

Data File : BN008593.D
Acq On : 15 Nov 2019 19:17
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SICV071

Quant Time: Nov 15 22:44:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 22:41:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2291	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7504	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	4335	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	9643	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	10818	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	10094	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4953	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	11973	0.41	ng/ul	0.00

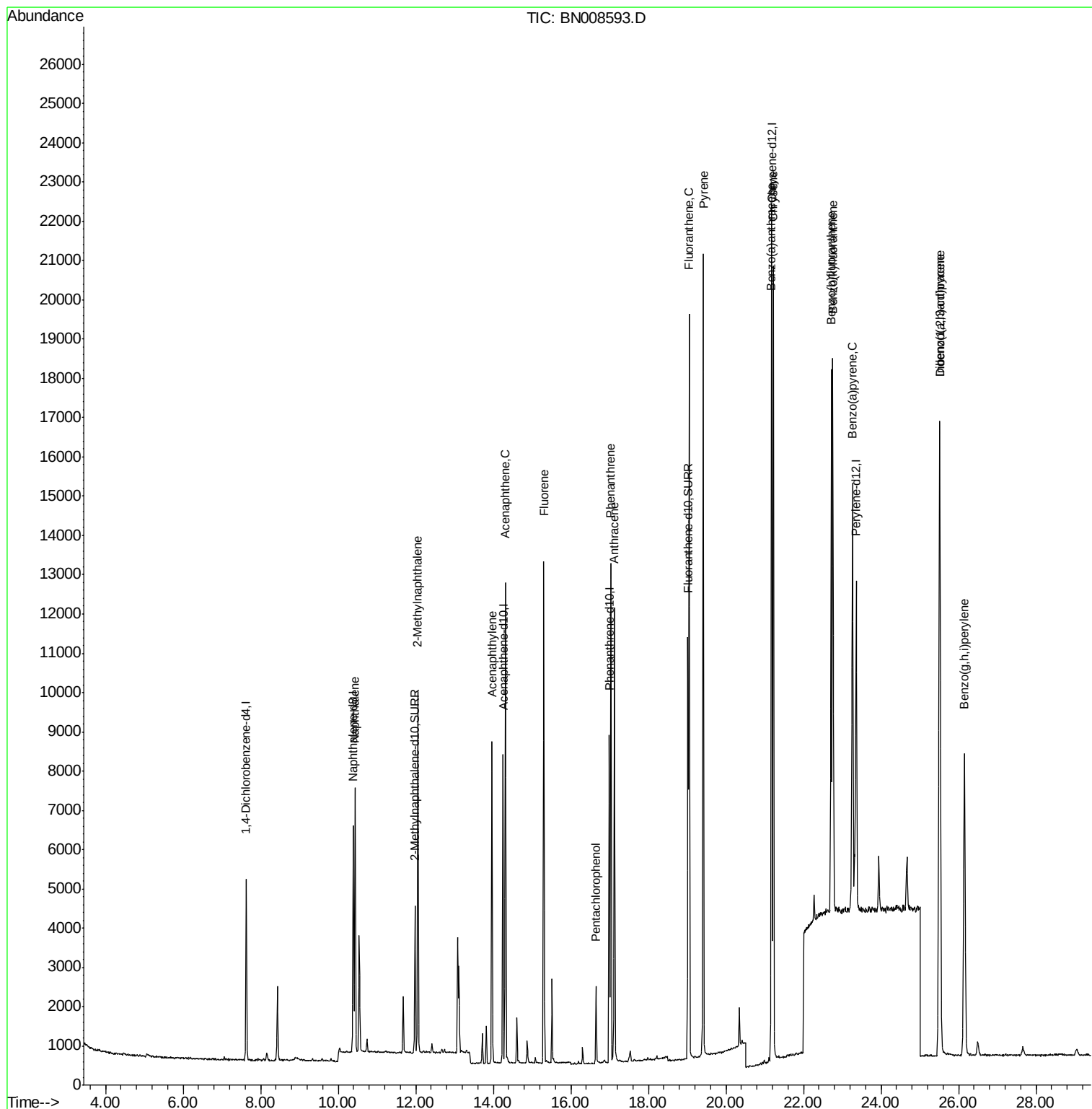
Target Compounds				Qvalue		
3) Naphthalene	10.43	128	9047	0.400	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	6344	0.402	ng/ul	99
7) Acenaphthylene	13.96	152	8912	0.372	ng/ul	99
8) Acenaphthene	14.31	153	6762	0.380	ng/ul	100
9) Fluorene	15.30	166	7871	0.377	ng/ul	100
11) Pentachlorophenol	16.65	266	1360	0.373	ng/ul	99
12) Phenanthrene	17.03	178	13473	0.414	ng/ul	100
13) Anthracene	17.12	178	12409	0.404	ng/ul	100
15) Fluoranthene	19.05	202	16277	0.407	ng/ul	97
17) Pyrene	19.41	202	16631	0.383	ng/ul	98
18) Benzo(a)anthracene	21.17	228	16602	0.382	ng/ul	100
19) Chrysene	21.22	228	16724	0.391	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	16206	0.389	ng/ul	99
22) Benzo(k)fluoranthene	22.76	252	16485	0.399	ng/ul	99
23) Benzo(a)pyrene	23.26	252	15436	0.395	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.50	276	18048	0.395	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.52	278	14499	0.393	ng/ul	100
26) Benzo(g,h,i)perylene	26.15	276	15042	0.394	ng/ul	100

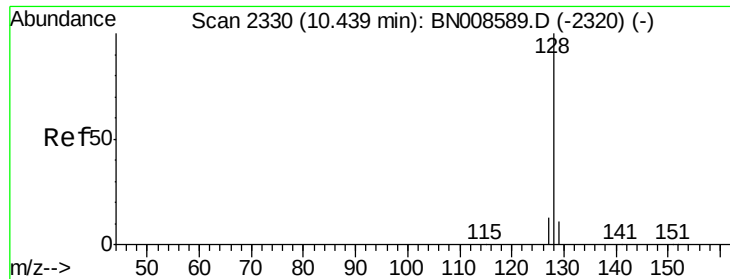
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.400 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.01 min

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Instrument :

BNA_N

ClientSampleId :

SICV071

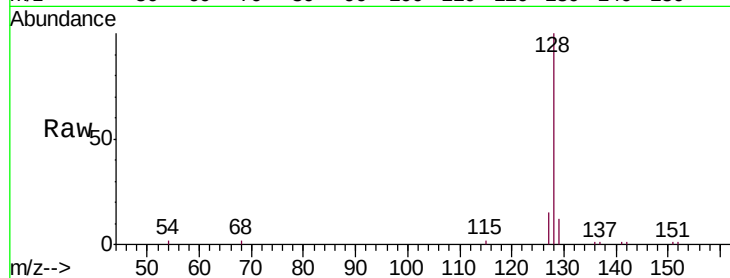
Tgt Ion:128 Resp: 9047

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

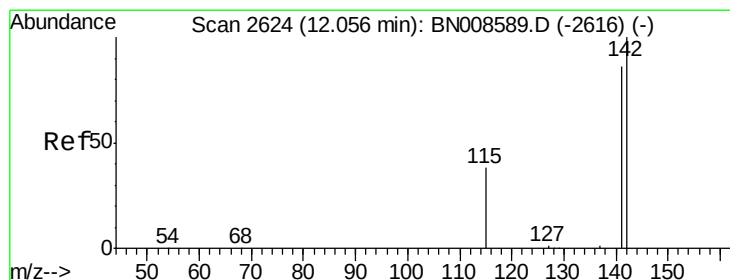
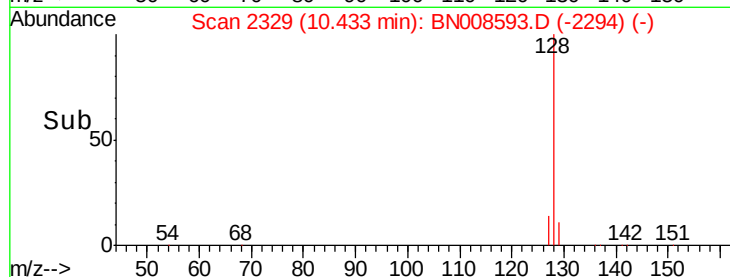
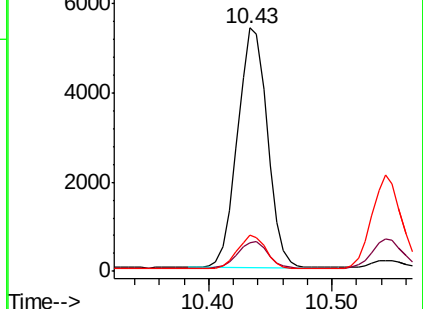
127 14.6 10.8 16.2



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: 0.402 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BN008593.D

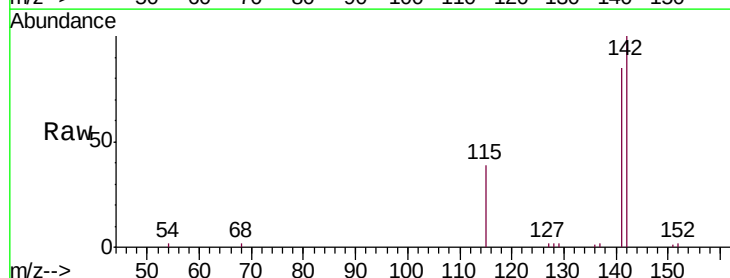
Acq: 15 Nov 2019 19:17

Tgt Ion:142 Resp: 6344

Ion Ratio Lower Upper

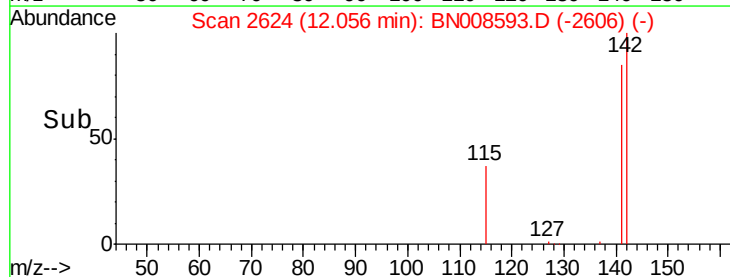
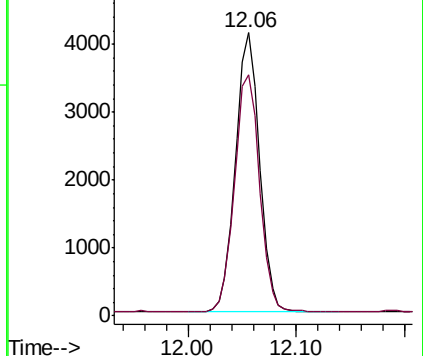
142 100

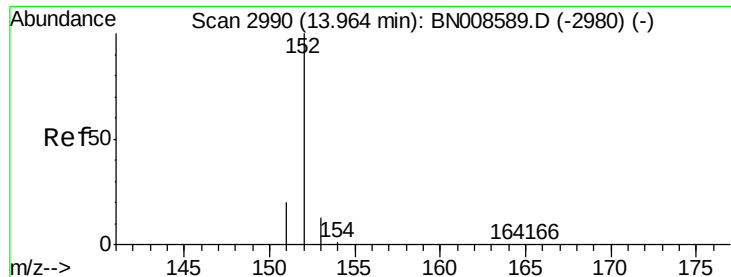
141 88.8 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.372 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SICV071

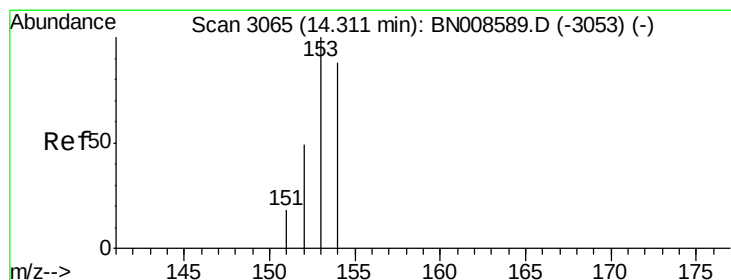
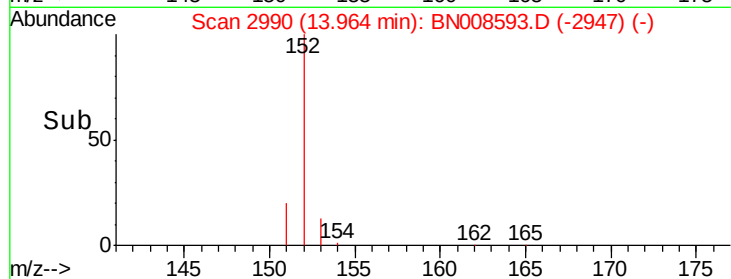
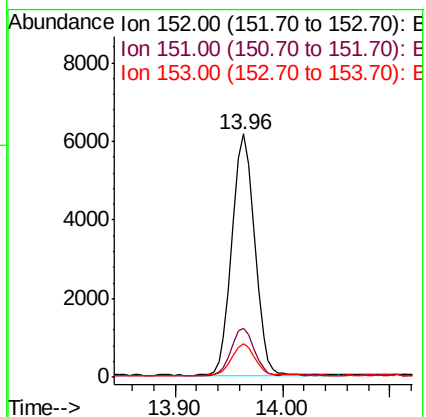
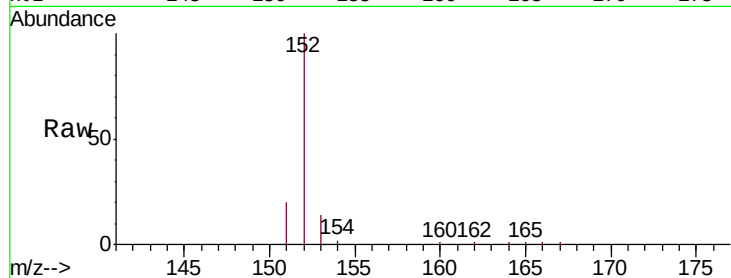
Tgt Ion:152 Resp: 8912

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

153 14.1 11.1 16.7



#8

Acenaphthene

Concen: 0.380 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

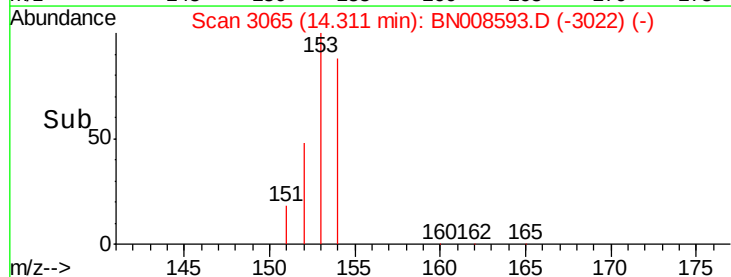
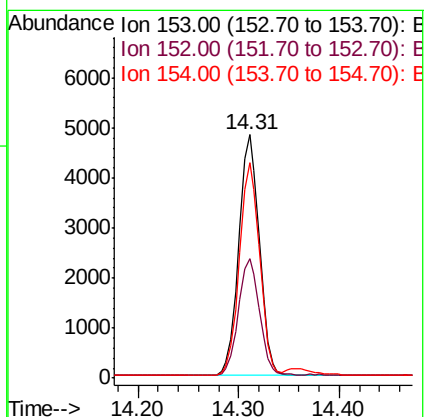
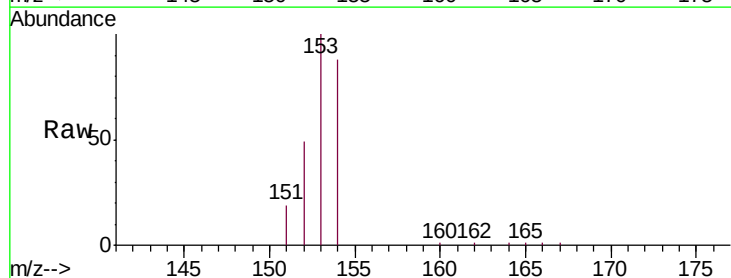
Tgt Ion:153 Resp: 6762

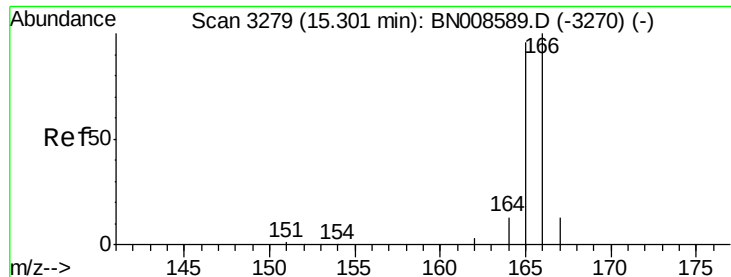
Ion Ratio Lower Upper

153 100

152 48.9 39.6 59.4

154 88.4 70.6 106.0





#9

Fluorene

Concen: 0.377 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SICV071

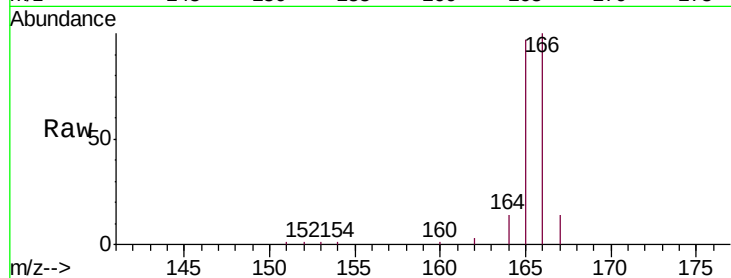
Tgt Ion:166 Resp: 7871

Ion Ratio Lower Upper

166 100

165 96.5 77.4 116.0

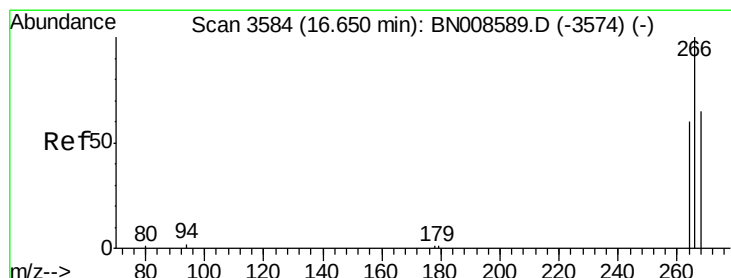
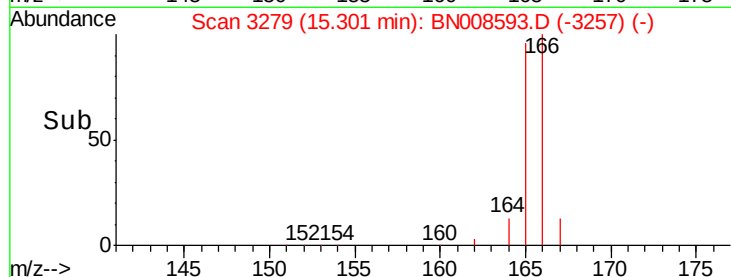
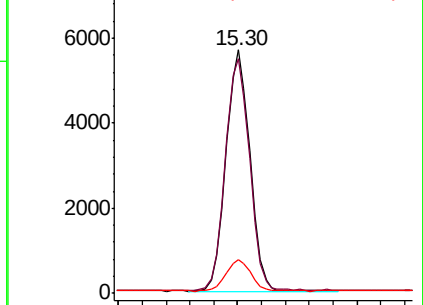
167 14.0 11.4 17.0



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



#11

Pentachlorophenol

Concen: 0.373 ng/ul

RT: 16.65 min Scan# 3583

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

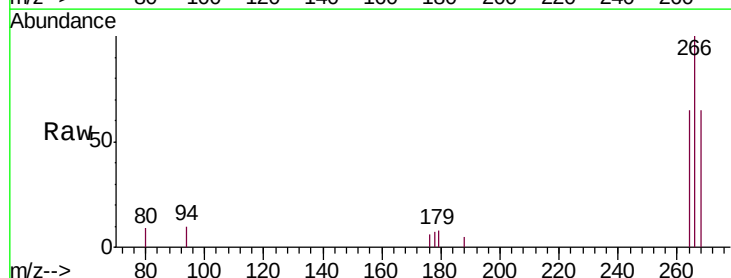
Tgt Ion:266 Resp: 1360

Ion Ratio Lower Upper

266 100

264 62.4 49.2 73.8

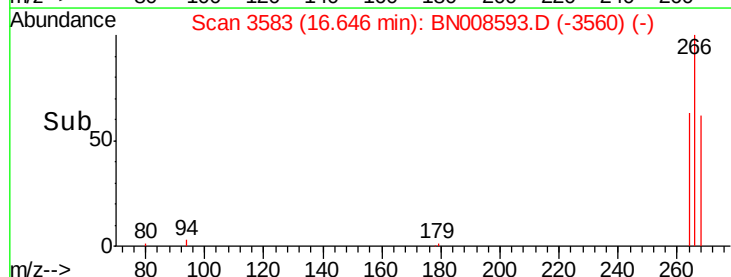
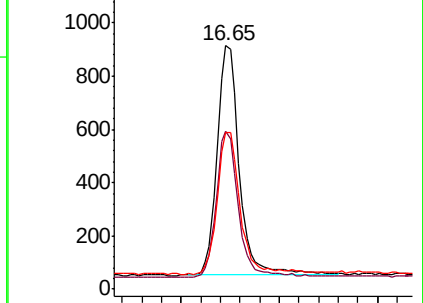
268 64.8 50.9 76.3

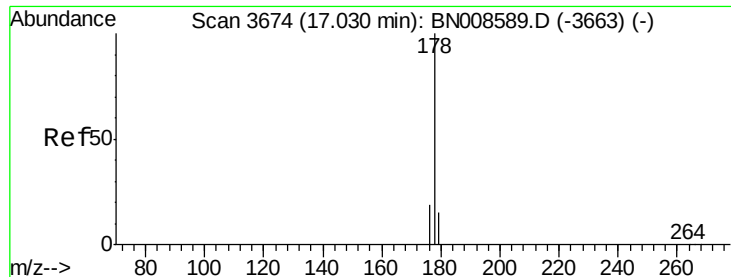


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.414 ng/ul

RT: 17.03 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

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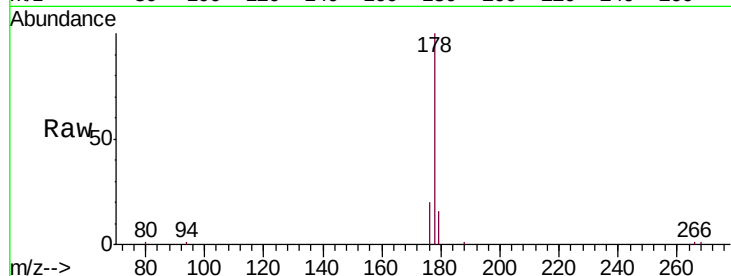
Tgt Ion:178 Resp: 13473

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

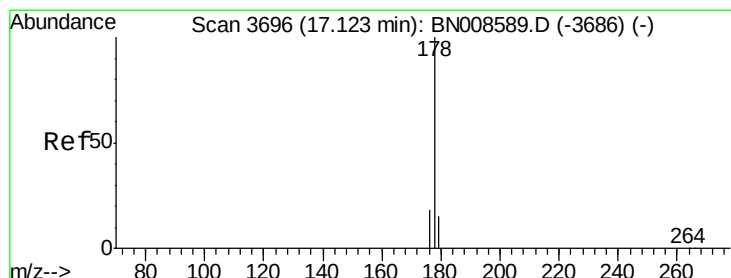
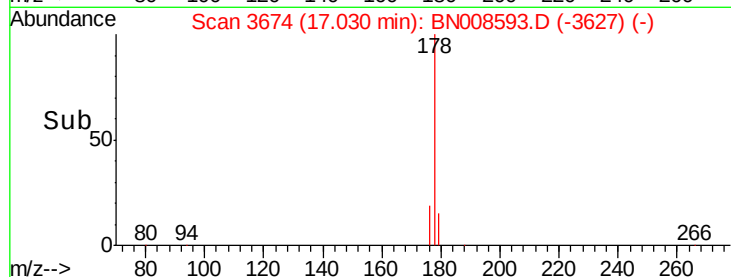
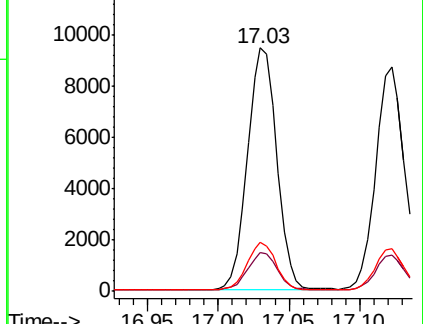
176 19.9 16.0 24.0



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



#13

Anthracene

Concen: 0.404 ng/ul

RT: 17.12 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

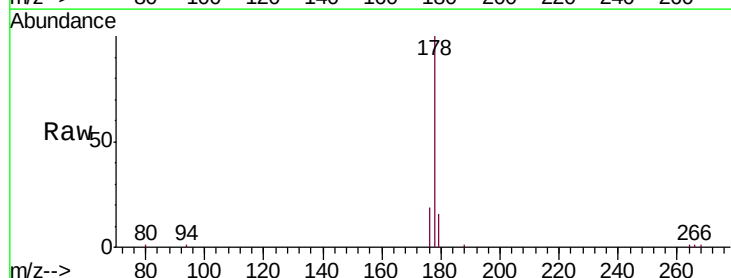
Tgt Ion:178 Resp: 12409

Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.4

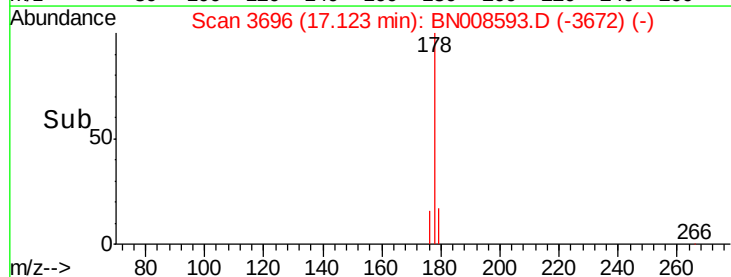
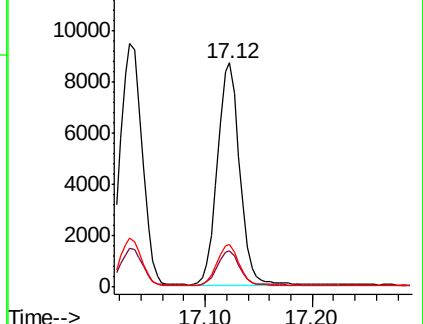
176 19.0 15.3 22.9

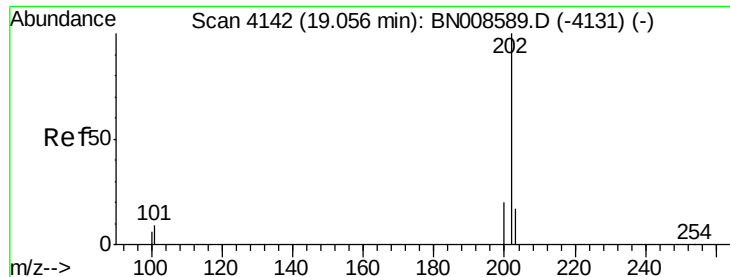


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.407 ng/ul

RT: 19.05 min Scan# 4141

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SICV071

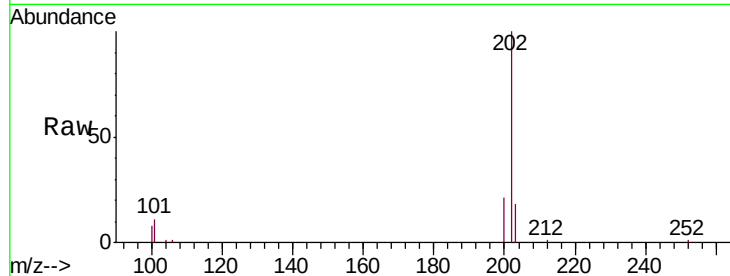
Tgt Ion:202 Resp: 16277

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.6

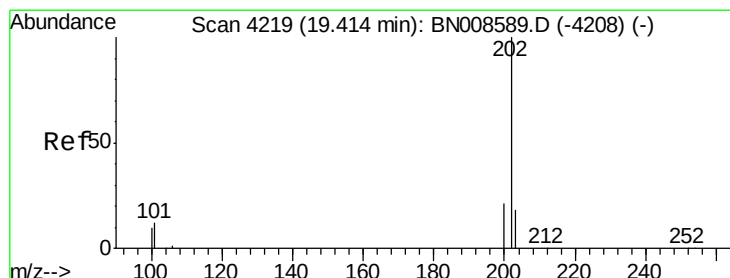
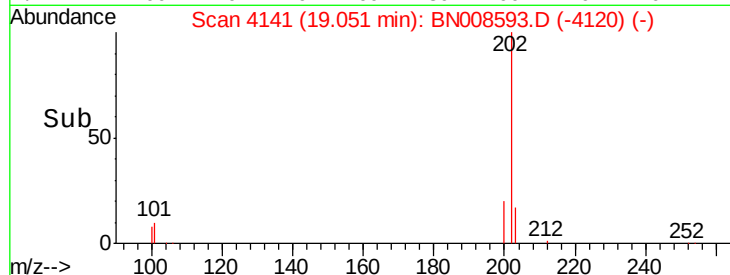
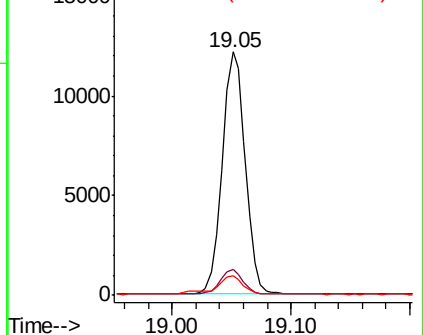
100 8.0 0.0 27.0



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



#17

Pyrene

Concen: 0.383 ng/ul

RT: 19.41 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

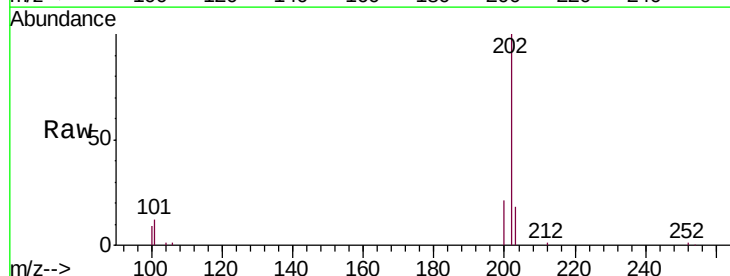
Tgt Ion:202 Resp: 16631

Ion Ratio Lower Upper

202 100

101 12.0 10.2 15.2

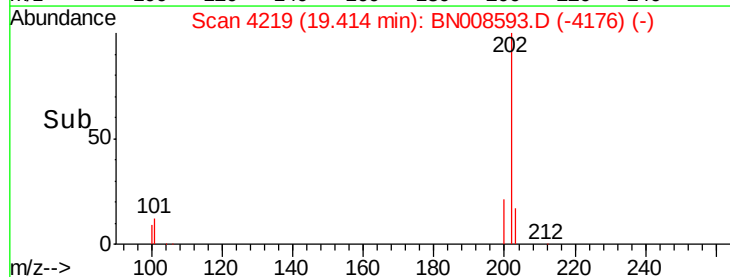
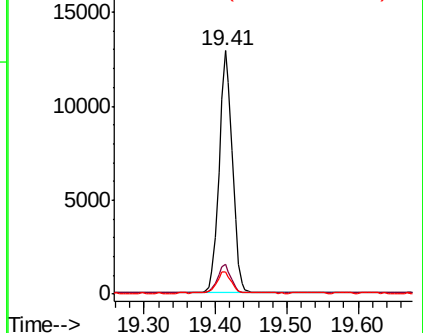
100 9.1 8.2 12.2

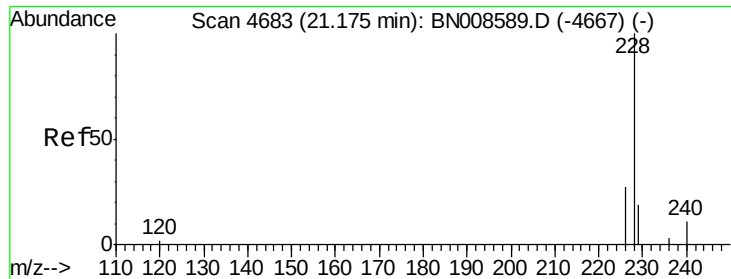


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.382 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. -0.00 min

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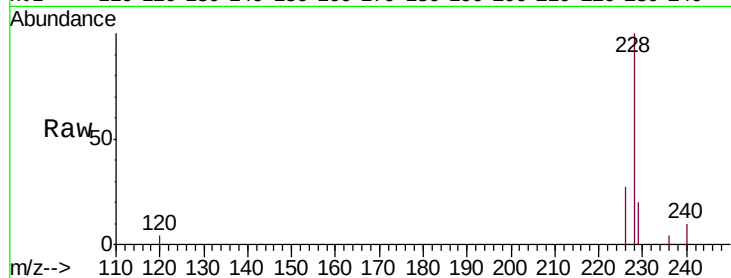
Tgt Ion:228 Resp: 16602

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

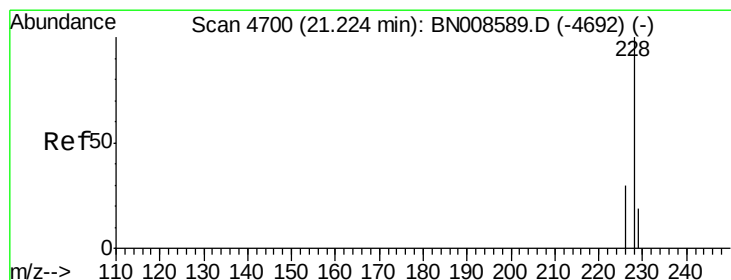
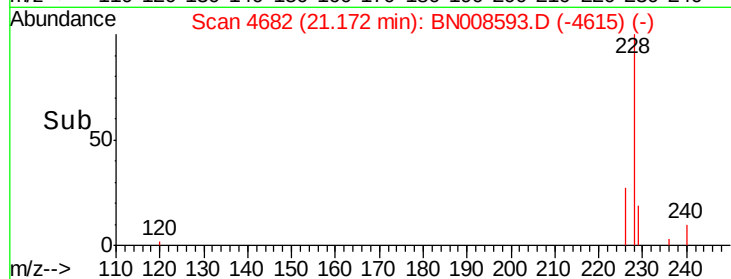
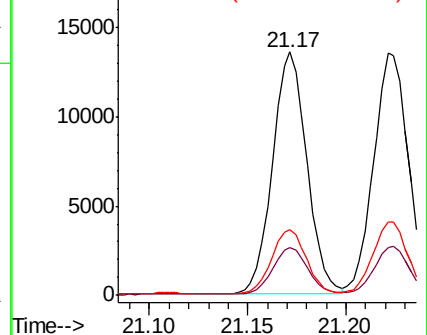
226 27.0 21.6 32.4



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



#19

Chrysene

Concen: 0.391 ng/ul

RT: 21.22 min Scan# 4699

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

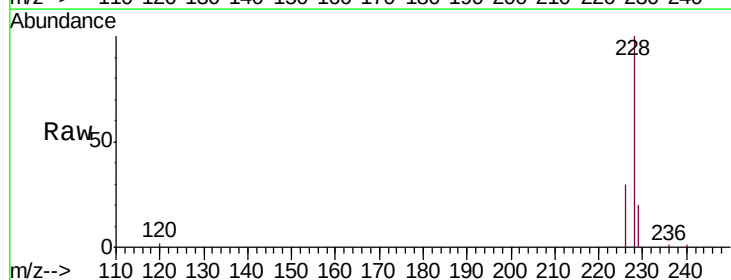
Tgt Ion:228 Resp: 16724

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

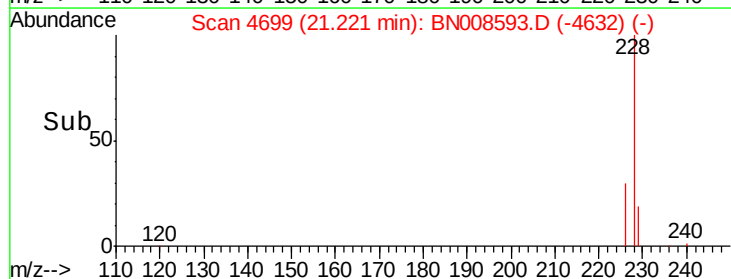
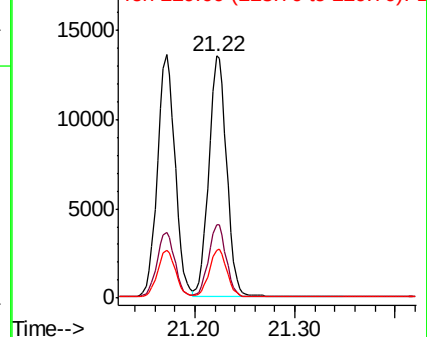
229 19.8 15.5 23.3

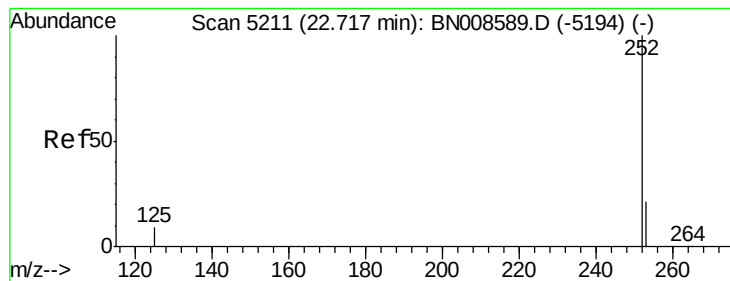


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.389 ng/ul

RT: 22.71 min Scan# 5210

Delta R.T. -0.00 min

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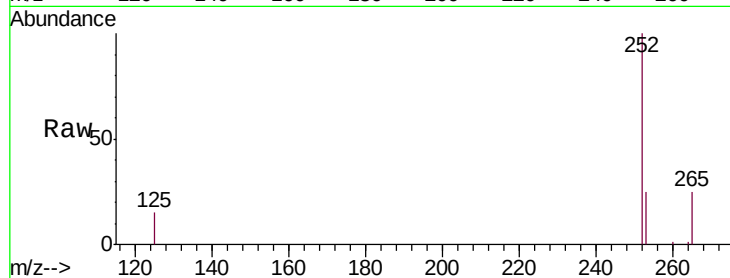
Tgt Ion:252 Resp: 16206

Ion Ratio Lower Upper

252 100

253 25.2 0.0 50.2

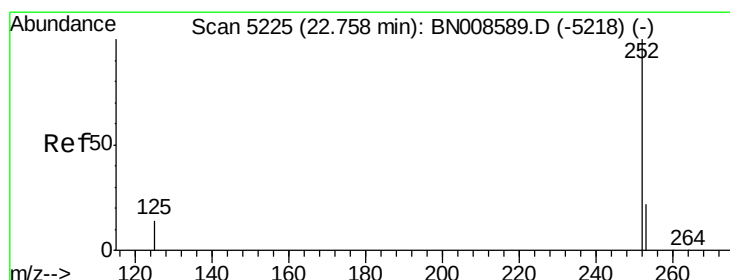
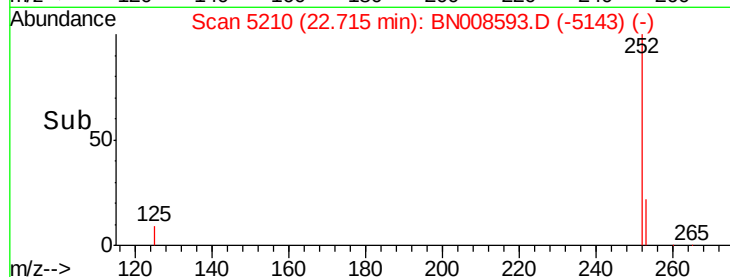
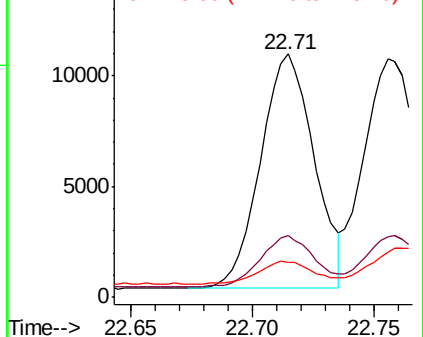
125 14.6 0.0 30.0



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: 0.399 ng/ul

RT: 22.76 min Scan# 5224

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

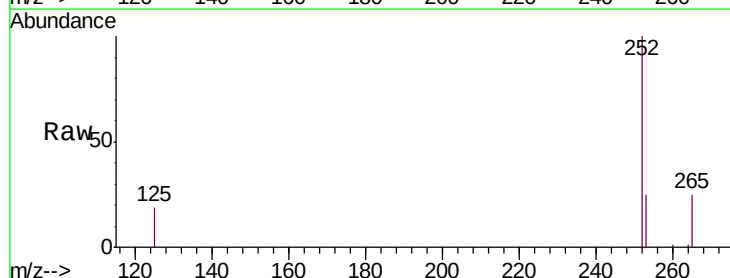
Tgt Ion:252 Resp: 16485

Ion Ratio Lower Upper

252 100

253 25.5 20.5 30.7

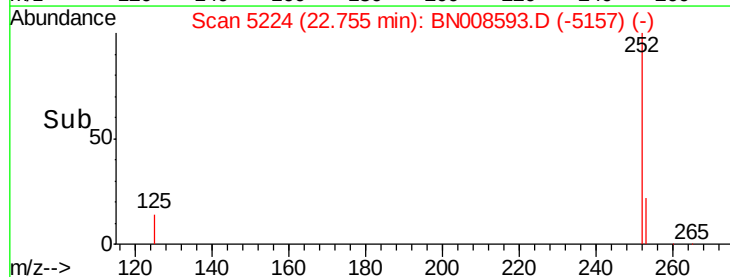
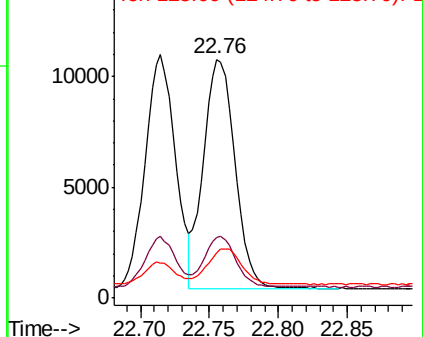
125 19.1 15.0 22.4

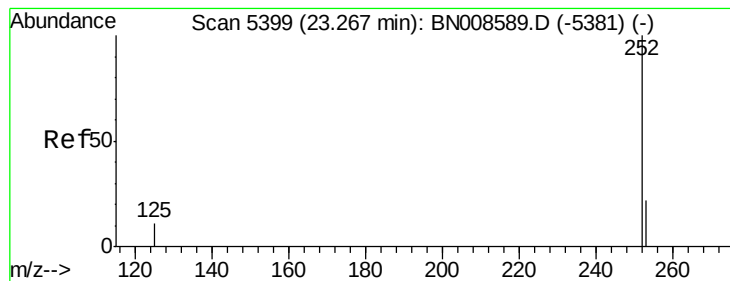


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.395 ng/ul

RT: 23.26 min Scan# 5398

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SICV071

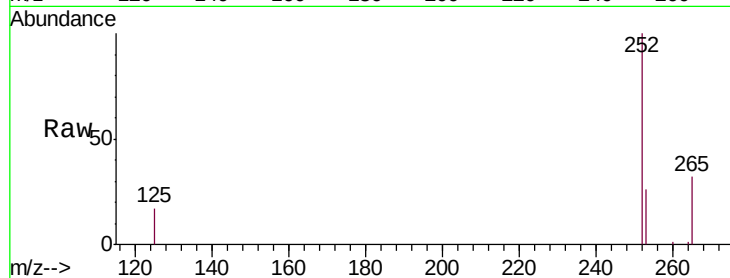
Tgt Ion:252 Resp: 15436

Ion Ratio Lower Upper

252 100

253 26.4 21.4 32.2

125 16.7 13.8 20.8

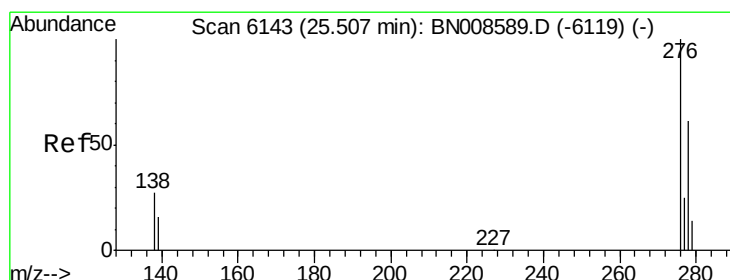
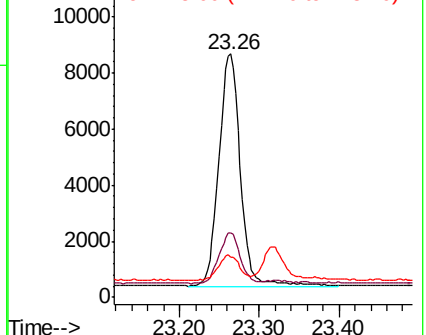
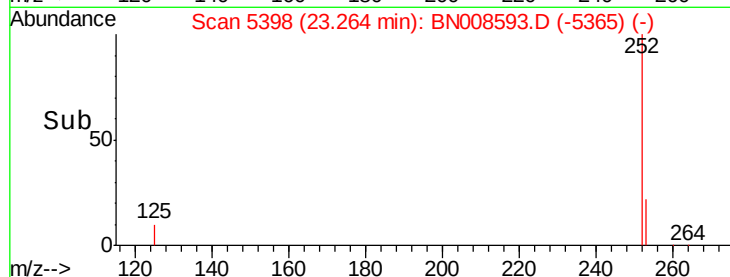


Abundance

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: 0.395 ng/ul

RT: 25.50 min Scan# 6142

Delta R.T. -0.00 min

Lab File: BN008593.D

Acq: 15 Nov 2019 19:17

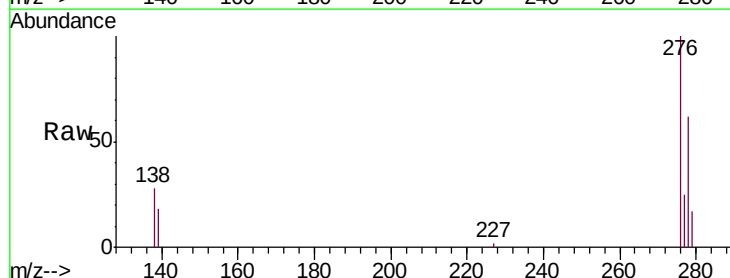
Tgt Ion:276 Resp: 18048

Ion Ratio Lower Upper

276 100

138 27.0 21.7 32.5

227 0.3 0.2 0.2#

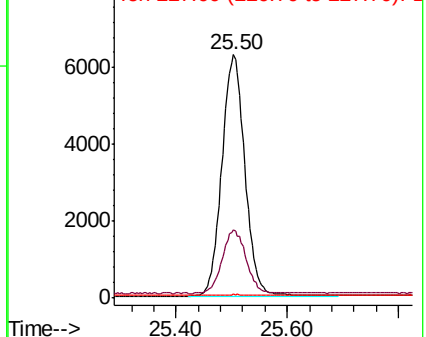
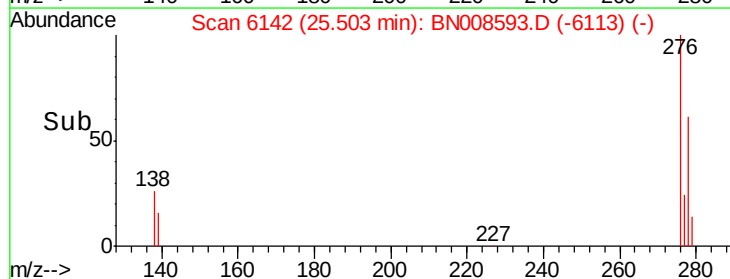


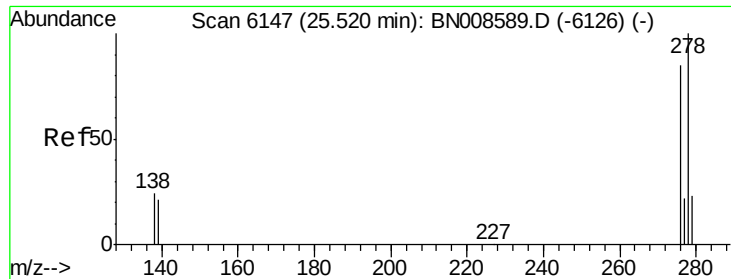
Abundance

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



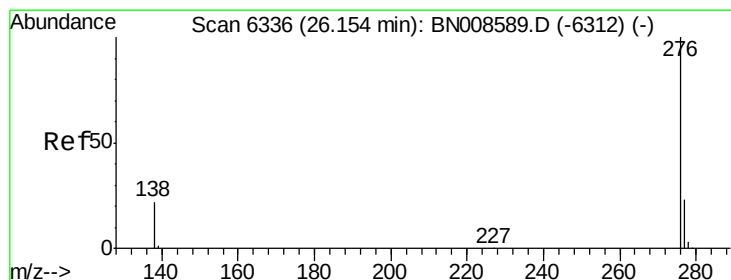
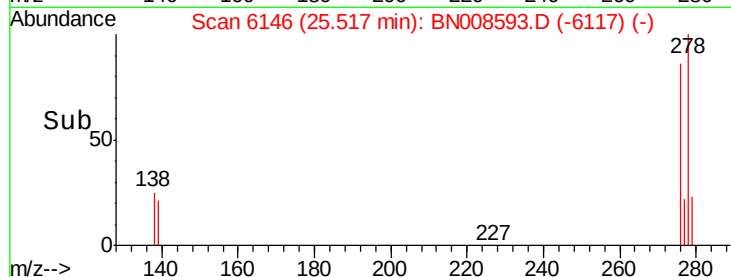
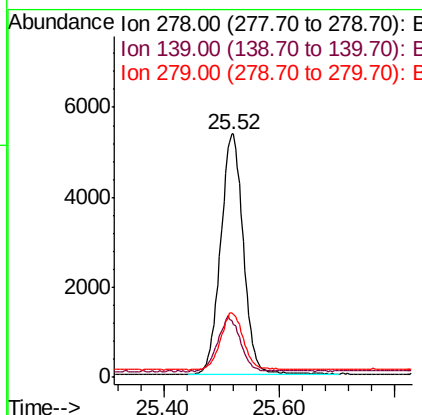
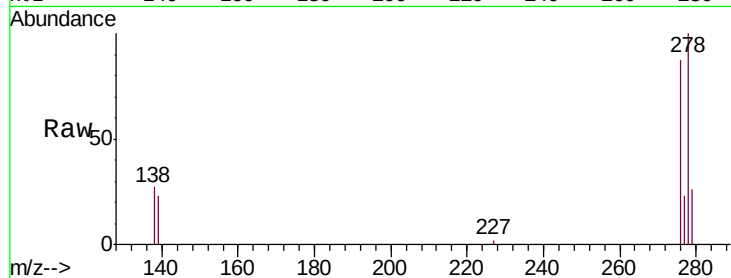


#25
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 25.52 min Scan# 6146
Delta R.T. -0.00 min
Lab File: BN008593.D
Acq: 15 Nov 2019 19:17

Instrument :
BNA_N
ClientSampleId :
SICV071

Tgt Ion: 278 Resp: 14499

Ion	Ratio	Lower	Upper
278	100		
139	23.4	18.7	28.1
279	26.3	20.8	31.2



#26
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.15 min Scan# 6334
Delta R.T. -0.01 min
Lab File: BN008593.D
Acq: 15 Nov 2019 19:17

Tgt Ion: 276 Resp: 15042

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.0	30.0
277	25.1	20.0	30.0

