

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062719\
 Data File : BN006598.D
 Acq On : 27 Jun 2019 12:20
 Operator : HP/JU
 Sample : SSTD0.415
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 14:21:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 14:04:30 2019
 Response via : Initial Calibration

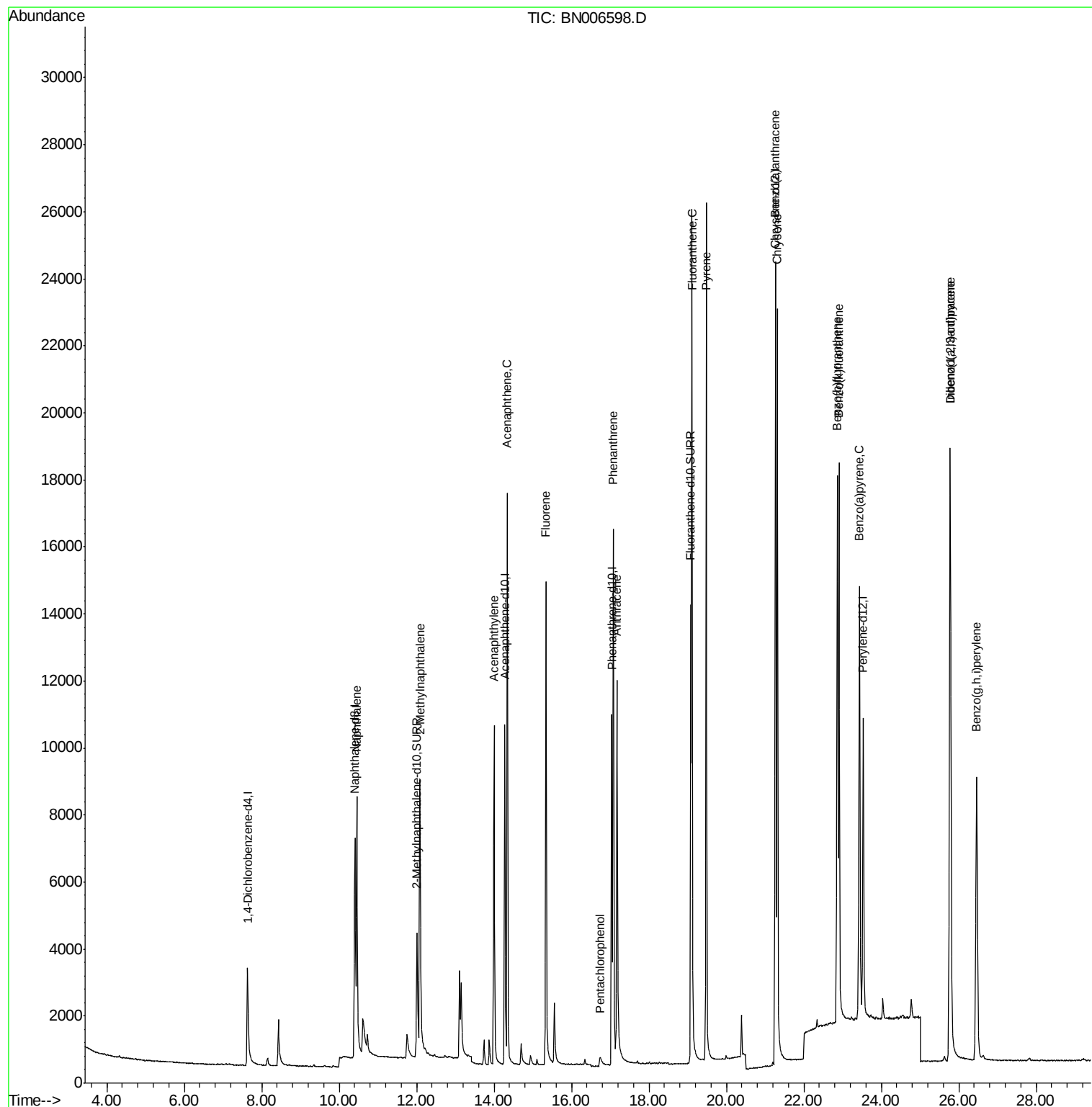
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2576	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	10623	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	6014	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	13335	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11769	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	12108	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	6915	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	16277	0.45	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	12799	0.437	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	8693	0.426	ng/ul	100
7) Acenaphthylene	14.00	152	13018	0.389	ng/ul	100
8) Acenaphthene	14.34	153	10134	0.437	ng/ul	100
9) Fluorene	15.34	166	11004	0.406	ng/ul	100
11) Pentachlorophenol	16.74	266	667	0.197	ng/ul	99
12) Phenanthrene	17.08	178	18074	0.422	ng/ul	100
13) Anthracene	17.17	178	15590	0.381	ng/ul	100
15) Fluoranthene	19.11	202	21990	0.465	ng/ul	100
17) Pyrene	19.48	202	22901	0.369	ng/ul	100
18) Benzo(a)anthracene	21.26	228	20334	0.391	ng/ul	100
19) Chrysene	21.32	228	22666	0.464	ng/ul	100
21) Benzo(b)fluoranthene	22.86	252	21242	0.421	ng/ul	100
22) Benzo(k)fluoranthene	22.90	252	21656	0.440	ng/ul	100
23) Benzo(a)pyrene	23.43	252	20241	0.430	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.77	276	20505	0.403	ng/ul	100
25) Dibenzo(a,h)anthracene	25.78	278	16232	0.399	ng/ul	100
26) Benzo(g,h,i)perylene	26.46	276	17209	0.404	ng/ul	100

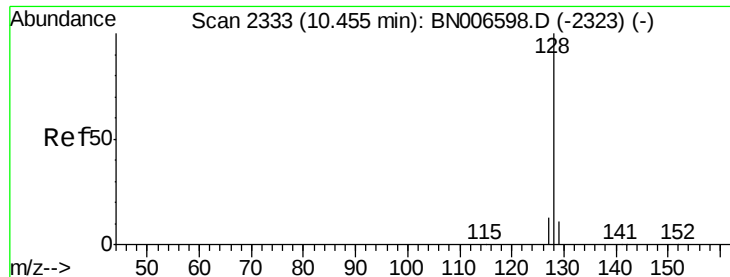
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.437 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

Instrument :

BNA_N

ClientSampleId :

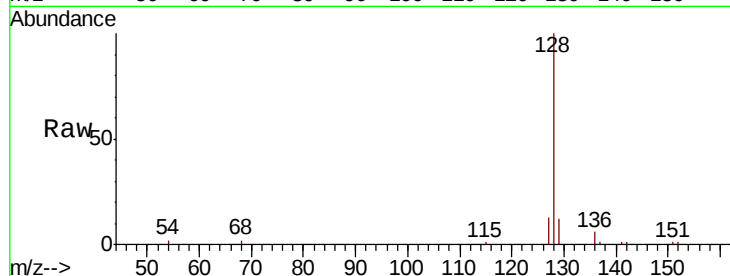
Tot Ion:128 Resp: 12799

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

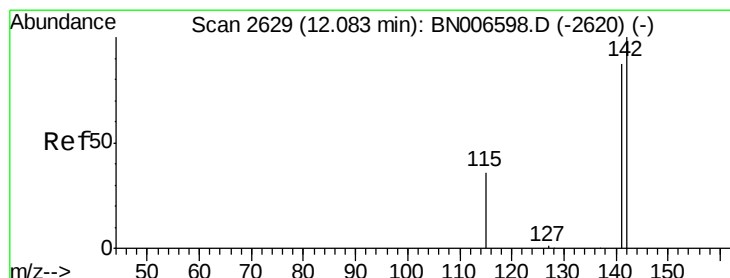
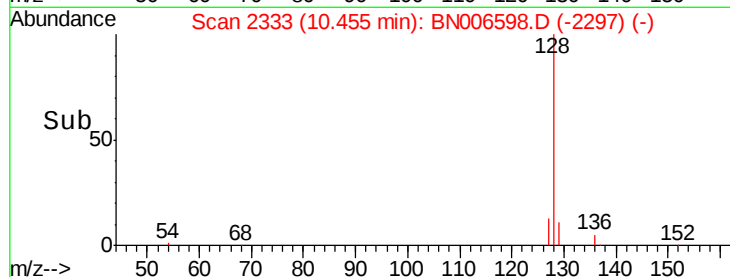
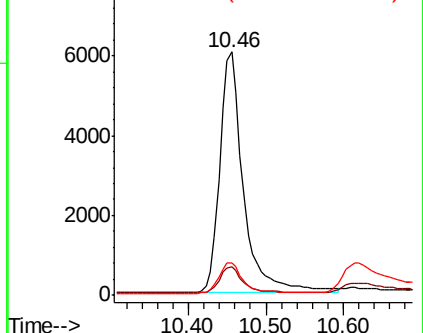
127 13.3 10.6 16.0



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: 0.426 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. 0.00 min

Lab File: BN006598.D

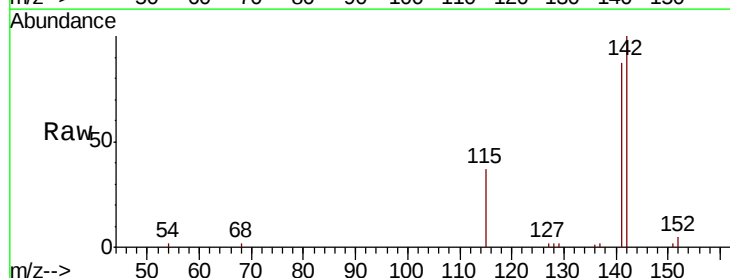
Acq: 27 Jun 2019 12:20

Tgt Ion:142 Resp: 8693

Ion Ratio Lower Upper

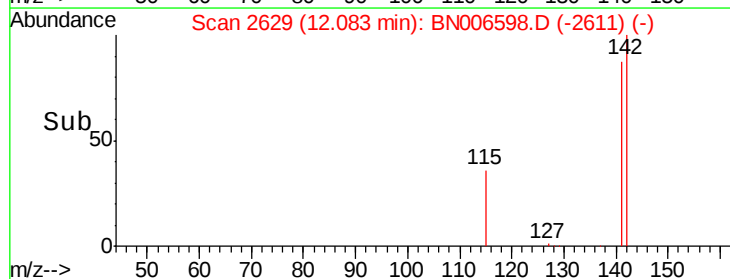
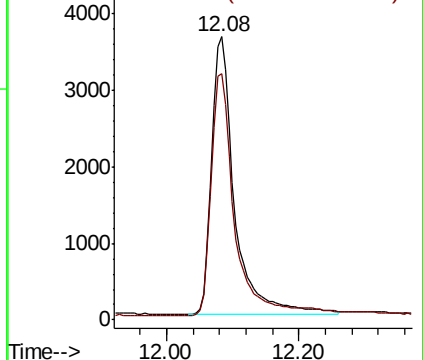
142 100

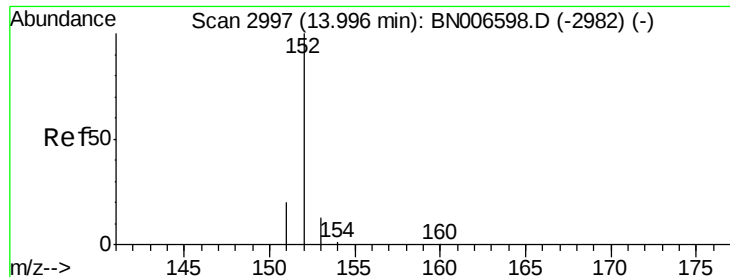
141 89.7 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.389 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

Instrument :

BNA_N

ClientSampleId :

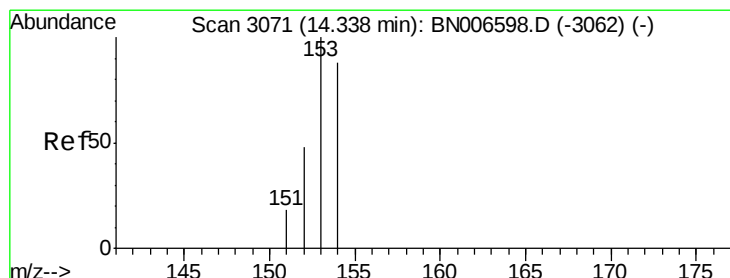
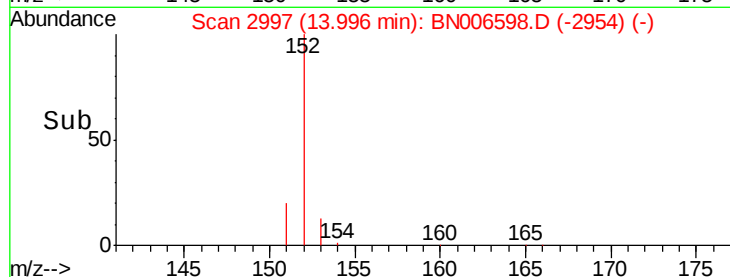
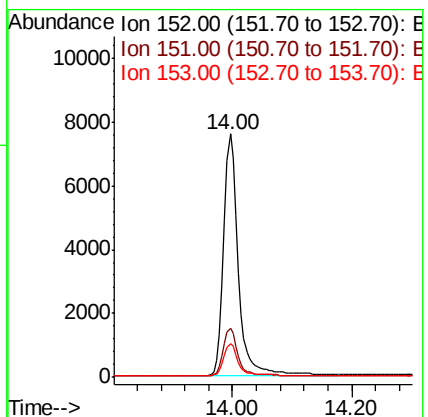
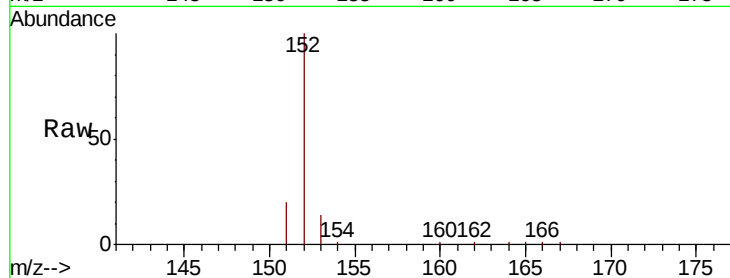
Tot Ion:152 Resp: 13018

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 14.0 11.2 16.8



#8

Acenaphthene

Concen: 0.437 ng/ul

RT: 14.34 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

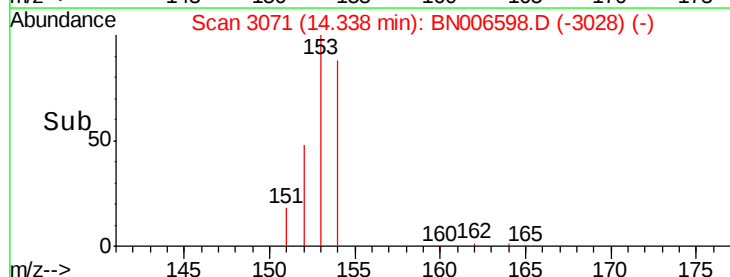
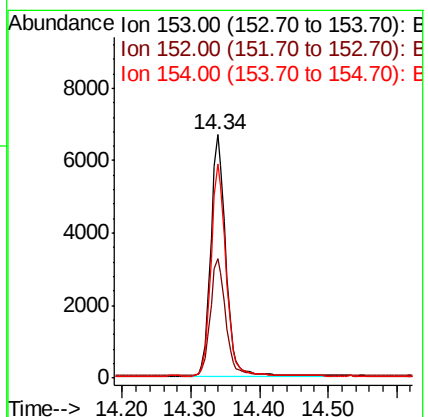
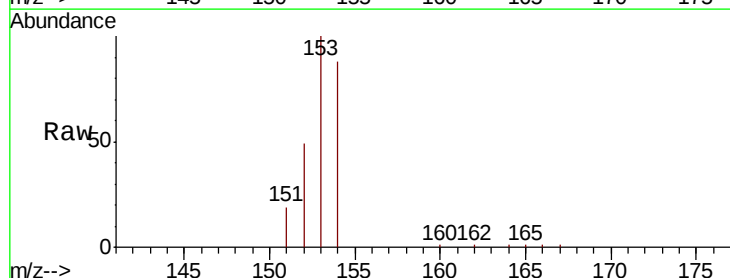
Tgt Ion:153 Resp: 10134

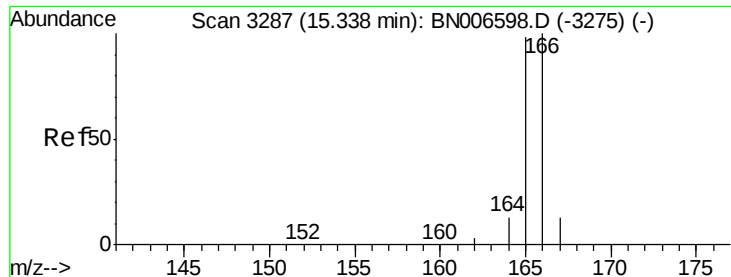
Ion Ratio Lower Upper

153 100

152 49.1 39.3 58.9

154 88.2 70.6 105.8





#9

Fluorene

Concen: 0.406 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

Instrument :

BNA_N

ClientSampleId :

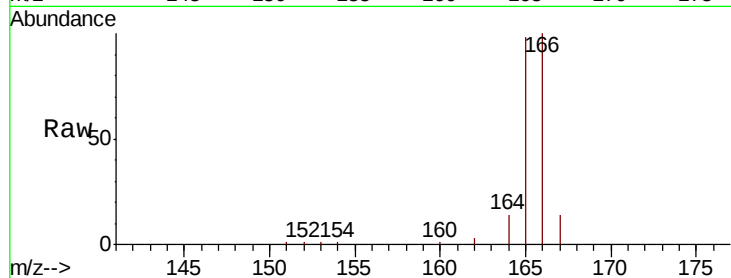
Tot Ion:166 Resp: 11004

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

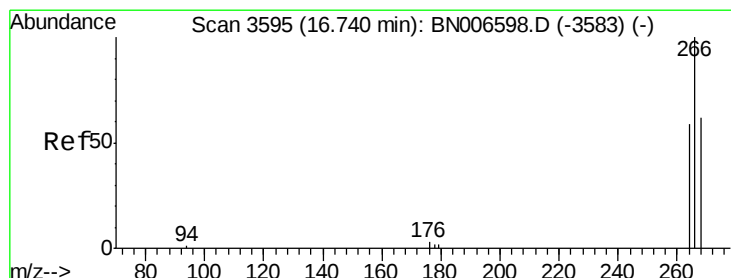
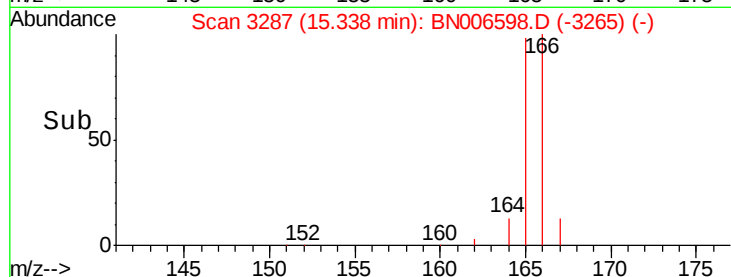
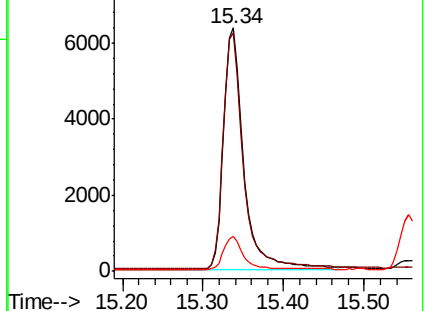
167 14.1 11.3 16.9



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: 0.197 ng/ul

RT: 16.74 min Scan# 3595

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

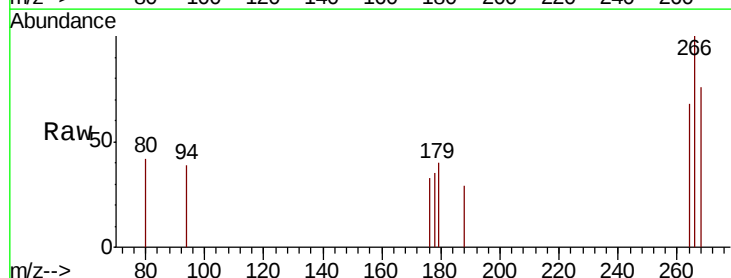
Tgt Ion:266 Resp: 667

Ion Ratio Lower Upper

266 100

264 56.5 45.9 68.9

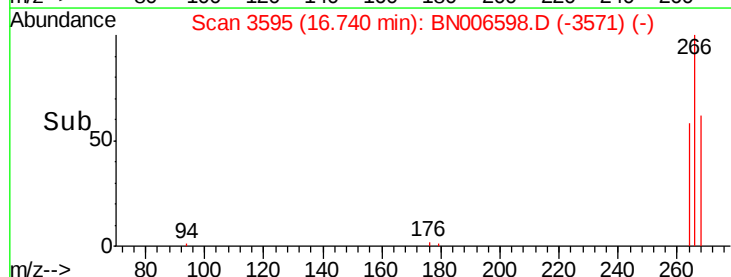
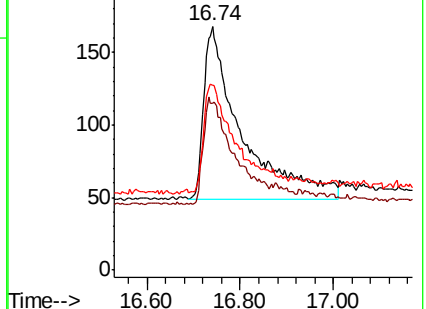
268 59.2 48.1 72.1

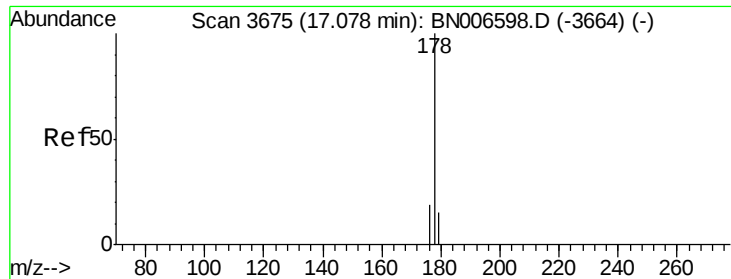


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.422 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

Instrument :

BNA_N

ClientSampleId :

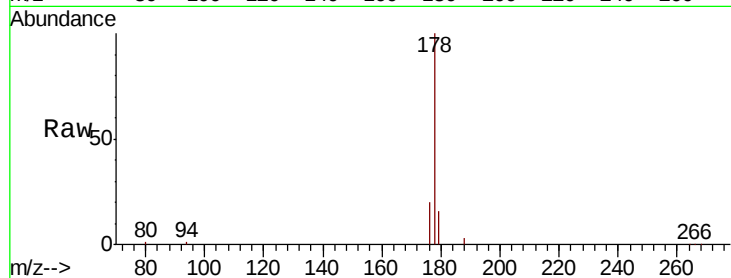
Tot Ion:178 Resp: 18074

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

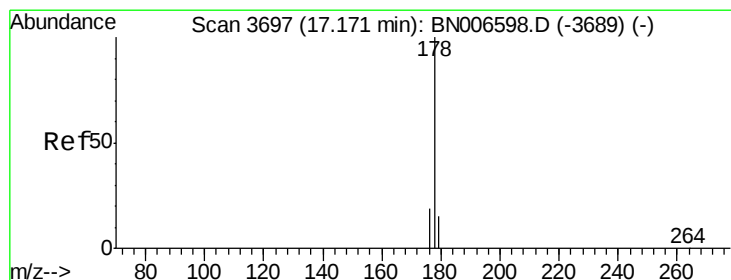
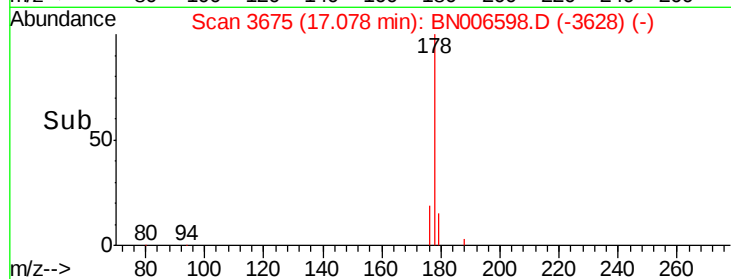
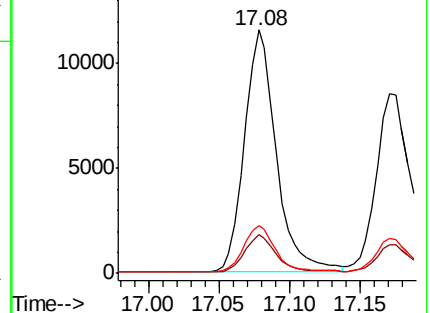
176 19.8 15.8 23.8



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



#13

Anthracene

Concen: 0.381 ng/ul

RT: 17.17 min Scan# 3697

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

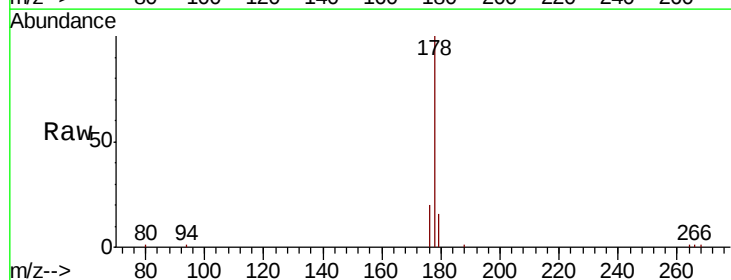
Tgt Ion:178 Resp: 15590

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

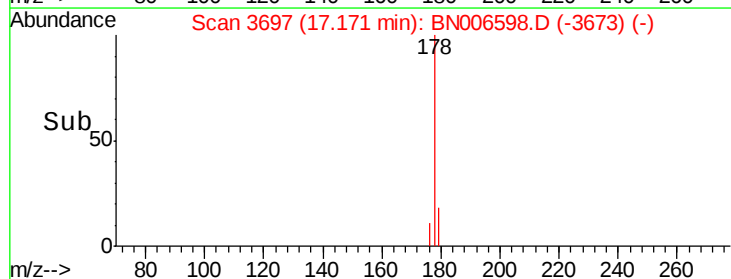
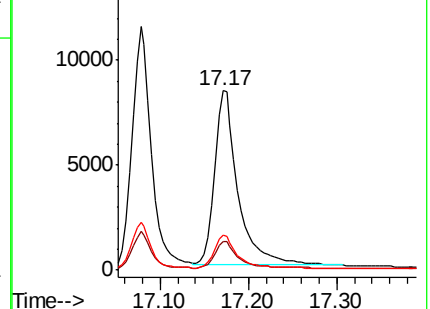
176 19.7 15.8 23.6

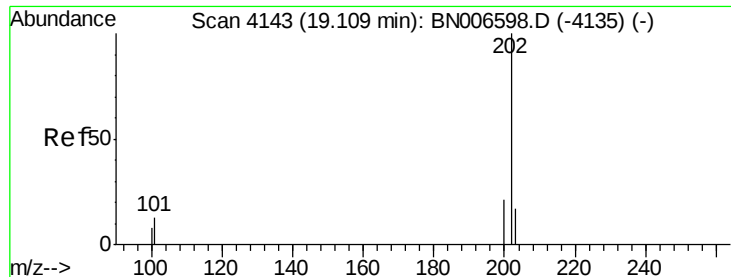


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.465 ng/ul

RT: 19.11 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

Instrument :

BNA_N

ClientSampleId :

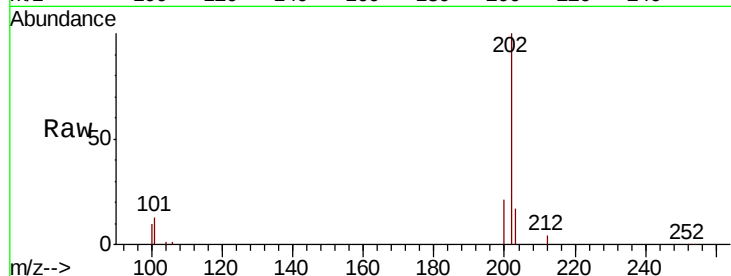
Tot Ion:202 Resp: 21990

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

100 9.9 0.0 29.9

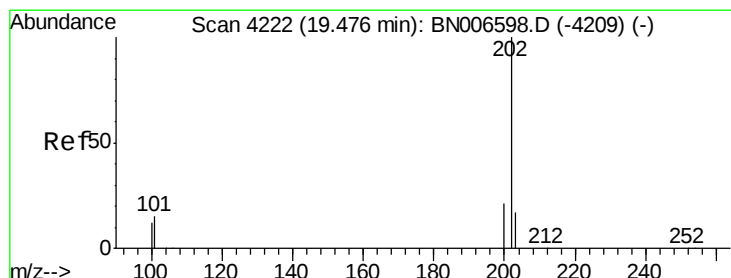
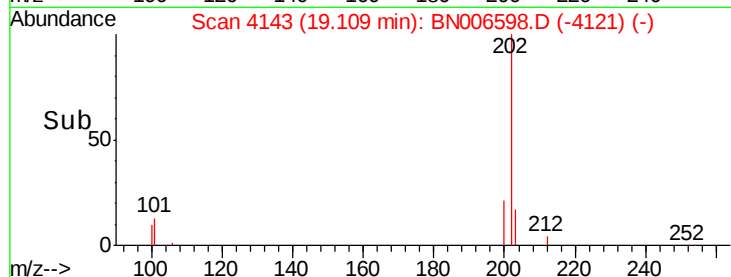
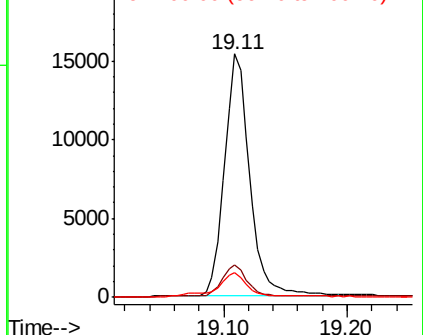


Abundance

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: 0.369 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

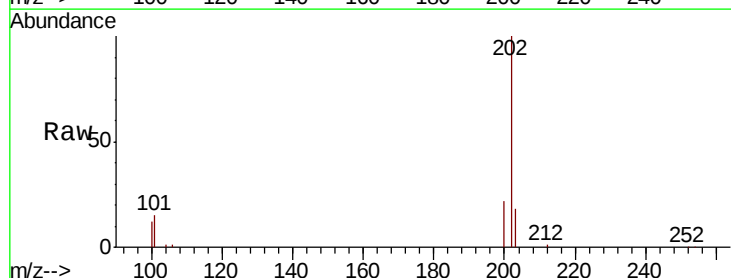
Tgt Ion:202 Resp: 22901

Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.2

100 12.3 9.8 14.8

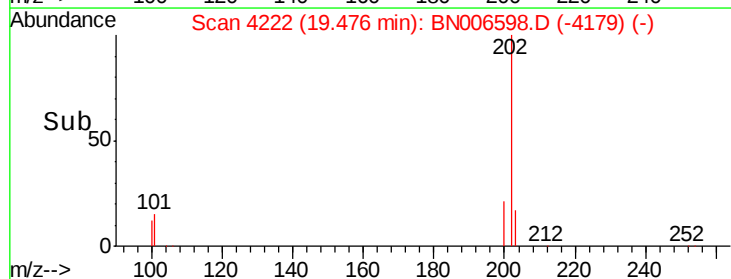
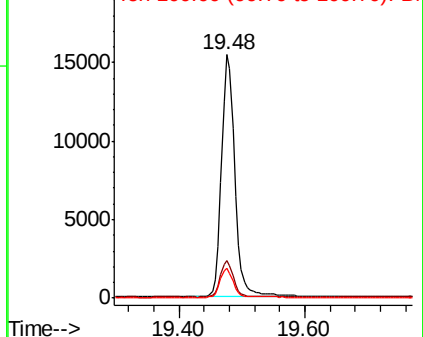


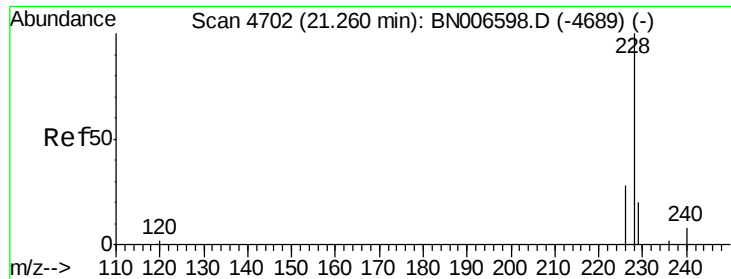
Abundance

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: 0.391 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

Instrument :

BNA_N

ClientSampleId :

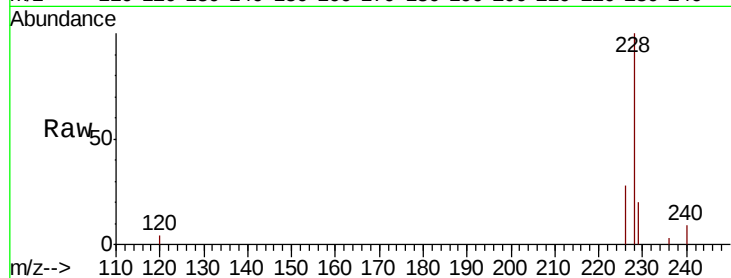
Tot Ion:228 Resp: 20334

Ion Ratio Lower Upper

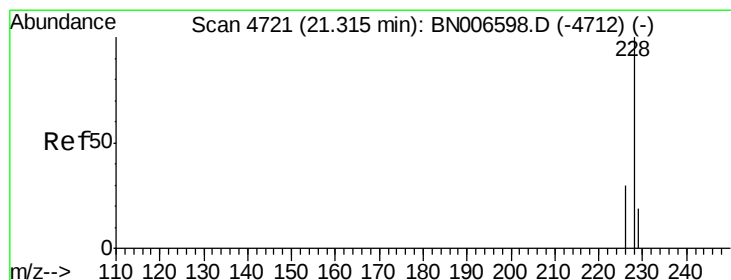
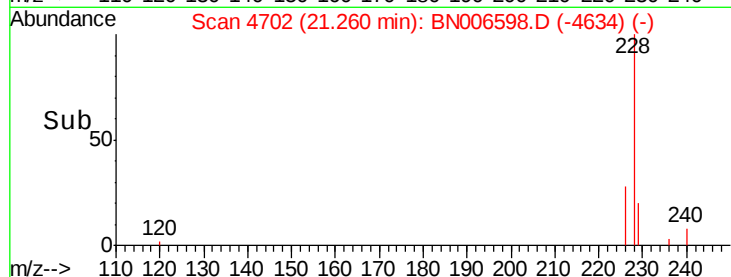
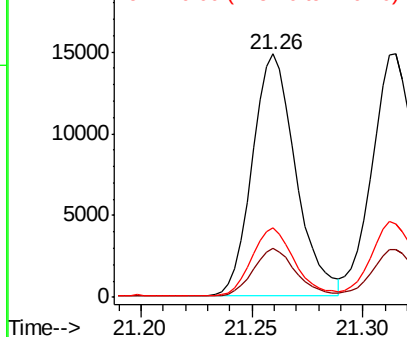
228 100

229 19.9 15.9 23.9

226 28.3 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: 0.464 ng/ul

RT: 21.32 min Scan# 4721

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

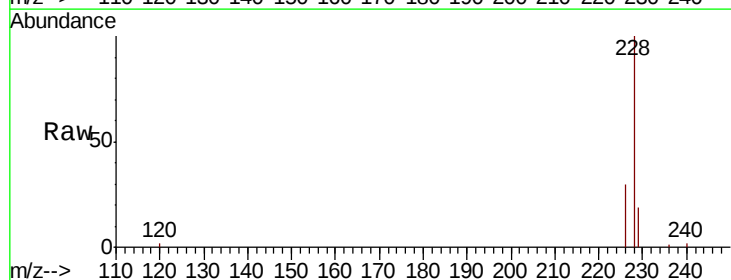
Tgt Ion:228 Resp: 22666

Ion Ratio Lower Upper

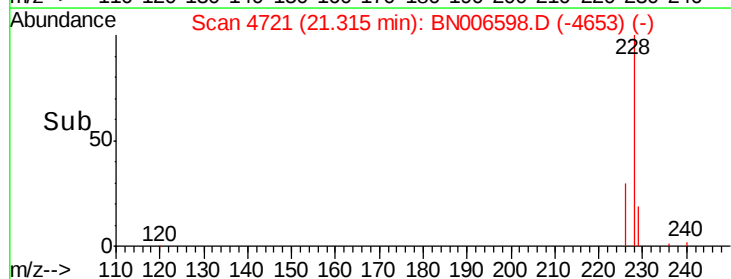
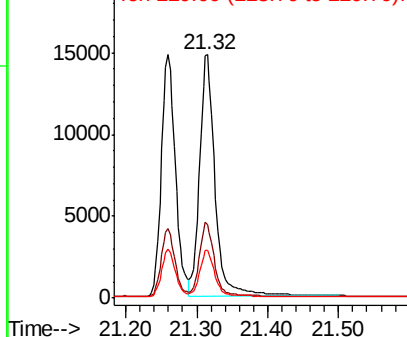
228 100

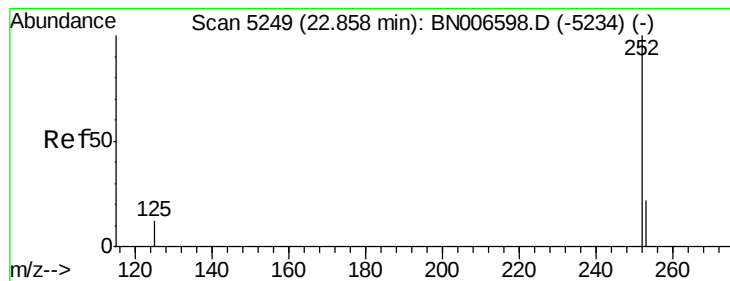
226 30.3 24.2 36.4

229 19.4 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: 0.421 ng/ul

RT: 22.86 min Scan# 5249

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

Instrument :

BNA_N

ClientSampleId :

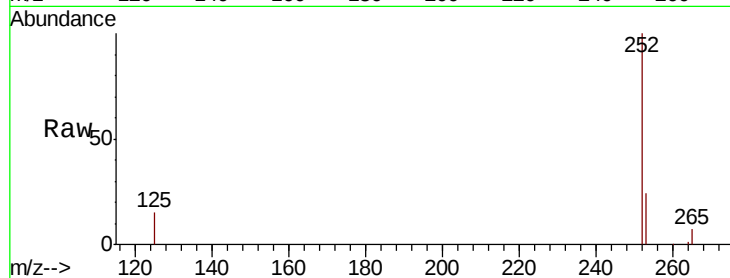
Tot Ion:252 Resp: 21242

Ion Ratio Lower Upper

252 100

253 23.9 0.0 47.8

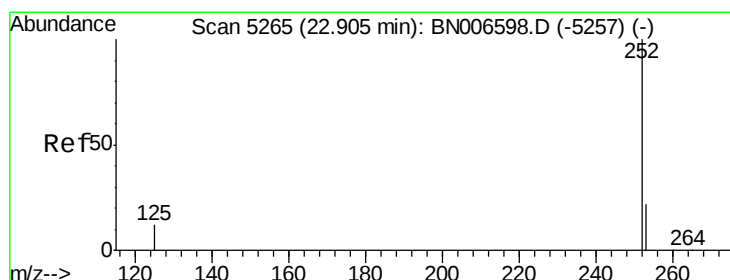
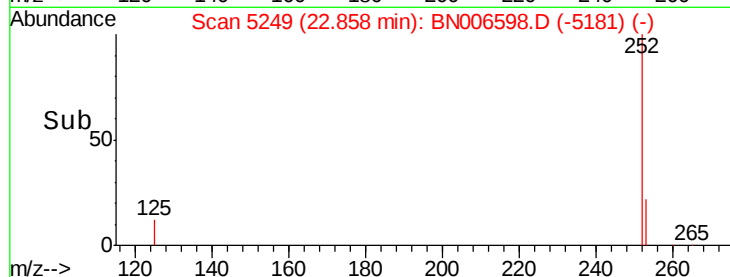
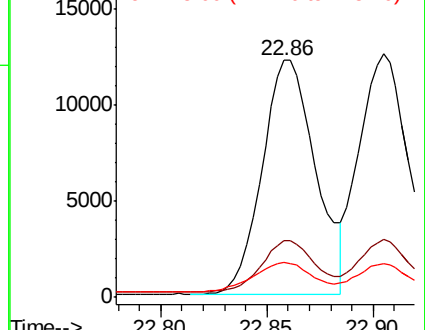
125 14.6 0.0 29.2



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



#22

Benzo(k)fluoranthene

Concen: 0.440 ng/ul

RT: 22.90 min Scan# 5265

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

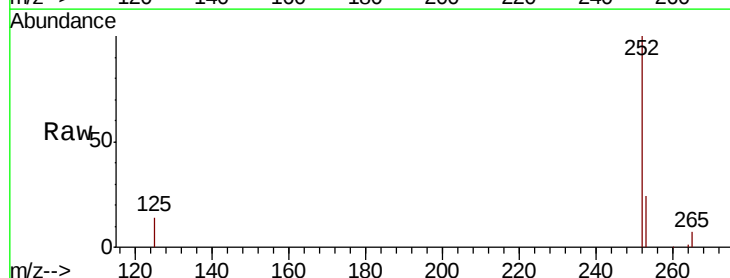
Tgt Ion:252 Resp: 21656

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

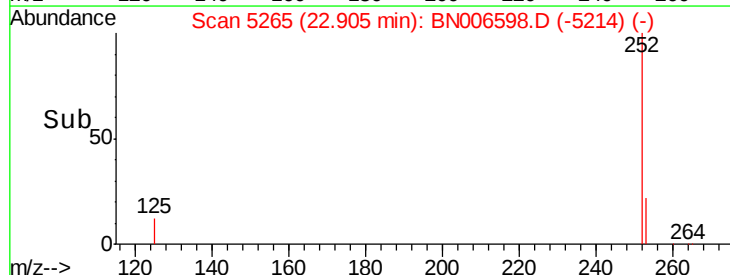
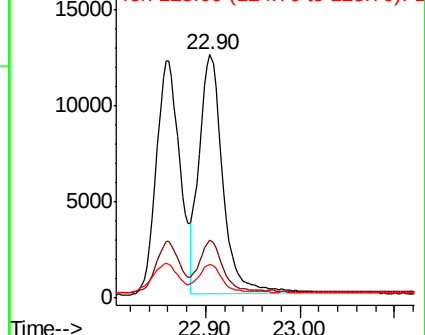
125 13.8 11.0 16.6

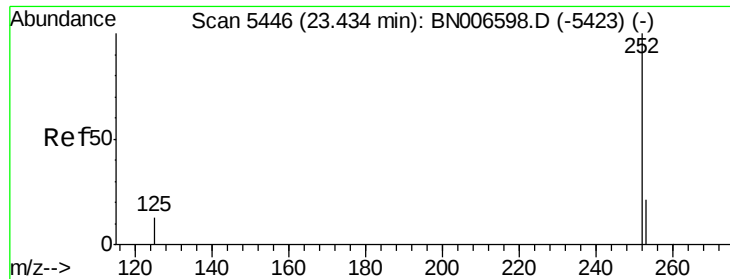


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.430 ng/ul

RT: 23.43 min Scan# 5446

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

Instrument :

BNA_N

ClientSampleId :

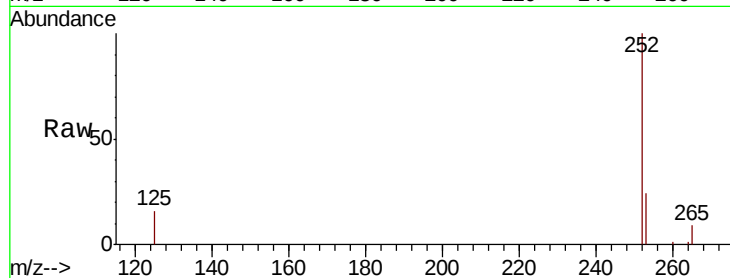
Tot Ion:252 Resp: 20241

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.2

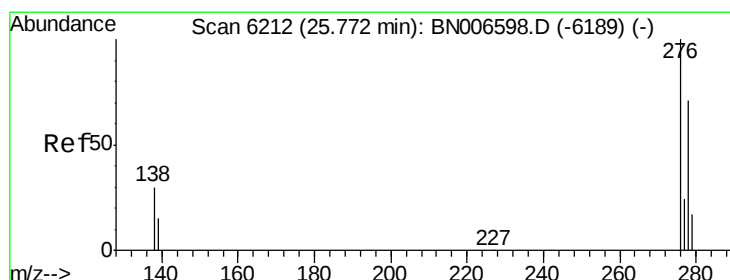
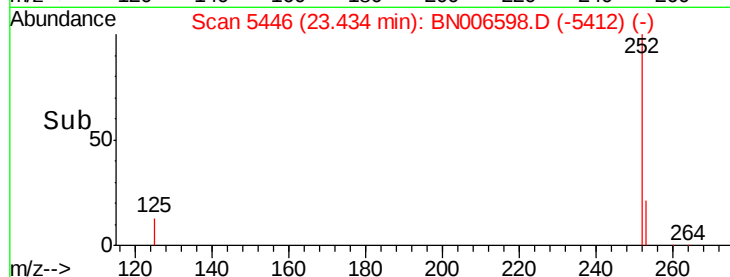
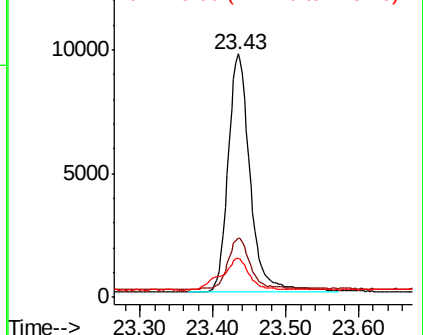
125 15.8 12.6 19.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng/ul

RT: 25.77 min Scan# 6212

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

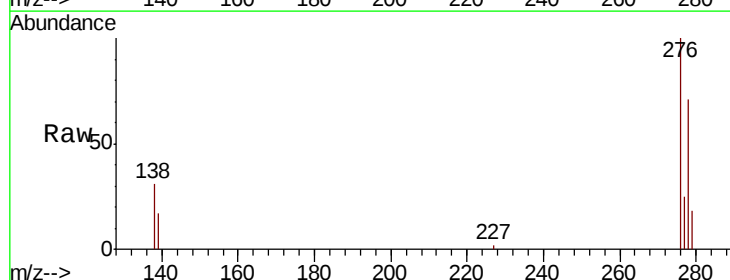
Tgt Ion:276 Resp: 20505

Ion Ratio Lower Upper

276 100

138 30.4 24.3 36.5

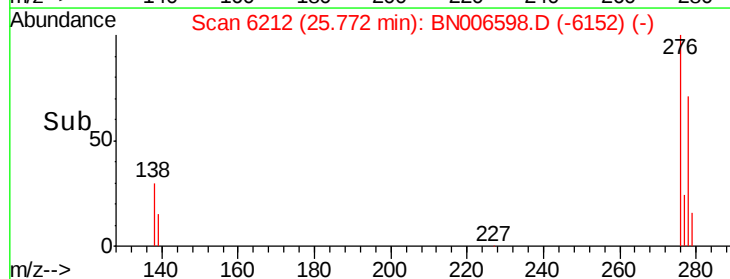
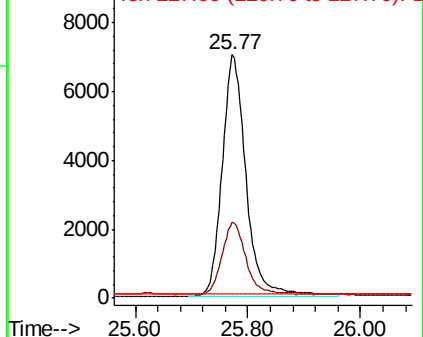
227 0.3 0.2 0.4

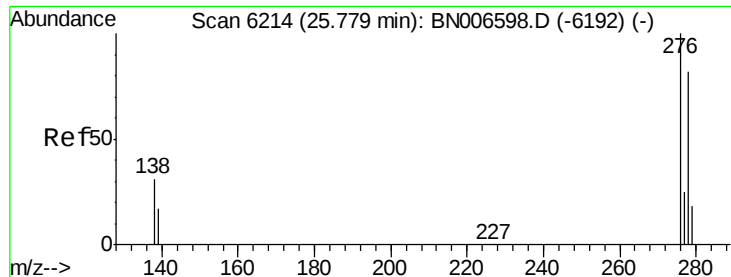


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.399 ng/ul

RT: 25.78 min Scan# 6214

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

Instrument :

BNA_N

ClientSampleId :

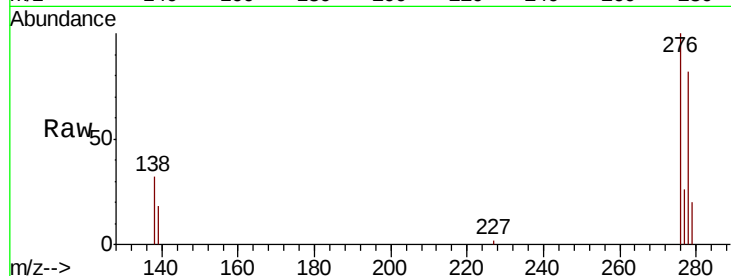
Tot Ion:278 Resp: 16232

Ion Ratio Lower Upper

278 100

139 22.6 18.1 27.1

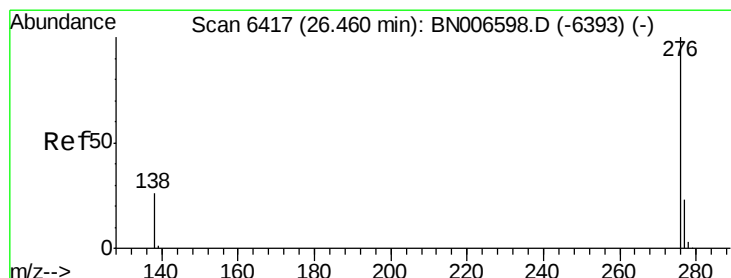
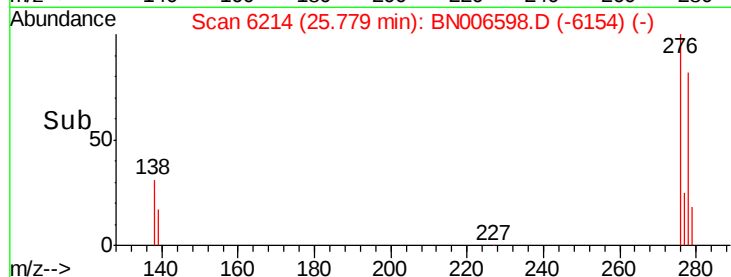
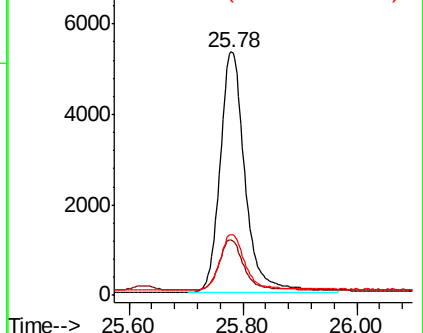
279 24.7 19.8 29.6



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: 0.404 ng/ul

RT: 26.46 min Scan# 6417

Delta R.T. 0.00 min

Lab File: BN006598.D

Acq: 27 Jun 2019 12:20

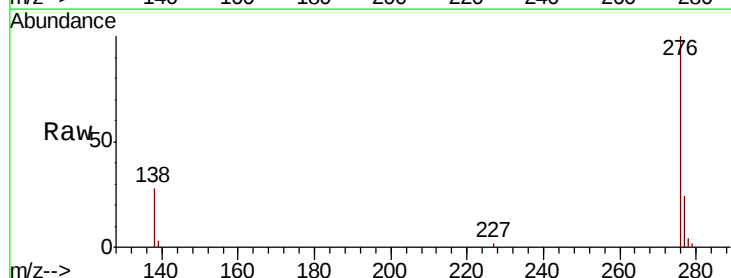
Tgt Ion:276 Resp: 17209

Ion Ratio Lower Upper

276 100

138 27.7 22.2 33.2

277 24.4 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

