

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121120\
 Data File : BM028105.D
 Acq On : 11 Dec 2020 18:34
 Operator : JU/CG
 Sample : SST00.406
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST00.4061

Quant Time: Dec 12 02:54:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM121120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 12 02:45:43 2020
 Response via : Initial Calibration

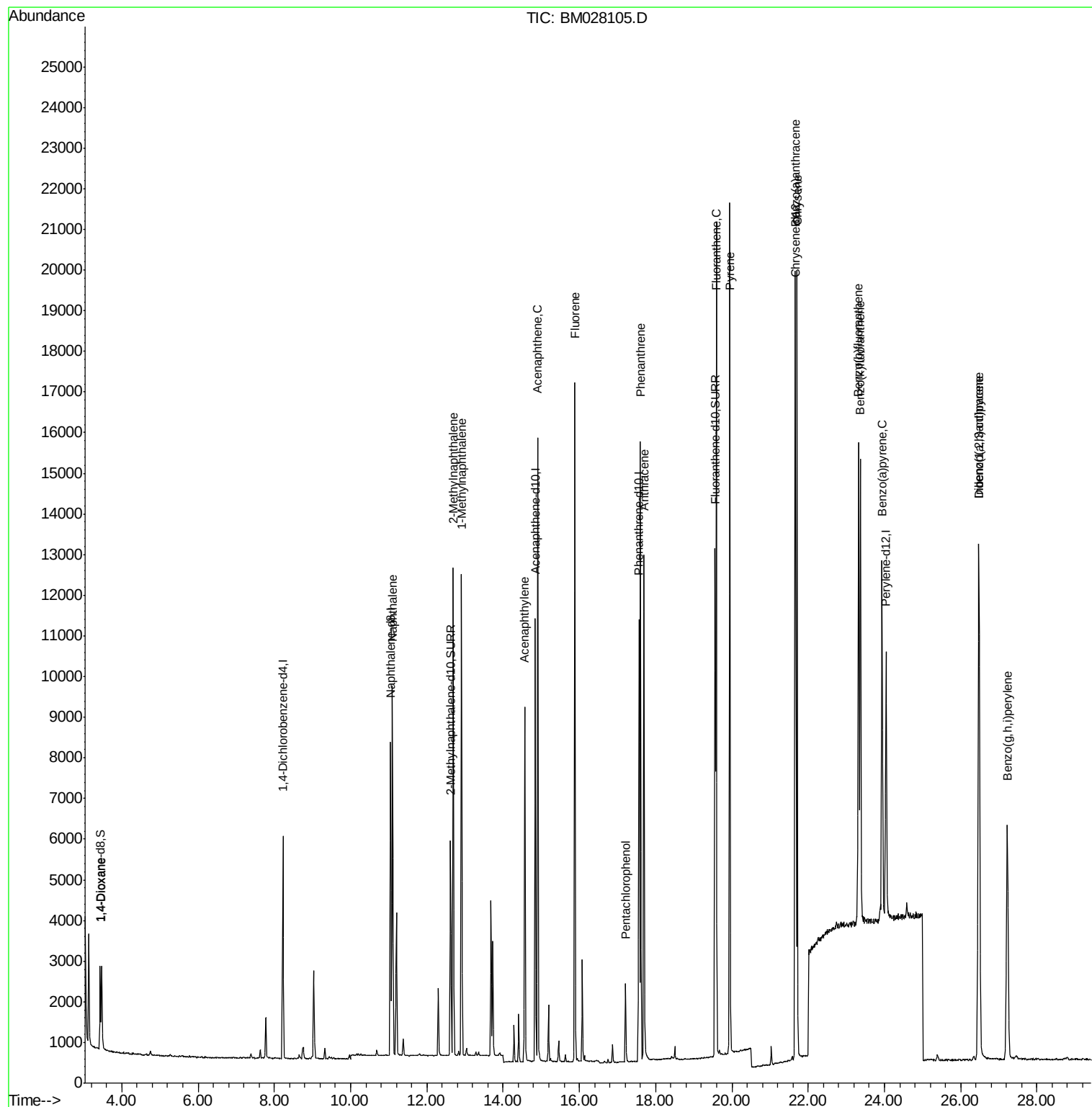
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	2669	0.40	ng/ul	0.00
4) Naphthalene-d8	11.05	136	10270	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.84	164	5863	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.56	188	12270	0.40	ng/ul	0.00
17) Chrysene-d12	21.67	240	10757	0.40	ng/ul	0.00
23) Perylene-d12	24.04	264	9038	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	1290	0.47	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.62	152	6654	0.39	ng/ul	0.00
18) Fluoranthene-d10	19.56	212	13213	0.40	ng/ul	0.00
Target Compounds					Ovalue	
2) 1,4-Dioxane	3.47	88	1478	0.502	ng/ul	100
5) Naphthalene	11.10	128	12170	0.418	ng/ul	100
7) 2-Methylnaphthalene	12.70	142	8106	0.404	ng/ul	100
8) 1-Methylnaphthalene	12.91	142	7738	0.408	ng/ul	100
10) Acenaphthylene	14.57	152	9824	0.375	ng/ul	100
11) Acenaphthene	14.91	153	8737	0.439	ng/ul	100
12) Fluorene	15.88	166	10013	0.426	ng/ul	100
14) Pentachlorophenol	17.21	266	1239	0.306	ng/ul	100
15) Phenanthrene	17.60	178	15904	0.444	ng/ul	100
16) Anthracene	17.69	178	13894	0.395	ng/ul	100
19) Fluoranthene	19.59	202	17425	0.414	ng/ul	100
20) Pyrene	19.95	202	17332	0.413	ng/ul	100
21) Benzo(a)anthracene	21.66	228	14966	0.380	ng/ul	100
22) Chrysene	21.71	228	16251	0.402	ng/ul	100
24) Benzo(b)fluoranthene	23.32	252	15500	0.427	ng/ul	100
25) Benzo(k)fluoranthene	23.37	252	14976	0.414	ng/ul	100
26) Benzo(a)pyrene	23.94	252	12771	0.388	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.48	276	14612	0.378	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.48	278	12107	0.376	ng/ul	100
29) Benzo(a,h,i)perylene	27.22	276	12654	0.389	ng/ul	100

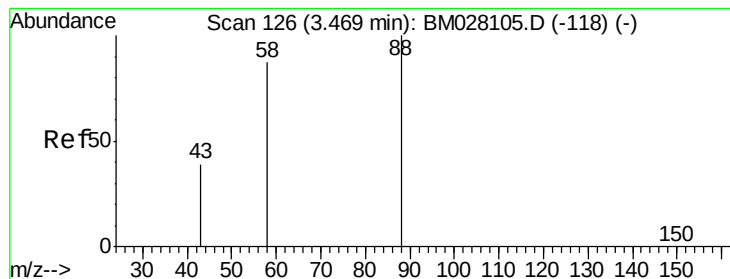
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121120\
Data File : BM028105.D
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Instrument :
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Quant Time: Dec 12 02:54:26 2020
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#2

1,4-Dioxane

Concen: 0.502 ng/ul

RT: 3.47 min Scan# 126

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.4061

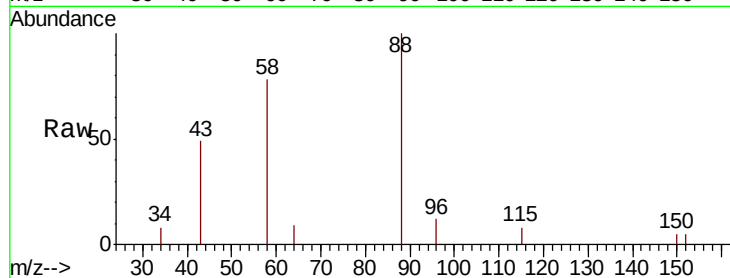
Tot Ion: 88 Resp: 1478

Ion Ratio Lower Upper

88 100

43 49.4 39.5 59.3

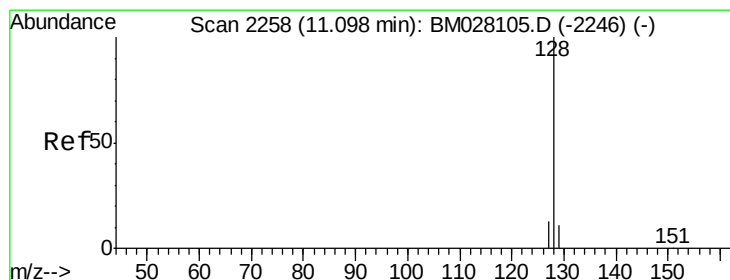
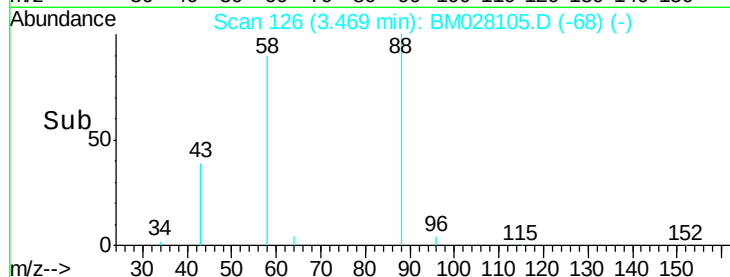
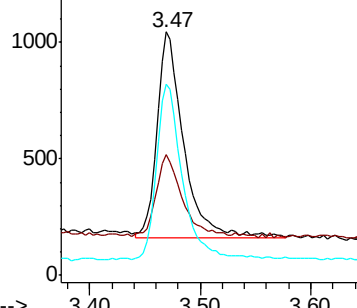
58 78.5 62.8 94.2



Abundance Ion 88.00 (87.70 to 88.70): BM028105.D (-118) (-)

Ion 43.00 (42.70 to 43.70): BM028105.D (-118) (-)

Ion 58.00 (57.70 to 58.70): BM028105.D (-118) (-)



#5

Naphthalene

Concen: 0.418 ng/ul

RT: 11.10 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

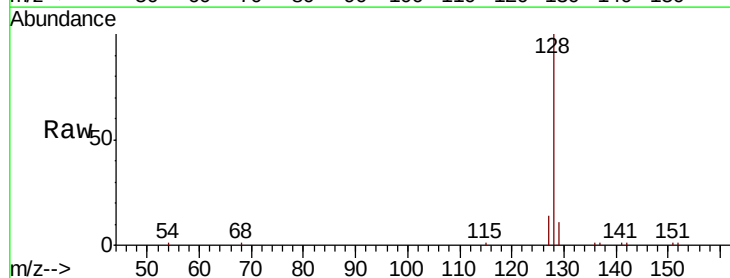
Tgt Ion: 128 Resp: 12170

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

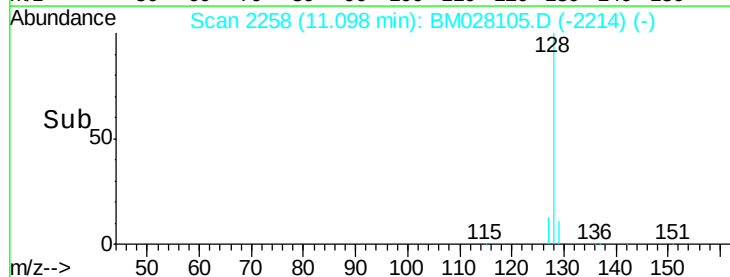
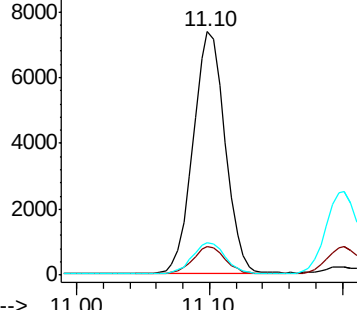
127 13.5 10.8 16.2

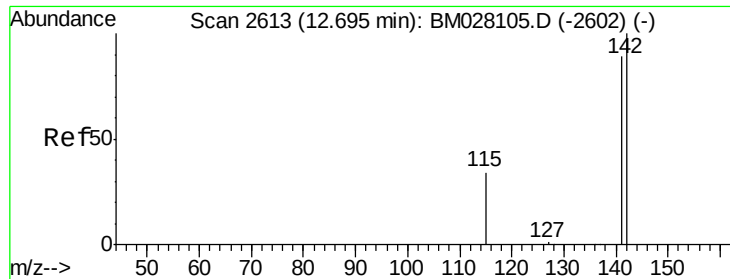


Abundance Ion 128.00 (127.70 to 128.70): BM028105.D (-2246) (-)

Ion 129.00 (128.70 to 129.70): BM028105.D (-2246) (-)

Ion 127.00 (126.70 to 127.70): BM028105.D (-2246) (-)





#7

2-Methylnaphthalene

Concen: 0.404 ng/ul

RT: 12.70 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

Instrument :

BNA_M

ClientSampleId :

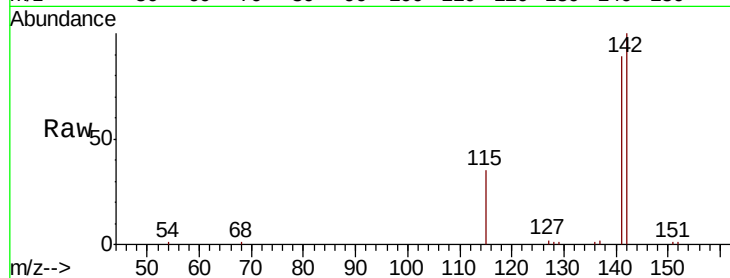
SSTD0.4061

Tot Ion:142 Resp: 8106

Ion Ratio Lower Upper

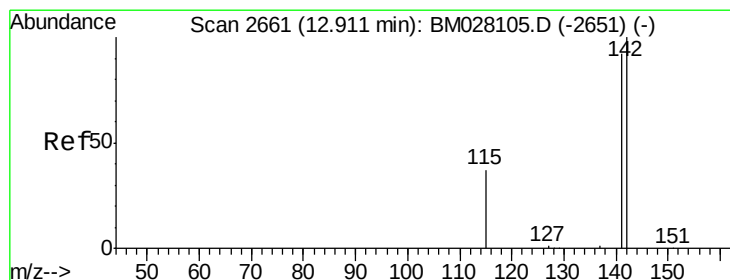
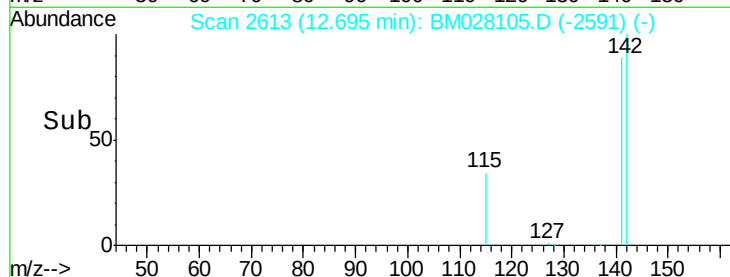
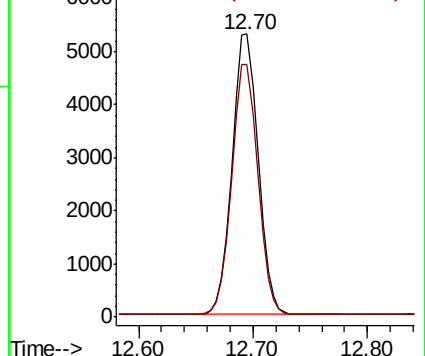
142 100

141 89.8 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 0.408 ng/ul

RT: 12.91 min Scan# 2661

Delta R.T. 0.00 min

Lab File: BM028105.D

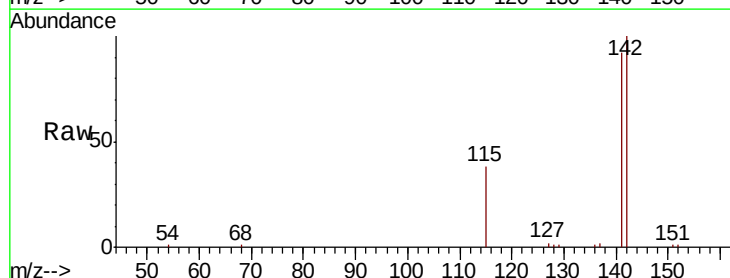
Acq: 11 Dec 2020 18:34

Tgt Ion:142 Resp: 7738

Ion Ratio Lower Upper

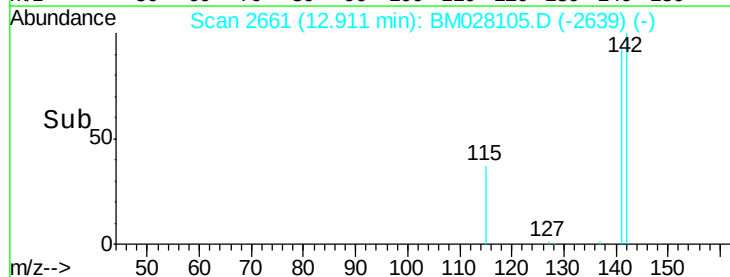
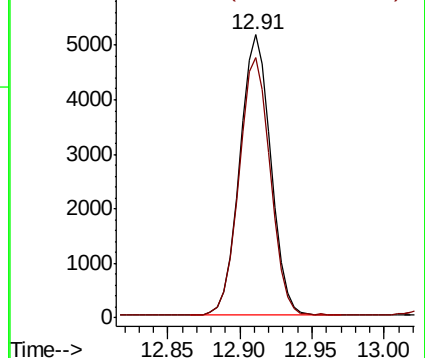
142 100

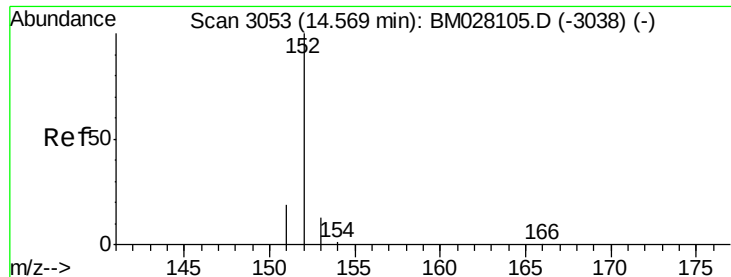
141 92.2 73.8 110.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.375 ng/ul

RT: 14.57 min Scan# 3053

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.4061

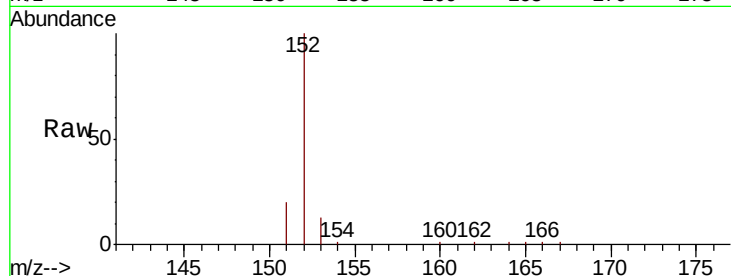
Tot Ion:152 Resp: 9824

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

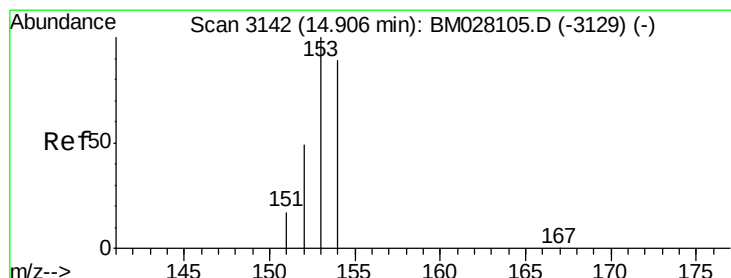
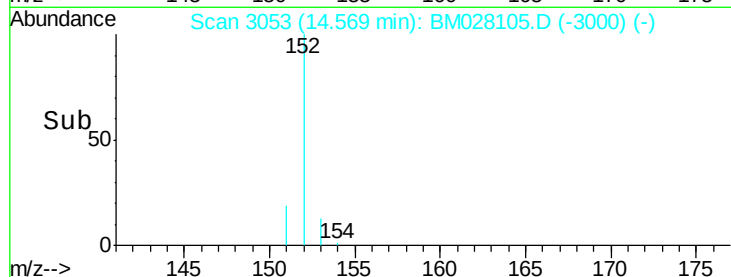
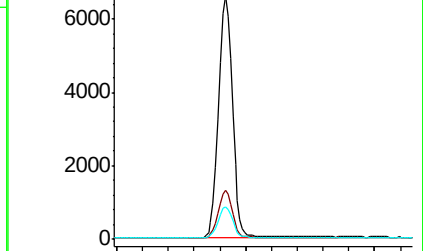
153 13.4 10.7 16.1



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: 0.439 ng/ul

RT: 14.91 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

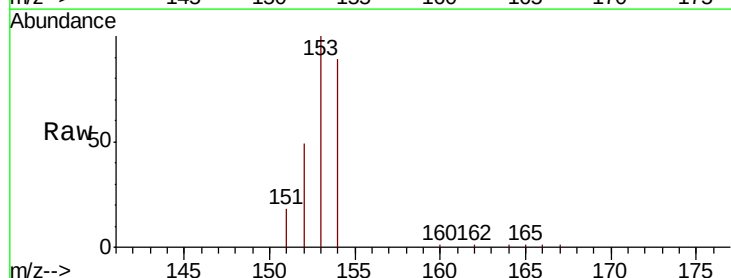
Tgt Ion:153 Resp: 8737

Ion Ratio Lower Upper

153 100

152 49.4 39.5 59.3

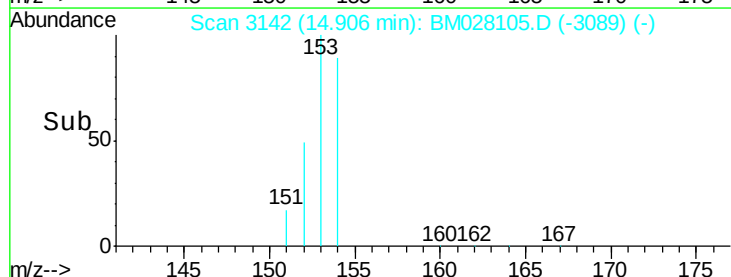
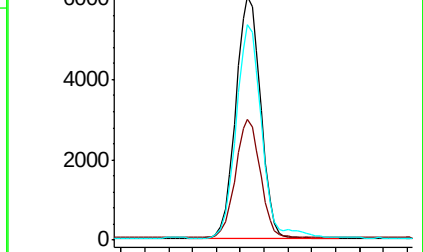
154 88.7 71.0 106.4

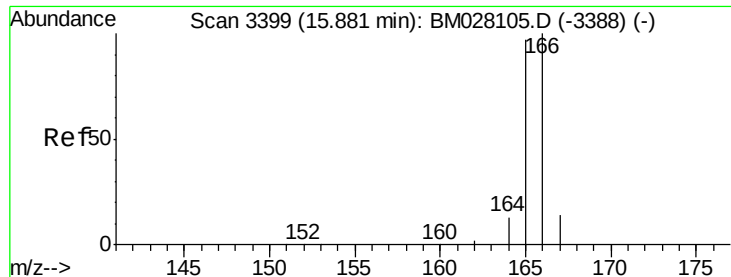


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Fluorene

Concen: 0.426 ng/ul

RT: 15.88 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.4061

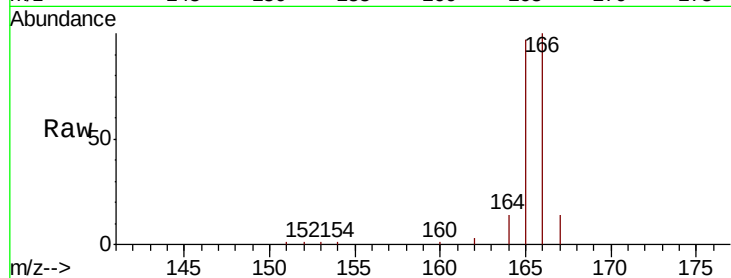
Tot Ion:166 Resp: 10013

Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

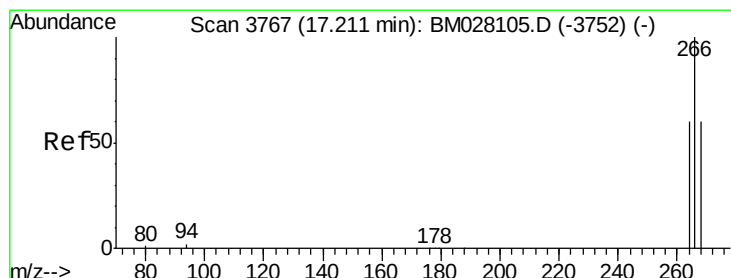
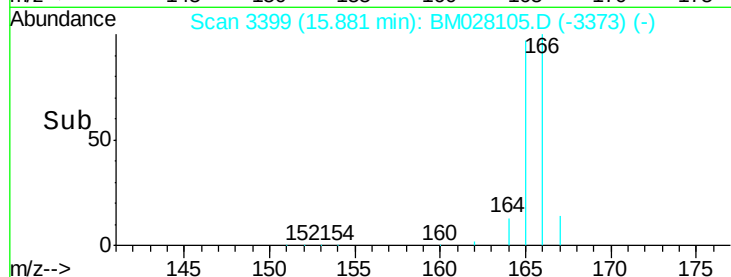
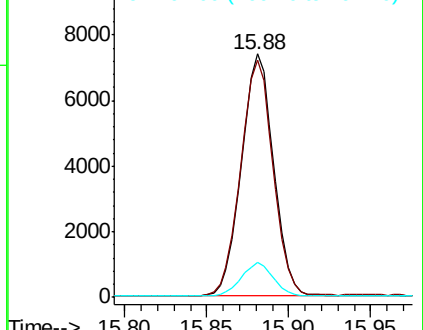
167 14.2 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#14

Pentachlorophenol

Concen: 0.306 ng/ul

RT: 17.21 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

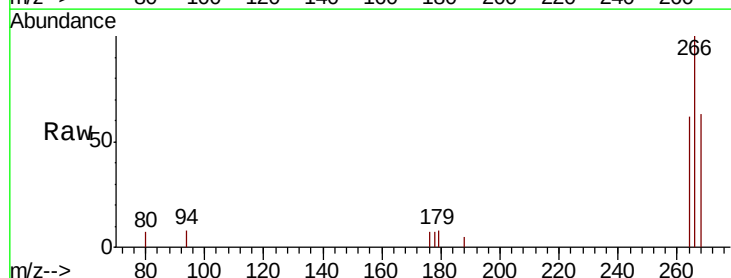
Tgt Ion:266 Resp: 1239

Ion Ratio Lower Upper

266 100

264 64.3 51.6 77.4

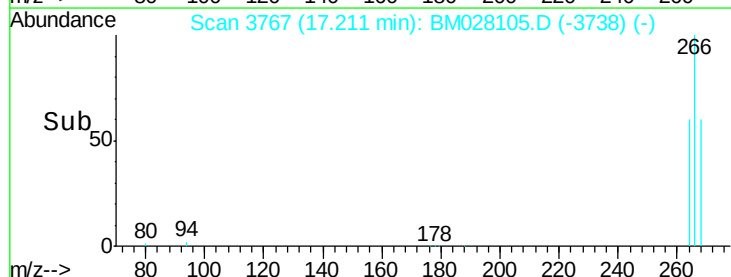
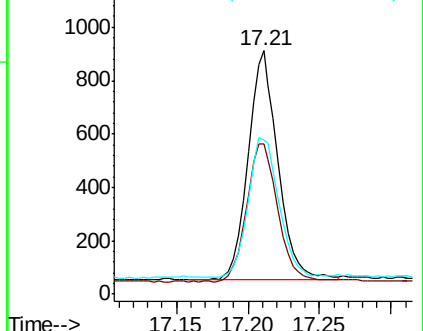
268 64.5 51.6 77.4

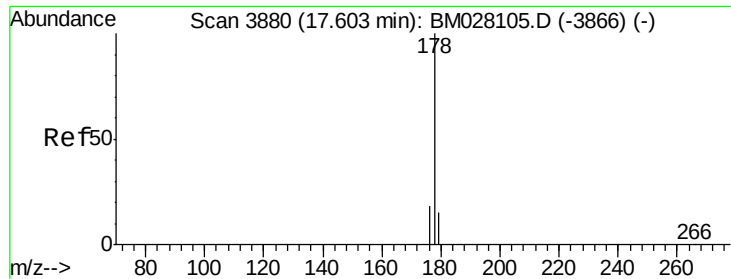


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#15

Phenanthrene

Concen: 0.444 ng/ul

RT: 17.60 min Scan# 3880

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

Instrument :

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SSTD0.4061

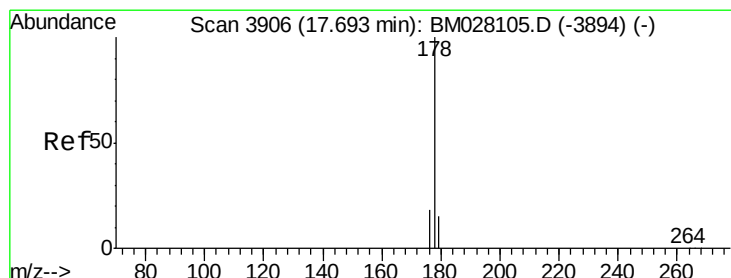
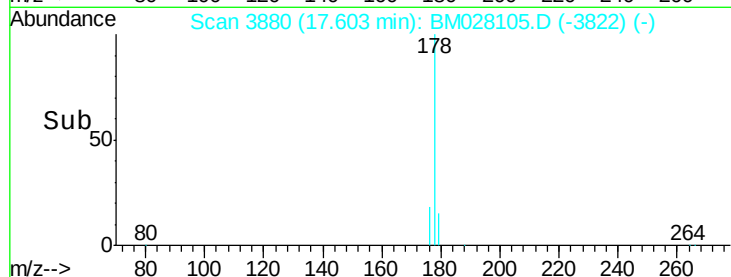
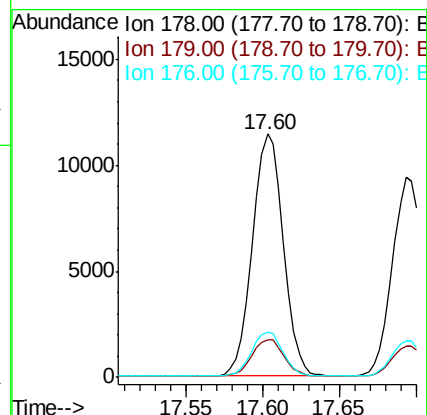
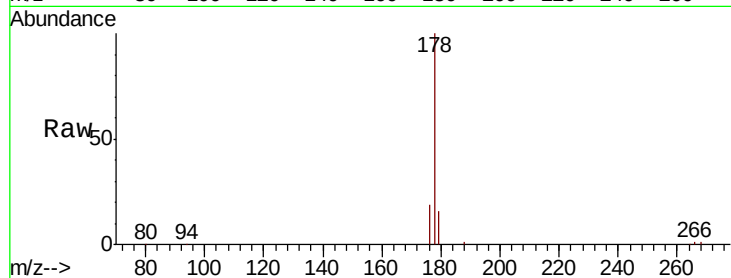
Tot Ion:178 Resp: 15904

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 18.6 14.9 22.3



#16

Anthracene

Concen: 0.395 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

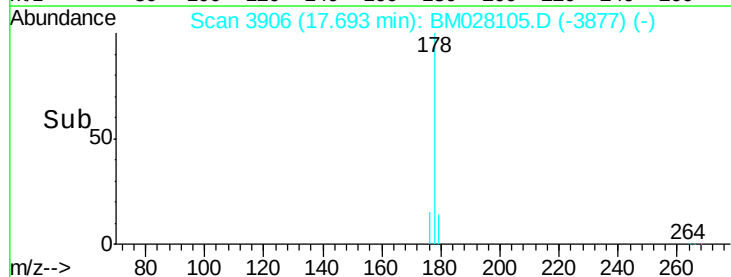
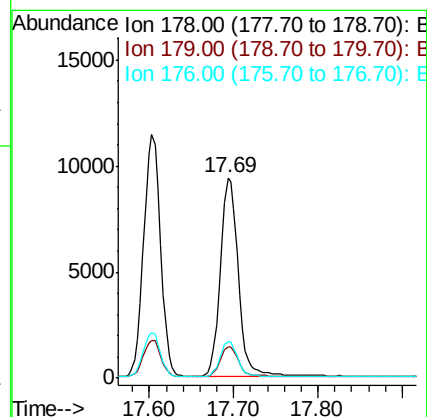
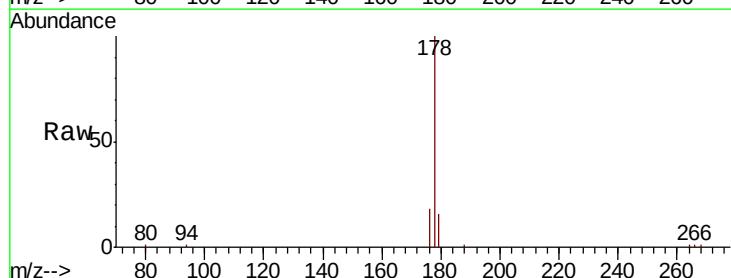
Tgt Ion:178 Resp: 13894

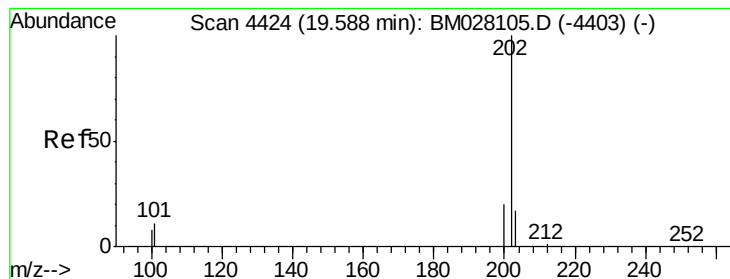
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.4 14.7 22.1





#19

Fluoranthene

Concen: 0.414 ng/ul

RT: 19.59 min Scan# 4424

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

Instrument :

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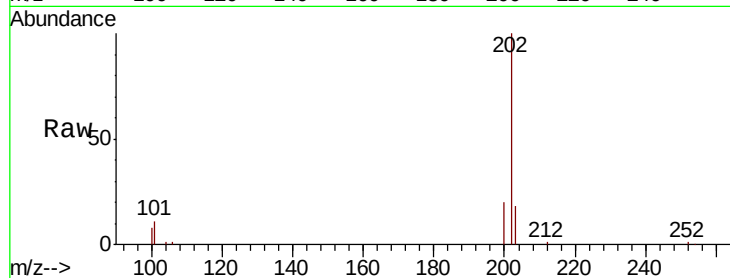
Tot Ion:202 Resp: 17425

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

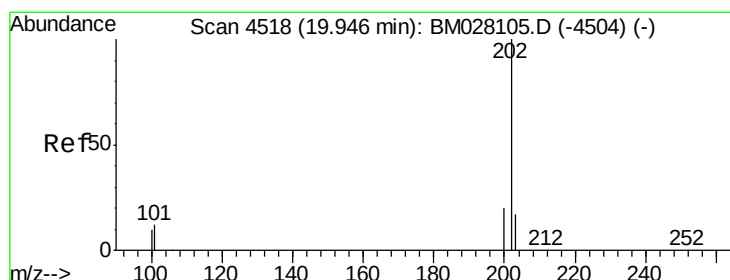
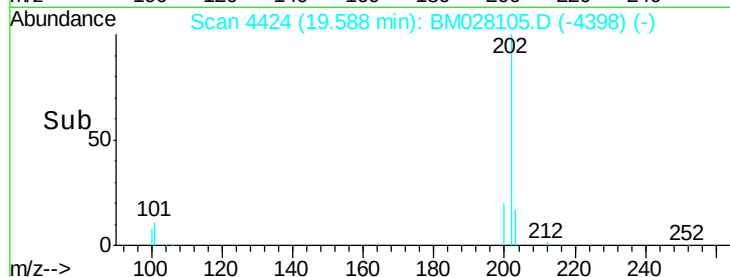
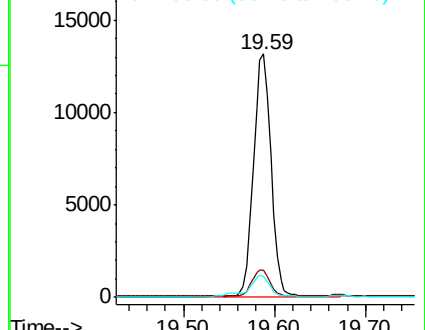
100 8.5 6.8 10.2



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: 0.413 ng/ul

RT: 19.95 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

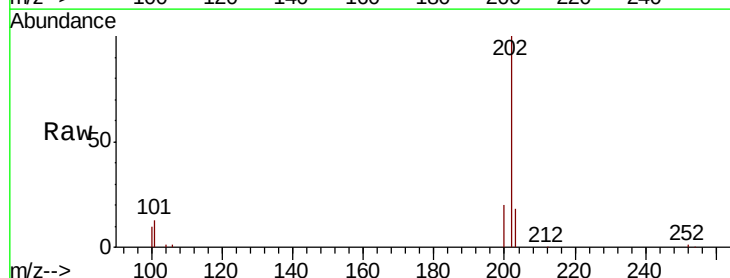
Tgt Ion:202 Resp: 17332

Ion Ratio Lower Upper

202 100

101 12.6 10.1 15.1

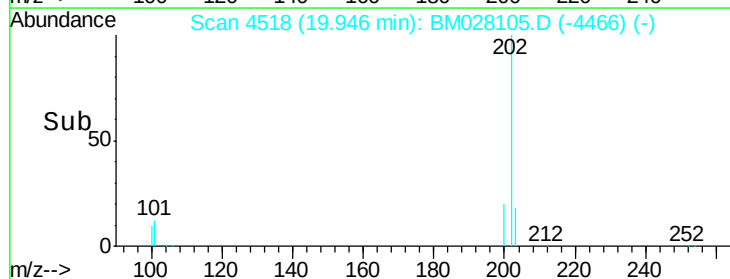
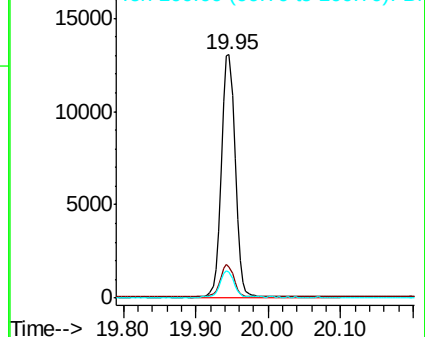
100 10.5 8.4 12.6

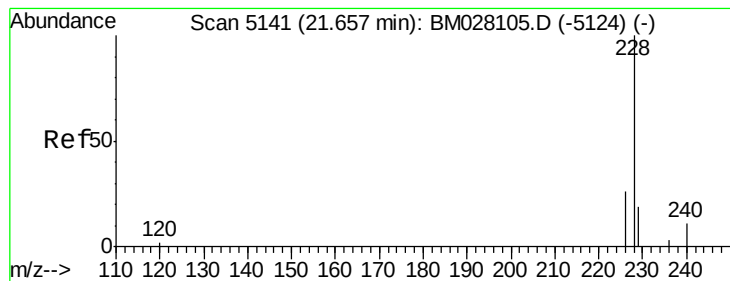


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.380 ng/ul

RT: 21.66 min Scan# 5141

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

Instrument :

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SSTD0.4061

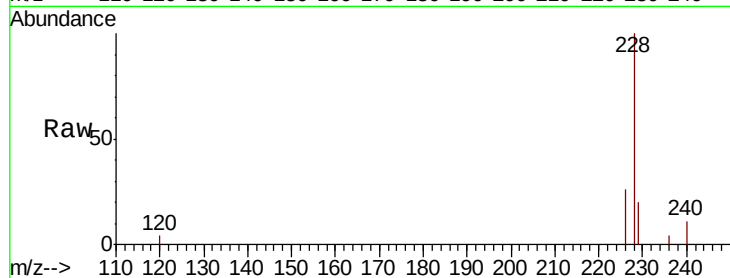
Tot Ion:228 Resp: 14966

Ion Ratio Lower Upper

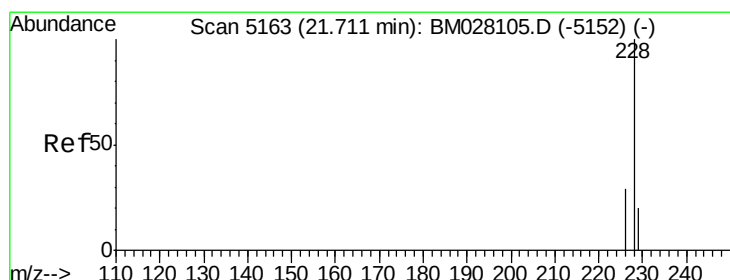
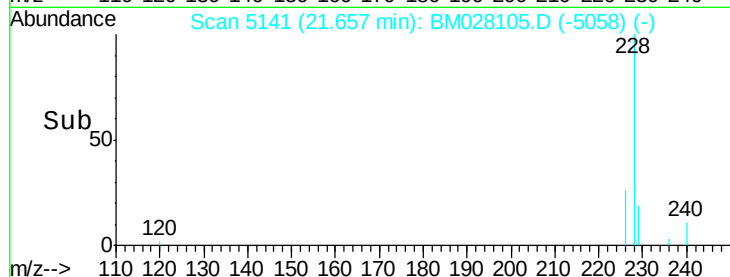
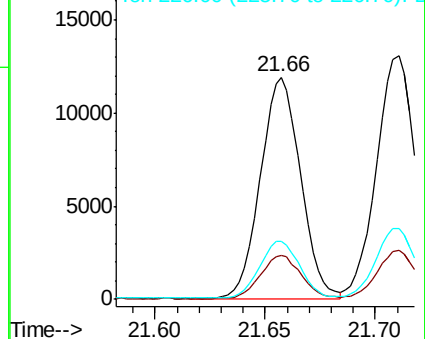
228 100

229 19.6 15.7 23.5

226 25.9 20.7 31.1



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: 0.402 ng/ul

RT: 21.71 min Scan# 5163

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

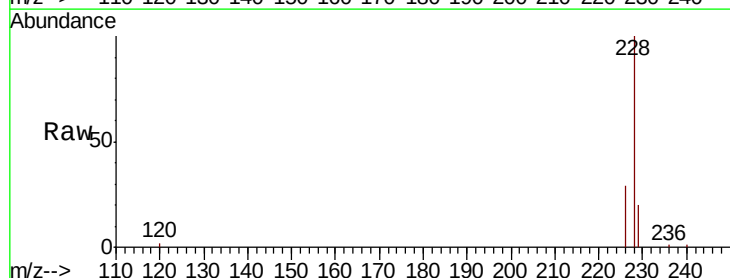
Tgt Ion:228 Resp: 16251

Ion Ratio Lower Upper

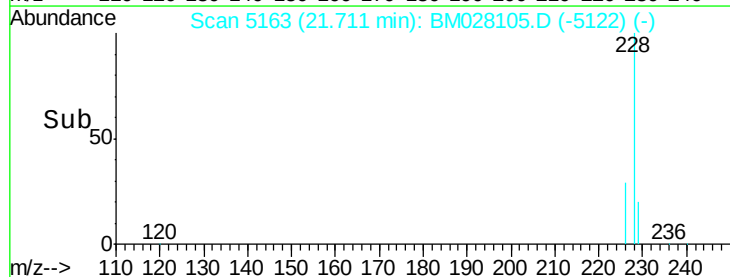
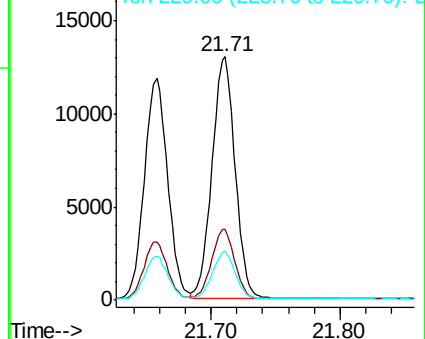
228 100

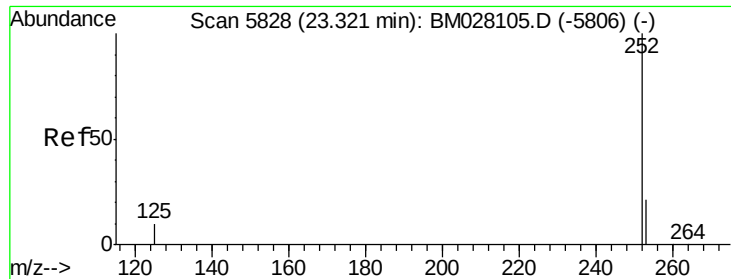
226 29.2 23.4 35.0

229 19.9 15.9 23.9



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: 0.427 ng/ul

RT: 23.32 min Scan# 5828

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.4061

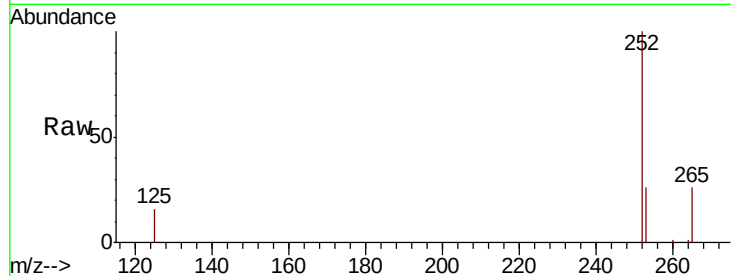
Tot Ion:252 Resp: 15500

Ion Ratio Lower Upper

252 100

253 25.7 0.0 51.4

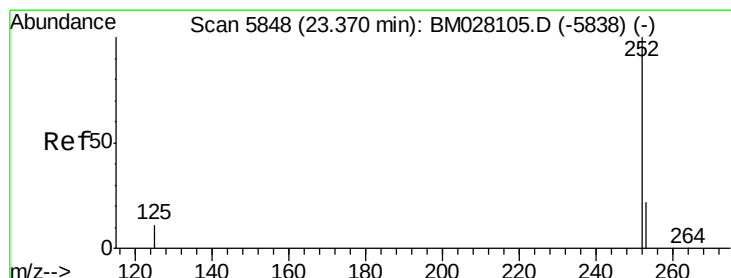
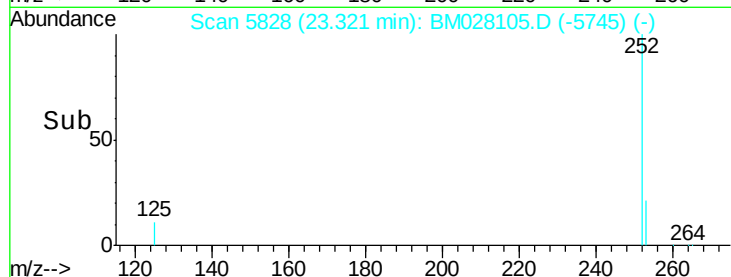
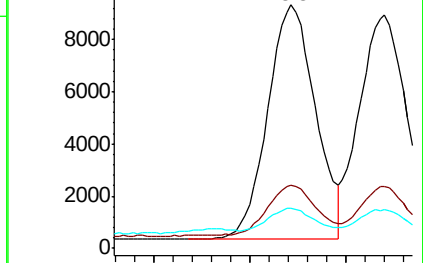
125 16.4 0.0 32.8



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: 0.414 ng/ul

RT: 23.37 min Scan# 5848

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

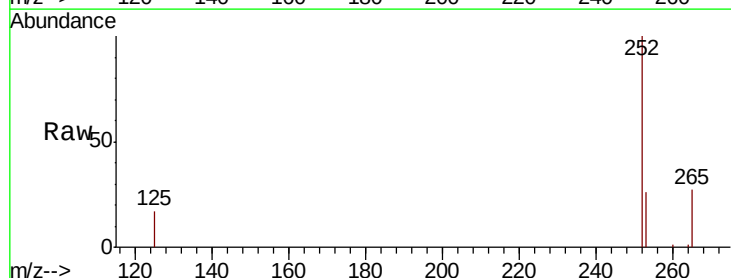
Tgt Ion:252 Resp: 14976

Ion Ratio Lower Upper

252 100

253 26.4 21.1 31.7

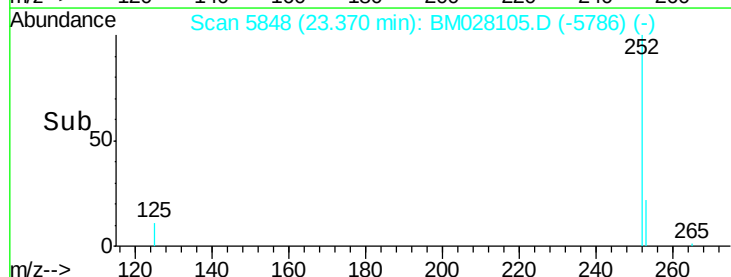
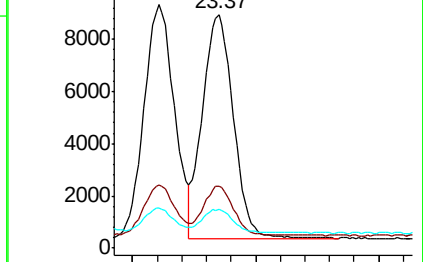
125 16.8 13.4 20.2

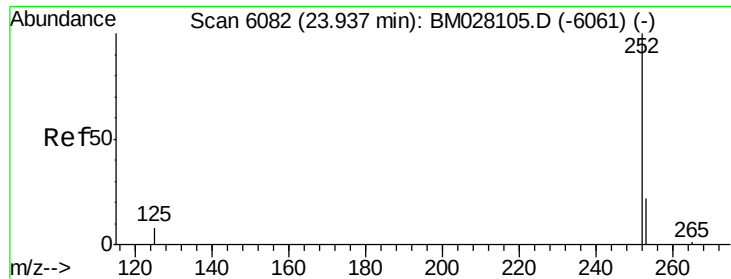


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

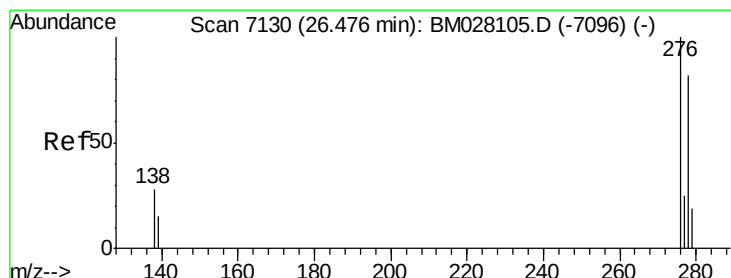
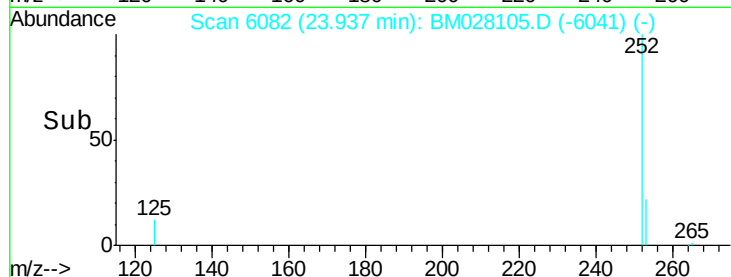
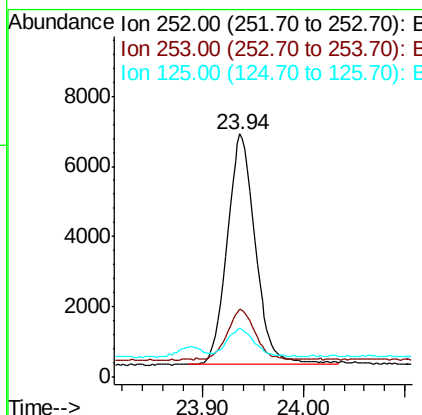
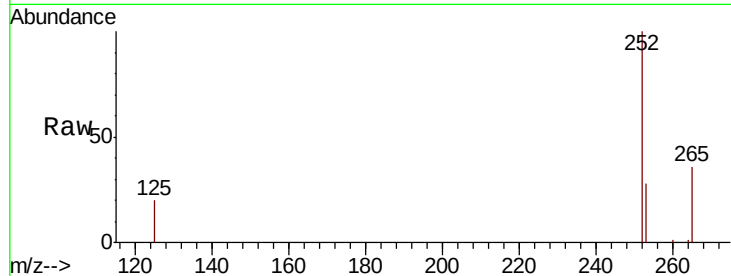




#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.94 min Scan# 6082
Delta R.T. 0.00 min
Lab File: BM028105.D
Acq: 11 Dec 2020 18:34

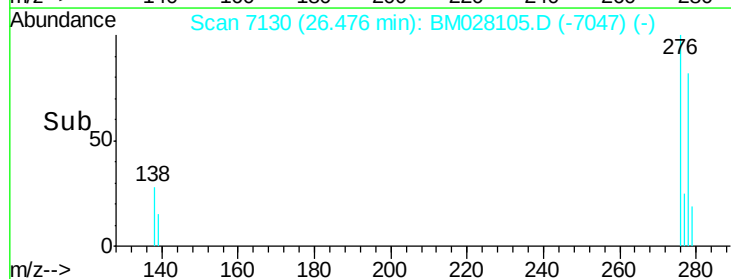
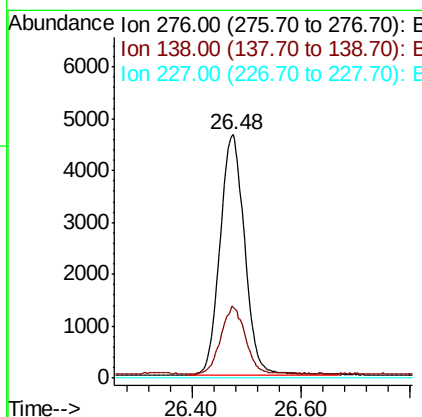
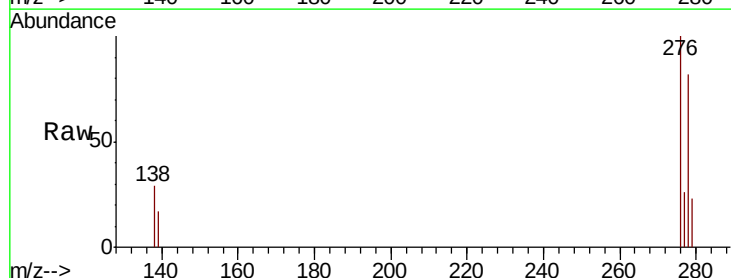
Instrument :
BNA_M
ClientSampleId :
SSTD0.4061

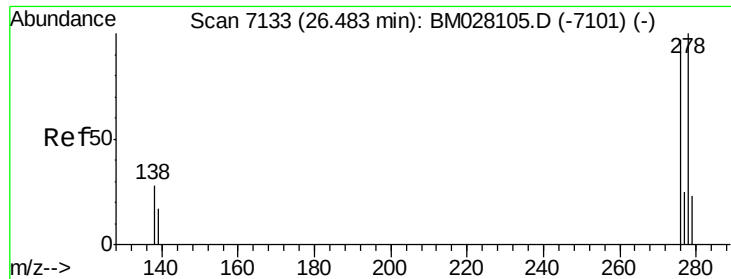
Tot Ion:252 Resp: 12771
Ion Ratio Lower Upper
252 100
253 27.9 22.3 33.5
125 20.1 16.1 24.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 26.48 min Scan# 7130
Delta R.T. 0.00 min
Lab File: BM028105.D
Acq: 11 Dec 2020 18:34

Tgt Ion:276 Resp: 14612
Ion Ratio Lower Upper
276 100
138 27.1 21.7 32.5
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.376 ng/ul

RT: 26.48 min Scan# 7133

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.4061

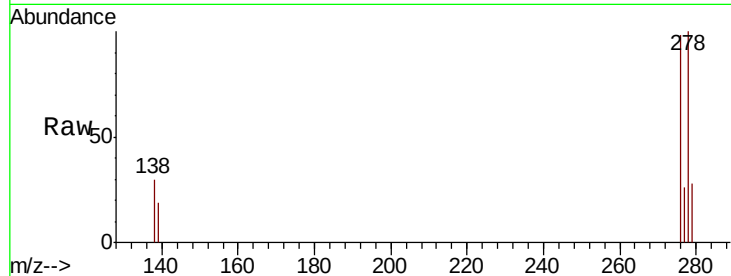
Tot Ion:278 Resp: 12107

Ion Ratio Lower Upper

278 100

139 19.0 15.2 22.8

279 27.8 22.2 33.4

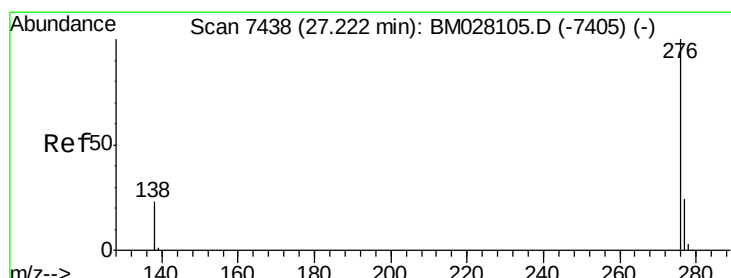
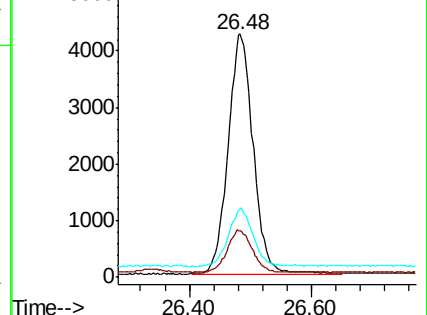
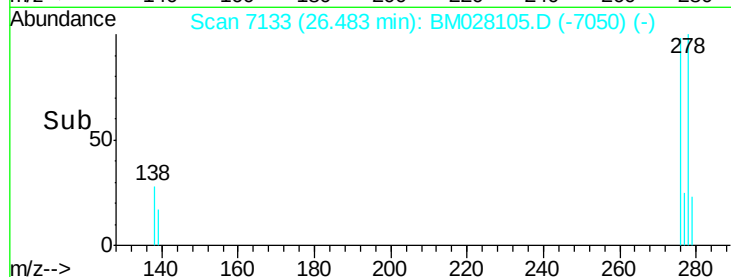


Abundance

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: 0.389 ng/ul

RT: 27.22 min Scan# 7438

Delta R.T. 0.00 min

Lab File: BM028105.D

Acq: 11 Dec 2020 18:34

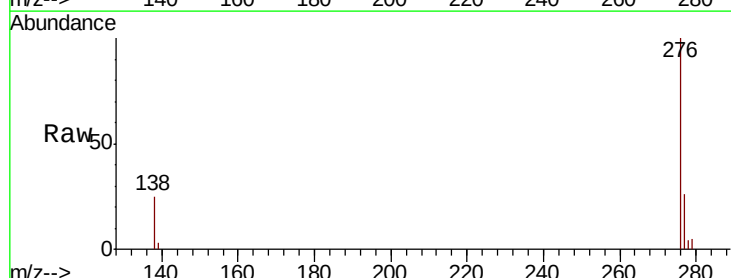
Tgt Ion:276 Resp: 12654

Ion Ratio Lower Upper

276 100

138 24.6 19.7 29.5

277 25.8 20.6 31.0



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

