

Data File : BM021785.D
Acq On : 03 Aug 2019 21:08
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV25

Quant Time: Aug 03 23:08:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 03 22:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	704	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	2848	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	1582	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	3589	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	3529	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	4142	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1790	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	4698	0.39	ng/ul	0.00

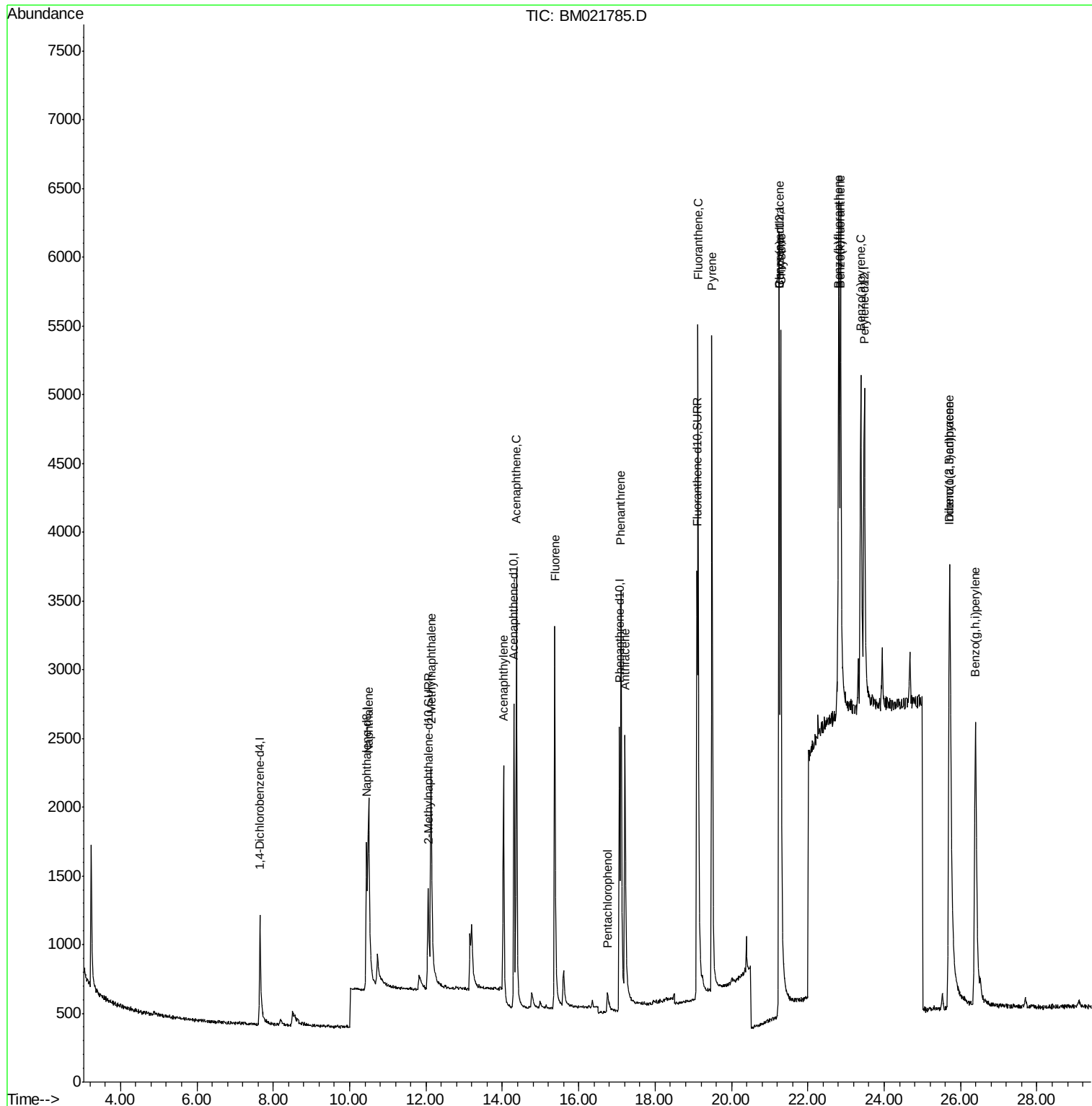
Target Compounds				Qvalue		
3) Naphthalene	10.50	128	3130	0.389	ng/ul	99
5) 2-Methylnaphthalene	12.13	142	2064	0.385	ng/ul	100
7) Acenaphthylene	14.03	152	2909	0.394	ng/ul	99
8) Acenaphthene	14.37	153	2375	0.393	ng/ul	97
9) Fluorene	15.37	166	2584	0.385	ng/ul	99
11) Pentachlorophenol	16.75	266	223	0.337	ng/ul	96
12) Phenanthrene	17.11	178	4111	0.394	ng/ul	99
13) Anthracene	17.21	178	3329	0.374	ng/ul	98
15) Fluoranthene	19.12	202	5402	0.386	ng/ul	98
17) Pyrene	19.49	202	5832	0.402	ng/ul	98
18) Benzo(a)anthracene	21.24	228	4708	0.373	ng/ul	99
19) Chrysene	21.29	228	6529	0.402	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	5426	0.388	ng/ul	99
22) Benzo(k)fluoranthene	22.85	252	6290	0.398	ng/ul	99
23) Benzo(a)pyrene	23.39	252	5542	0.390	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.70	276	6610	0.390	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.73	278	5242	0.382	ng/ul	97
26) Benzo(g,h,i)perylene	26.38	276	6057	0.397	ng/ul	97

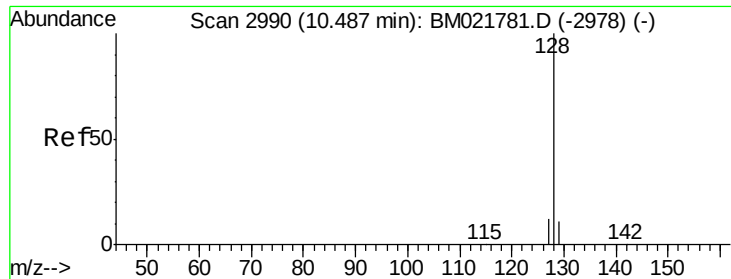
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.50 min Scan# 2992

Delta R.T. 0.01 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

Instrument :

BNA_M

ClientSampleId :

SICV25

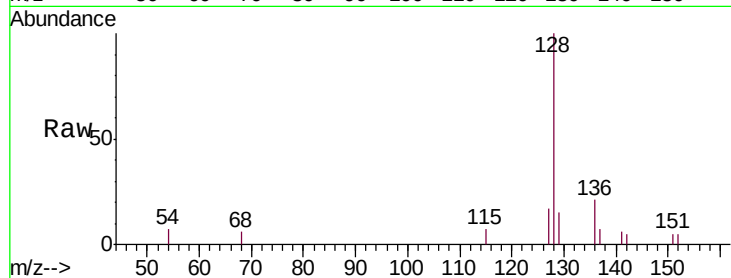
Tgt Ion:128 Resp: 3130

Ion Ratio Lower Upper

128 100

129 15.5 12.3 18.5

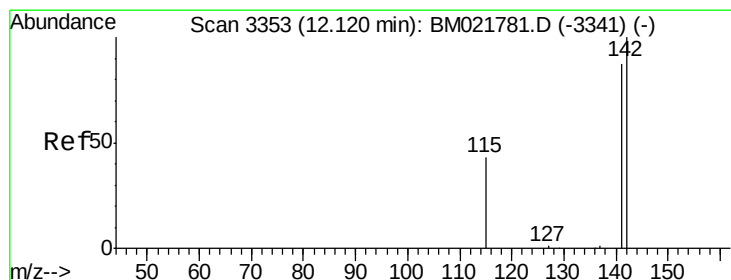
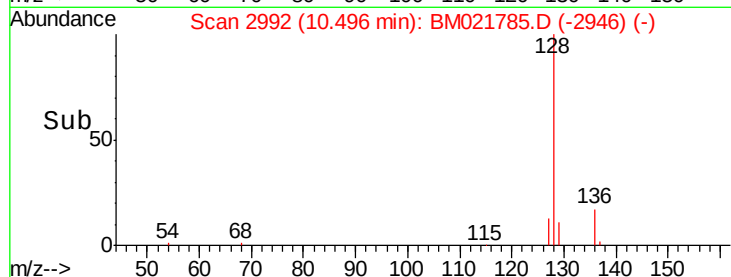
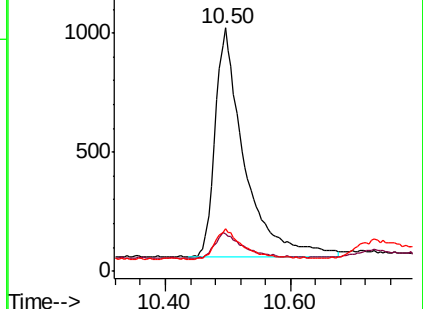
127 17.4 13.0 19.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.385 ng/ul

RT: 12.13 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BM021785.D

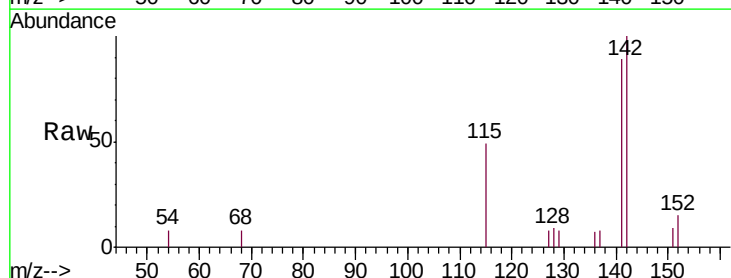
Acq: 03 Aug 2019 21:08

Tgt Ion:142 Resp: 2064

Ion Ratio Lower Upper

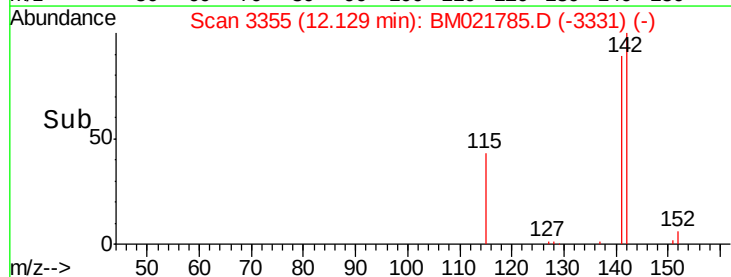
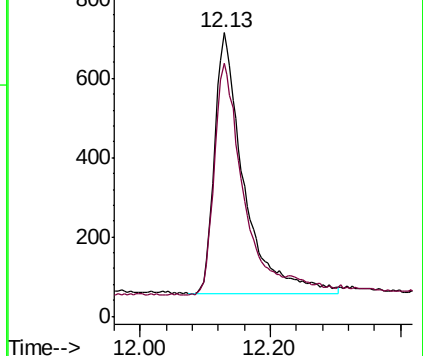
142 100

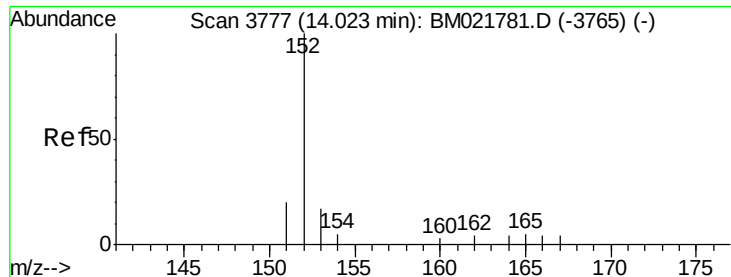
141 92.7 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.394 ng/ul

RT: 14.03 min Scan# 3778

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

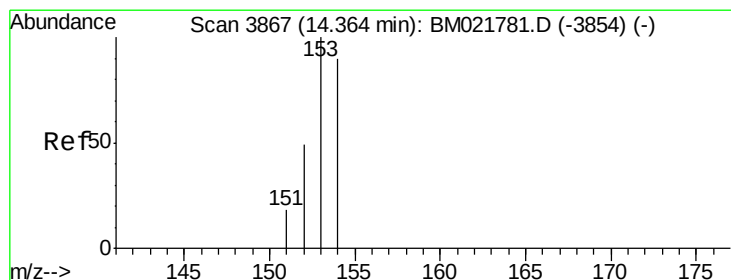
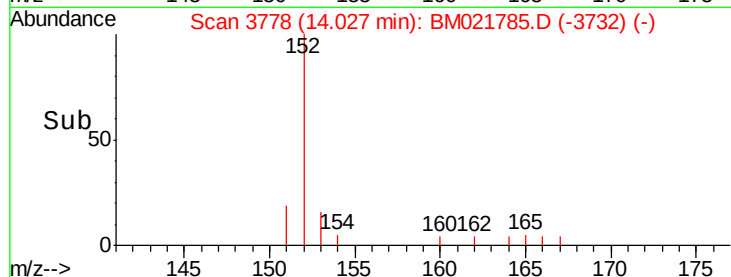
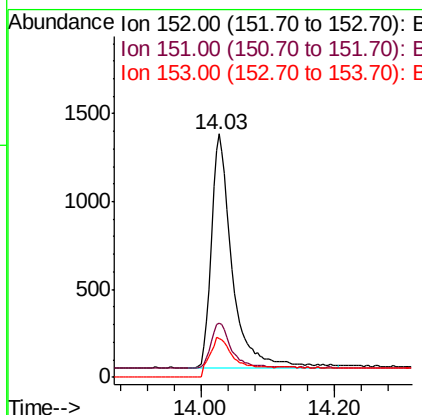
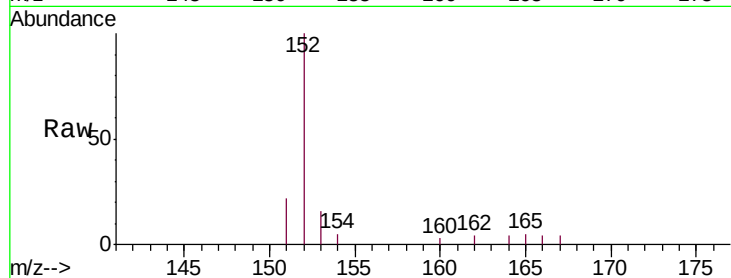
Instrument :

BNA_M

ClientSampleId :

SICV25

Tgt Ion:	152	Resp:	2909
Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.3	27.5
153	15.8	12.8	19.2



#8

Acenaphthene

Concen: 0.393 ng/ul

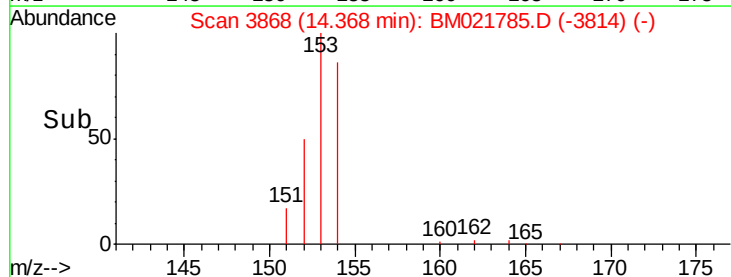
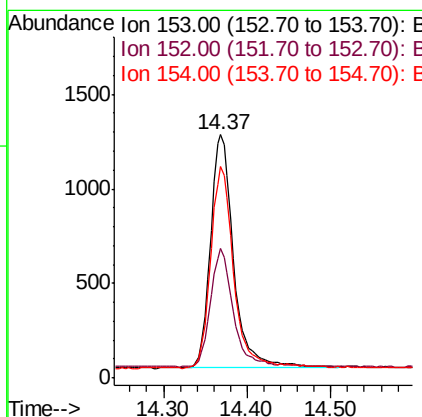
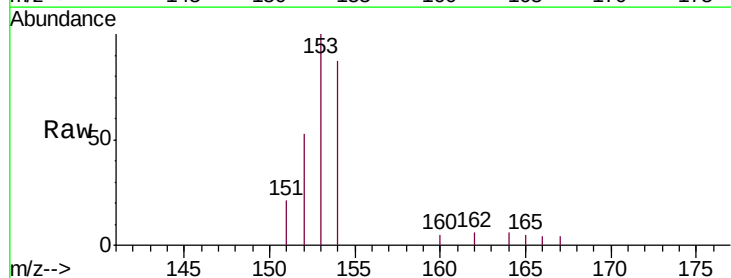
RT: 14.37 min Scan# 3868

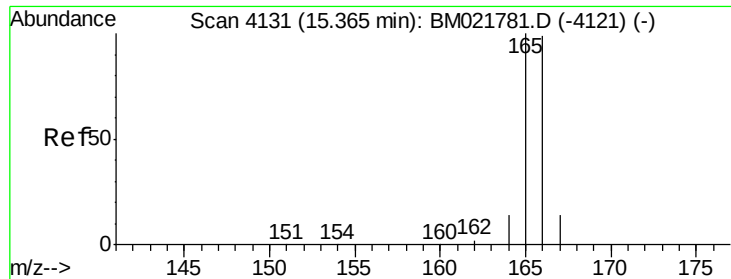
Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

Tgt Ion:	153	Resp:	2375
Ion	Ratio	Lower	Upper
153	100		
152	53.3	41.3	61.9
154	86.7	72.3	108.5

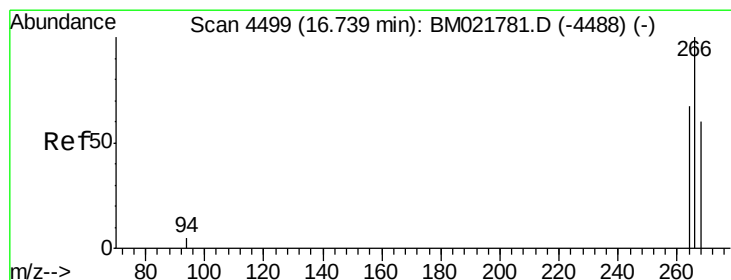
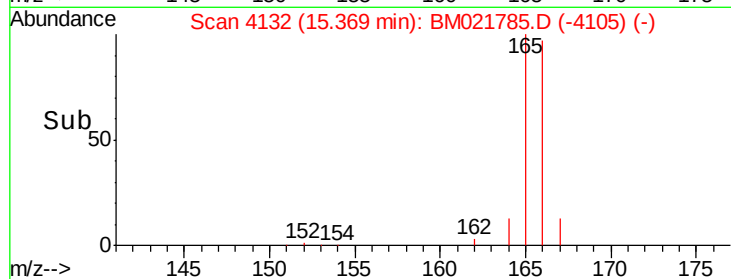
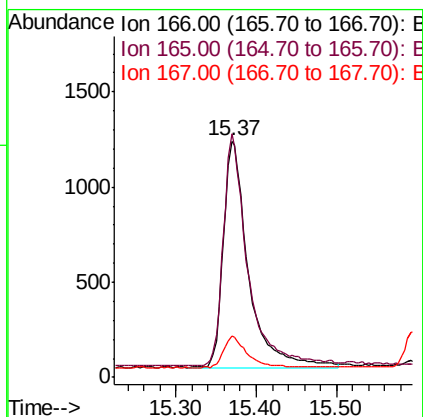
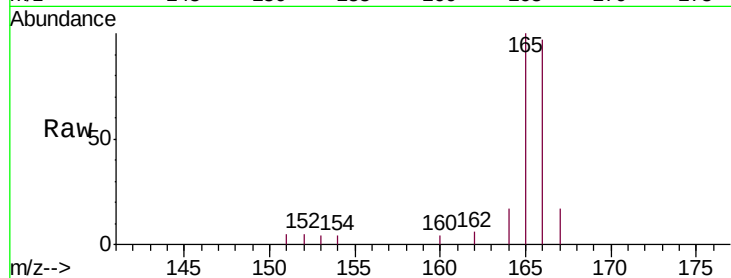




#9
Fluorene
 Concen: 0.385 ng/ul
 RT: 15.37 min Scan# 4132
 Delta R.T. 0.00 min
 Lab File: BM021785.D
 Acq: 03 Aug 2019 21:08

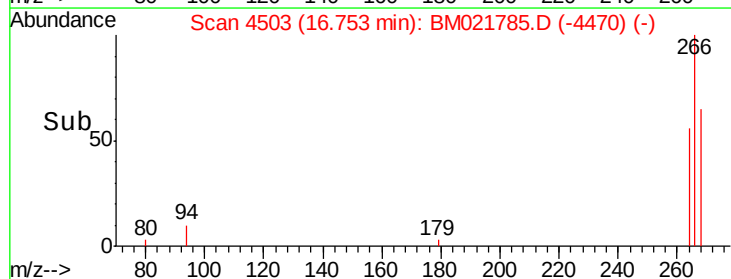
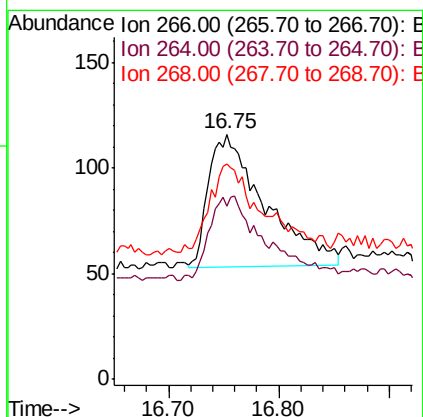
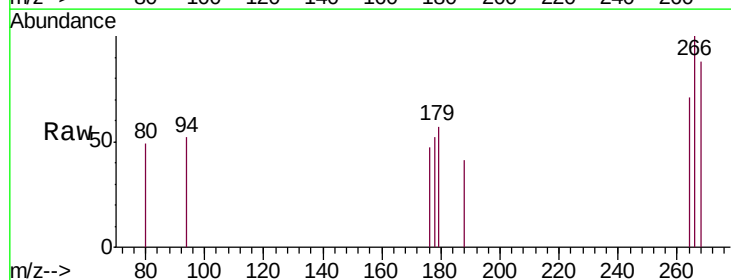
Instrument :
 BNA_M
 ClientSampleId :
 SICV25

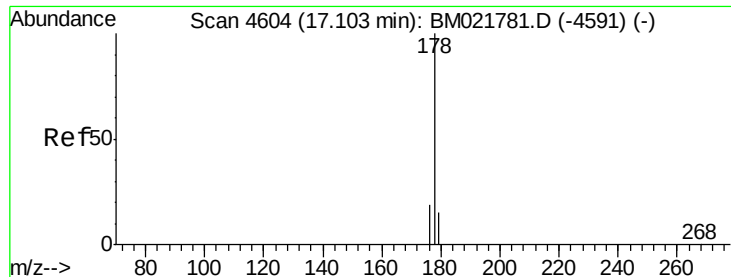
Tgt Ion:166 Resp: 2584
 Ion Ratio Lower Upper
 166 100
 165 103.1 81.4 122.0
 167 17.3 13.7 20.5



#11
Pentachlorophenol
 Concen: 0.337 ng/ul
 RT: 16.75 min Scan# 4503
 Delta R.T. 0.01 min
 Lab File: BM021785.D
 Acq: 03 Aug 2019 21:08

Tgt Ion:266 Resp: 223
 Ion Ratio Lower Upper
 266 100
 264 67.3 54.2 81.2
 268 65.5 57.6 86.4





#12

Phenanthrene

Concen: 0.394 ng/ul

RT: 17.11 min Scan# 4605

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

Instrument :

BNA_M

ClientSampleId :

SICV25

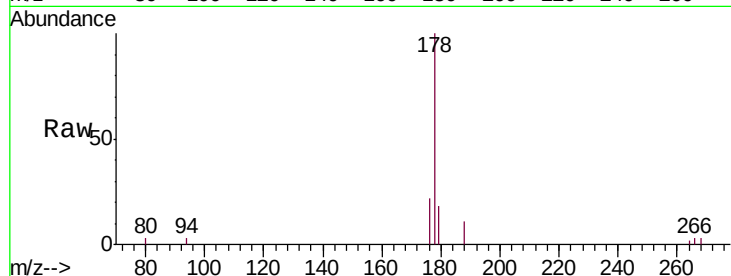
Tgt Ion:178 Resp: 4111

Ion Ratio Lower Upper

178 100

179 18.2 14.2 21.2

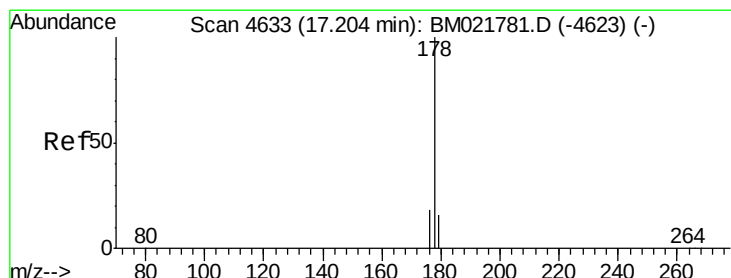
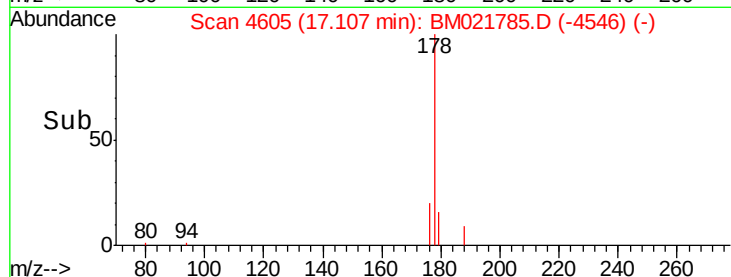
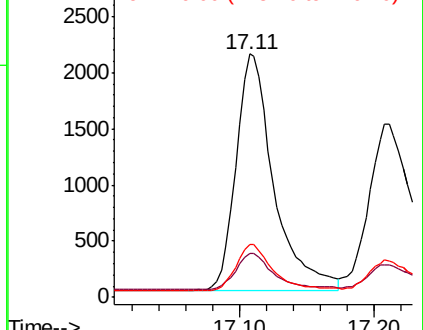
176 21.7 16.8 25.2



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



#13

Anthracene

Concen: 0.374 ng/ul

RT: 17.21 min Scan# 4634

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

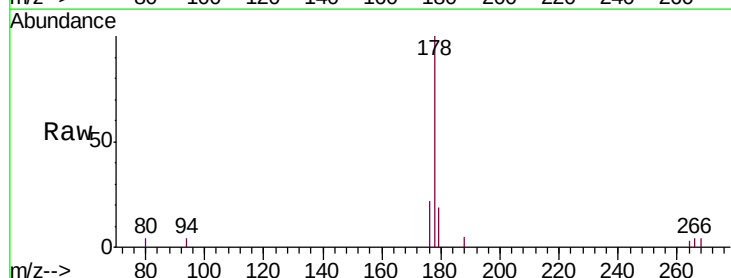
Tgt Ion:178 Resp: 3329

Ion Ratio Lower Upper

178 100

179 18.6 15.5 23.3

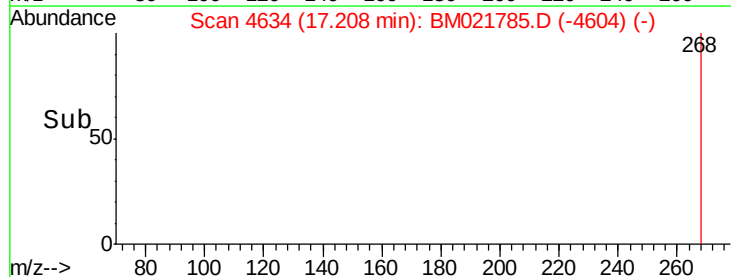
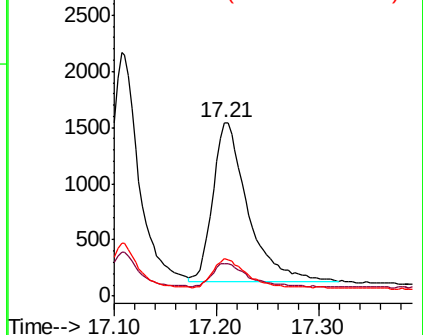
176 21.6 16.6 25.0

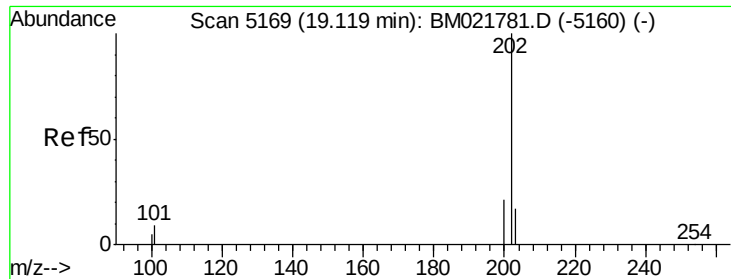


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.386 ng/ul

RT: 19.12 min Scan# 5170

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

Instrument :

BNA_M

ClientSampleId :

SICV25

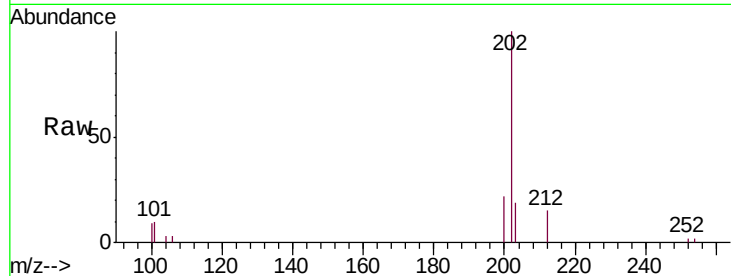
Tgt Ion:202 Resp: 5402

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.2

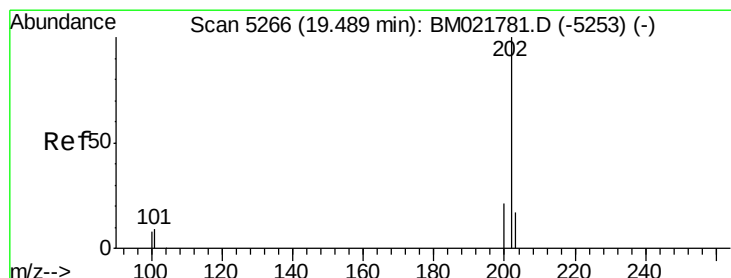
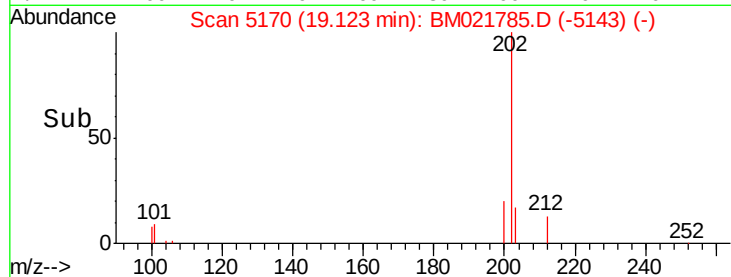
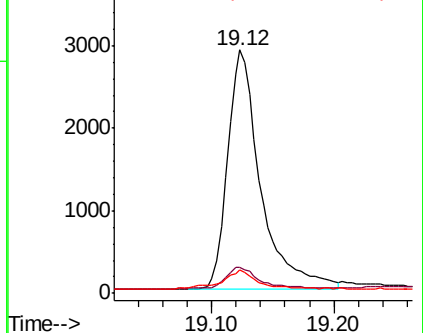
100 9.5 0.0 28.1



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



#17

Pyrene

Concen: 0.402 ng/ul

RT: 19.49 min Scan# 5267

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

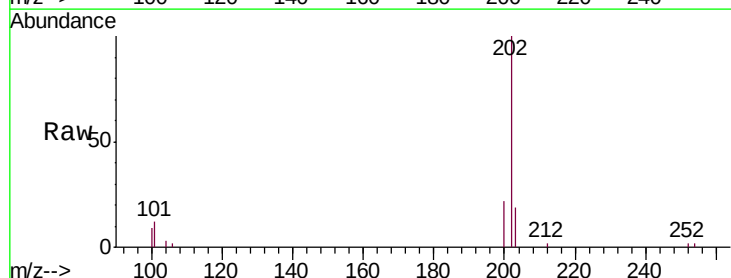
Tgt Ion:202 Resp: 5832

Ion Ratio Lower Upper

202 100

101 11.7 8.3 12.5

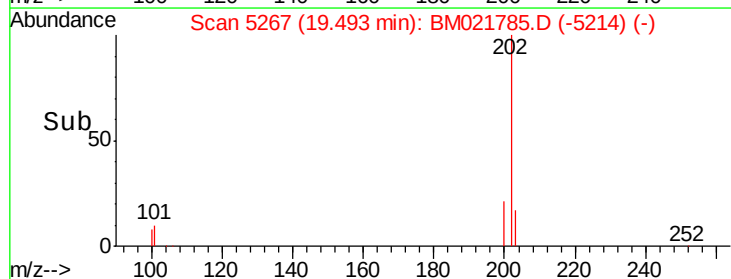
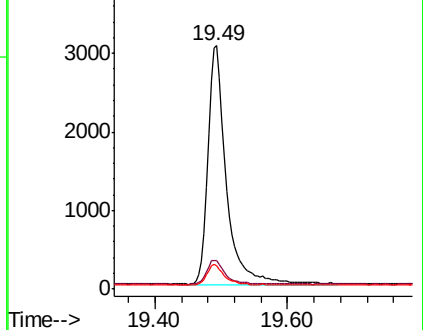
100 9.4 7.2 10.8

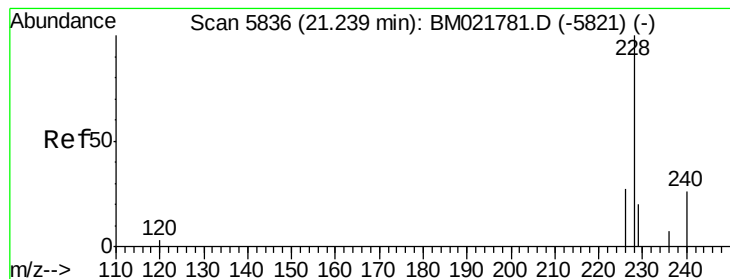


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.373 ng/ul

RT: 21.24 min Scan# 5838

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

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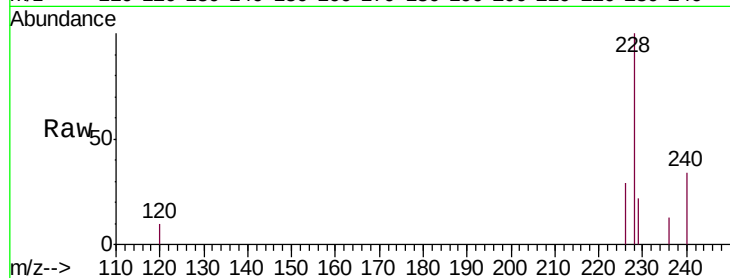
Tgt Ion:228 Resp: 4708

Ion Ratio Lower Upper

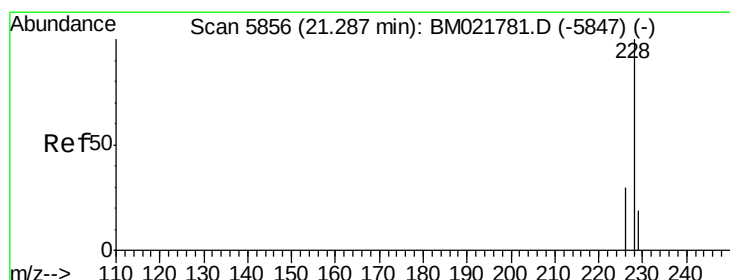
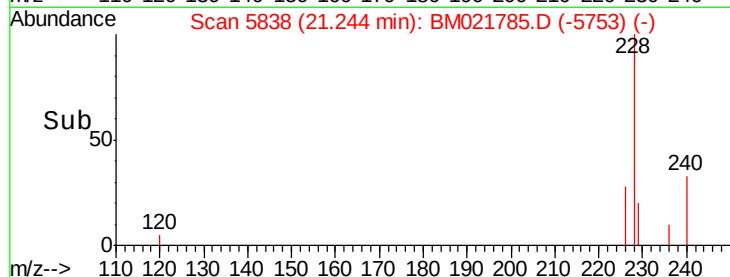
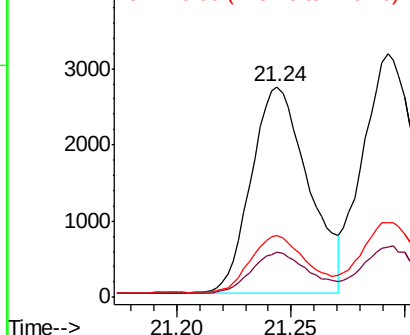
228 100

229 21.5 17.2 25.8

226 29.3 22.6 34.0



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



#19

Chrysene

Concen: 0.402 ng/ul

RT: 21.29 min Scan# 5858

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

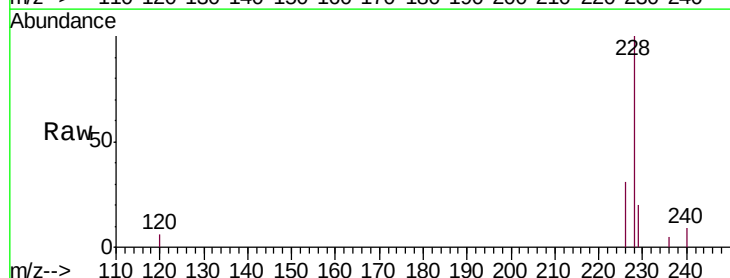
Tgt Ion:228 Resp: 6529

Ion Ratio Lower Upper

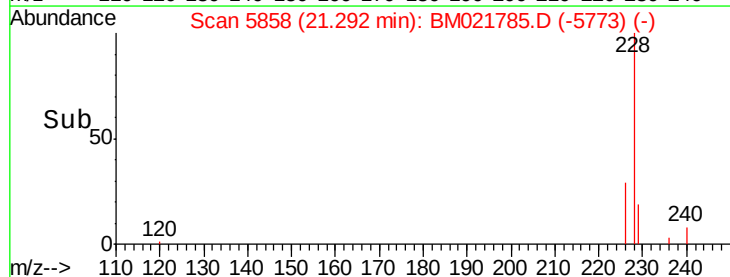
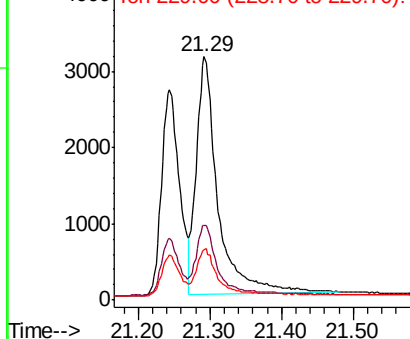
228 100

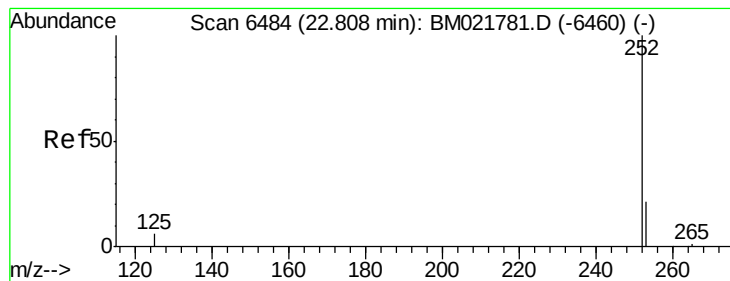
226 30.7 24.9 37.3

229 20.4 16.6 25.0



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





#21

Benzo(b)fluoranthene

Concen: 0.388 ng/ul

RT: 22.81 min Scan# 6484

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

Instrument :

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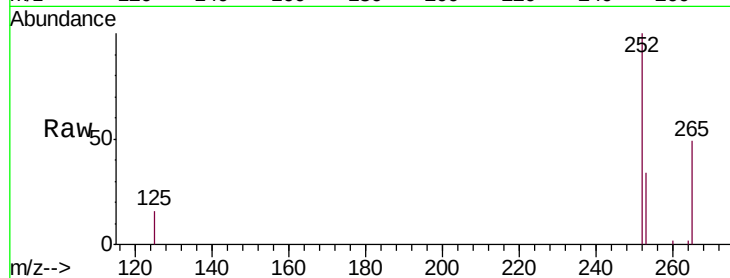
Tgt Ion:252 Resp: 5426

Ion Ratio Lower Upper

252 100

253 34.0 0.0 67.4

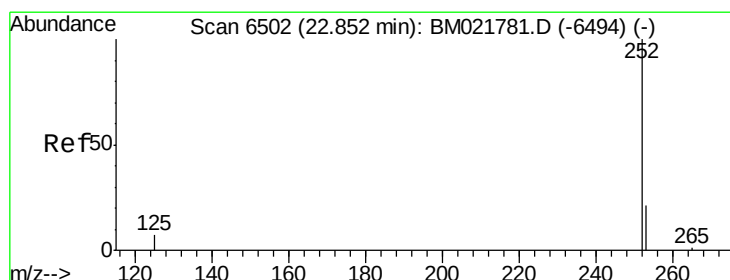
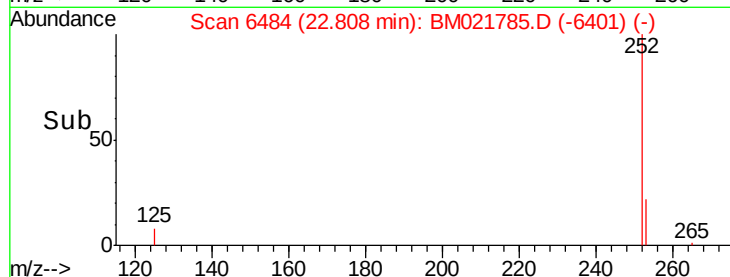
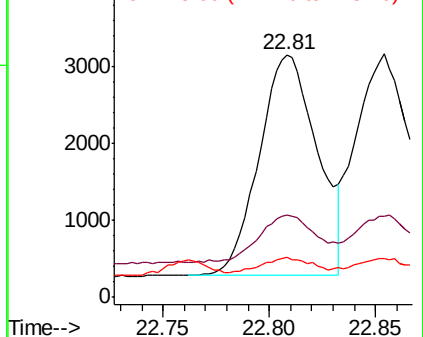
125 16.4 0.0 31.0



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



#22

Benzo(k)fluoranthene

Concen: 0.398 ng/ul

RT: 22.85 min Scan# 6503

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

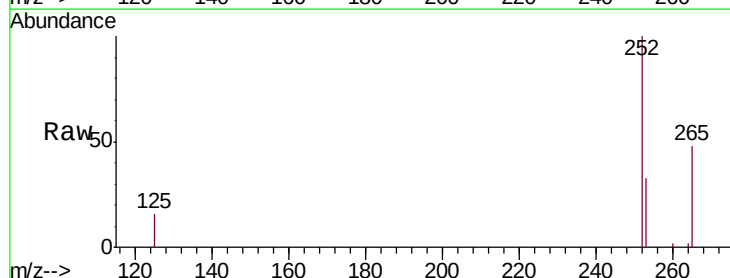
Tgt Ion:252 Resp: 6290

Ion Ratio Lower Upper

252 100

253 33.3 27.0 40.4

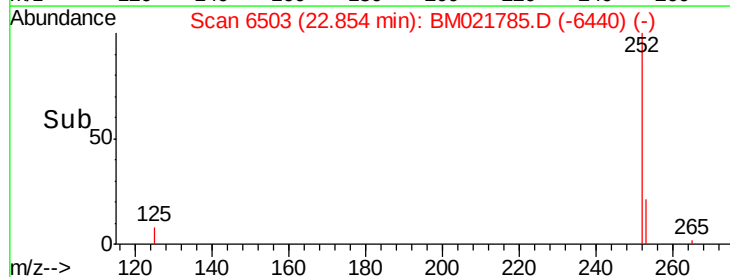
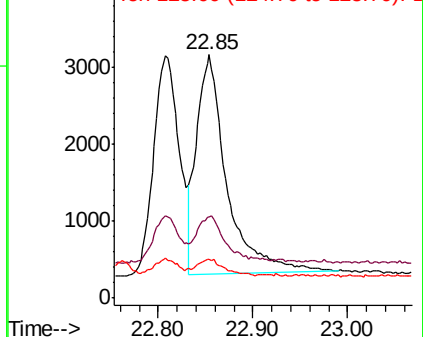
125 16.2 12.2 18.2

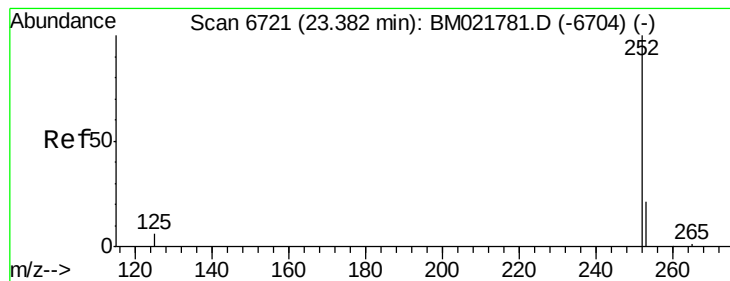


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.390 ng/ul

RT: 23.39 min Scan# 6723

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

Instrument :

BNA_M

ClientSampleId :

SICV25

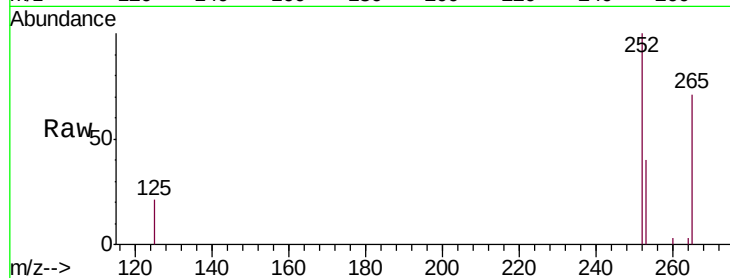
Tgt Ion:252 Resp: 5542

Ion Ratio Lower Upper

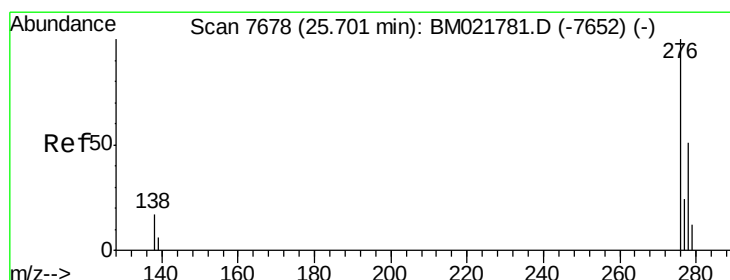
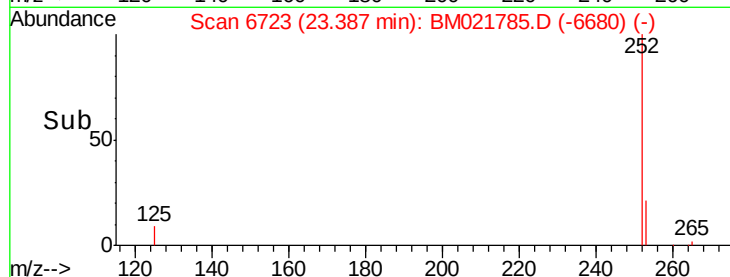
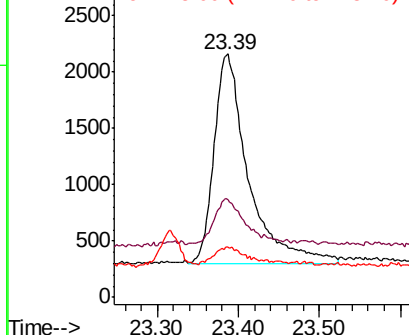
252 100

253 40.1 31.7 47.5

125 20.8 14.6 21.8



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.390 ng/ul

RT: 25.70 min Scan# 7678

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

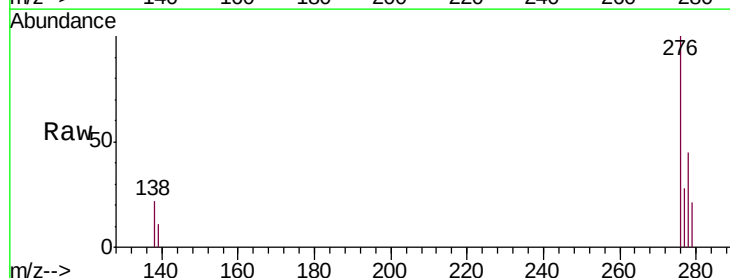
Tgt Ion:276 Resp: 6610

Ion Ratio Lower Upper

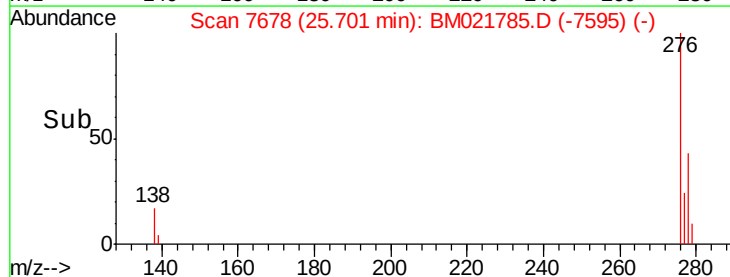
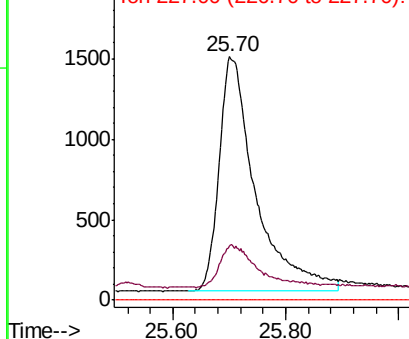
276 100

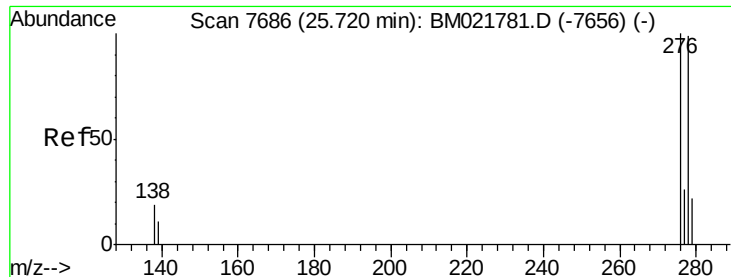
138 19.3 15.1 22.7

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





#25

Dibenzo(a,h)anthracene

Concen: 0.382 ng/ul

RT: 25.73 min Scan# 7688

Delta R.T. 0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

Instrument :

BNA_M

ClientSampleId :

SICV25

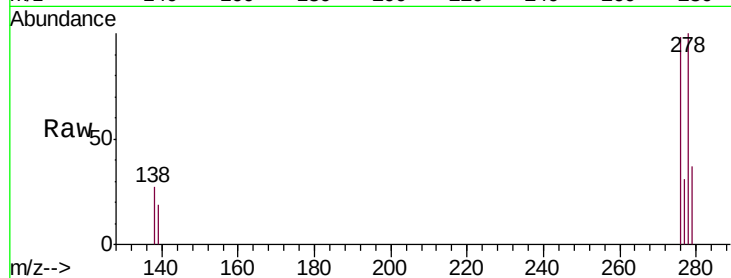
Tgt Ion:278 Resp: 5242

Ion Ratio Lower Upper

278 100

139 19.3 14.2 21.2

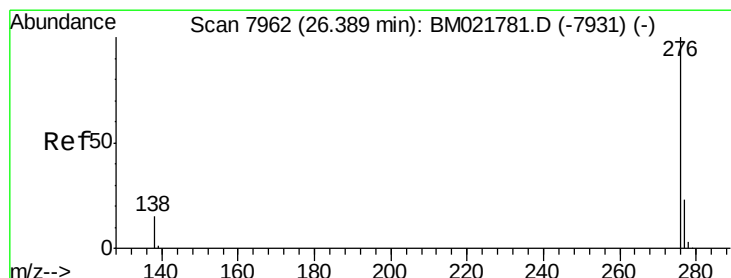
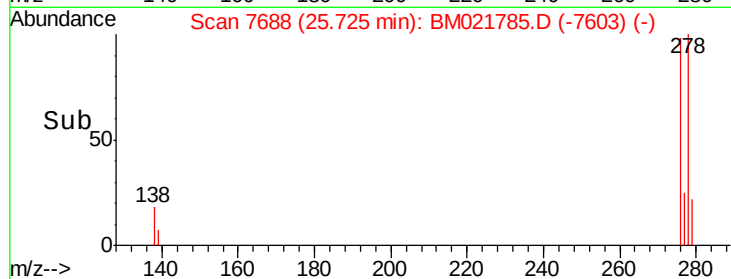
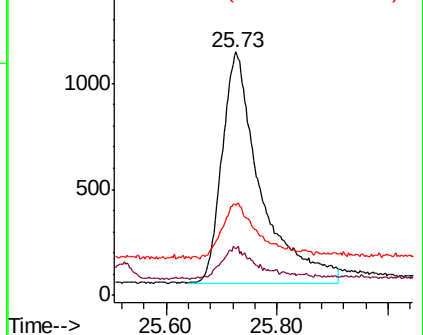
279 37.1 28.3 42.5



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



#26

Benzo(g,h,i)perylene

Concen: 0.397 ng/ul

RT: 26.38 min Scan# 7960

Delta R.T. -0.00 min

Lab File: BM021785.D

Acq: 03 Aug 2019 21:08

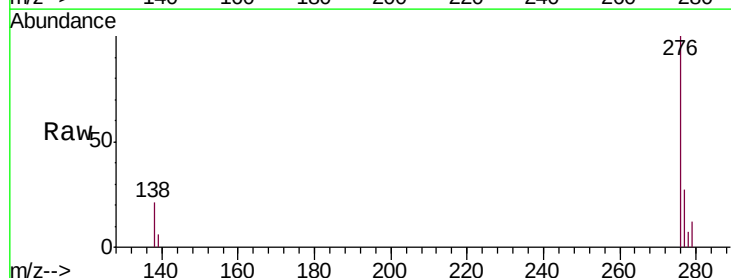
Tgt Ion:276 Resp: 6057

Ion Ratio Lower Upper

276 100

138 21.4 15.5 23.3

277 27.4 21.4 32.2



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

