228	102959	5.667	ng/ul	98
87) Benzo(b)fluoranthene	22.91	252	157909	7.343	ng/ul	94
88) Benzo(k)fluoranthene	22.91	252	157909	7.475	ng/ul	95
90) Benzo(a)pyrene	23.49	252	107271	5.300	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	86537	3.752	ng/ul	95
93) Benzo(g,h,i)perylene	26.61	276	81467	4.268	ng/ul	99

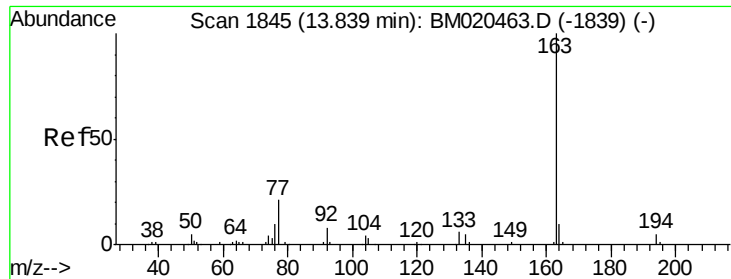
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.981 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

BNA_M

ClientSampleId :

A4249

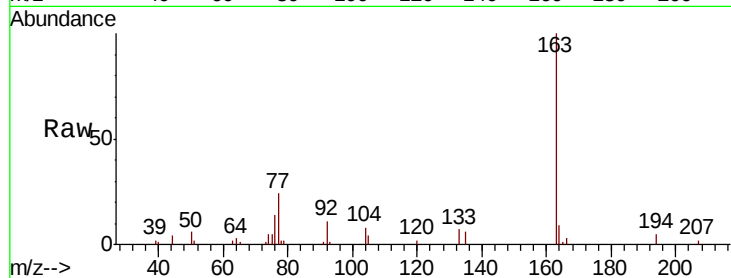
Tgt Ion:163 Resp: 46023

Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

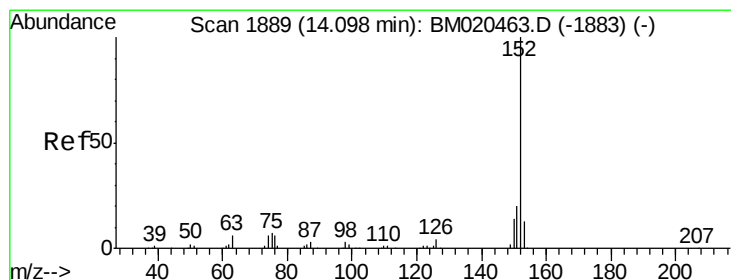
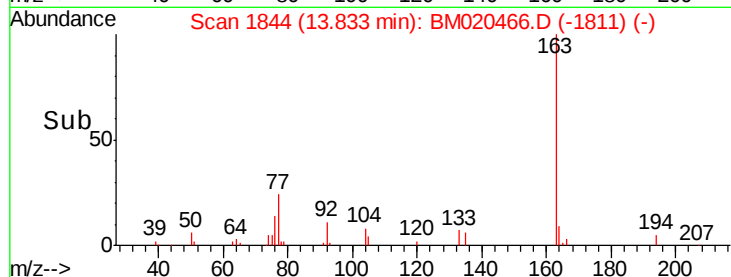
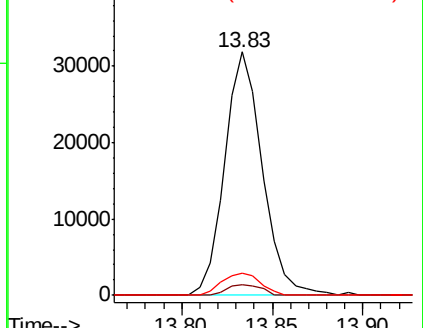
164 9.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47

Acenaphthylene

Concen: 1.093 ng/ul

RT: 14.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

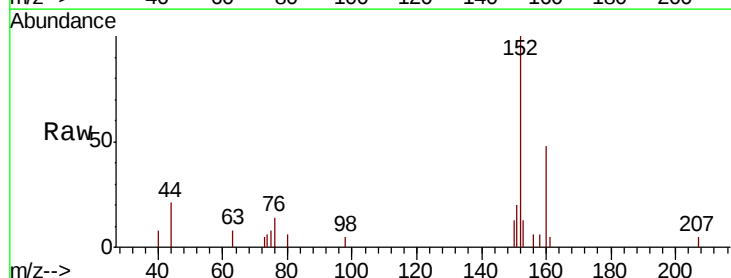
Tgt Ion:152 Resp: 10028

Ion Ratio Lower Upper

152 100

151 20.2 15.4 23.0

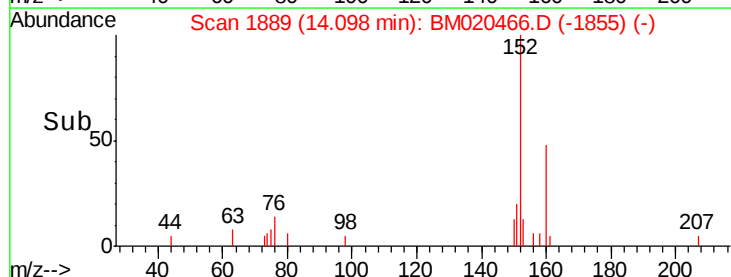
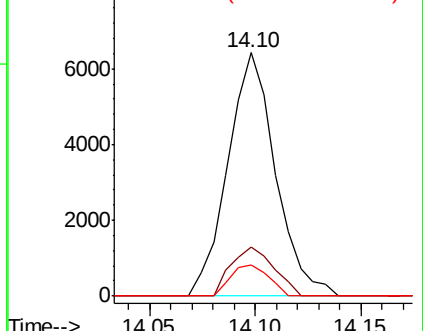
153 12.7 10.3 15.5

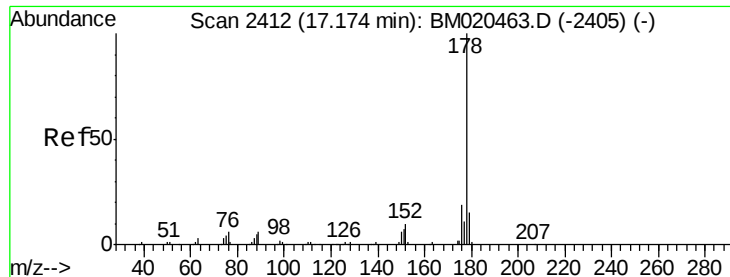


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 5.592 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

BNA_M

ClientSampleId :

A4249

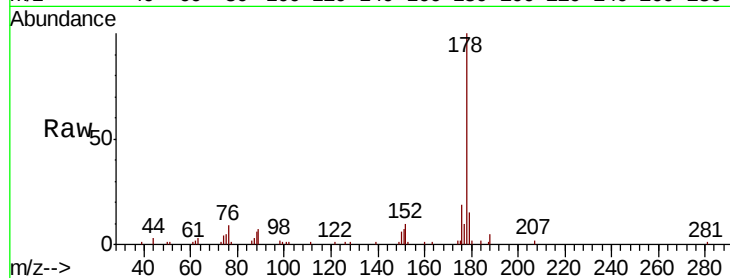
Tgt Ion:178 Resp: 69491

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

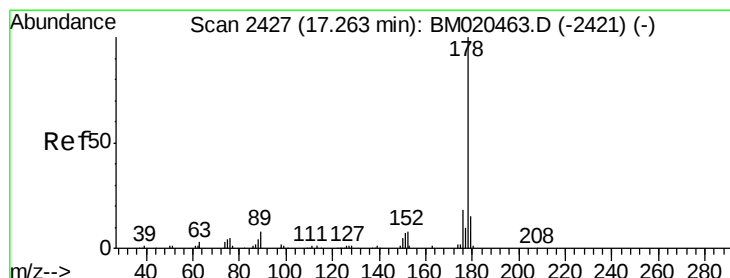
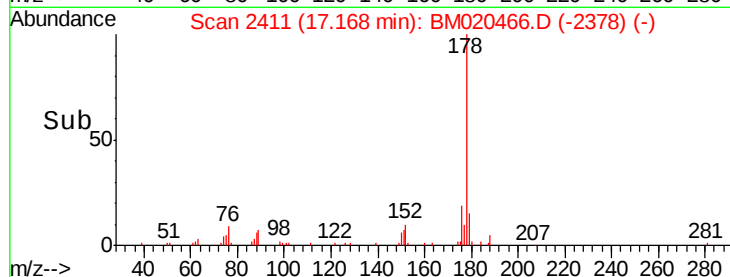
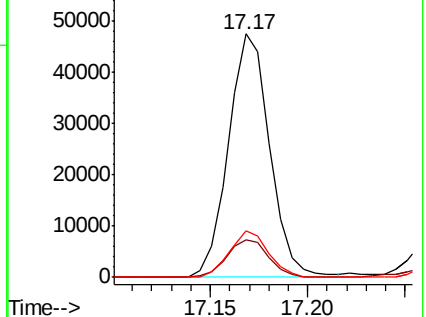
176 19.3 14.6 22.0



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: 5.497 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.09 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

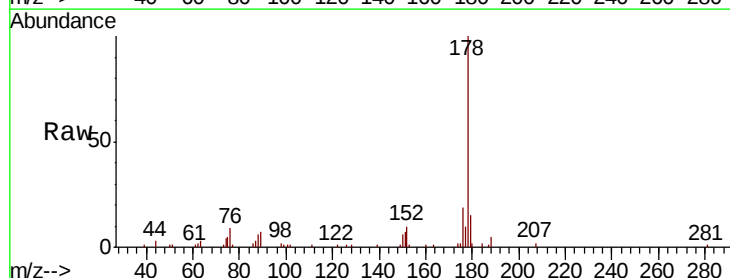
Tgt Ion:178 Resp: 69491

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

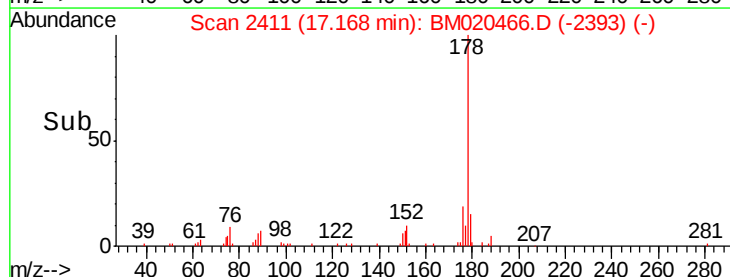
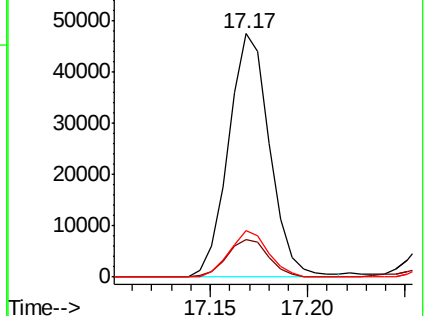
176 19.3 14.4 21.6

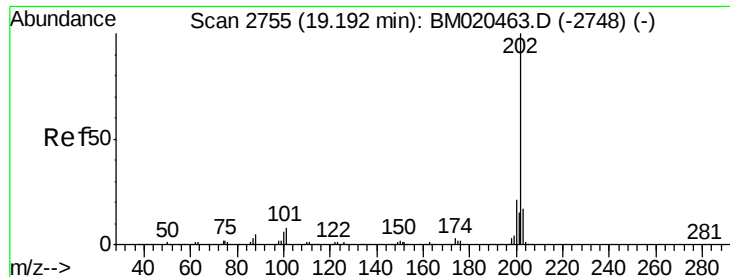


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 12.787 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

BNA_M

ClientSampleId :

A4249

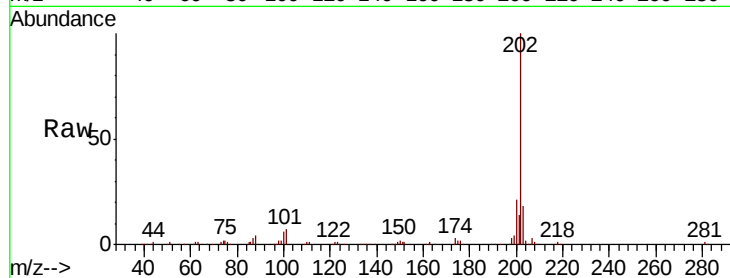
Tgt Ion:202 Resp: 200744

Ion Ratio Lower Upper

202 100

101 7.2 6.4 9.6

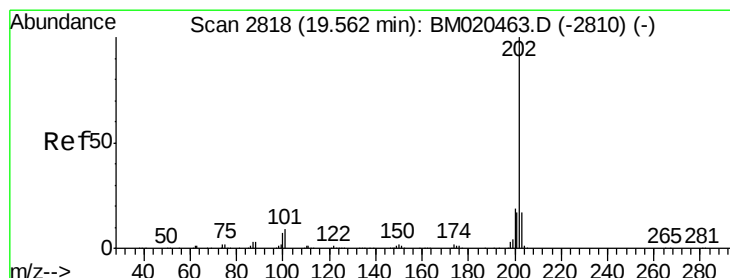
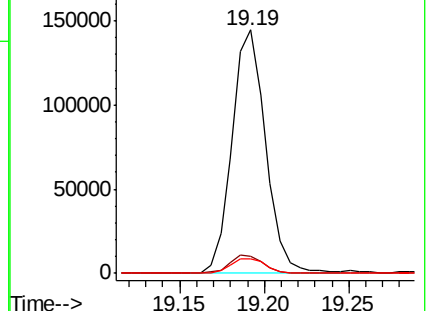
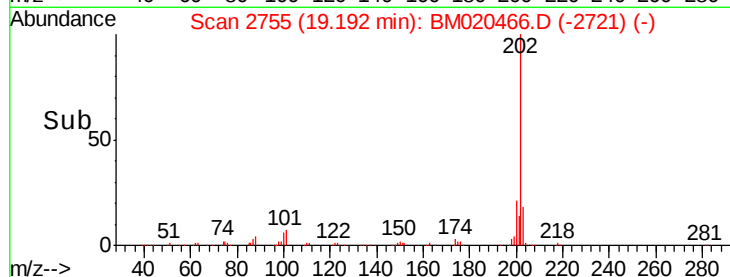
100 6.1 5.2 7.8



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: 9.483 ng/ul

RT: 19.56 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

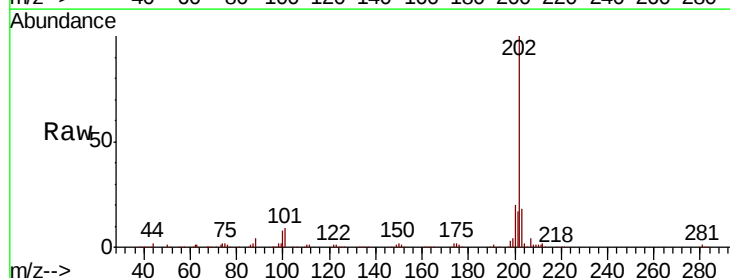
Tgt Ion:202 Resp: 179799

Ion Ratio Lower Upper

202 100

101 8.8 7.1 10.7

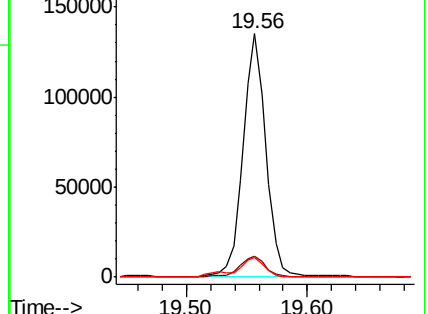
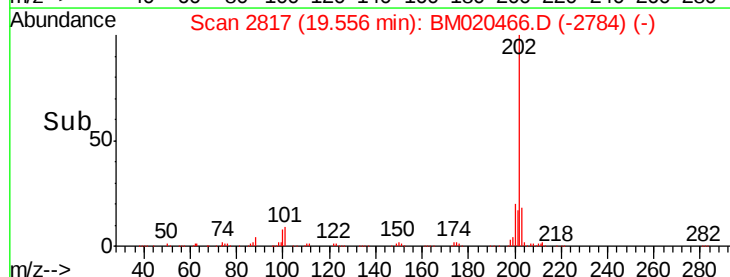
100 7.8 5.9 8.9

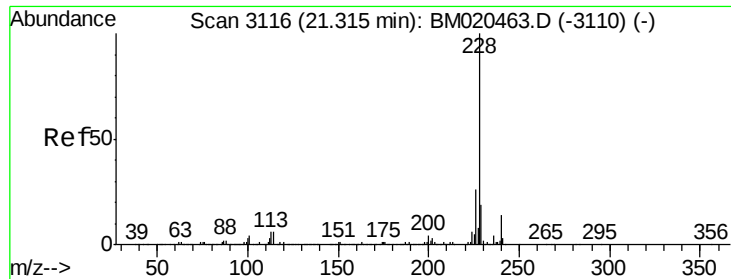


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 4.919 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

BNA_M

ClientSampleId :

A4249

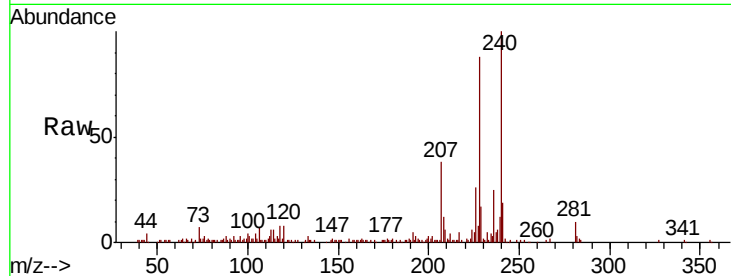
Tgt Ion:228 Resp: 93529

Ion Ratio Lower Upper

228 100

229 19.2 15.8 23.8

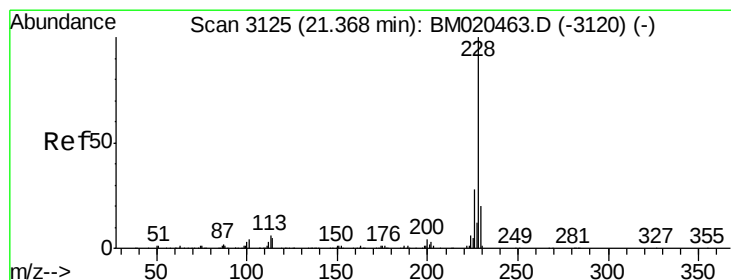
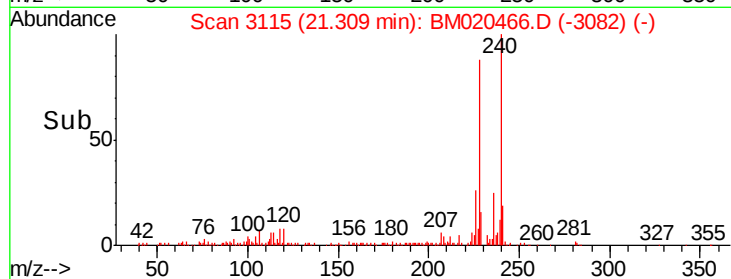
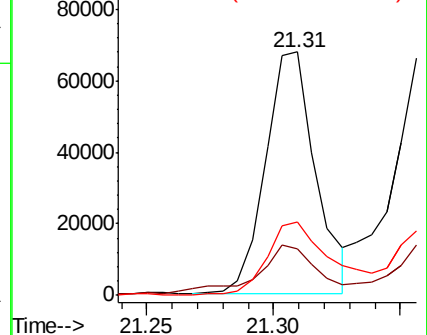
226 29.9 20.6 30.8



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: 5.667 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

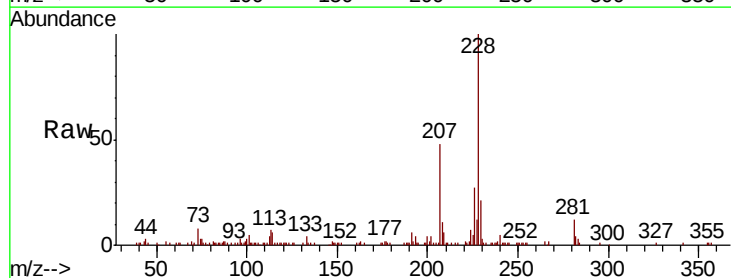
Tgt Ion:228 Resp: 102959

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.4

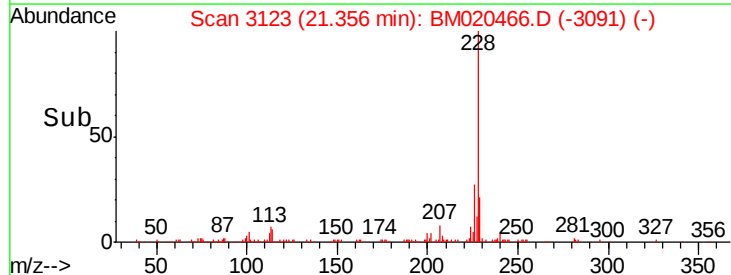
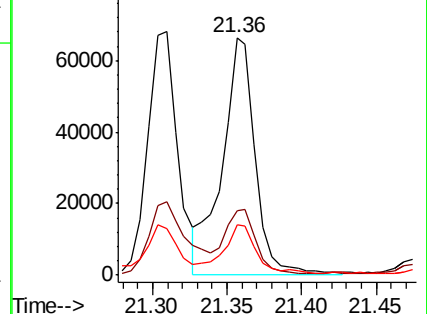
229 21.2 15.4 23.2

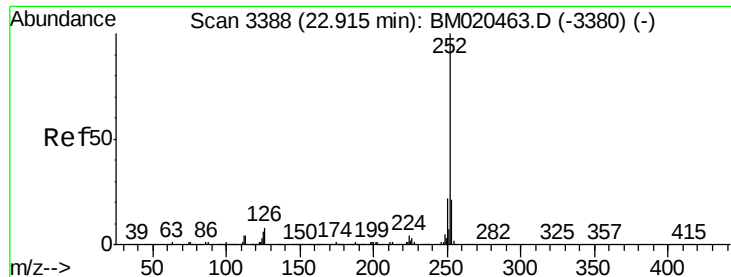


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 7.343 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

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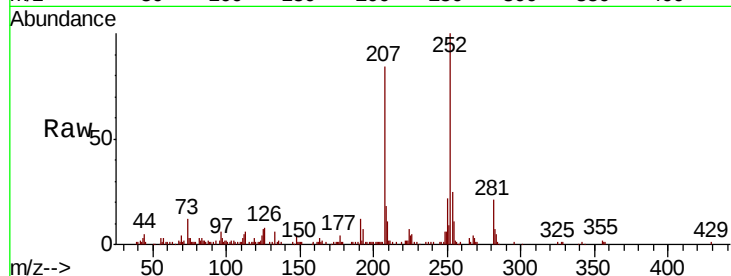
Tgt Ion:252 Resp: 157909

Ion Ratio Lower Upper

252 100

253 24.5 17.0 25.6

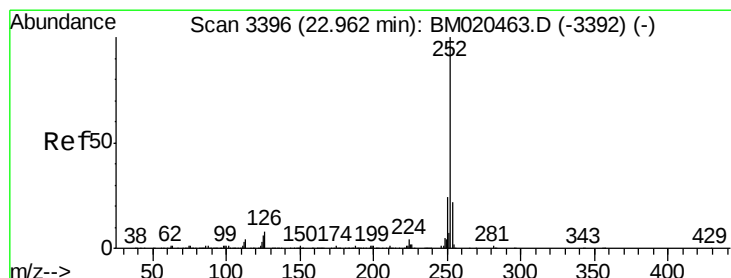
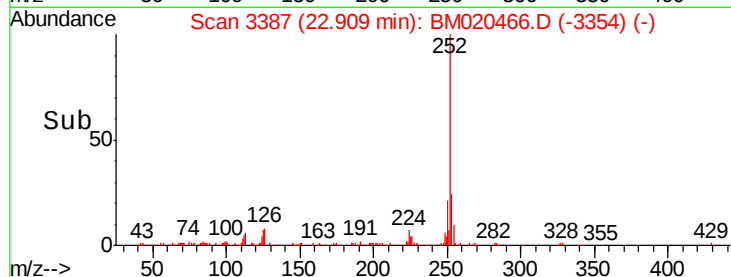
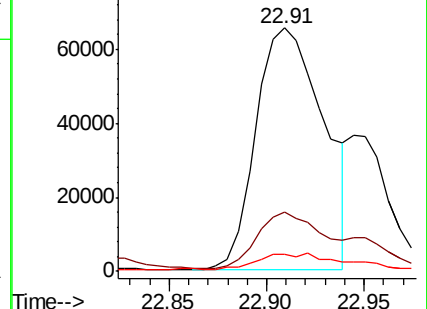
125 7.2 5.0 7.4



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: 7.475 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.05 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

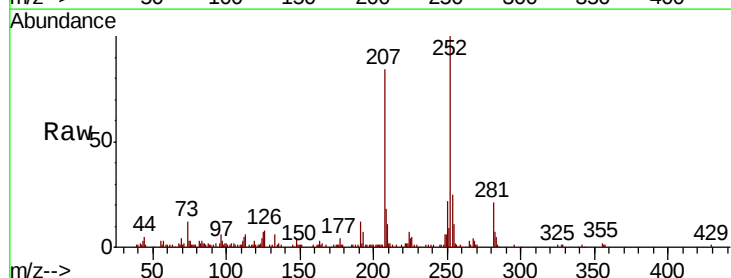
Tgt Ion:252 Resp: 157909

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

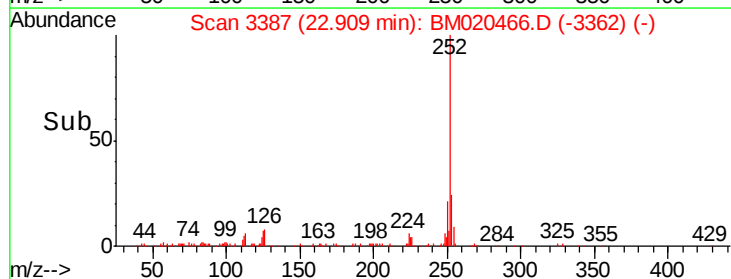
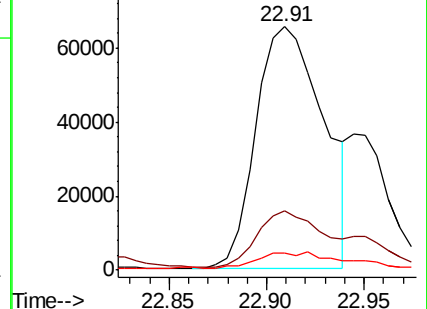
125 7.2 5.0 7.6

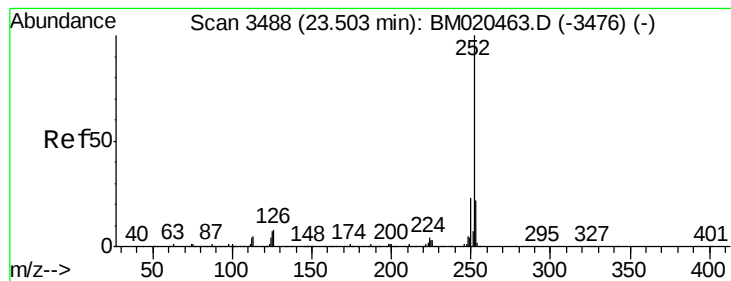


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 5.300 ng/ul

RT: 23.49 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

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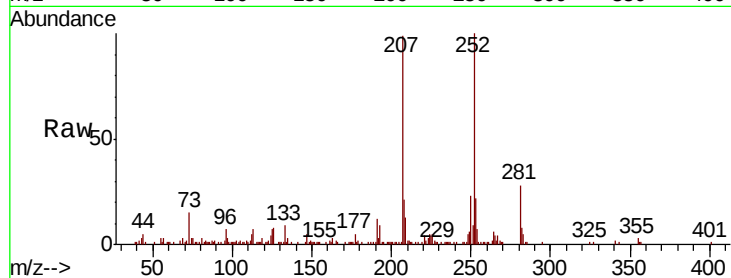
Tgt Ion:252 Resp: 107271

Ion Ratio Lower Upper

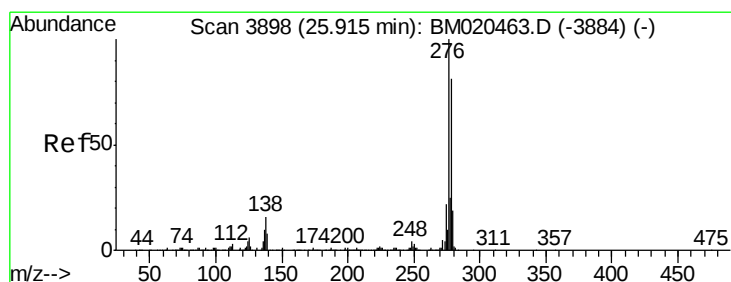
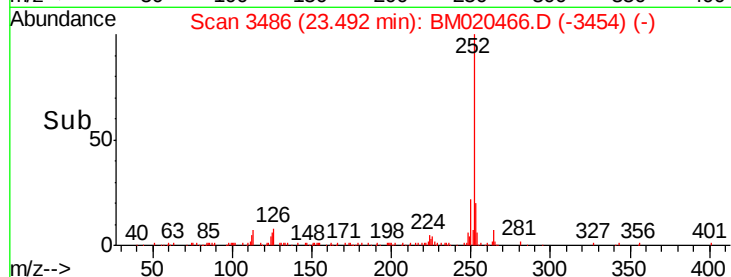
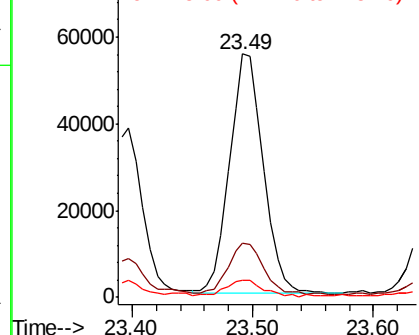
252 100

253 22.4 17.4 26.2

125 7.0 5.4 8.2



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

Indeno(1,2,3-cd)pyrene

Concen: 3.752 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

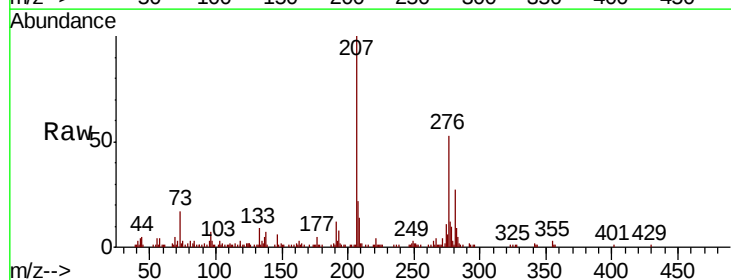
Tgt Ion:276 Resp: 86537

Ion Ratio Lower Upper

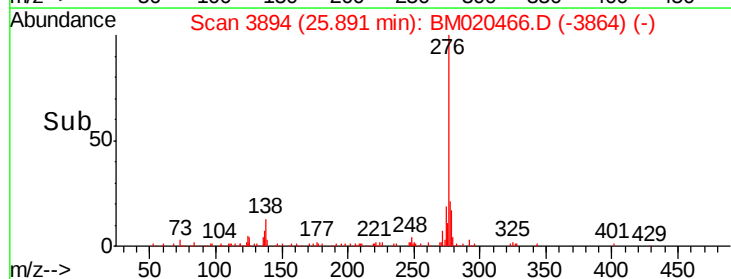
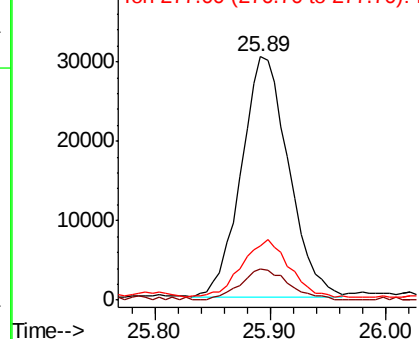
276 100

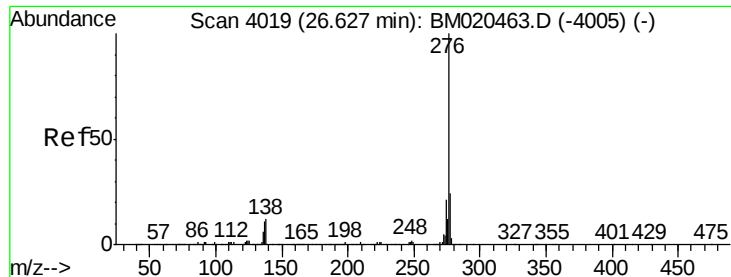
138 12.9 12.3 18.5

277 22.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 4.268 ng/ul

RT: 26.61 min Scan# 4016

Delta R.T. -0.02 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

BNA_M

ClientSampleId :

A4249

Tgt Ion: 276 Resp: 81467

Ion Ratio Lower Upper

276 100

138 11.3 10.0 15.0

277 22.6 18.2 27.4

