

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062321\
 Data File : BM030561.D
 Acq On : 23 Jun 2021 23:39
 Operator : CG/JU
 Sample : SST0.804
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8604

Quant Time: Jun 24 01:37:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 01:37:13 2021
 Response via : Initial Calibration

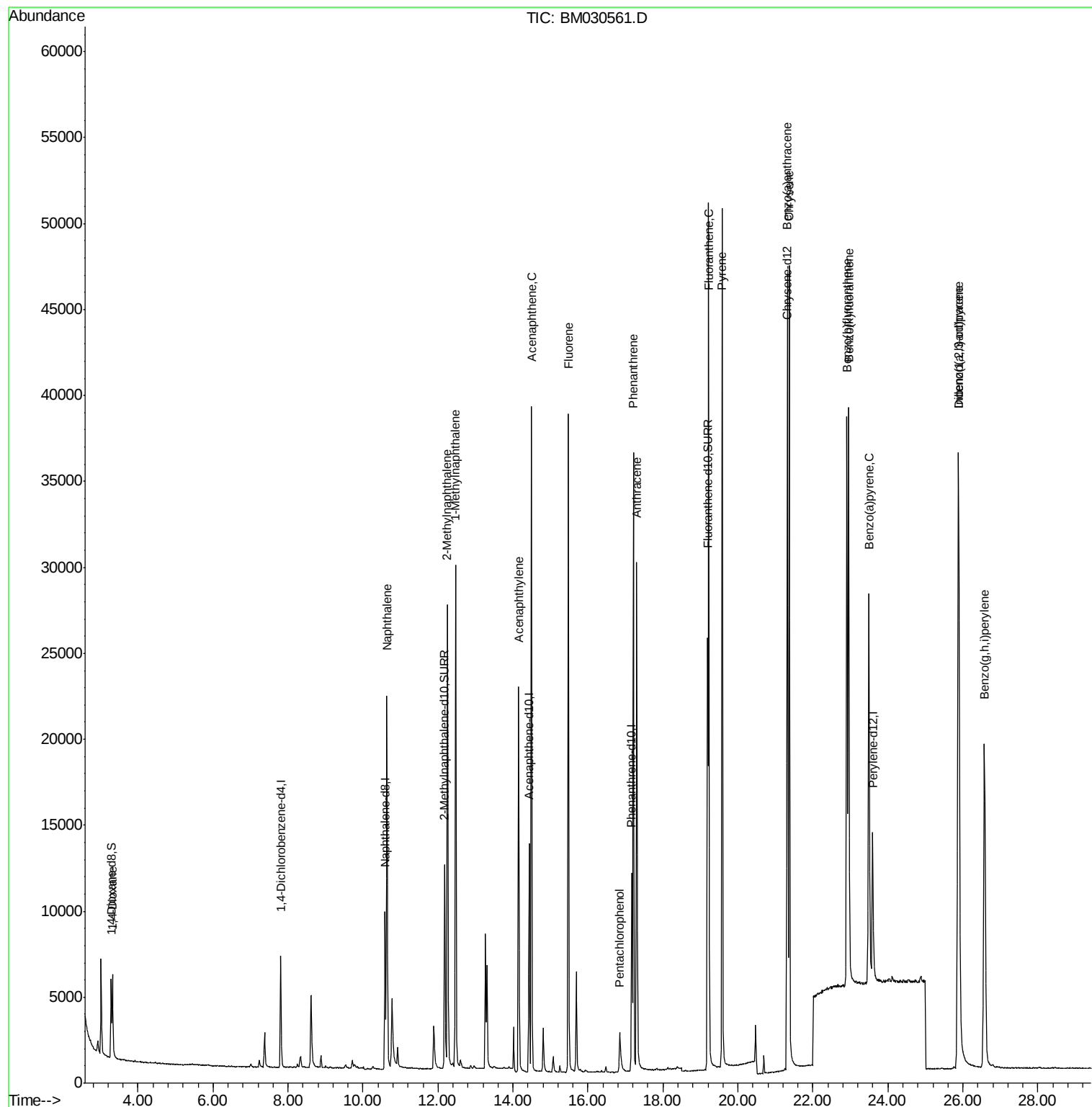
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3608	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	13334	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.43	164	7545	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.17	188	14331	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	12165	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	12550	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	3029	0.86	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	17178	0.90	ng/ul	0.00
18) Fluoranthene-d10	19.19	212	31282	0.77	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.32	88	3277	0.858	ng/ul	90
5) Naphthalene	10.64	128	31183	0.791	ng/ul	99
7) 2-Methylnaphthalene	12.25	142	21512	0.808	ng/ul	100
8) 1-Methylnaphthalene	12.47	142	21203	0.830	ng/ul	100
10) Acenaphthylene	14.15	152	27774	0.774	ng/ul	99
11) Acenaphthene	14.49	153	22689	0.742	ng/ul	98
12) Fluorene	15.48	166	25335	0.729	ng/ul	98
14) Pentachlorophenol	16.85	266	3126	0.700	ng/ul	94
15) Phenanthrene	17.21	178	39713	0.765	ng/ul	99
16) Anthracene	17.30	178	35120	0.794	ng/ul	100
19) Fluoranthene	19.22	202	44452	0.718	ng/ul	98
20) Pyrene	19.58	202	45414	0.721	ng/ul	99
21) Benzo(a)anthracene	21.32	228	39190	0.802	ng/ul	100
22) Chrysene	21.37	228	42483	0.809	ng/ul	100
24) Benzo(b)fluoranthene	22.91	252	44340	0.711	ng/ul	98
25) Benzo(k)fluoranthene	22.95	252	45271	0.766	ng/ul	97
26) Benzo(a)pyrene	23.49	252	38622	0.767	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.87	276	49661	0.744	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.89	278	39671	0.734	ng/ul	98
29) Benzo(a,h,i)perylene	26.58	276	42952	0.737	ng/ul	99

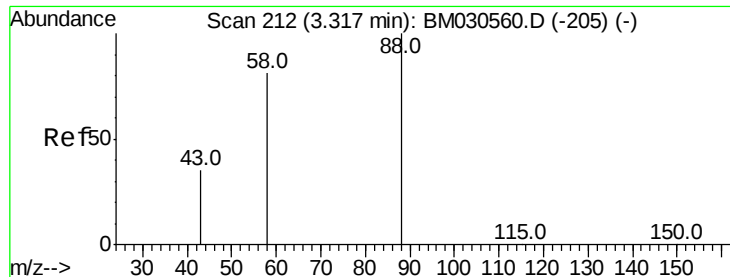
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.858 ng/ul

RT: 3.32 min Scan# 212

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.8604

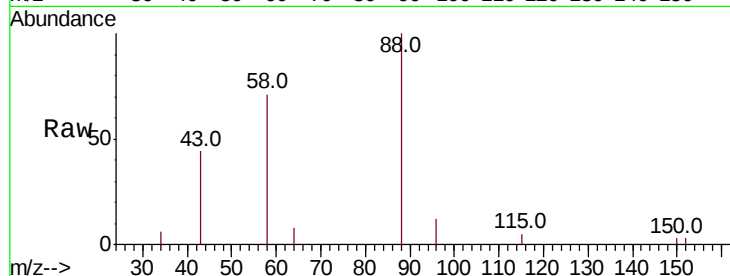
Tot Ion: 88 Resp: 3277

Ion Ratio Lower Upper

88 100

43 43.9 37.7 56.5

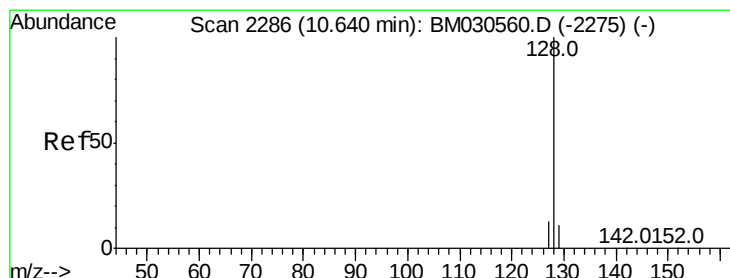
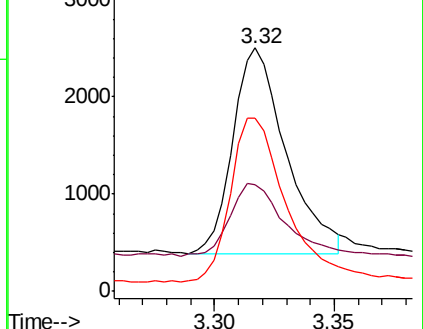
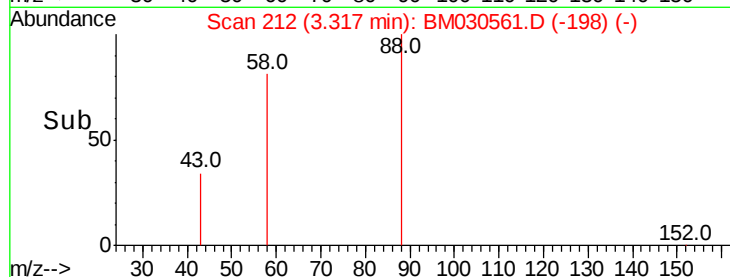
58 71.4 48.5 72.7



Abundance Ion 88.00 (87.70 to 88.70): BM030561.D (-198) (-)

Ion 43.00 (42.70 to 43.70): BM030561.D (-198) (-)

Ion 58.00 (57.70 to 58.70): BM030561.D (-198) (-)



#5

Naphthalene

Concen: 0.791 ng/ul

RT: 10.64 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

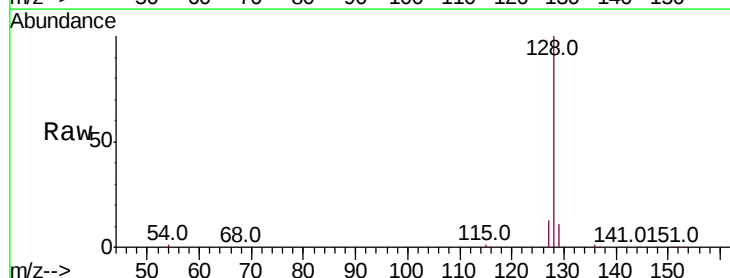
Tgt Ion: 128 Resp: 31183

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

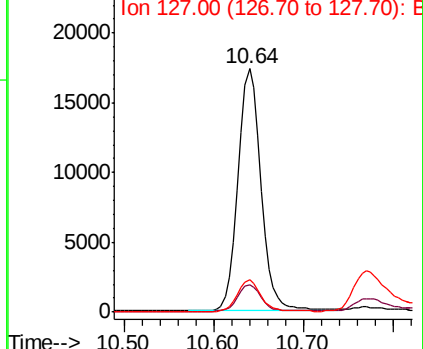
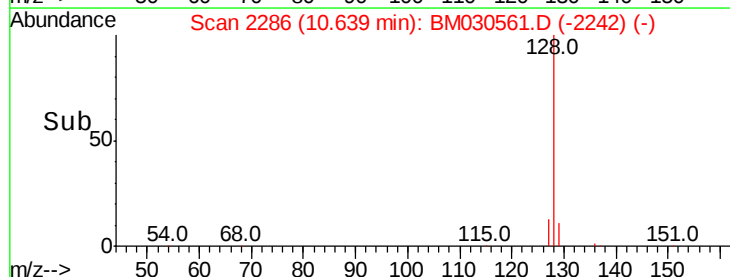
127 13.2 10.9 16.3

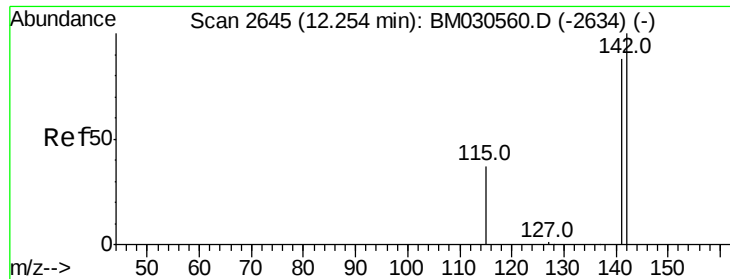


Abundance Ion 128.00 (127.70 to 128.70): BM030561.D (-2242) (-)

Ion 129.00 (128.70 to 129.70): BM030561.D (-2242) (-)

Ion 127.00 (126.70 to 127.70): BM030561.D (-2242) (-)





#7

2-Methylnaphthalene

Concen: 0.808 ng/ul

RT: 12.25 min Scan# 2645

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

Instrument :

BNA_M

ClientSampleId :

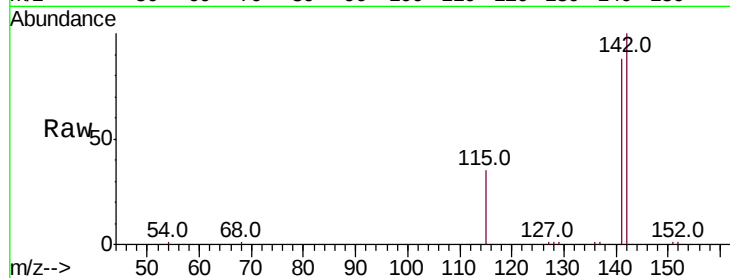
SSTD0.8604

Tot Ion:142 Resp: 21512

Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

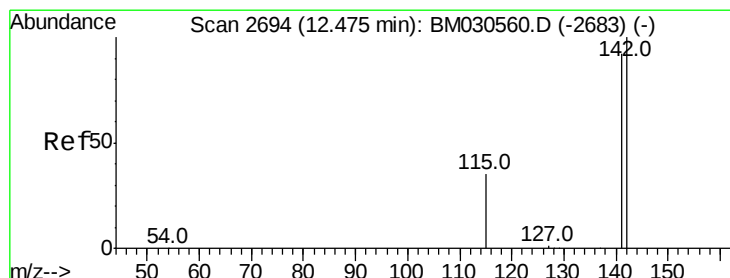
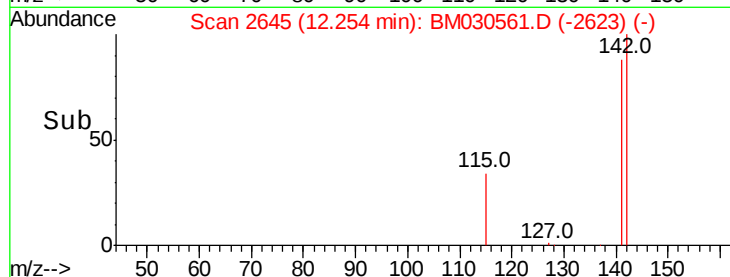
12.25

10000

5000

0

Time-->



#8

1-Methylnaphthalene

Concen: 0.830 ng/ul

RT: 12.47 min Scan# 2693

Delta R.T. -0.00 min

Lab File: BM030561.D

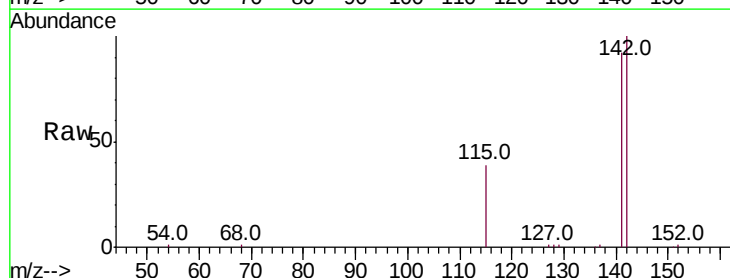
Acq: 23 Jun 2021 23:39

Tgt Ion:142 Resp: 21203

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

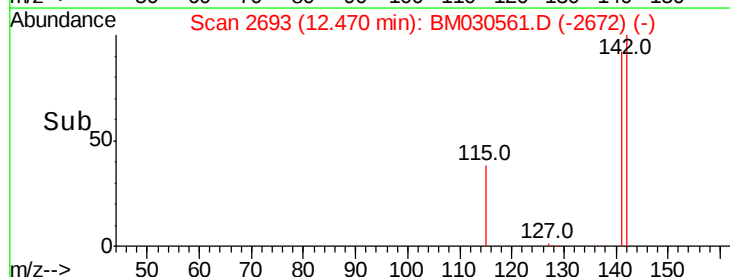
12.47

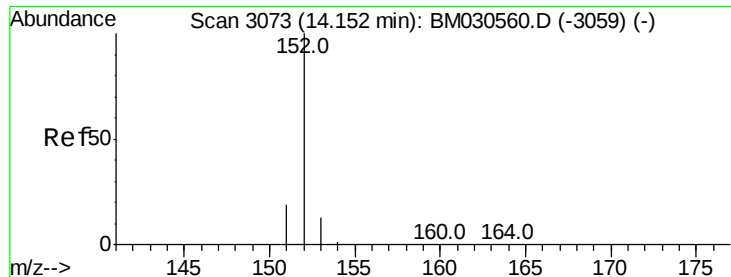
10000

5000

0

Time-->





#10

Acenaphthylene

Concen: 0.774 ng/ul

RT: 14.15 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

Instrument :

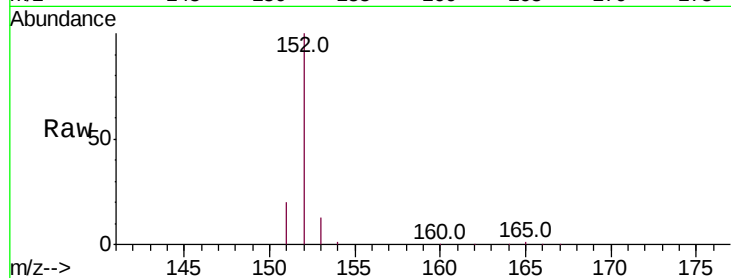
BNA_M

ClientSampleId :

SSTD0.8604

Tot Ion:152 Resp: 27774

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.3	10.7	16.1

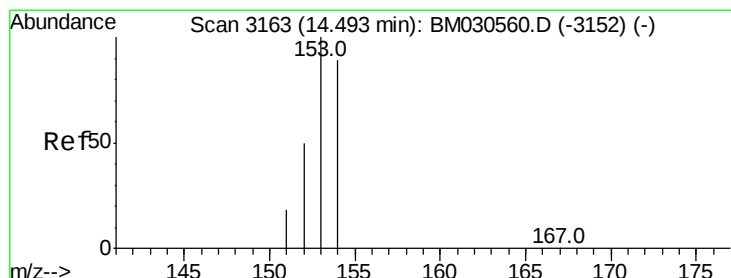
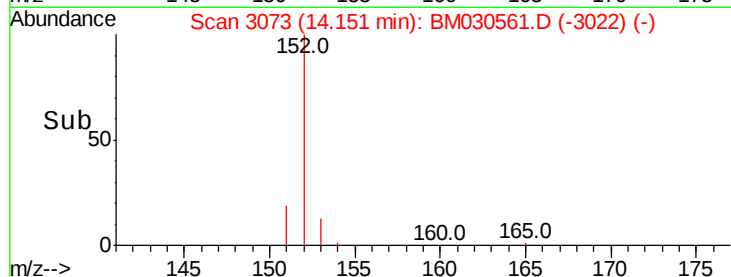
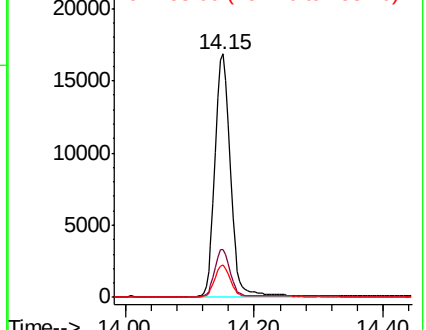


Abundance

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



#11

Acenaphthene

Concen: 0.742 ng/ul

RT: 14.49 min Scan# 3163

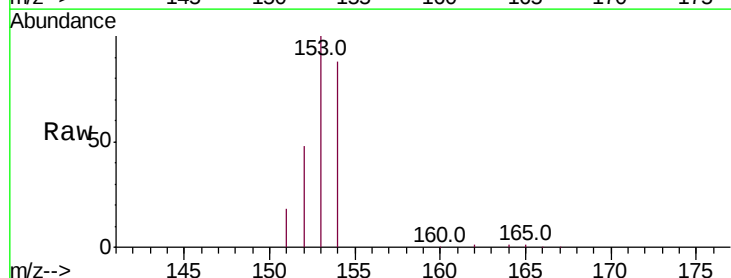
Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

Tgt Ion:153 Resp: 22689

Ion	Ratio	Lower	Upper
153	100		
152	48.3	40.2	60.2
154	87.9	71.2	106.8

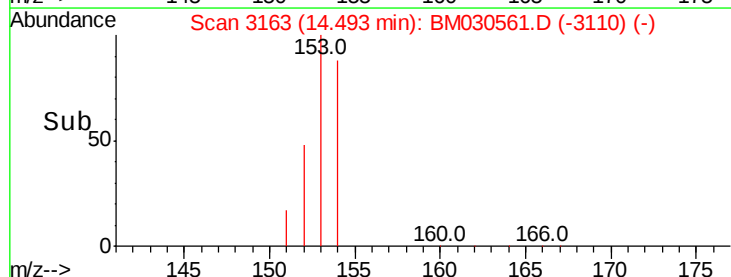
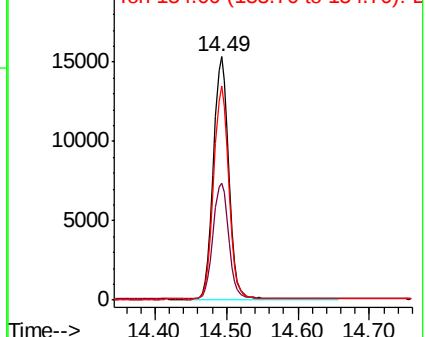


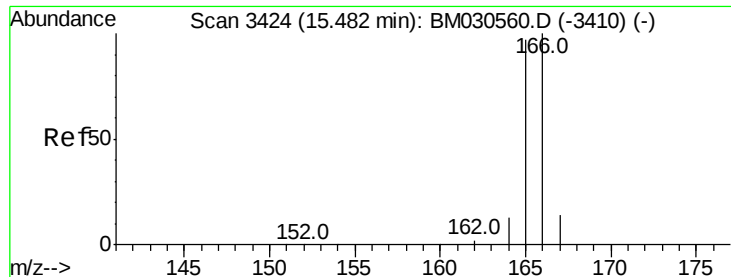
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Fluorene

Concen: 0.729 ng/ul

RT: 15.48 min Scan# 3423

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.8604

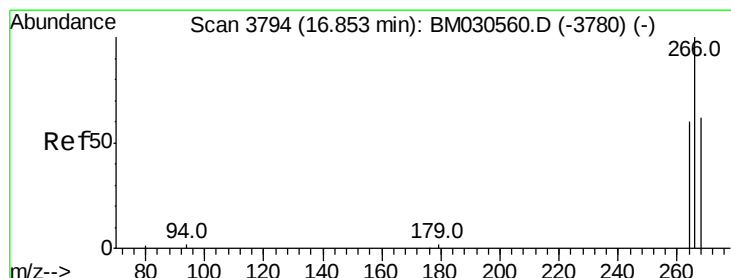
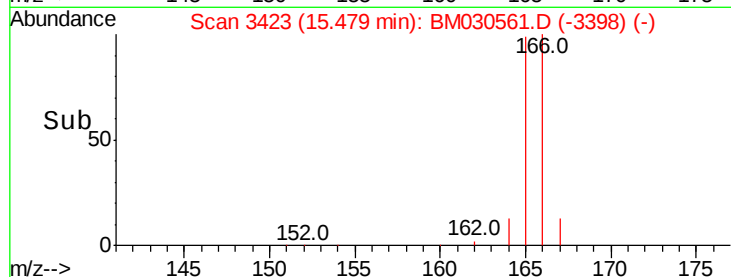
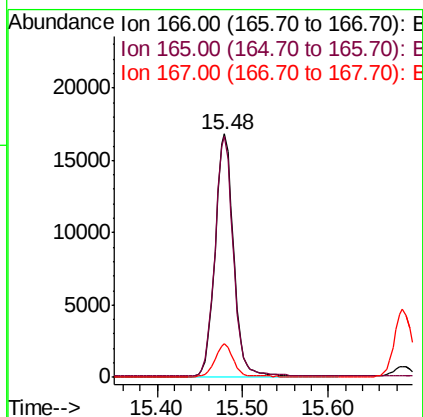
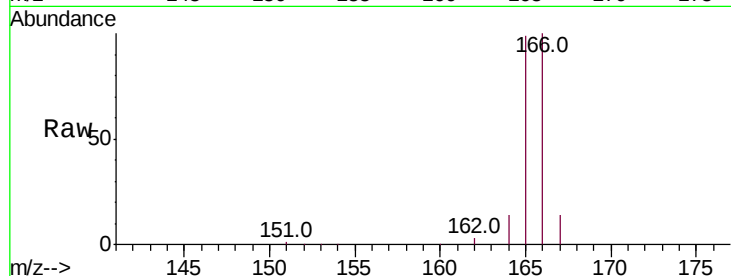
Tot Ion:166 Resp: 25335

Ion Ratio Lower Upper

166 100

165 99.2 77.7 116.5

167 13.7 11.3 16.9



#14

Pentachlorophenol

Concen: 0.700 ng/ul

RT: 16.85 min Scan# 3792

Delta R.T. -0.01 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

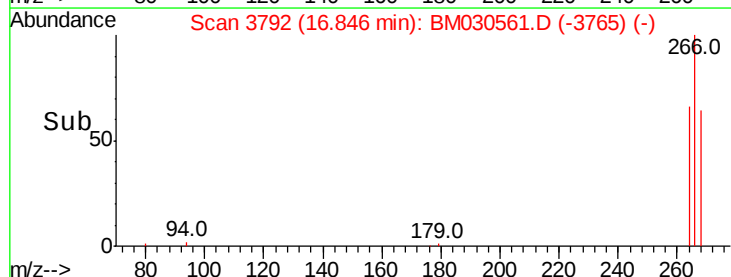
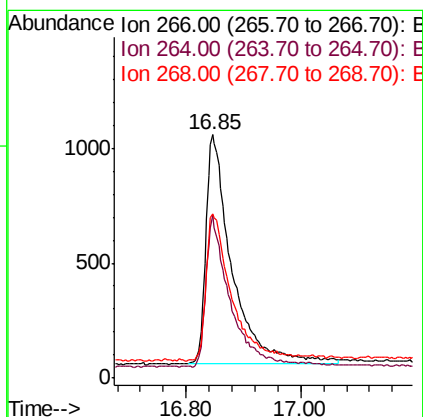
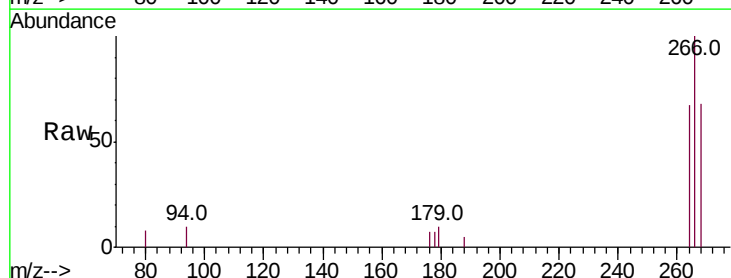
Tgt Ion:266 Resp: 3126

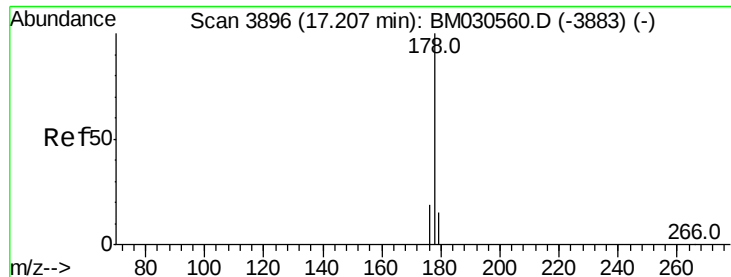
Ion Ratio Lower Upper

266 100

264 63.5 47.7 71.5

268 65.2 47.5 71.3





#15

Phenanthrene

Concen: 0.765 ng/ul

RT: 17.21 min Scan# 3897

Delta R.T. 0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

Instrument :

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ClientSampleId :

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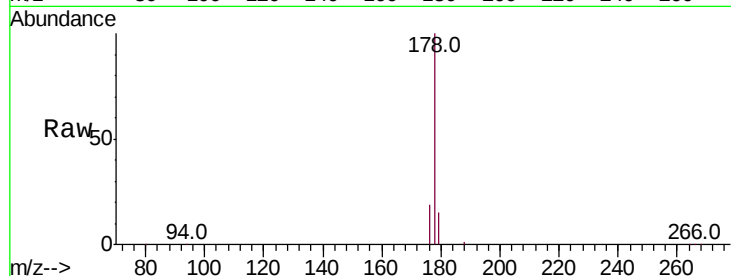
Tot Ion:178 Resp: 39713

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

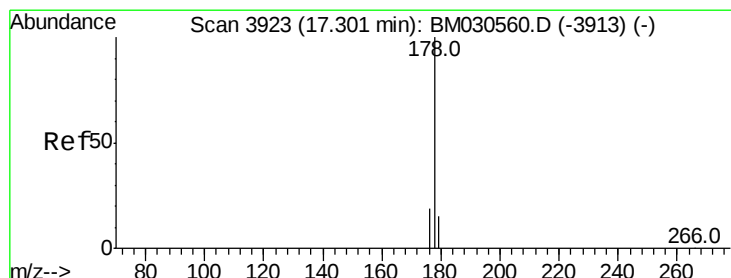
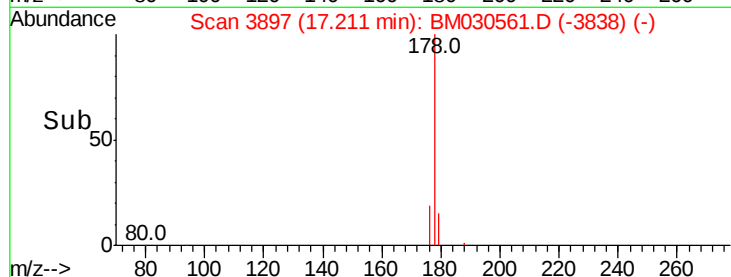
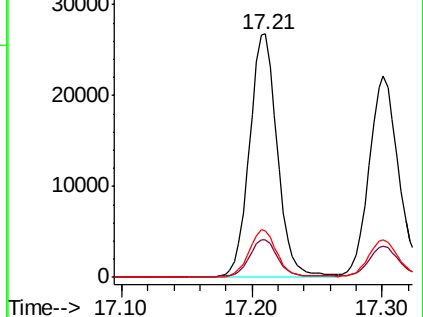
176 19.1 15.5 23.3



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



#16

Anthracene

Concen: 0.794 ng/ul

RT: 17.30 min Scan# 3923

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

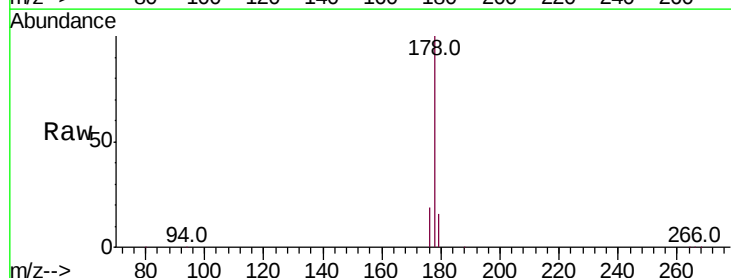
Tgt Ion:178 Resp: 35120

Ion Ratio Lower Upper

178 100

179 15.7 12.7 19.1

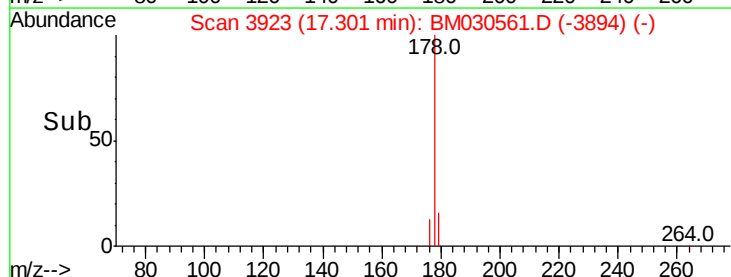
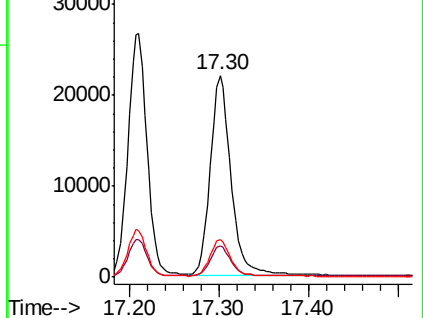
176 18.9 15.2 22.8

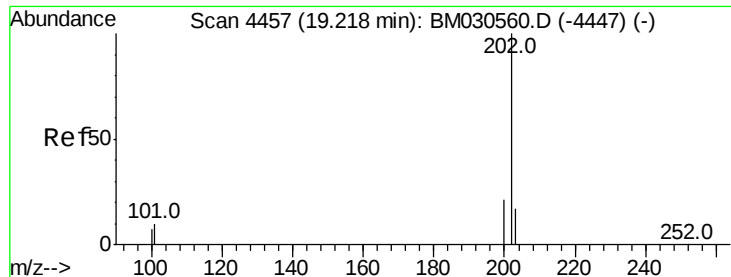


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#19

Fluoranthene

Concen: 0.718 ng/ul

RT: 19.22 min Scan# 4457

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

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ClientSampleId :

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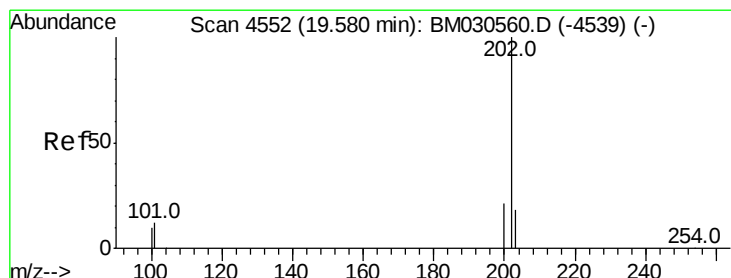
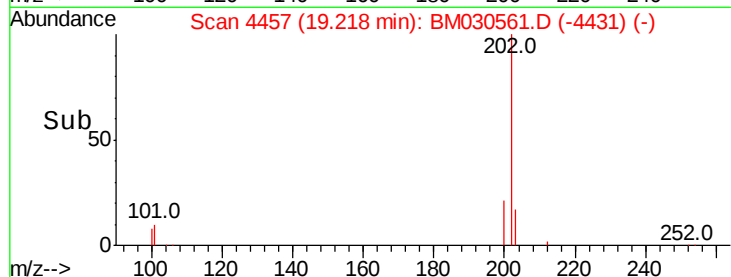
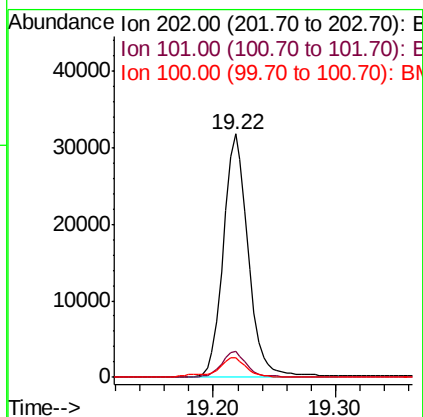
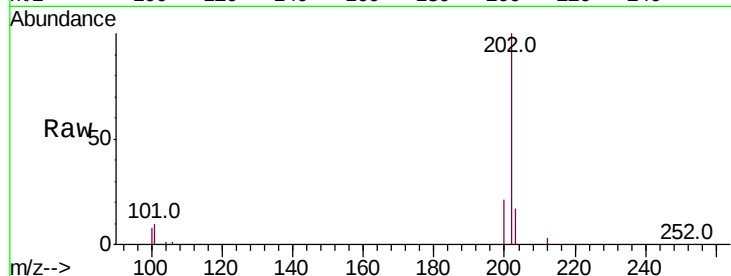
Tot Ion:202 Resp: 44452

Ion Ratio Lower Upper

202 100

101 10.5 8.8 13.2

100 7.9 6.9 10.3



#20

Pyrene

Concen: 0.721 ng/ul

RT: 19.58 min Scan# 4552

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

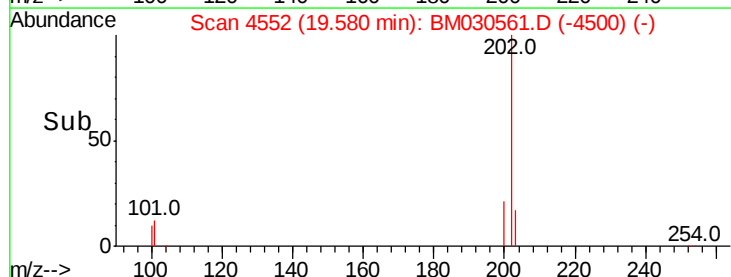
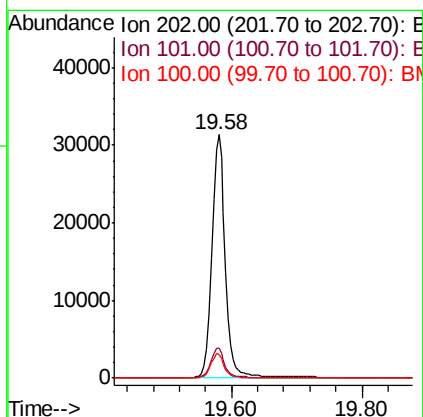
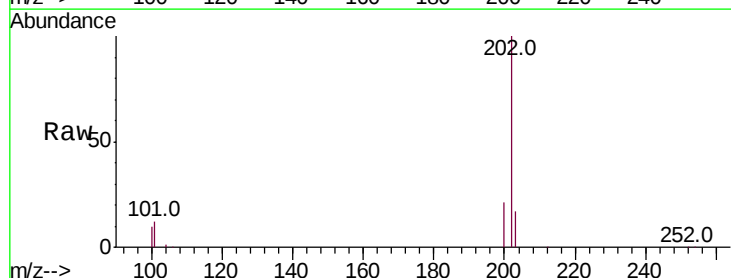
Tgt Ion:202 Resp: 45414

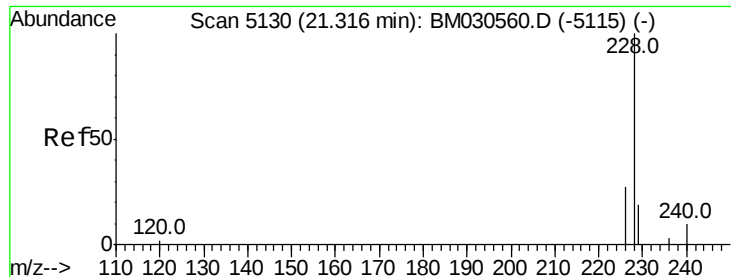
Ion Ratio Lower Upper

202 100

101 12.0 10.1 15.1

100 9.8 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.802 ng/ul

RT: 21.32 min Scan# 5130

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

Instrument :

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ClientSampleId :

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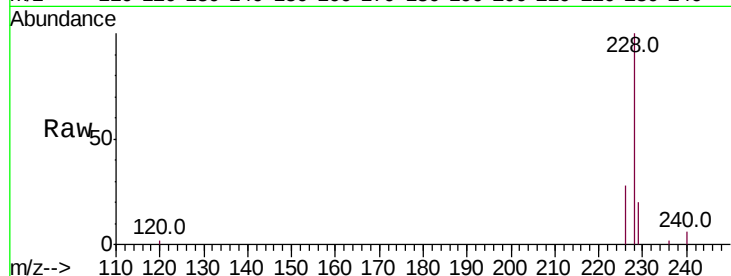
Tot Ion:228 Resp: 39190

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 27.5 22.2 33.4

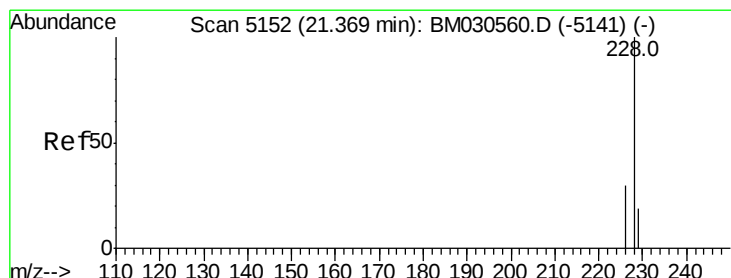
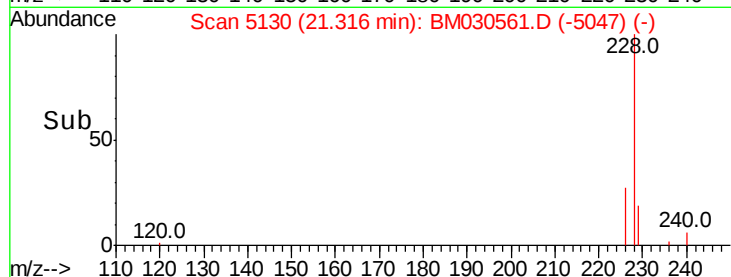
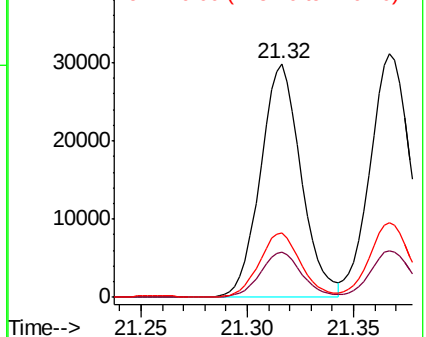


Abundance

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



#22

Chrysene

Concen: 0.809 ng/ul

RT: 21.37 min Scan# 5151

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

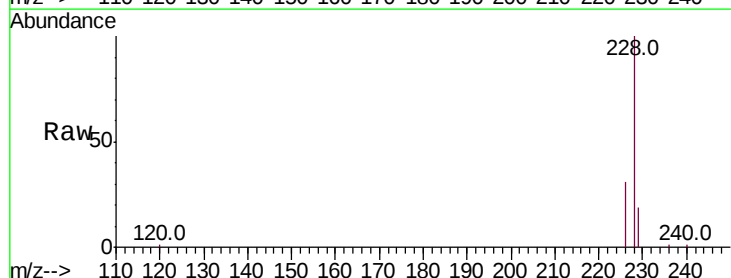
Tgt Ion:228 Resp: 42483

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.3 15.4 23.0

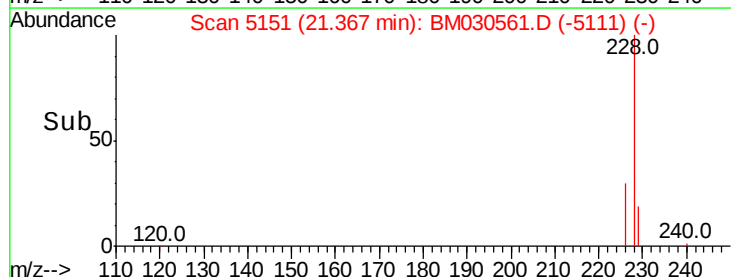
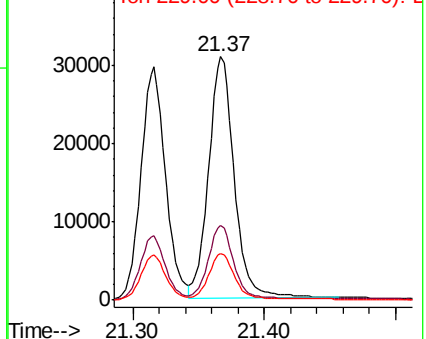


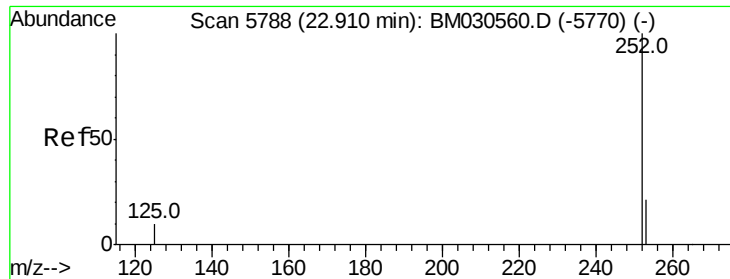
Abundance

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





#24

Benzo(b)fluoranthene

Concen: 0.711 ng/ul

RT: 22.91 min Scan# 5787

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.8604

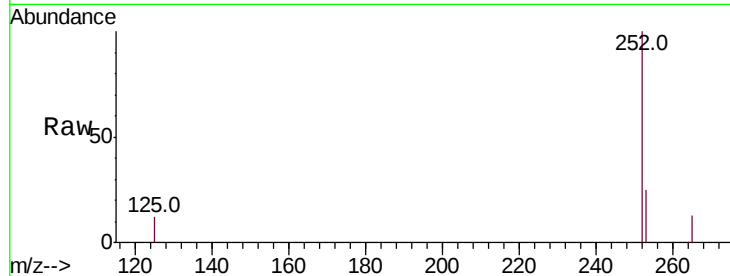
Tot Ion:252 Resp: 44340

Ion Ratio Lower Upper

252 100

253 24.9 0.0 50.2

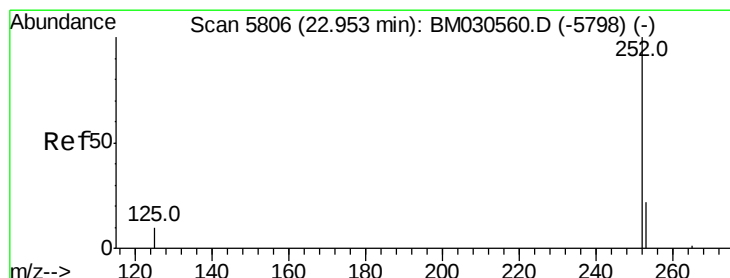
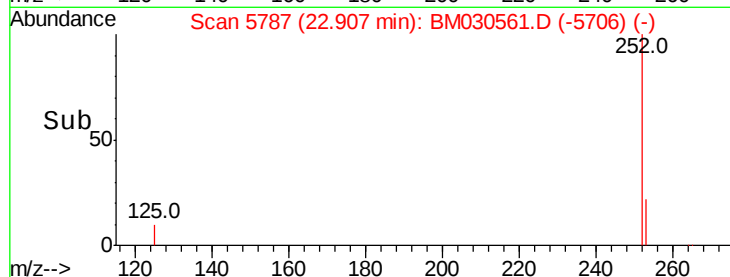
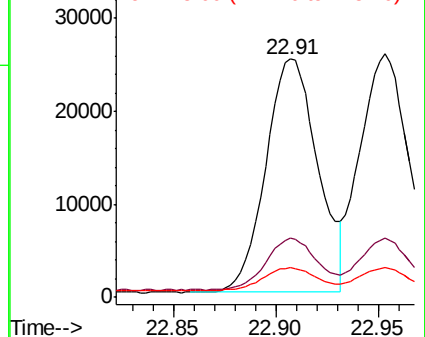
125 12.3 0.0 27.8



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



#25

Benzo(k)fluoranthene

Concen: 0.766 ng/ul

RT: 22.95 min Scan# 5806

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

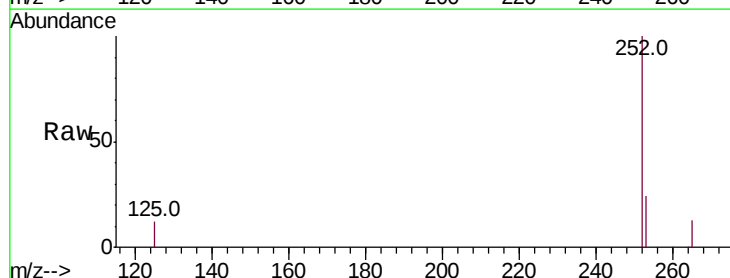
Tgt Ion:252 Resp: 45271

Ion Ratio Lower Upper

252 100

253 24.2 20.6 31.0

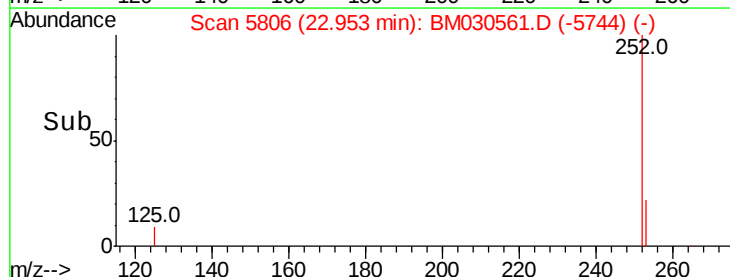
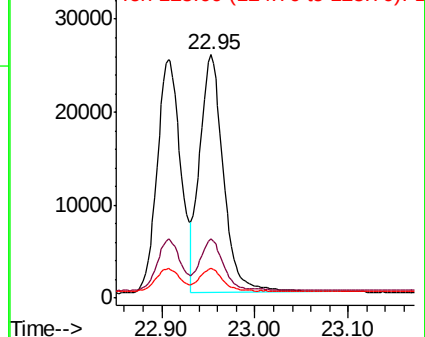
125 12.2 11.0 16.4

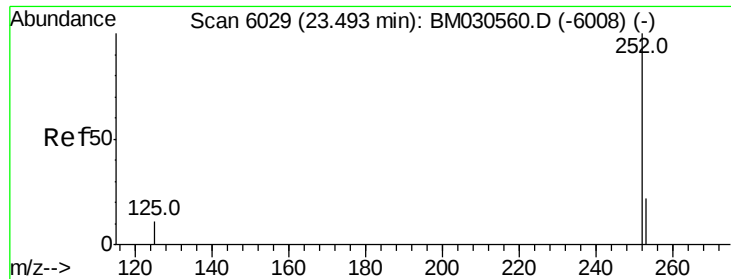


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.767 ng/ul

RT: 23.49 min Scan# 6028

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.8604

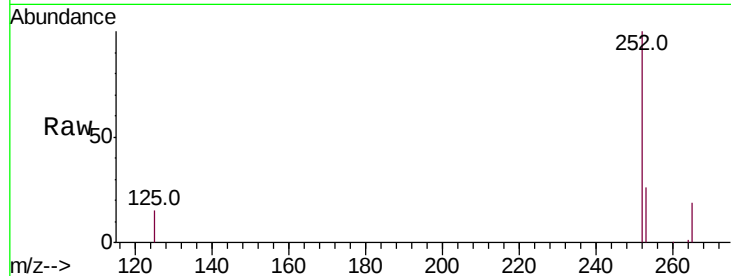
Tot Ion:252 Resp: 38622

Ion Ratio Lower Upper

252 100

253 25.7 22.0 33.0

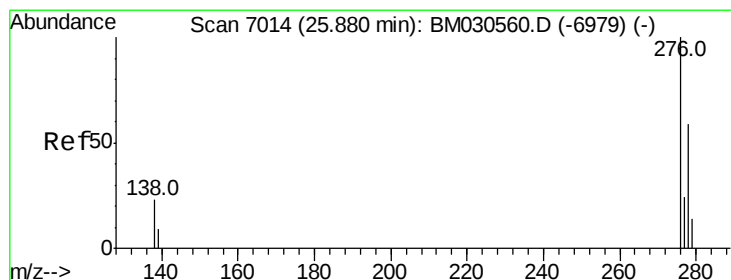
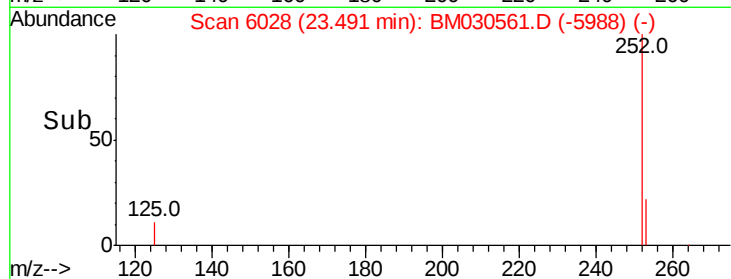
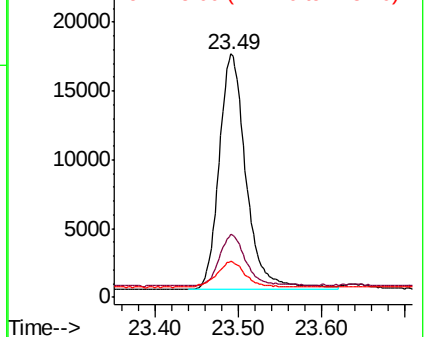
125 14.7 13.4 20.2



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.744 ng/ul

RT: 25.87 min Scan# 7012

Delta R.T. -0.00 min

Lab File: BM030561.D

Acq: 23 Jun 2021 23:39

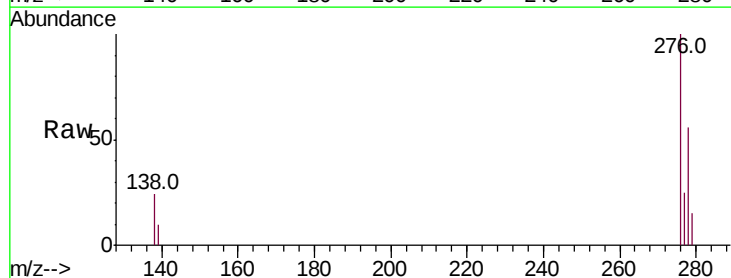
Tgt Ion:276 Resp: 49661

Ion Ratio Lower Upper

276 100

138 24.5 19.1 28.7

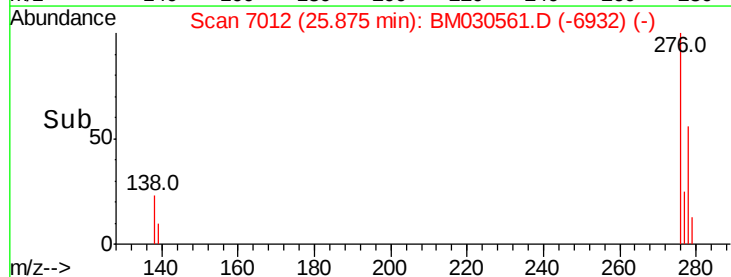
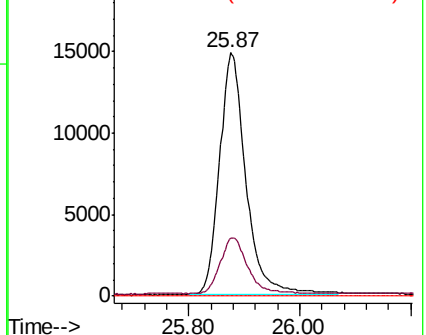
227 0.0 0.0 0.0

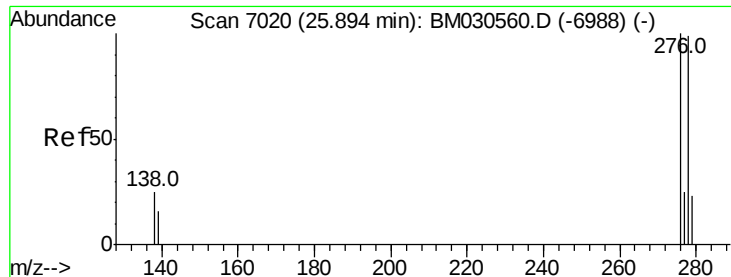


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



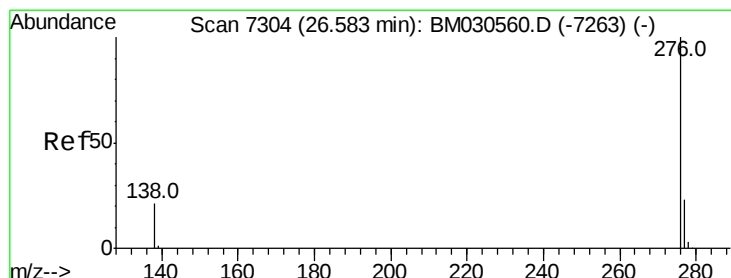
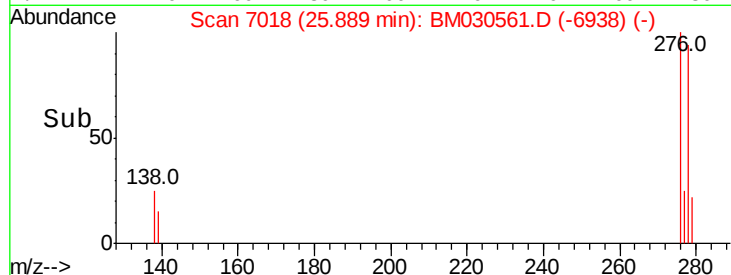
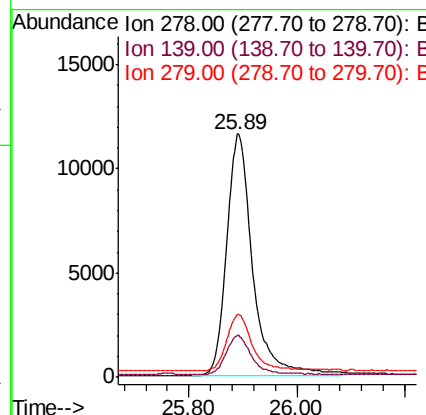
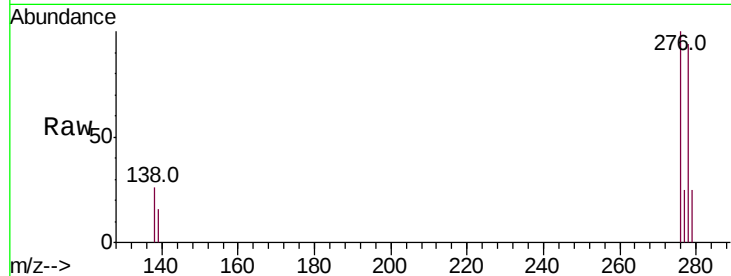


#28
Dibenzo(a,h)anthracene
Concen: 0.734 ng/ul
RT: 25.89 min Scan# 7018
Delta R.T. -0.00 min
Lab File: BM030561.D
Acq: 23 Jun 2021 23:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8604

Tot Ion:278 Resp: 39671

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.2	21.4
279	26.1	21.6	32.4



#29
Benzo(g,h,i)perylene
Concen: 0.737 ng/ul
RT: 26.58 min Scan# 7302
Delta R.T. -0.00 min
Lab File: BM030561.D
Acq: 23 Jun 2021 23:39

Tgt Ion:276 Resp: 42952

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.0	27.0
277	23.9	19.5	29.3

