

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008499.D
 Acq On : 08 Nov 2019 09:16
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 08 10:17:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration

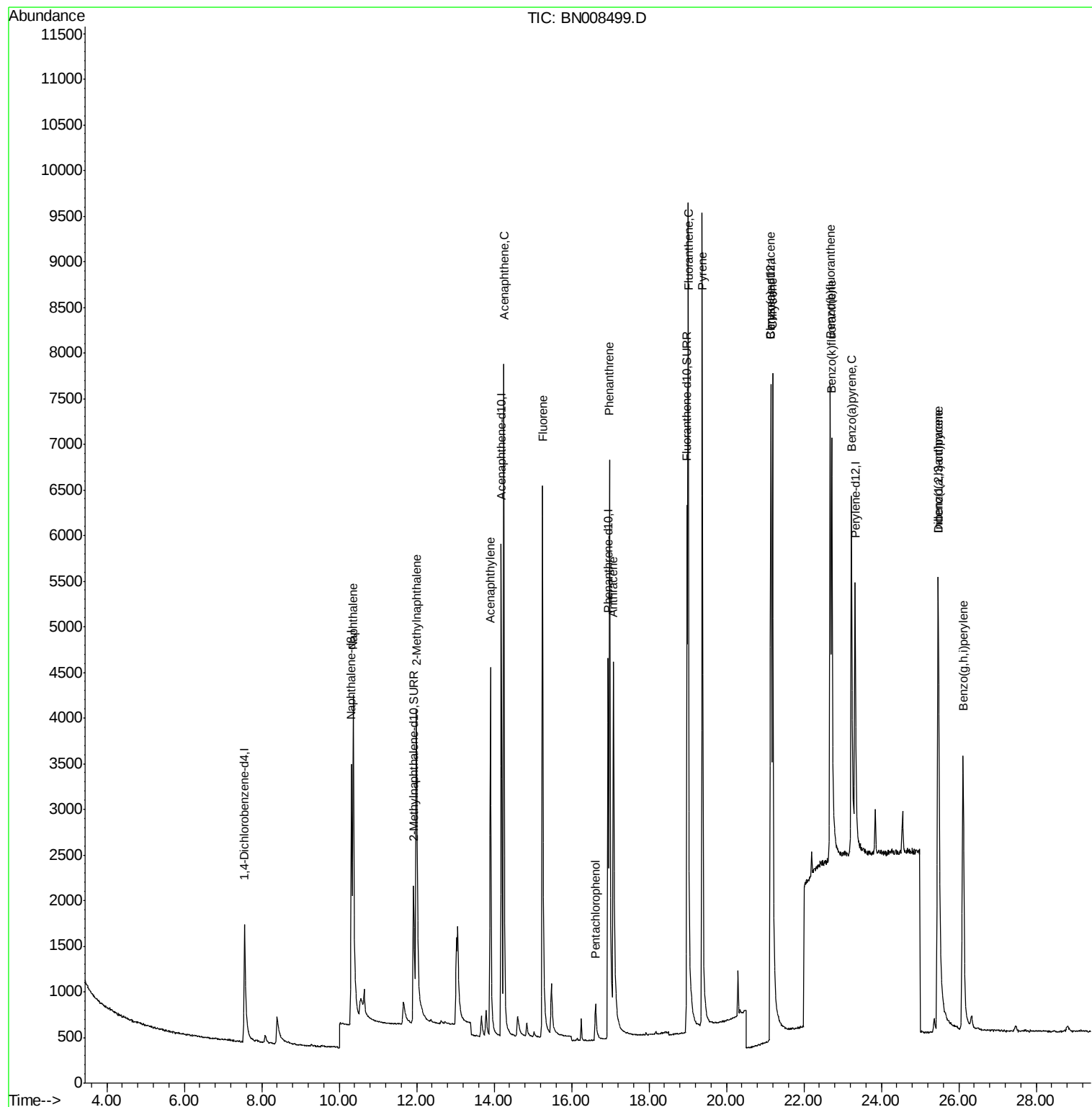
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1317	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	5776	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3456	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	6532	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	4952	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	4601	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	3511	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	8107	0.42	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.36	128	6649	0.404	ng/ul	100
5) 2-Methylnaphthalene	12.00	142	4248	0.388	ng/ul	99
7) Acenaphthylene	13.91	152	6056	0.376	ng/ul	99
8) Acenaphthene	14.25	153	5063	0.388	ng/ul	98
9) Fluorene	15.25	166	5407	0.379	ng/ul	100
11) Pentachlorophenol	16.62	266	489	0.344	ng/ul	98
12) Phenanthrene	16.98	178	8271	0.417	ng/ul	100
13) Anthracene	17.08	178	7090	0.408	ng/ul	100
15) Fluoranthene	19.01	202	9496	0.417	ng/ul	99
17) Pyrene	19.38	202	9988	0.413	ng/ul	100
18) Benzo(a)anthracene	21.14	228	6890	0.400	ng/ul	99
19) Chrysene	21.19	228	9443	0.430	ng/ul	98
21) Benzo(b)fluoranthene	22.68	252	6723	0.392	ng/ul	93
22) Benzo(k)fluoranthene	22.72	252	7990	0.410	ng/ul	100
23) Benzo(a)pyrene	23.23	252	6833	0.396	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.46	276	7798	0.397	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.47	278	6111	0.393	ng/ul	99
26) Benzo(g,h,i)perylene	26.11	276	7087	0.403	ng/ul	99

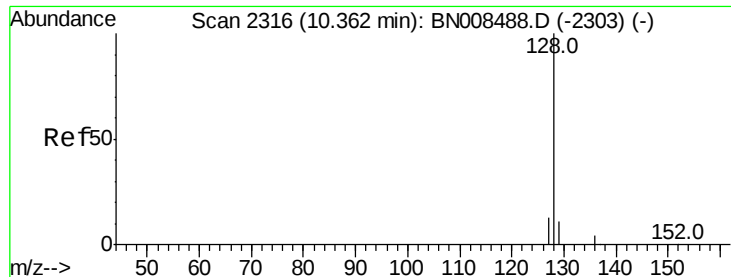
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.404 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_N

ClientSampleId :

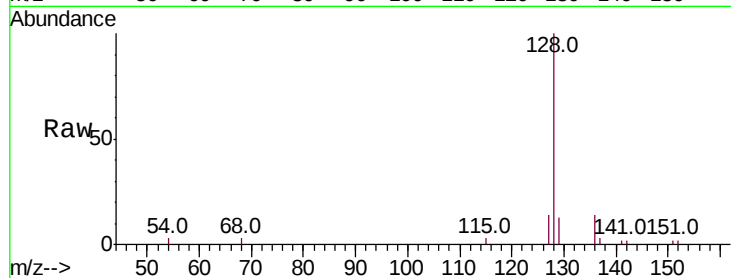
Tot Ion:128 Resp: 6649

Ion Ratio Lower Upper

128 100

129 12.7 10.0 15.0

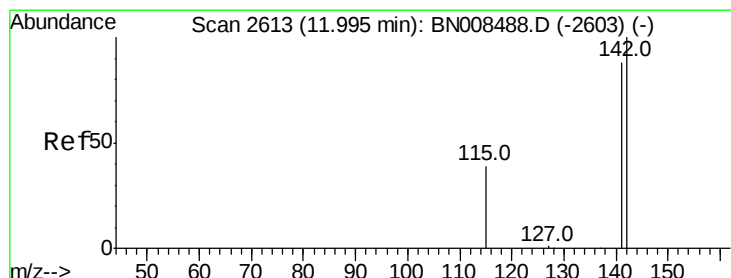
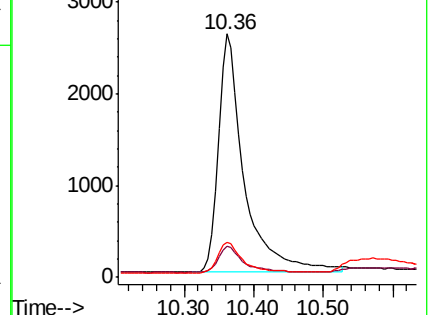
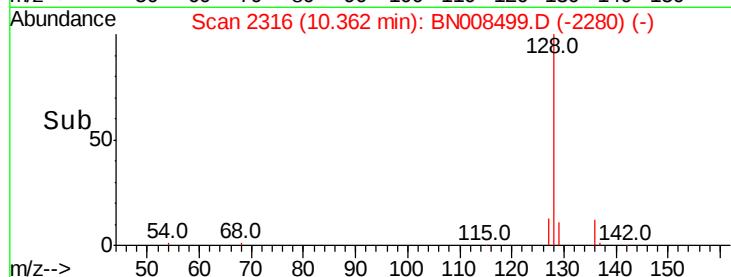
127 14.4 11.6 17.4



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: 0.388 ng/ul

RT: 12.00 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BN008499.D

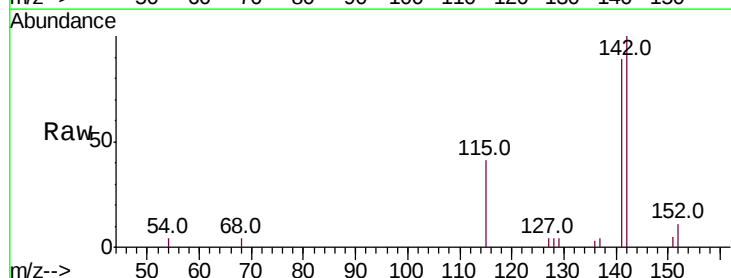
Acq: 08 Nov 2019 09:16

Tgt Ion:142 Resp: 4248

Ion Ratio Lower Upper

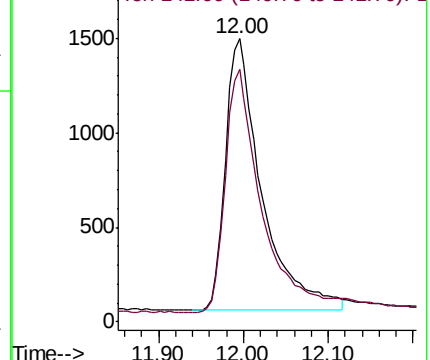
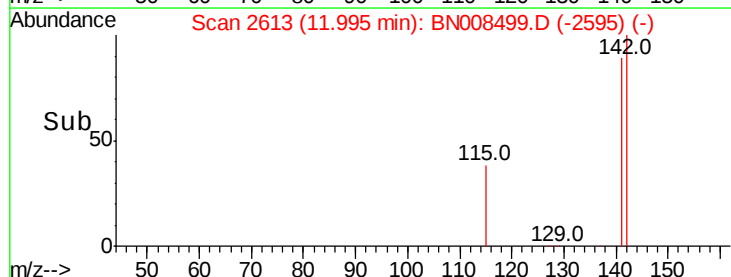
142 100

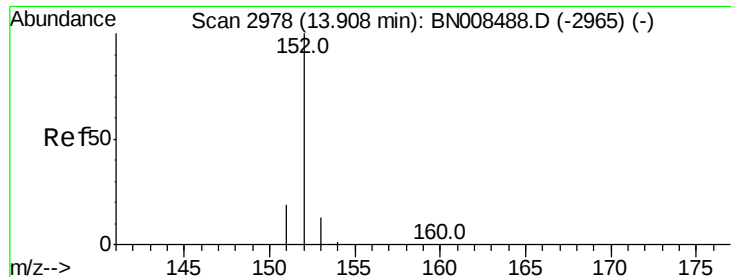
141 89.7 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.376 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. 0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_N

ClientSampleId :

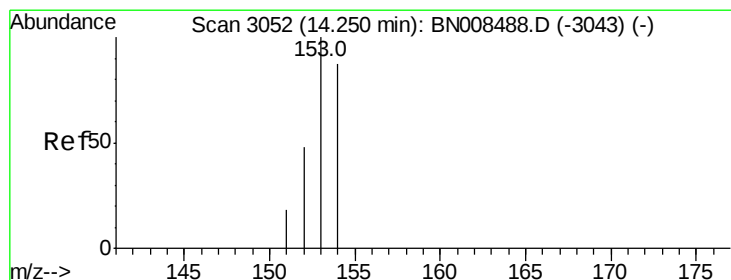
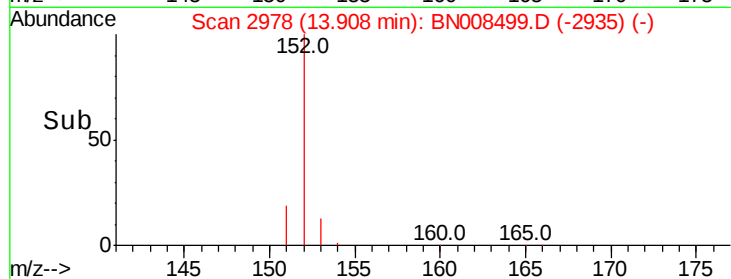
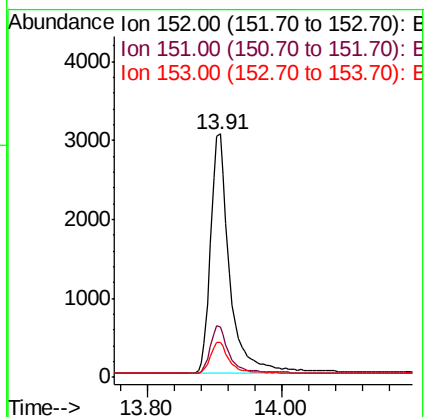
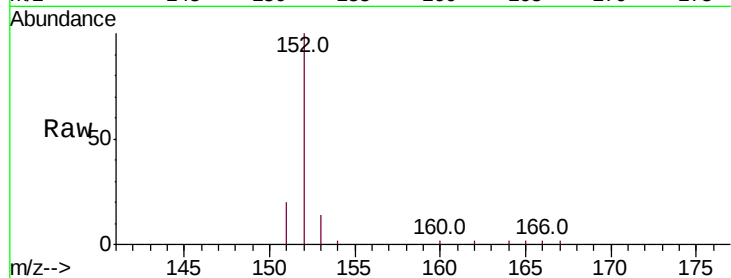
Tot Ion:152 Resp: 6056

Ion Ratio Lower Upper

152 100

151 20.4 16.7 25.1

153 14.5 11.4 17.2



#8

Acenaphthene

Concen: 0.388 ng/ul

RT: 14.25 min Scan# 3052

Delta R.T. 0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

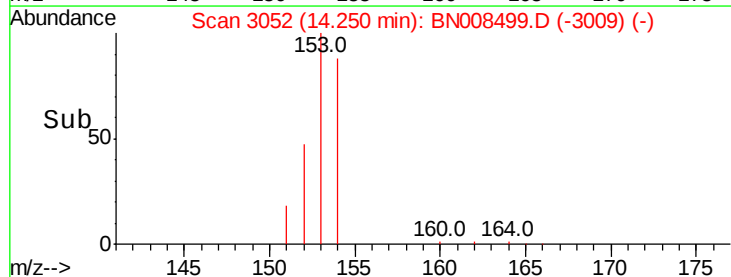
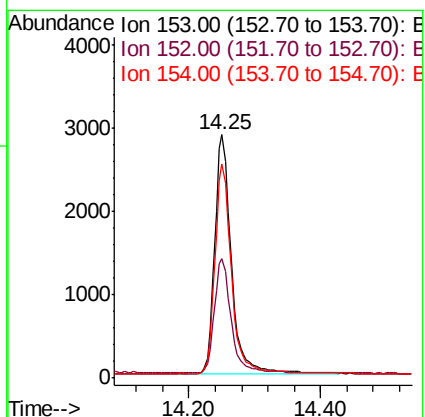
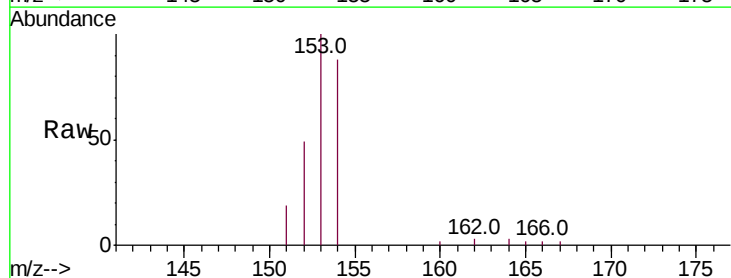
Tgt Ion:153 Resp: 5063

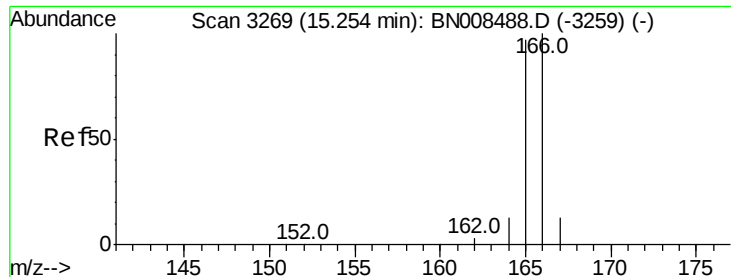
Ion Ratio Lower Upper

153 100

152 49.0 39.8 59.8

154 87.8 71.6 107.4





#9

Fluorene

Concen: 0.379 ng/ul

RT: 15.25 min Scan# 3268

Delta R.T. -0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_N

ClientSampleId :

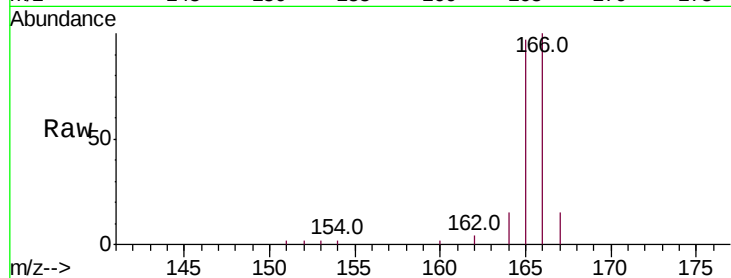
Tot Ion:166 Resp: 5407

Ion Ratio Lower Upper

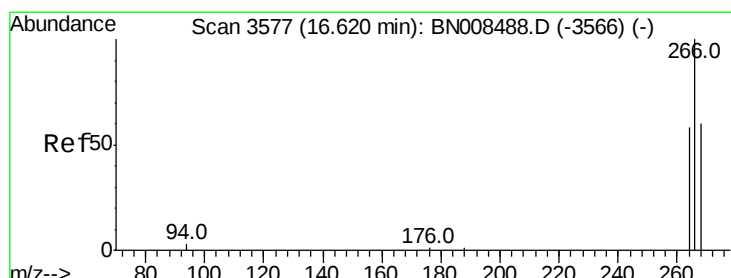
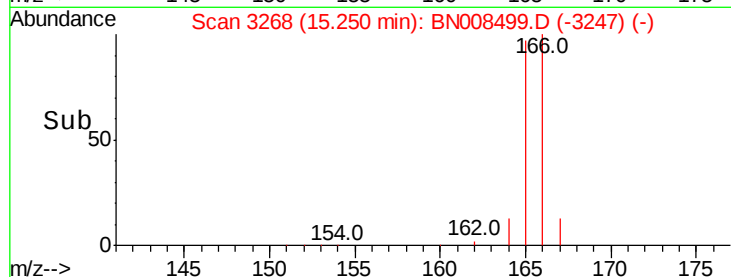
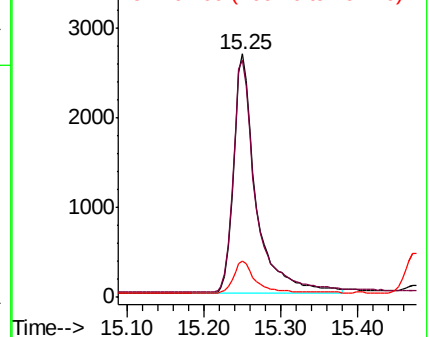
166 100

165 97.5 78.2 117.2

167 14.6 12.1 18.1



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: 0.344 ng/ul

RT: 16.62 min Scan# 3576

Delta R.T. -0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

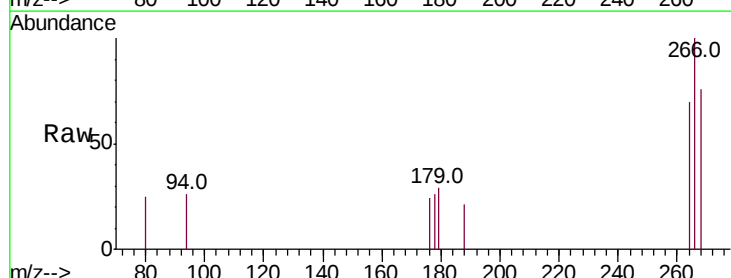
Tgt Ion:266 Resp: 489

Ion Ratio Lower Upper

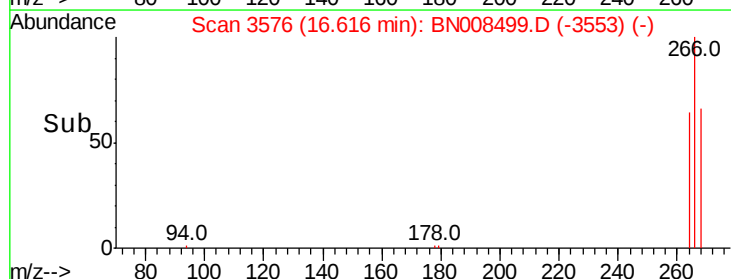
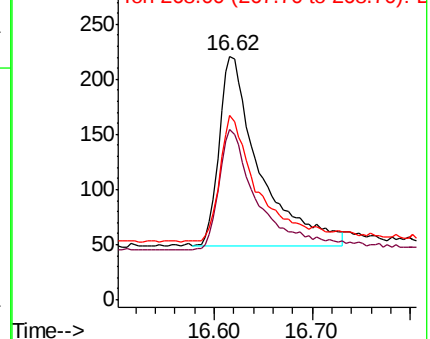
266 100

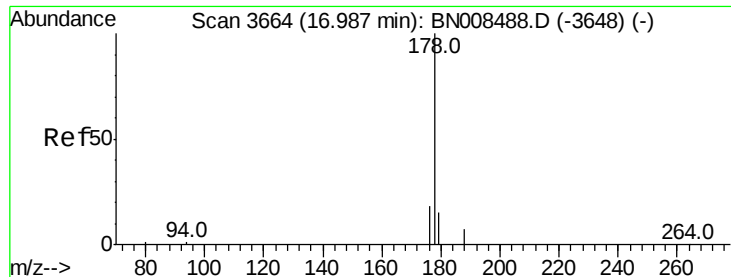
264 63.0 49.8 74.8

268 66.1 51.0 76.6



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: 0.417 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_N

ClientSampleId :

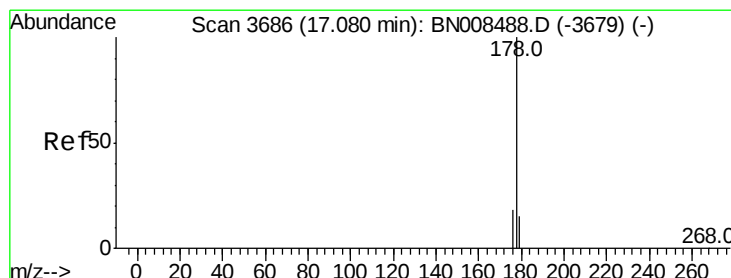
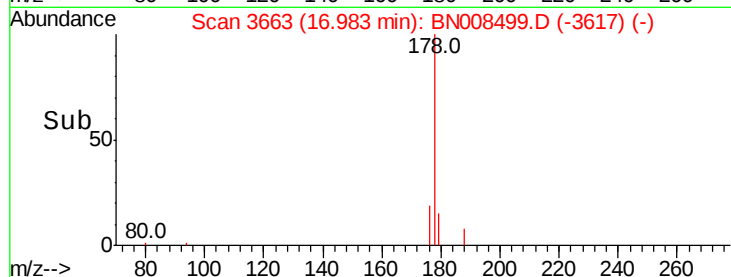
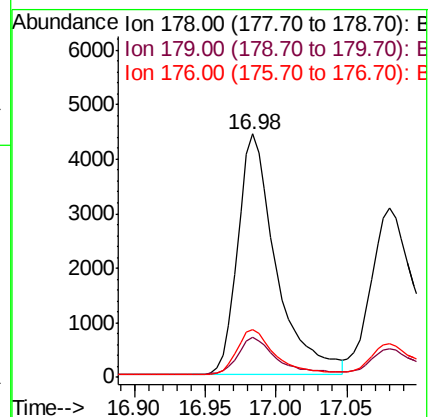
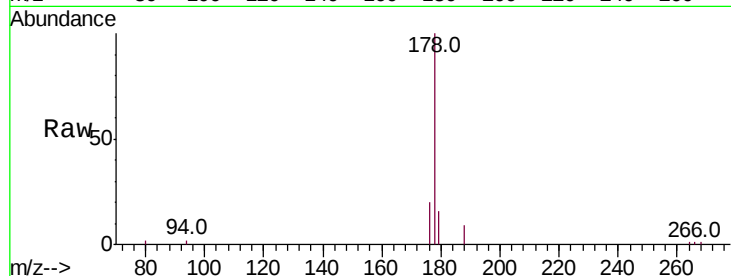
Tot Ion:178 Resp: 8271

Ion Ratio Lower Upper

178 100

179 16.4 13.2 19.8

176 19.7 15.6 23.4



#13

Anthracene

Concen: 0.408 ng/ul

RT: 17.08 min Scan# 3686

Delta R.T. 0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

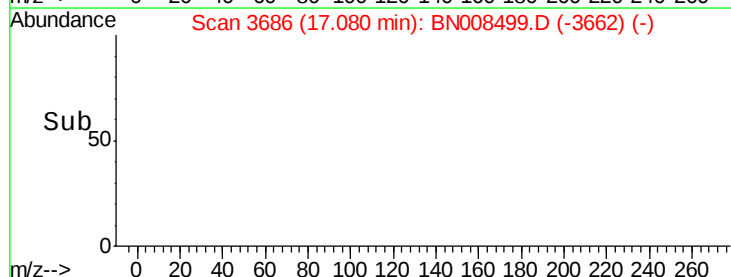
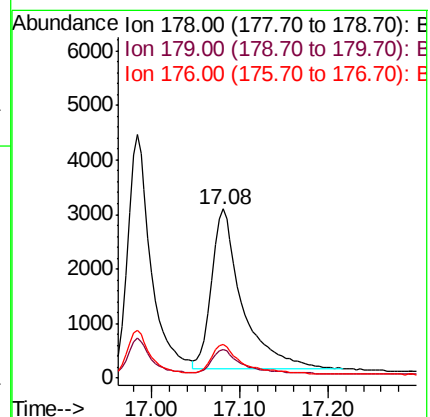
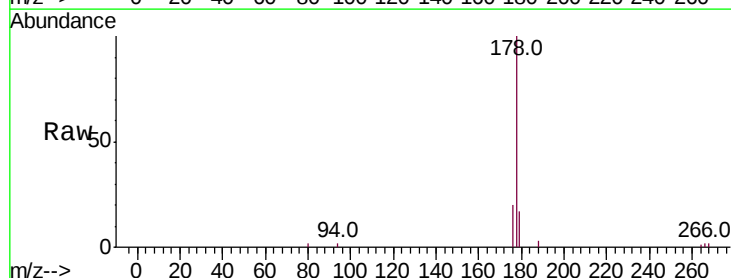
Tgt Ion:178 Resp: 7090

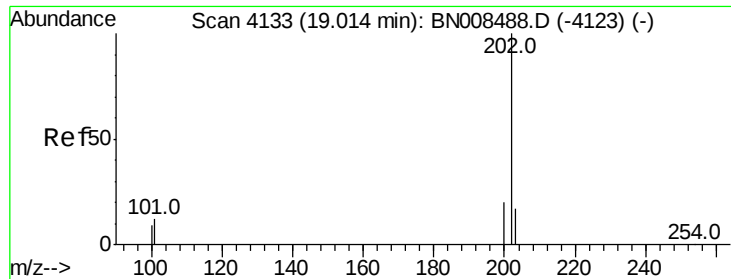
Ion Ratio Lower Upper

178 100

179 17.0 13.7 20.5

176 19.7 15.7 23.5





#15

Fluoranthene

Concen: 0.417 ng/ul

RT: 19.01 min Scan# 4132

Delta R.T. -0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_N

ClientSampleId :

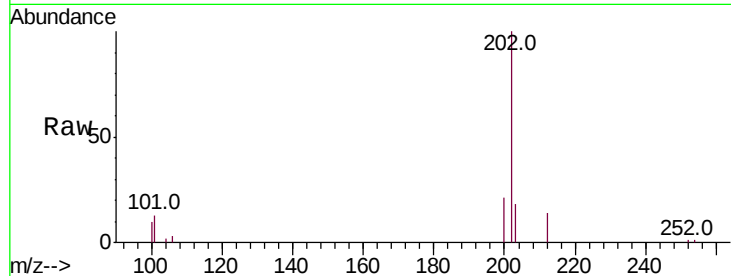
Tot Ion:202 Resp: 9496

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.0

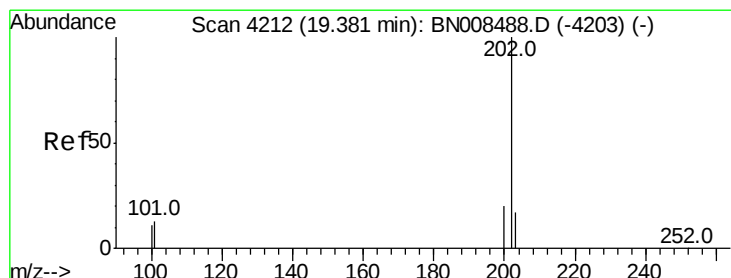
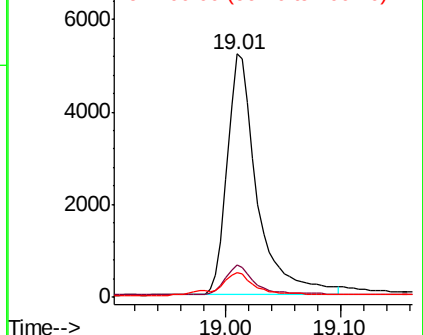
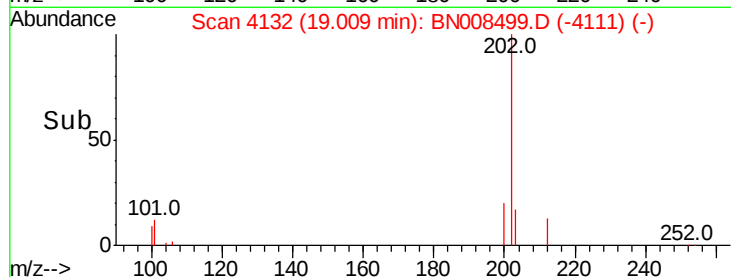
100 10.3 0.0 30.2



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



#17

Pyrene

Concen: 0.413 ng/ul

RT: 19.38 min Scan# 4211

Delta R.T. -0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

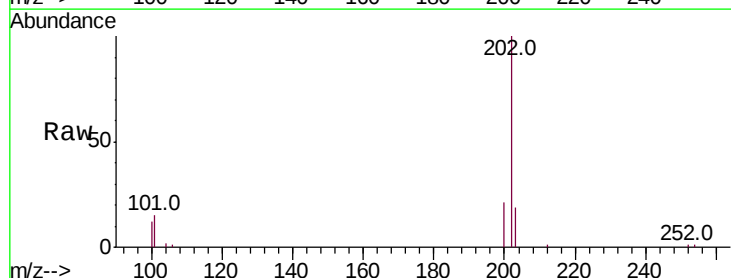
Tgt Ion:202 Resp: 9988

Ion Ratio Lower Upper

202 100

101 14.5 11.6 17.4

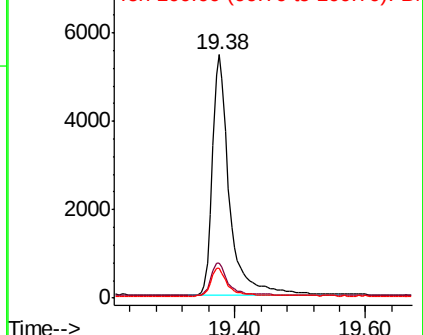
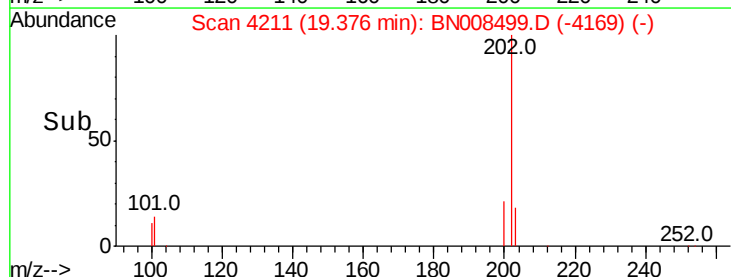
100 12.1 9.4 14.0

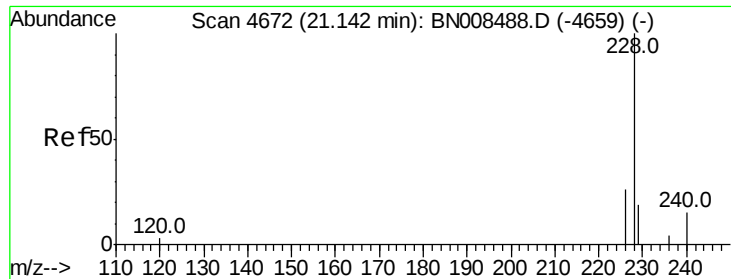


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.400 ng/ul

RT: 21.14 min Scan# 4670

Delta R.T. -0.01 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_N

ClientSampleId :

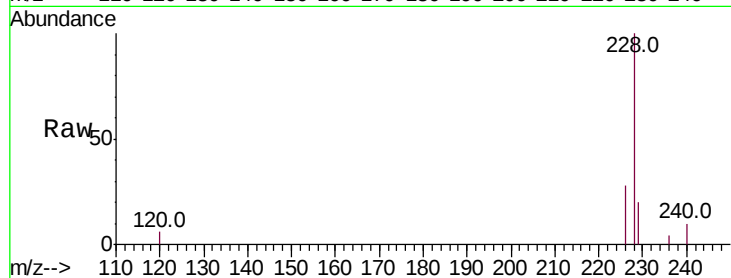
Tot Ion:228 Resp: 6890

Ion Ratio Lower Upper

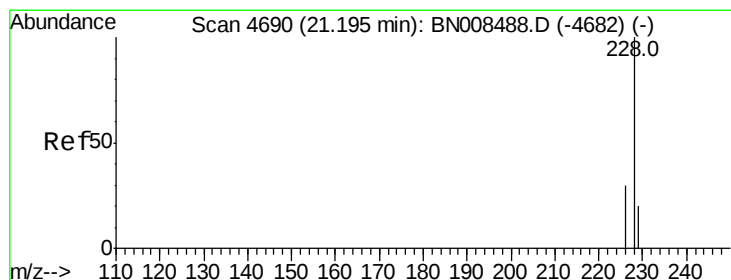
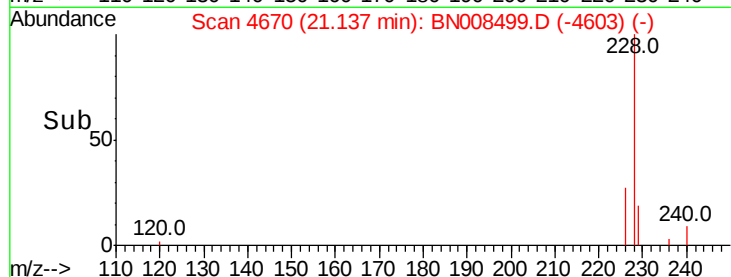
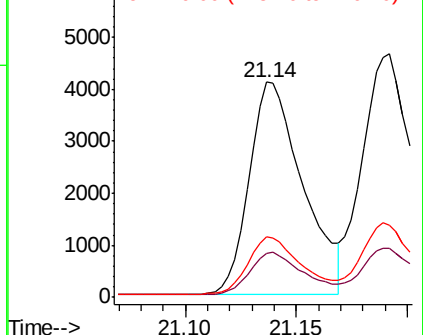
228 100

229 20.3 16.6 24.8

226 27.9 22.8 34.2



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: 0.430 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

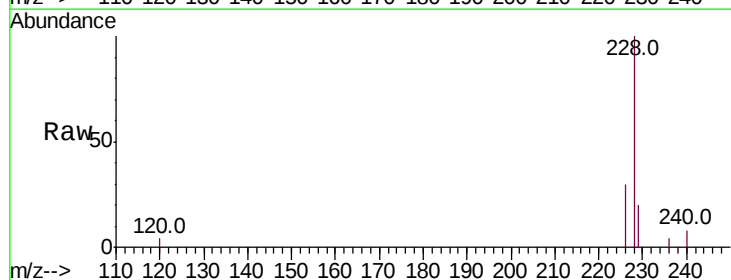
Tgt Ion:228 Resp: 9443

Ion Ratio Lower Upper

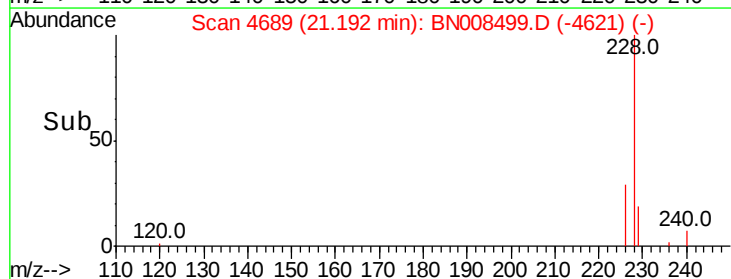
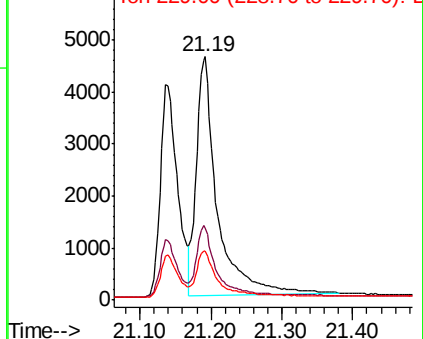
228 100

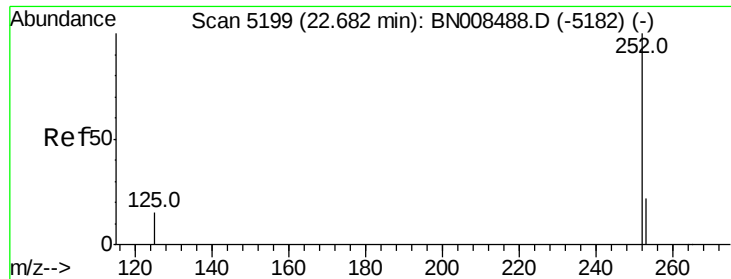
226 29.9 24.9 37.3

229 20.1 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: 0.392 ng/u1

RT: 22.68 min Scan# 5197

Delta R.T. -0.01 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_N

ClientSampleId :

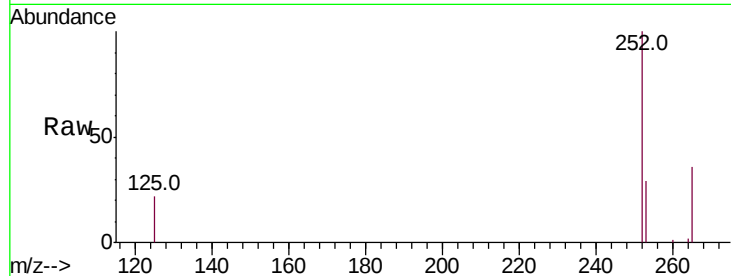
Tot Ion:252 Resp: 6723

Ion Ratio Lower Upper

252 100

253 28.7 0.0 58.4

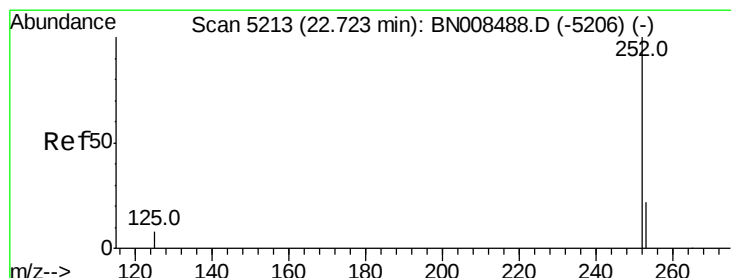
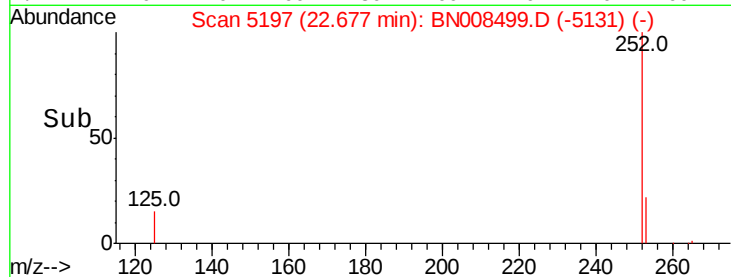
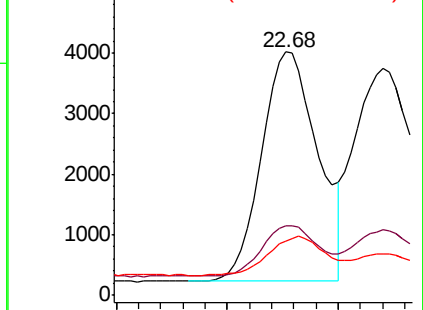
125 22.4 0.0 58.6



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



#22

Benzo(k)fluoranthene

Concen: 0.410 ng/u1

RT: 22.72 min Scan# 5212

Delta R.T. -0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

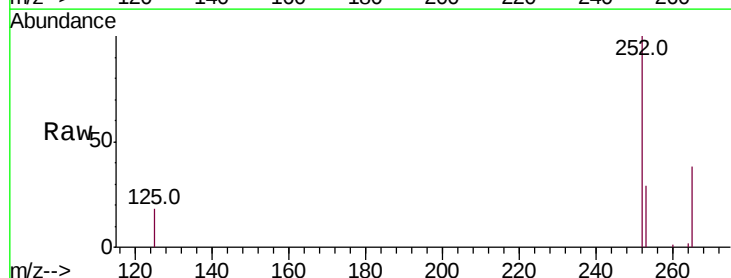
Tgt Ion:252 Resp: 7990

Ion Ratio Lower Upper

252 100

253 28.6 22.6 34.0

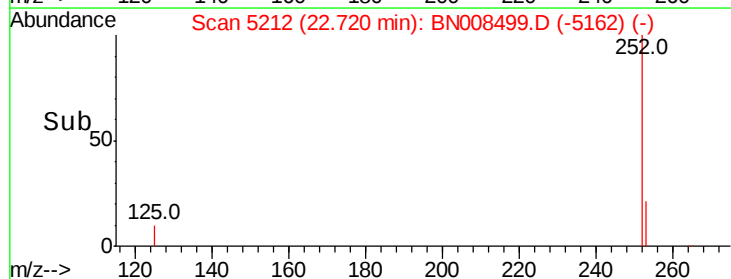
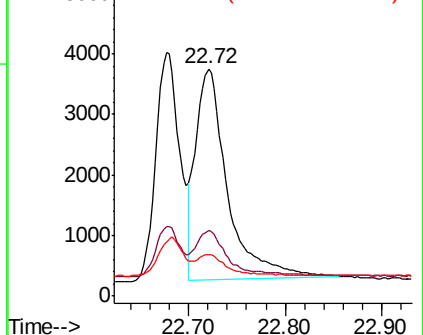
125 18.4 14.7 22.1

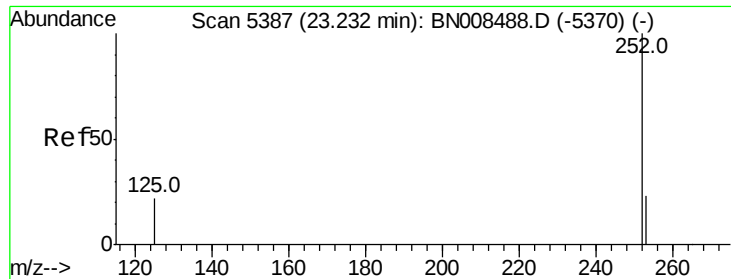


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.23 min Scan# 5385

Delta R.T. -0.01 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_N

ClientSampleId :

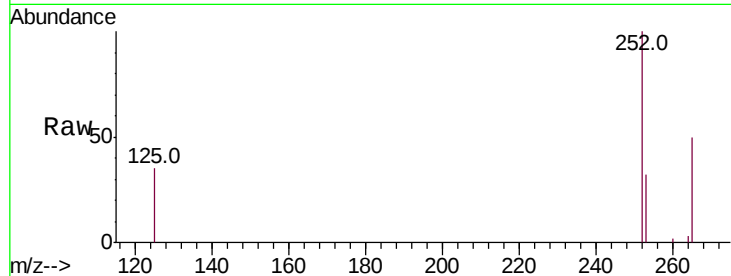
Tot Ion:252 Resp: 6833

Ion Ratio Lower Upper

252 100

253 32.3 27.2 40.8

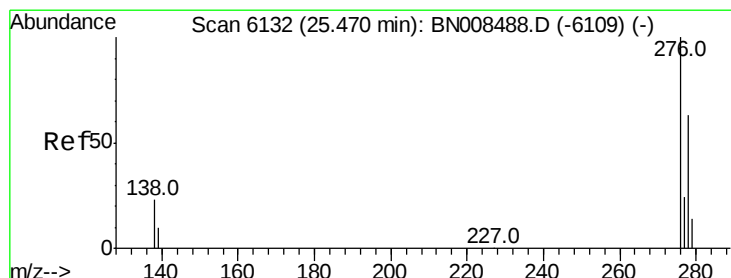
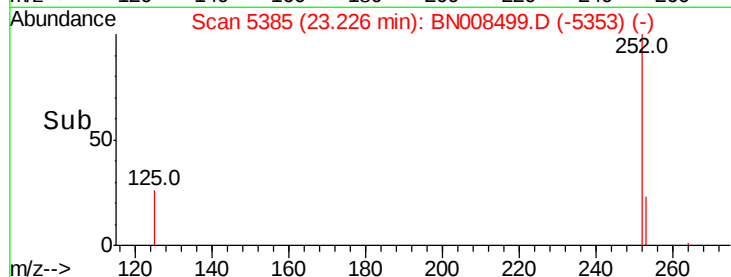
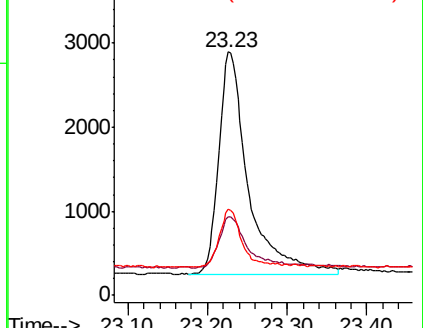
125 35.1 37.0 55.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.397 ng/ul

RT: 25.46 min Scan# 6130

Delta R.T. -0.01 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

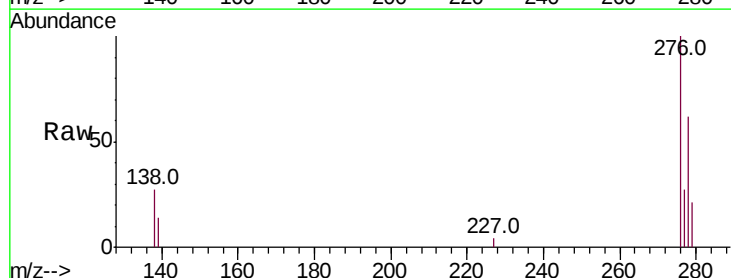
Tgt Ion:276 Resp: 7798

Ion Ratio Lower Upper

276 100

138 23.6 18.3 27.5

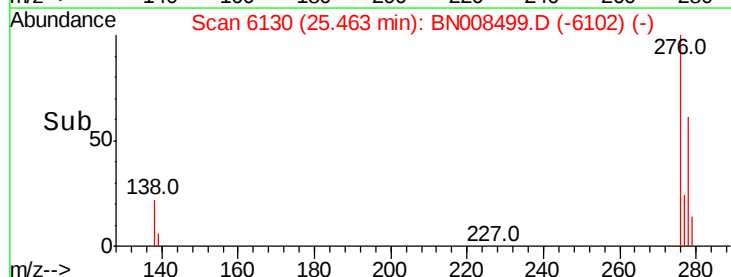
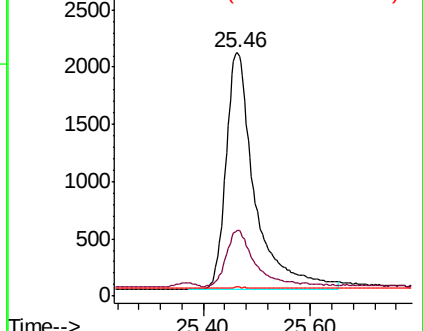
227 0.1 0.0 0.0#

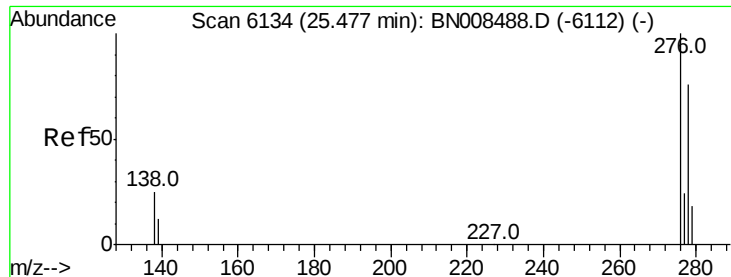


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.393 ng/ul

RT: 25.47 min Scan# 6133

Delta R.T. -0.00 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_N

ClientSampleId :

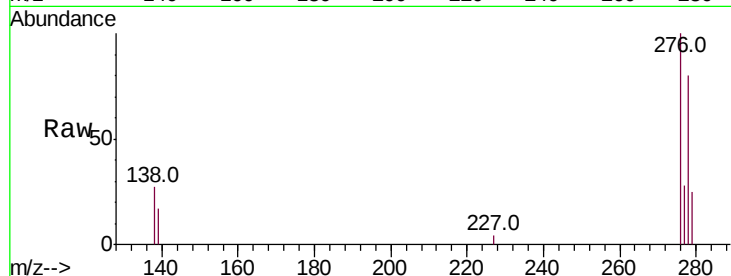
Tot Ion:278 Resp: 6111

Ion Ratio Lower Upper

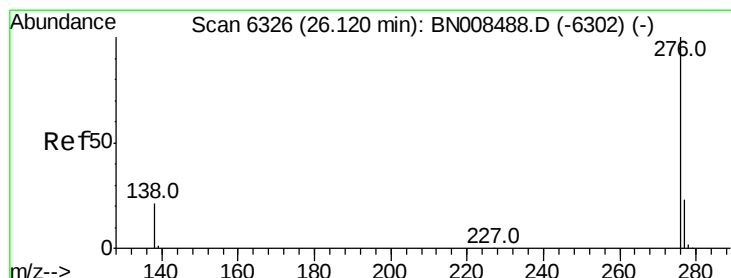
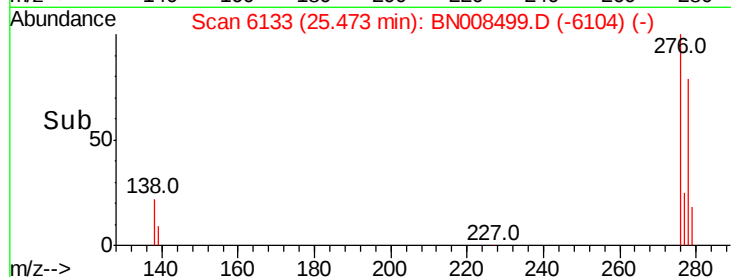
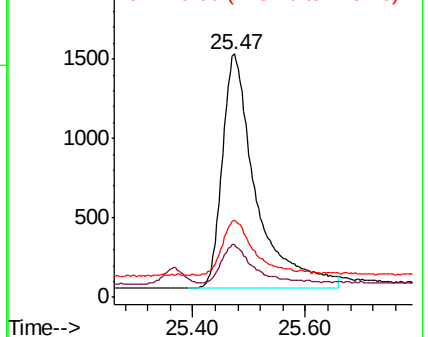
278 100

139 21.9 17.6 26.4

279 31.8 25.1 37.7



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: 0.403 ng/ul

RT: 26.11 min Scan# 6323

Delta R.T. -0.01 min

Lab File: BN008499.D

Acq: 08 Nov 2019 09:16

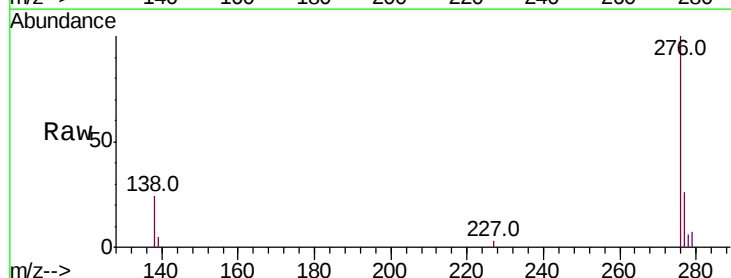
Tgt Ion:276 Resp: 7087

Ion Ratio Lower Upper

276 100

138 24.4 20.1 30.1

277 26.3 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

