

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061521\
 Data File : BM030457.D
 Acq On : 15 Jun 2021 22:08
 Operator : CG/JU
 Sample : PB137048BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS048

Quant Time: Jun 16 01:08:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM060121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:50:06 2021
 Response via : Initial Calibration

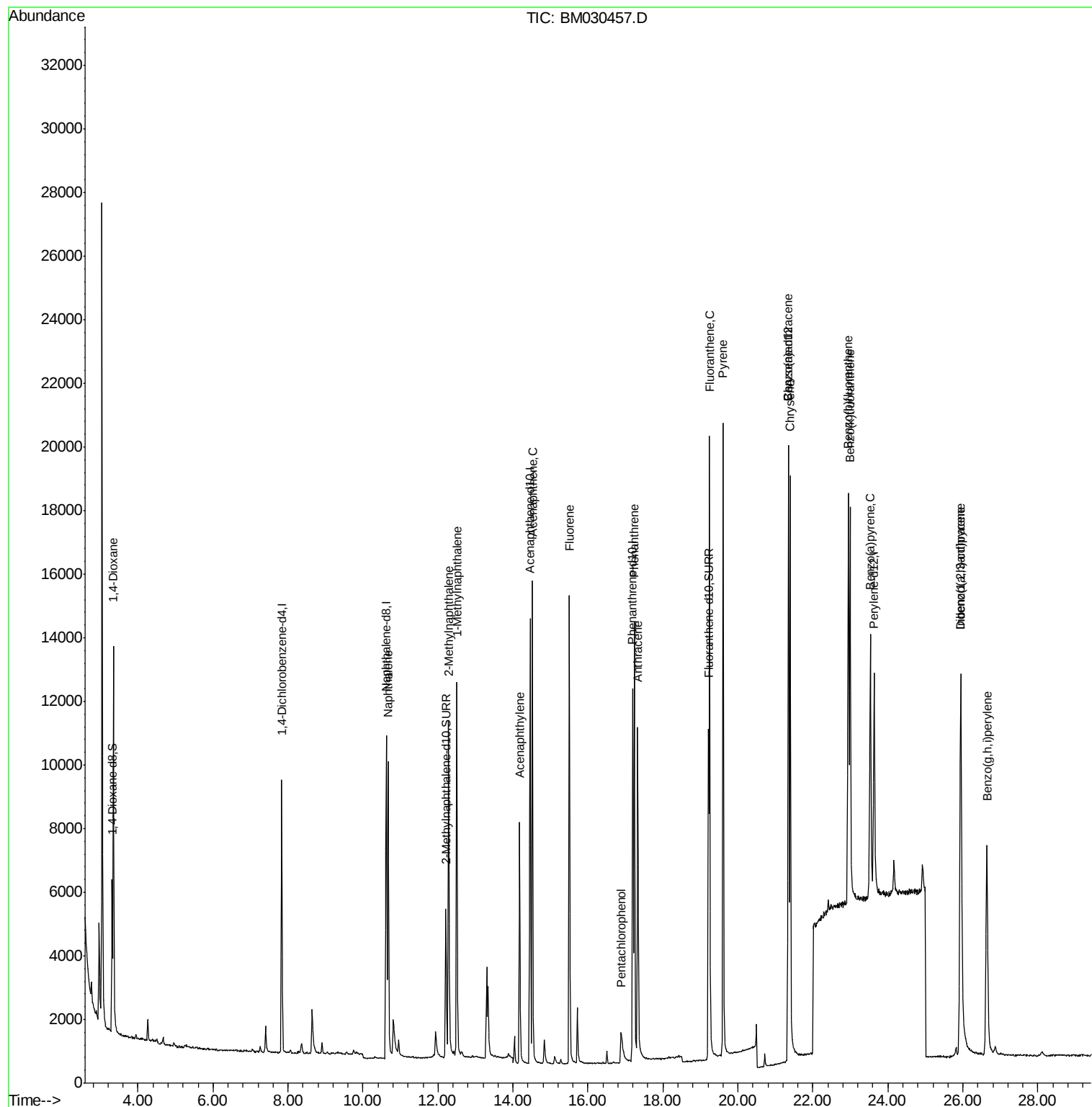
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	4552	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	15543	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.45	164	8325	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	15469	0.40	ng/ul	0.00
17) Chrysene-d12	21.35	240	11627	0.40	ng/ul	0.00
23) Perylene-d12	23.63	264	10724	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	3019	0.68	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.21	152	7452	0.33	ng/ul	0.00
18) Fluoranthene-d10	19.21	212	13547	0.35	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.34	88	7814	1.622	ng/ul#	83
5) Naphthalene	10.67	128	14080	0.306	ng/ul	99
7) 2-Methylnaphthalene	12.28	142	9146	0.295	ng/ul	100
8) 1-Methylnaphthalene	12.50	142	8822	0.296	ng/ul	100
10) Acenaphthylene	14.18	152	10254	0.259	ng/ul	100
11) Acenaphthene	14.52	153	9540	0.283	ng/ul	100
12) Fluorene	15.51	166	10457	0.273	ng/ul	99
14) Pentachlorophenol	16.88	266	1931	0.400	ng/ul	100
15) Phenanthrene	17.23	178	16351	0.292	ng/ul	99
16) Anthracene	17.33	178	13221	0.277	ng/ul	99
19) Fluoranthene	19.24	202	18593	0.314	ng/ul	97
20) Pyrene	19.60	202	19298	0.320	ng/ul	97
21) Benzo(a)anthracene	21.34	228	15308	0.328	ng/ul	100
22) Chrysene	21.39	228	18103	0.361	ng/ul	99
24) Benzo(b)fluoranthene	22.94	252	18022	0.338	ng/ul	97
25) Benzo(k)fluoranthene	22.99	252	18346	0.363	ng/ul	96
26) Benzo(a)pyrene	23.53	252	15190	0.353	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.93	276	18244	0.320	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.95	278	14300	0.310	ng/ul	94
29) Benzo(g,h,i)perylene	26.64	276	16444	0.330	ng/ul	96

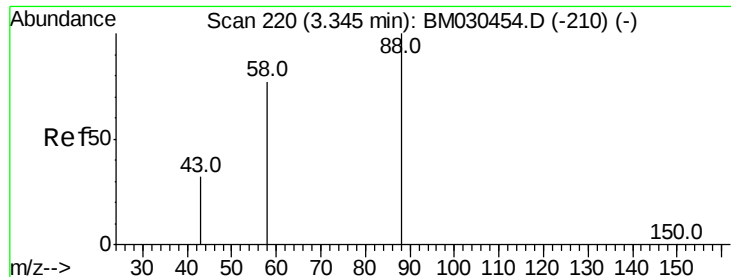
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061521\
Data File : BM030457.D
Acq On : 15 Jun 2021 22:08
Operator : CG/JU
Sample : PB137048BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS048

Quant Time: Jun 16 01:08:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:50:06 2021
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.622 ng/ul

RT: 3.34 min Scan# 219

Delta R.T. -0.01 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

Instrument :

BNA_M

ClientSampleId :

SLCS048

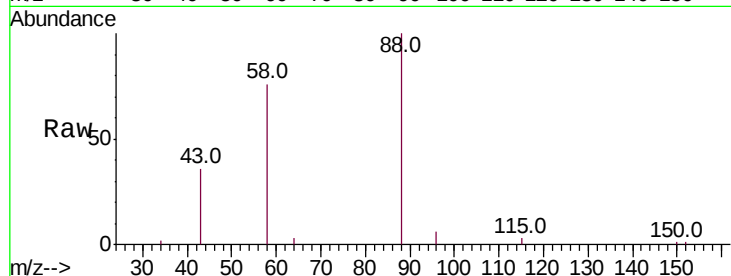
Tot Ion: 88 Resp: 7814

Ion Ratio Lower Upper

88 100

43 36.3 38.2 57.4#

58 75.5 49.8 74.8#

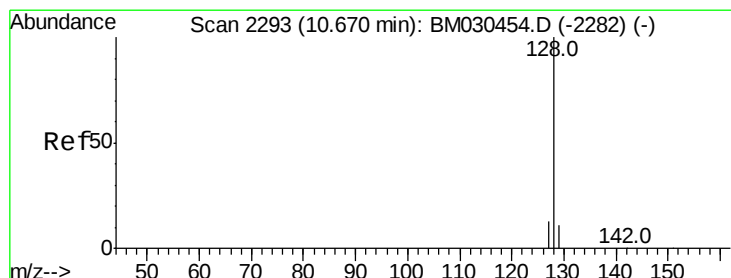
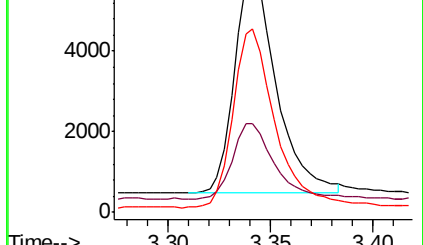
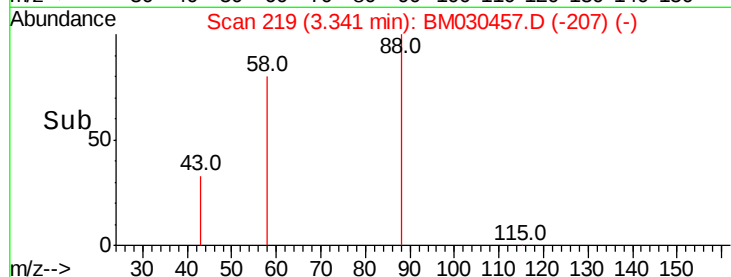


Abundance Ion 88.00 (87.70 to 88.70): BM030457.D (-219) (-)

Ion 43.00 (42.70 to 43.70): BM030457.D (-219) (-)

Ion 58.00 (57.70 to 58.70): BM030457.D (-219) (-)

Time-->



#5

Naphthalene

Concen: 0.306 ng/ul

RT: 10.67 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

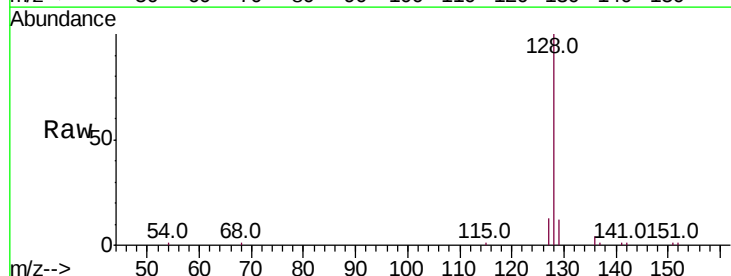
Tgt Ion: 128 Resp: 14080

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

127 13.2 10.5 15.7

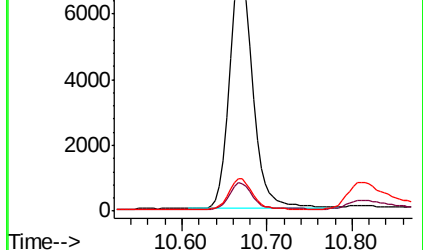
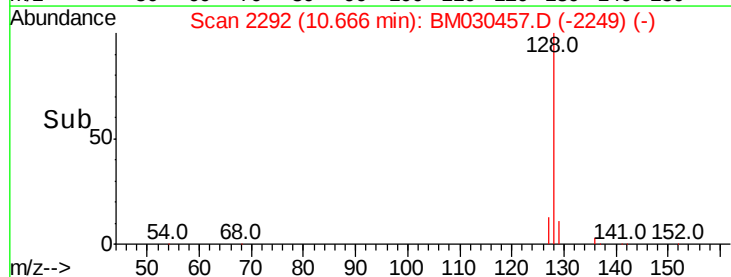


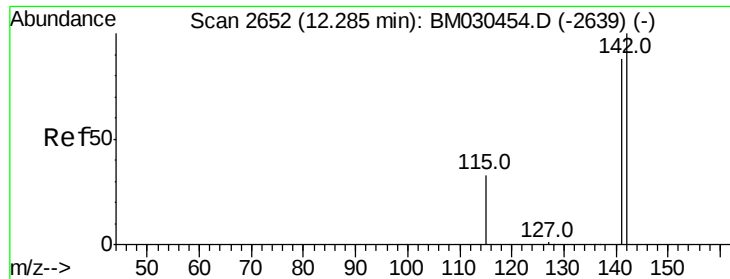
Abundance Ion 128.00 (127.70 to 128.70): BM030457.D (-2292) (-)

Ion 129.00 (128.70 to 129.70): BM030457.D (-2292) (-)

Ion 127.00 (126.70 to 127.70): BM030457.D (-2292) (-)

Time-->





#7

2-Methylnaphthalene

Concen: 0.295 ng/ul

RT: 12.28 min Scan# 2651

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

Instrument :

BNA_M

ClientSampleId :

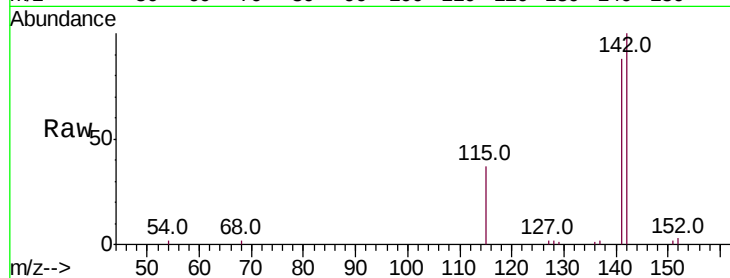
SLCS048

Tot Ion:142 Resp: 9146

Ion Ratio Lower Upper

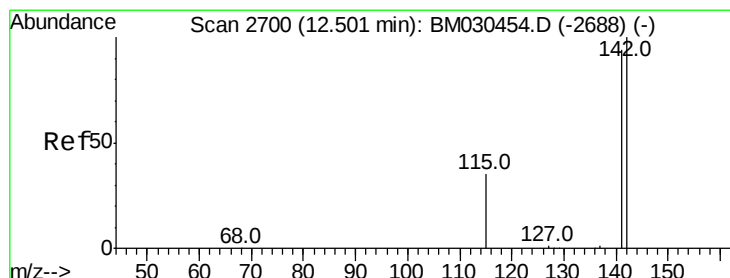
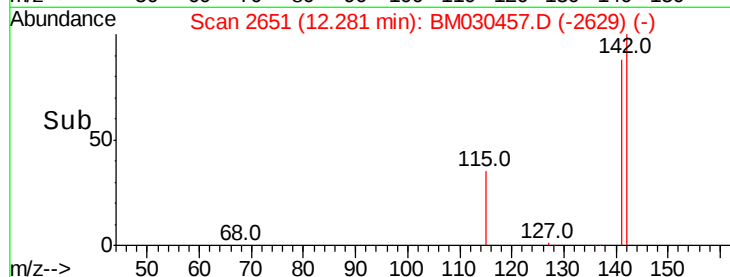
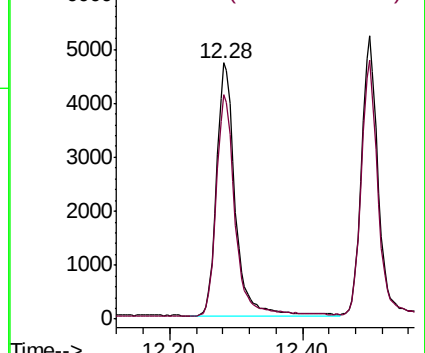
142 100

141 89.3 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 0.296 ng/ul

RT: 12.50 min Scan# 2700

Delta R.T. -0.00 min

Lab File: BM030457.D

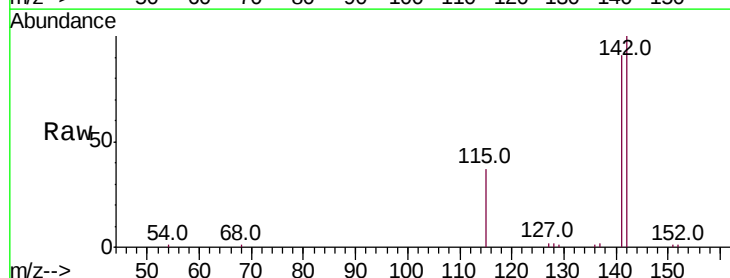
Acq: 15 Jun 2021 22:08

Tgt Ion:142 Resp: 8822

Ion Ratio Lower Upper

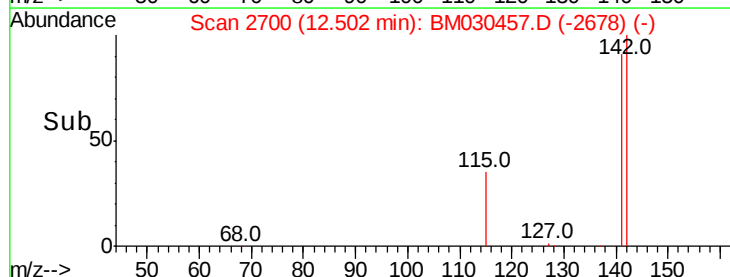
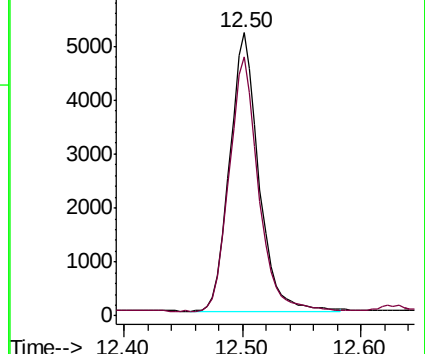
142 100

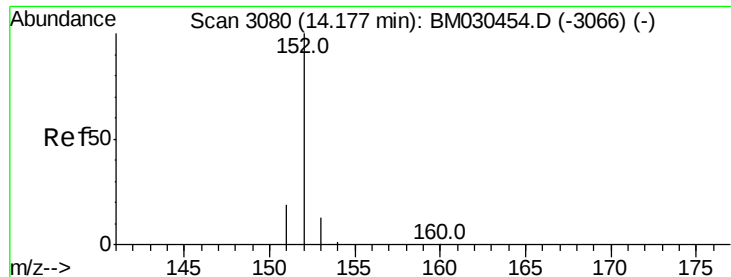
141 91.8 73.3 109.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.259 ng/ul

RT: 14.18 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

Instrument :

BNA_M

ClientSampleId :

SLCS048

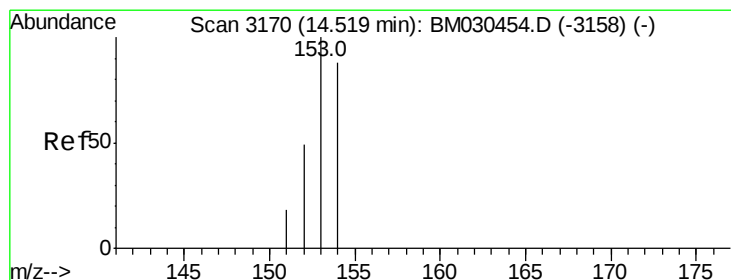
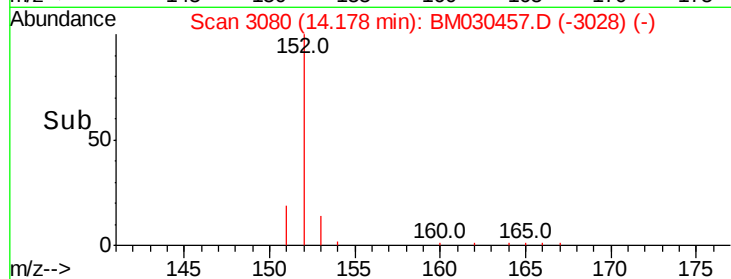
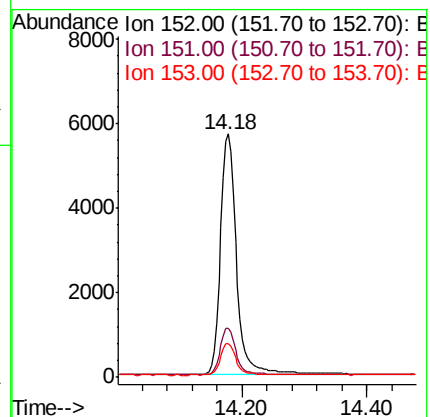
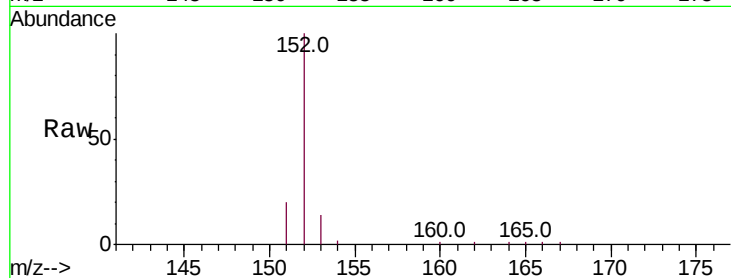
Tot Ion:152 Resp: 10254

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.9 10.9 16.3



#11

Acenaphthene

Concen: 0.283 ng/ul

RT: 14.52 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

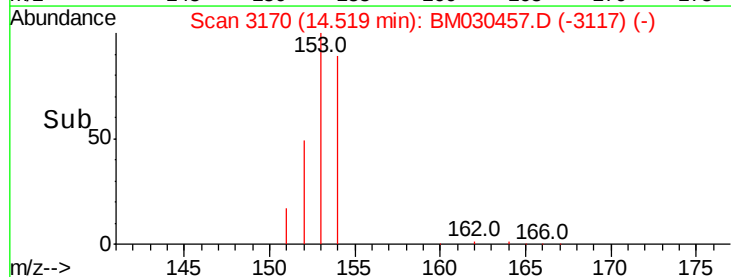
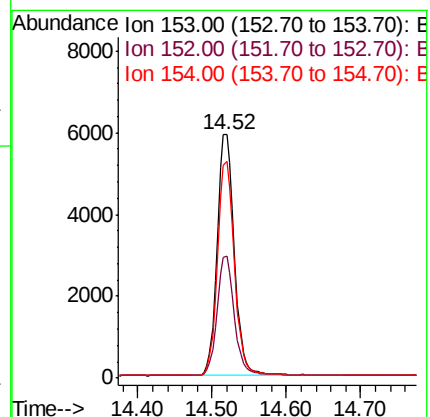
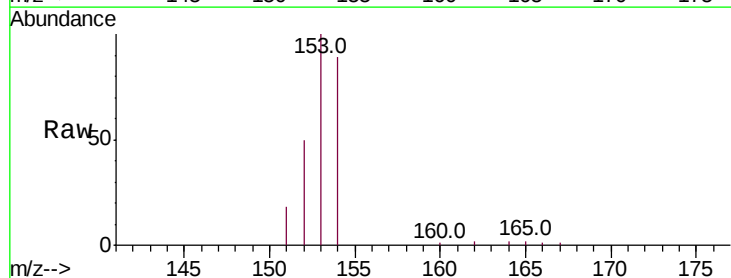
Tgt Ion:153 Resp: 9540

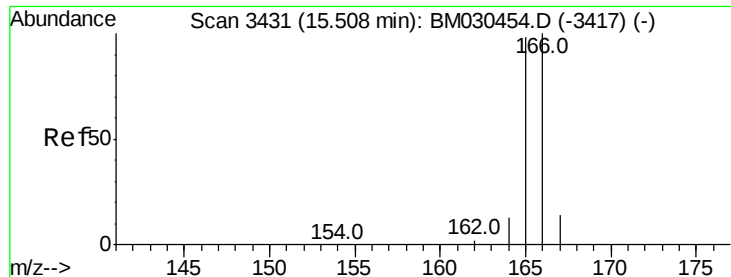
Ion Ratio Lower Upper

153 100

152 50.0 39.8 59.8

154 89.1 70.9 106.3





#12

Fluorene

Concen: 0.273 ng/ul

RT: 15.51 min Scan# 3430

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

Instrument :

BNA_M

ClientSampleId :

SLCS048

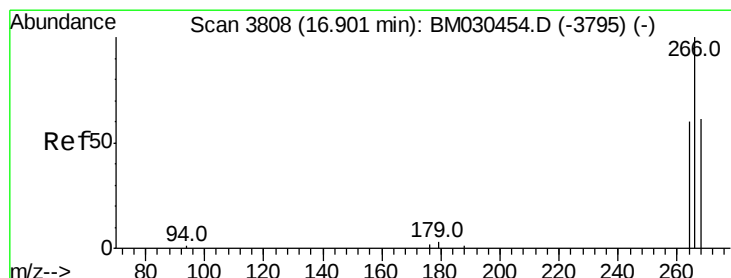
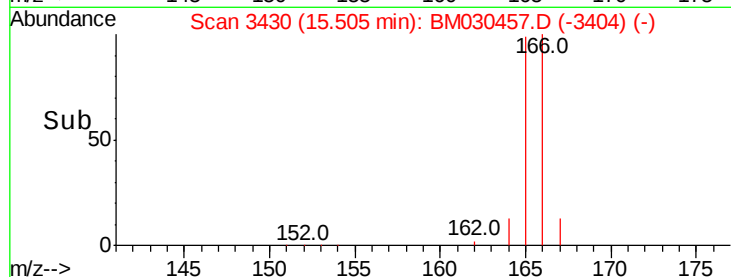
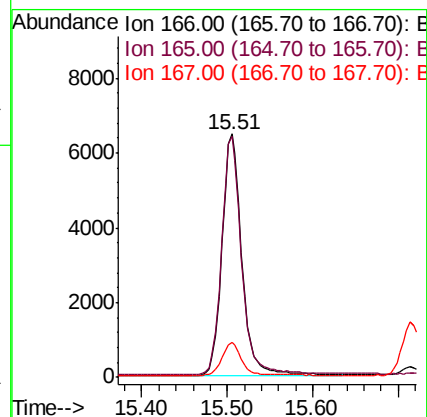
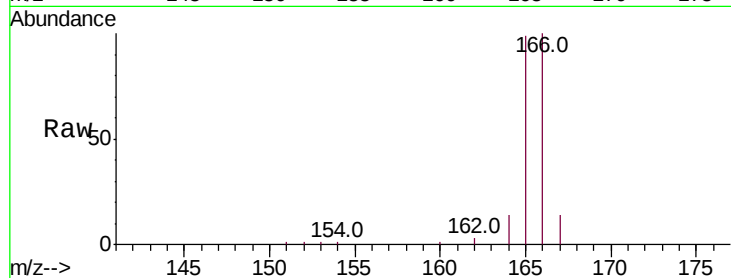
Tot Ion:166 Resp: 10457

Ion Ratio Lower Upper

166 100

165 99.0 78.2 117.2

167 14.2 10.9 16.3



#14

Pentachlorophenol

Concen: 0.400 ng/ul

RT: 16.88 min Scan# 3803

Delta R.T. 0.01 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

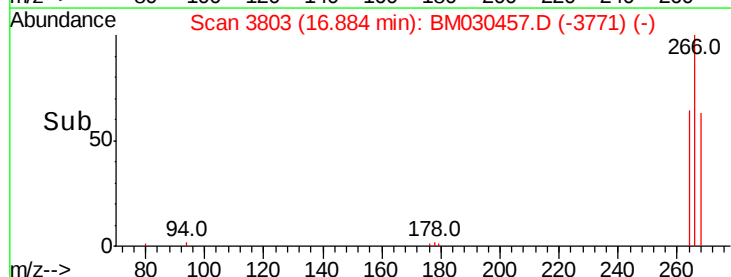
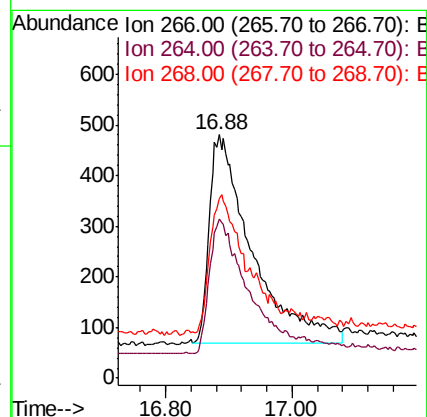
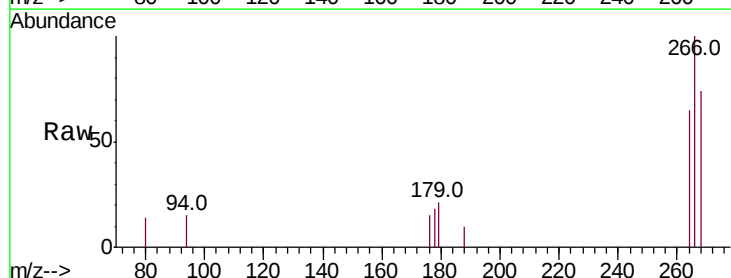
Tgt Ion:266 Resp: 1931

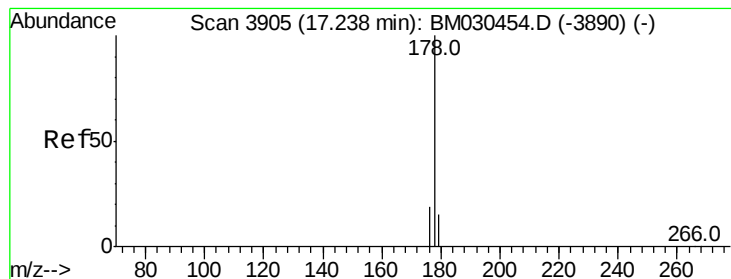
Ion Ratio Lower Upper

266 100

264 63.7 50.6 75.8

268 62.4 50.0 75.0





#15

Phenanthrene

Concen: 0.292 ng/ul

RT: 17.23 min Scan# 3904

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

Instrument :

BNA_M

ClientSampleId :

SLCS048

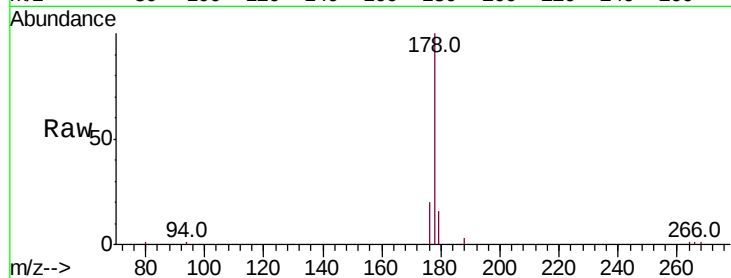
Tot Ion:178 Resp: 16351

Ion Ratio Lower Upper

178 100

179 16.3 12.5 18.7

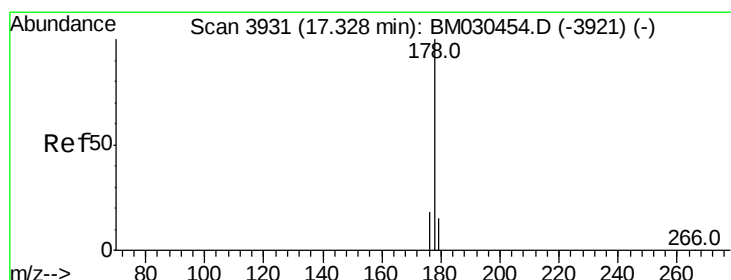
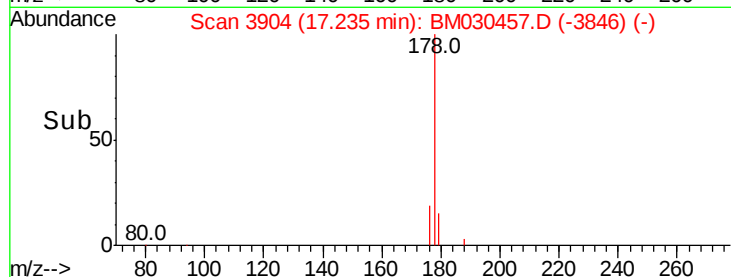
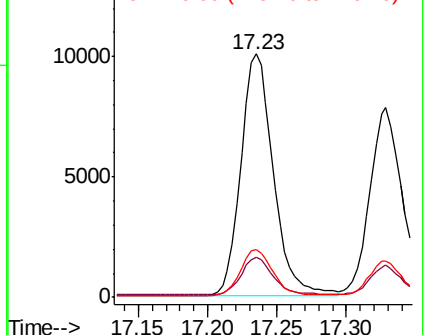
176 19.5 15.6 23.4



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: 0.277 ng/ul

RT: 17.33 min Scan# 3931

Delta R.T. 0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

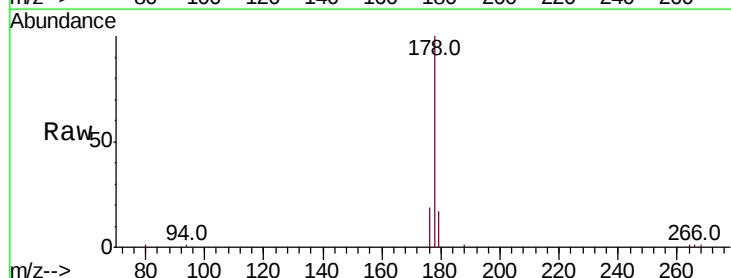
Tgt Ion:178 Resp: 13221

Ion Ratio Lower Upper

178 100

179 16.7 13.1 19.7

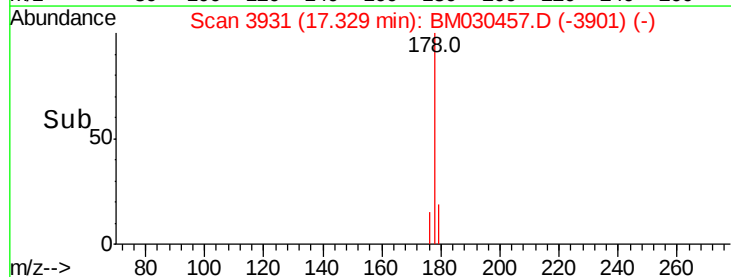
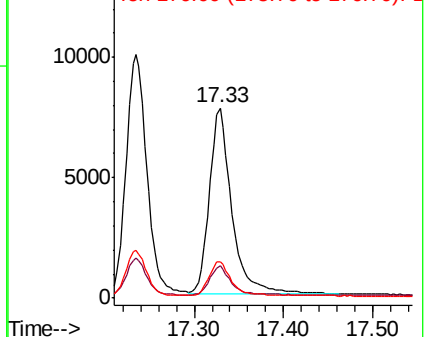
176 19.1 15.7 23.5

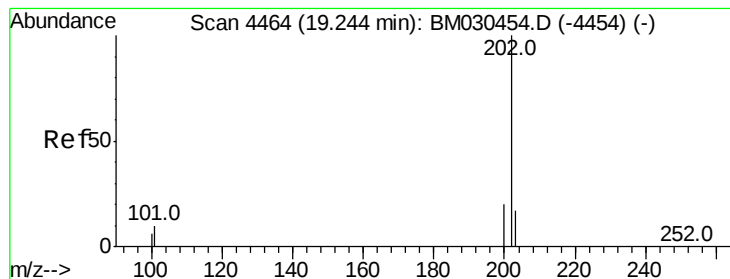


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#19

Fluoranthene

Concen: 0.314 ng/ul

RT: 19.24 min Scan# 4463

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

Instrument :

BNA_M

ClientSampleId :

SLCS048

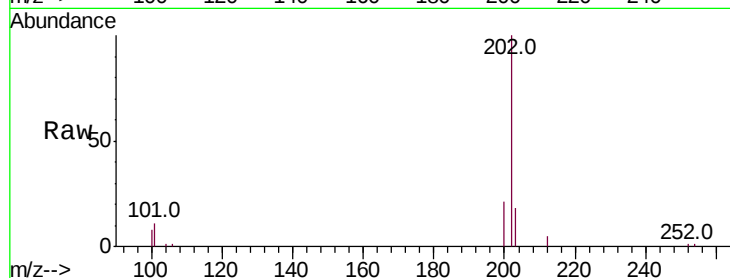
Tot Ion:202 Resp: 18593

Ion Ratio Lower Upper

202 100

101 10.7 9.7 14.5

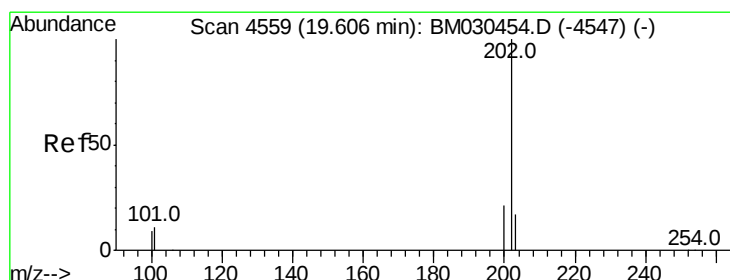
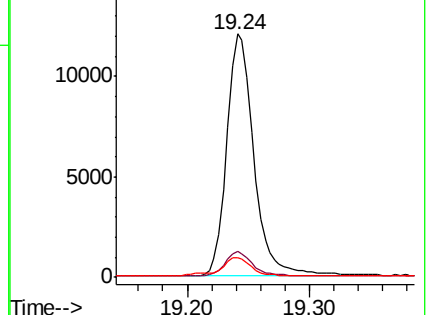
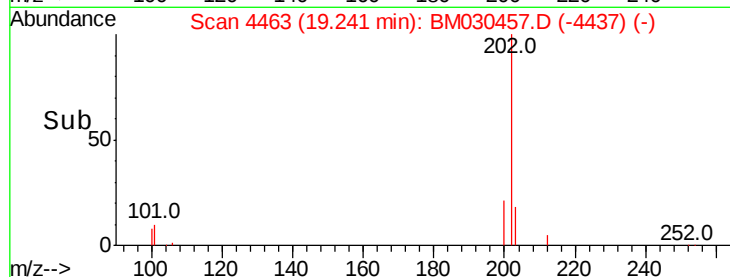
100 8.2 7.4 11.0



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



#20

Pyrene

Concen: 0.320 ng/ul

RT: 19.60 min Scan# 4558

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

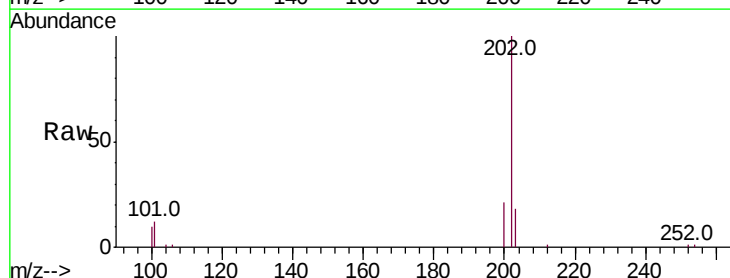
Tgt Ion:202 Resp: 19298

Ion Ratio Lower Upper

202 100

101 12.3 10.6 16.0

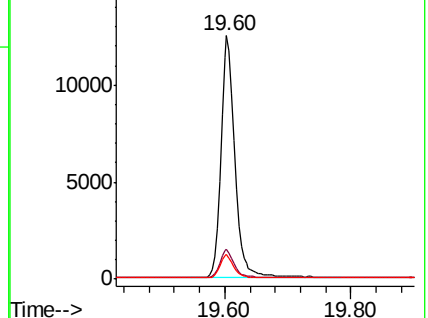
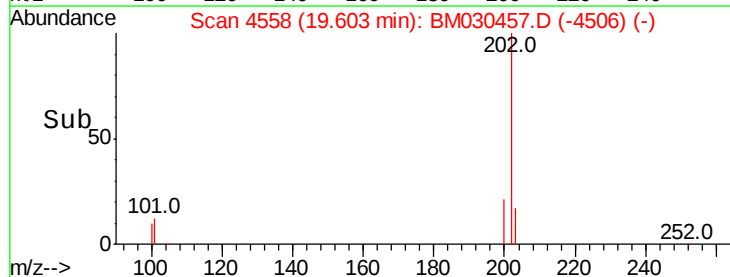
100 10.0 8.9 13.3

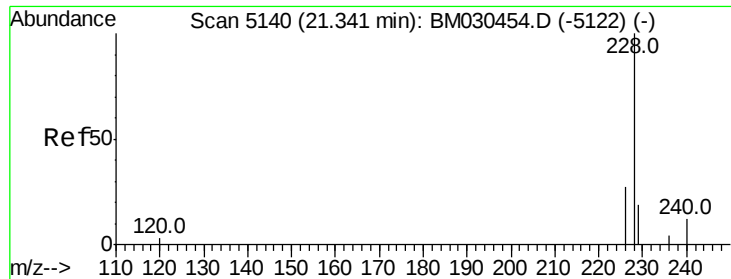


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

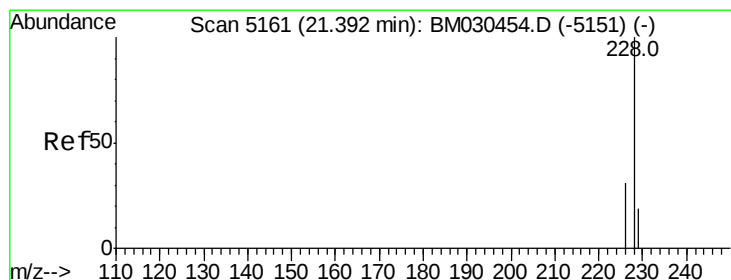
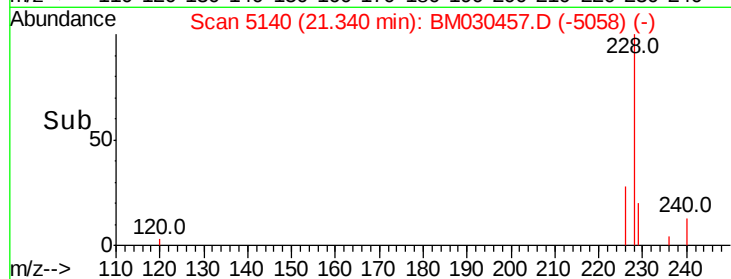
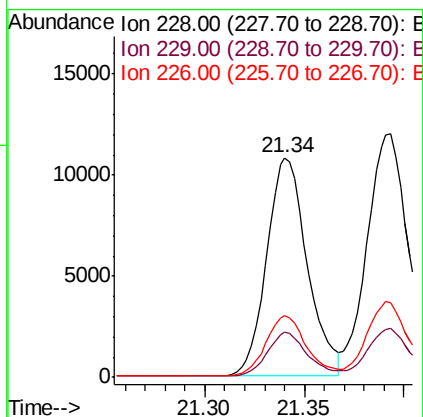
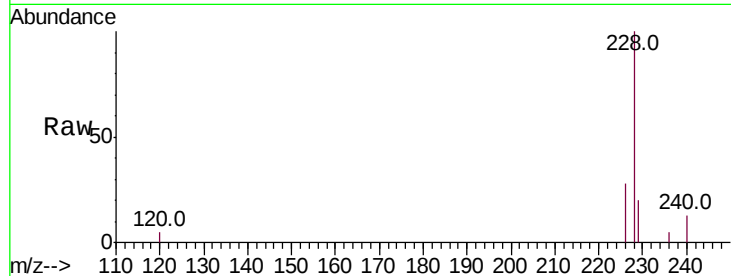




#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.34 min Scan# 5140
Delta R.T. -0.00 min
Lab File: BM030457.D
Acq: 15 Jun 2021 22:08

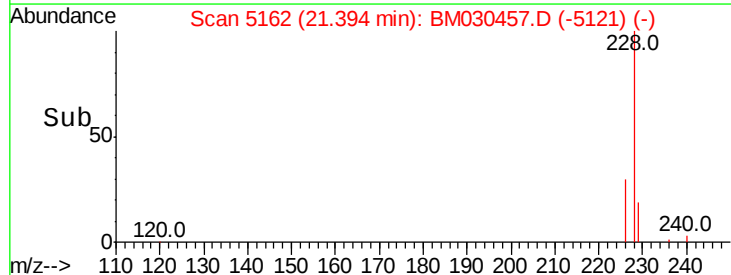
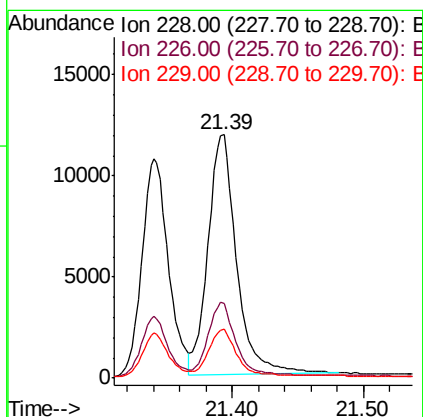
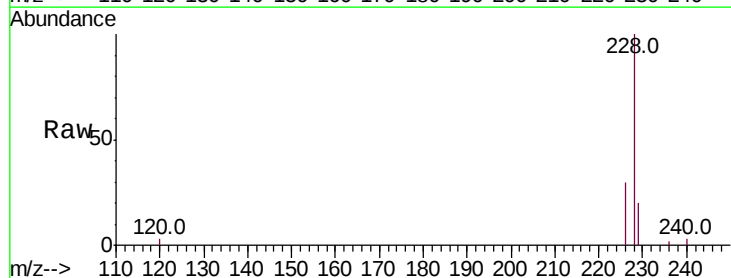
Instrument :
BNA_M
ClientSampleId :
SLCS048

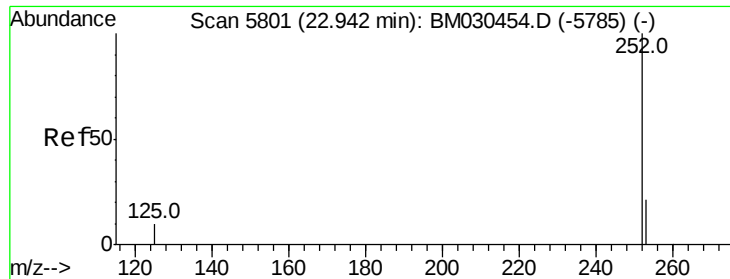
Tot Ion:228 Resp: 15308
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.39 min Scan# 5162
Delta R.T. -0.00 min
Lab File: BM030457.D
Acq: 15 Jun 2021 22:08

Tgt Ion:228 Resp: 18103
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.338 ng/ul

RT: 22.94 min Scan# 5802

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

Instrument :

BNA_M

ClientSampleId :

SLCS048

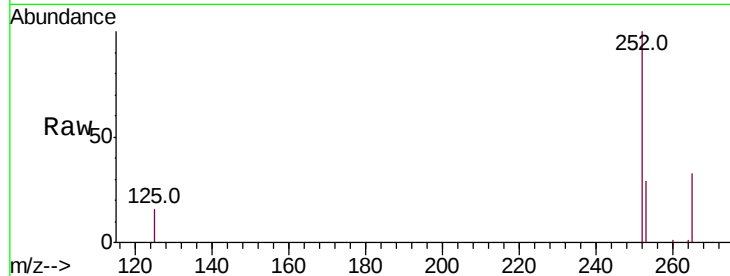
Tot Ion:252 Resp: 18022

Ion Ratio Lower Upper

252 100

253 29.2 0.0 57.4

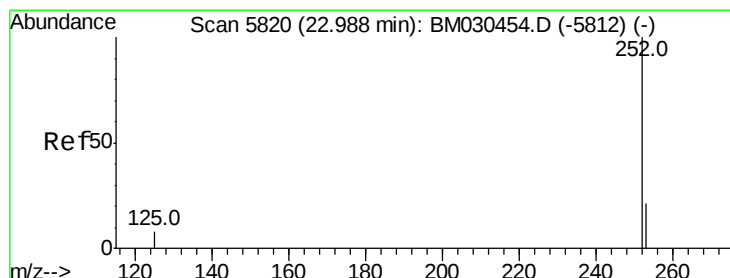
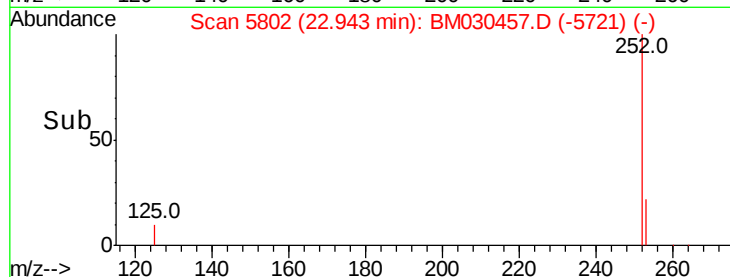
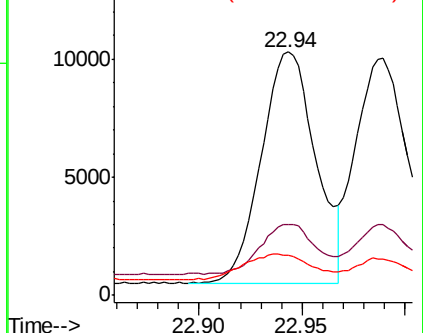
125 16.3 0.0 38.0



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: 0.363 ng/ul

RT: 22.99 min Scan# 5821

Delta R.T. -0.00 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

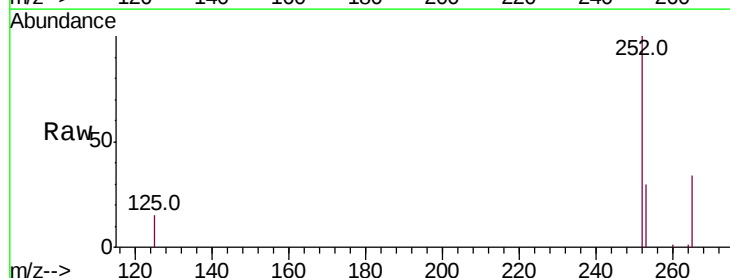
Tgt Ion:252 Resp: 18346

Ion Ratio Lower Upper

252 100

253 29.8 23.0 34.6

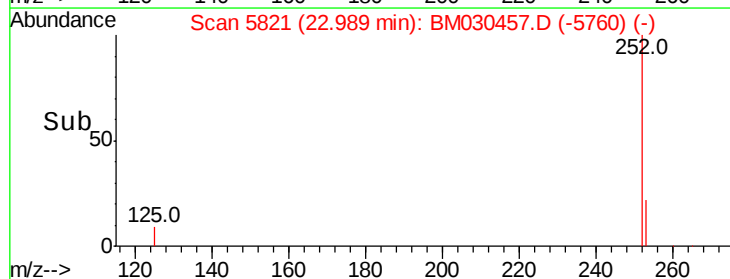
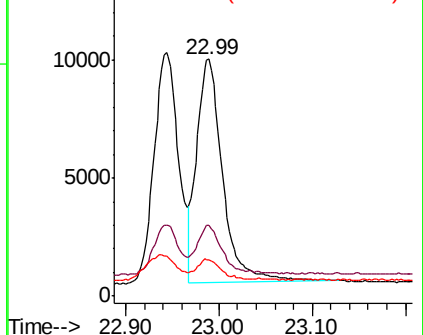
125 15.4 14.8 22.2

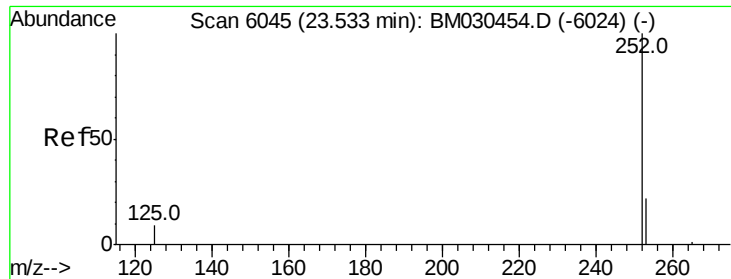


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.353 ng/u1

RT: 23.53 min Scan# 6044

Delta R.T. -0.01 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

Instrument :

BNA_M

ClientSampleId :

SLCS048

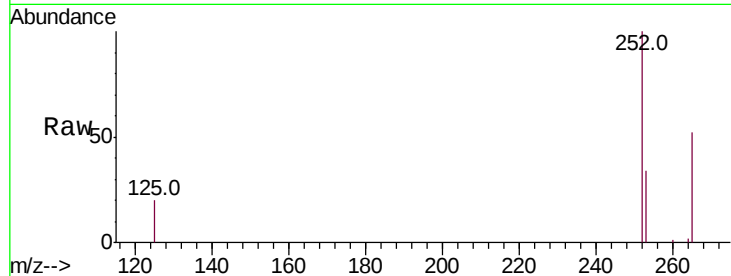
Tot Ion:252 Resp: 15190

Ion Ratio Lower Upper

252 100

253 34.2 25.3 37.9

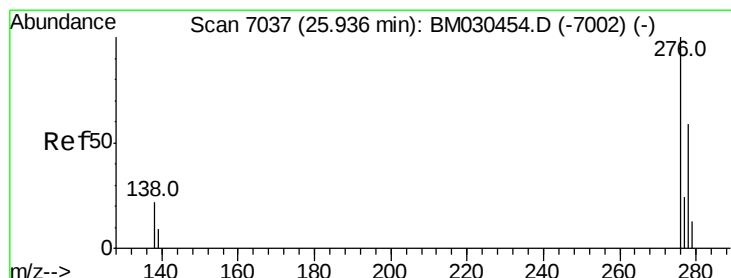
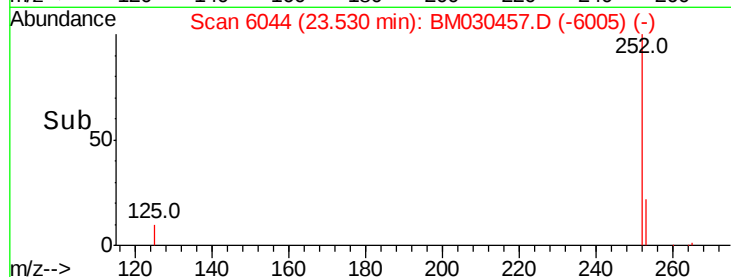
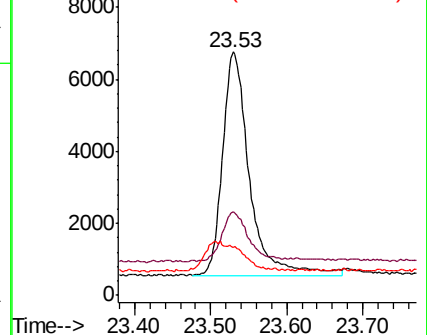
125 19.9 17.6 26.4



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.320 ng/u1

RT: 25.93 min Scan# 7036

Delta R.T. -0.01 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

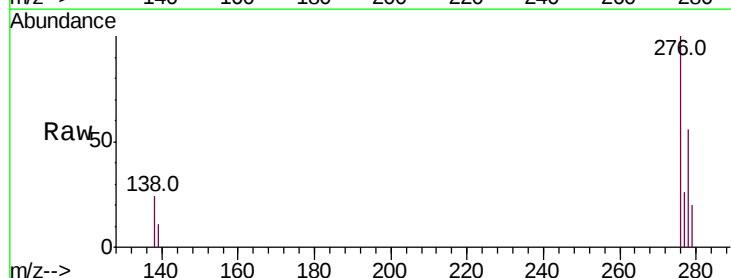
Tgt Ion:276 Resp: 18244

Ion Ratio Lower Upper

276 100

138 23.8 22.3 33.5

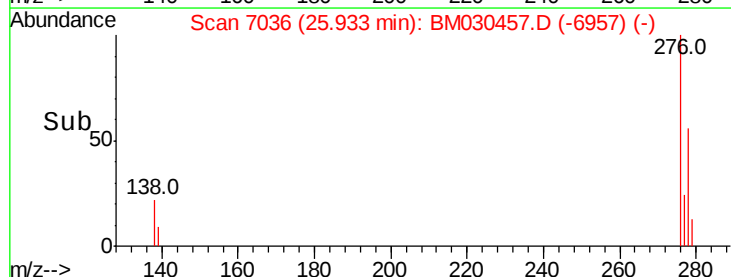
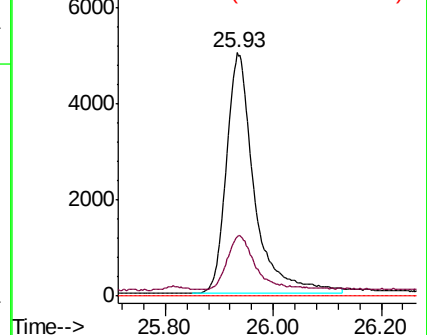
227 0.0 0.0 0.0

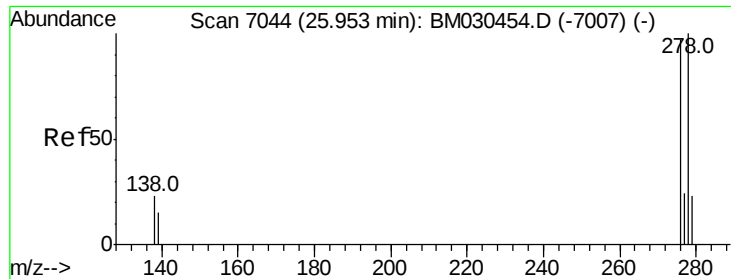


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#28

Dibenzo(a,h)anthracene

Concen: 0.310 ng/ul

RT: 25.95 min Scan# 7042

Delta R.T. -0.01 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

Instrument :

BNA_M

ClientSampleId :

SLCS048

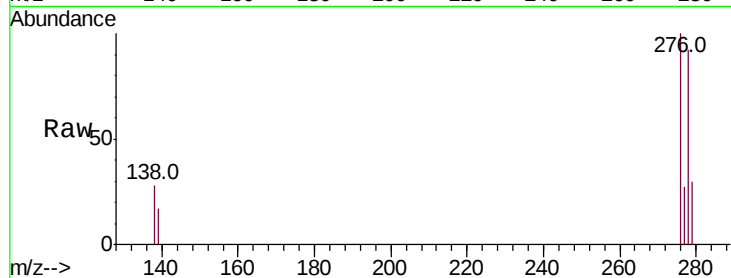
Tot Ion:278 Resp: 14300

Ion Ratio Lower Upper

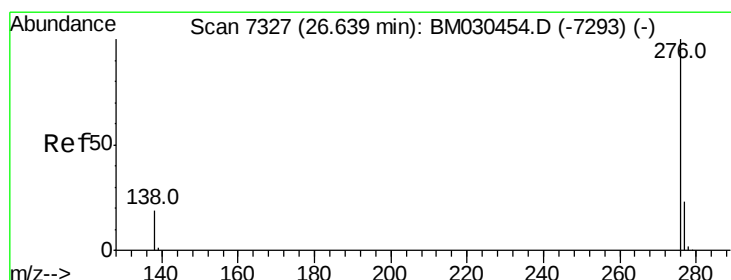
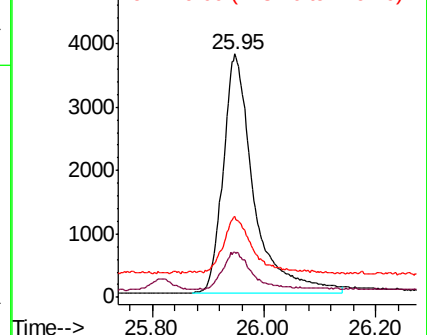
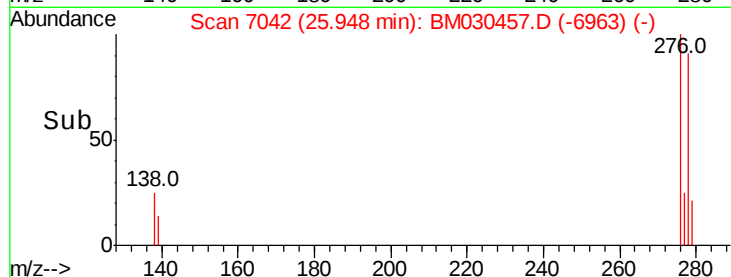
278 100

139 18.5 15.8 23.8

279 33.0 23.2 34.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#29

Benzo(g,h,i)perylene

Concen: 0.330 ng/ul

RT: 26.64 min Scan# 7328

Delta R.T. -0.01 min

Lab File: BM030457.D

Acq: 15 Jun 2021 22:08

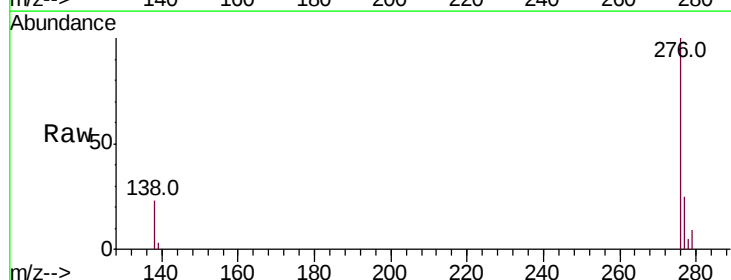
Tgt Ion:276 Resp: 16444

Ion Ratio Lower Upper

276 100

138 23.5 21.5 32.3

277 24.9 19.5 29.3



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

