

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
 Data File : BN006812.D
 Acq On : 11 Jul 2019 23:27
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 03:53:25 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 Jul 11 02:31:55 2019
 Response via : Initial Calibration

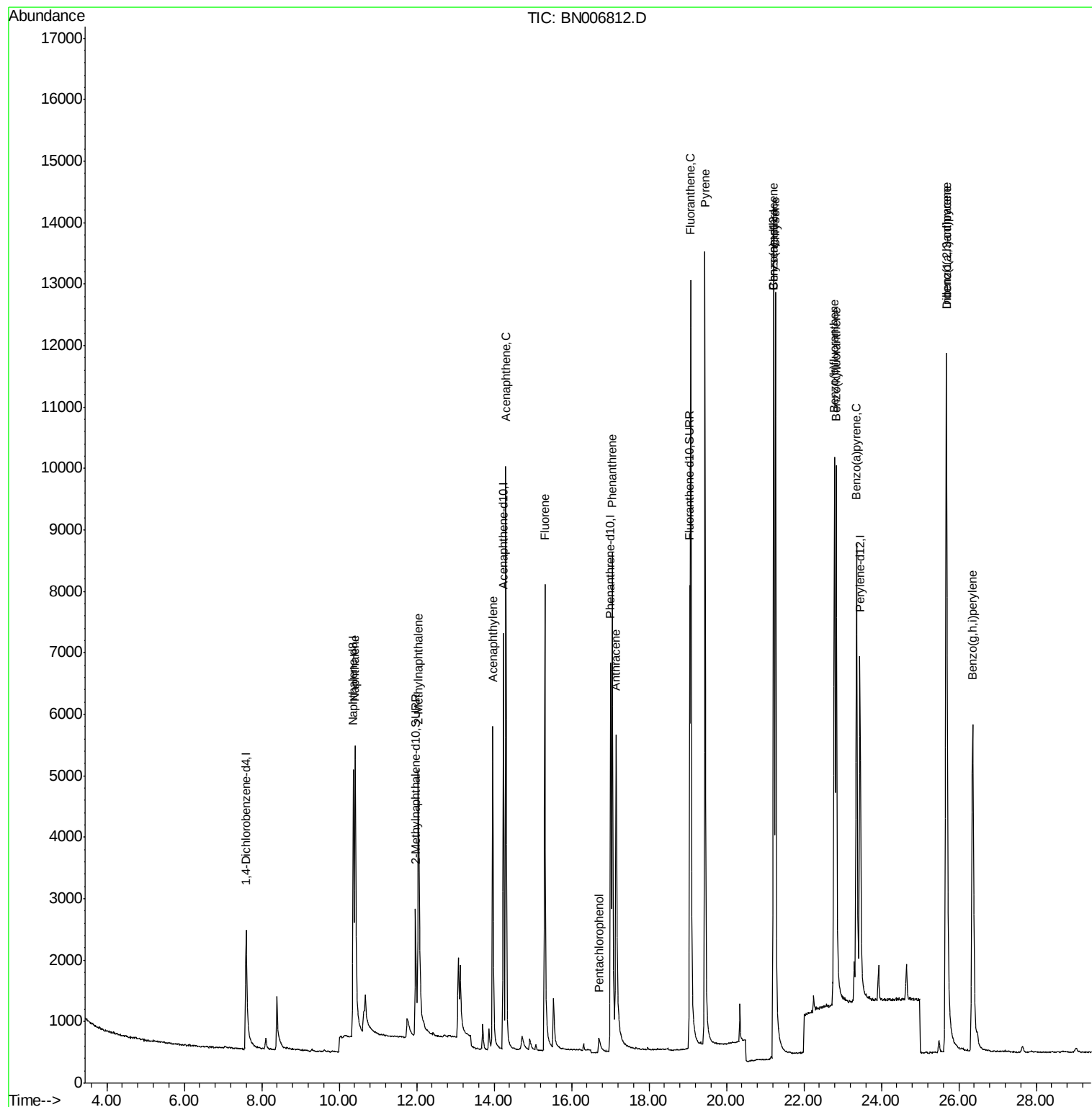
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2130	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	7866	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	4224	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9309	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	7875	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	8880	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4554	0.38	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	10195	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	8814	0.390	ng/ul	96
5) 2-Methylnaphthalene	12.05	142	5499	0.360	ng/ul	98
7) Acenaphthylene	13.96	152	7919	0.363	ng/ul	99
8) Acenaphthene	14.31	153	6332	0.377	ng/ul	98
9) Fluorene	15.31	166	6743	0.366	ng/ul	99
11) Pentachlorophenol	16.71	266	491	0.354	ng/ul	93
12) Phenanthrene	17.05	178	11029	0.368	ng/ul	100
13) Anthracene	17.15	178	8893	0.344	ng/ul	99
15) Fluoranthene	19.08	202	13140	0.355	ng/ul	99
17) Pyrene	19.45	202	13907	0.386	ng/ul	99
18) Benzo(a)anthracene	21.21	228	11229	0.347	ng/ul	99
19) Chrysene	21.27	228	14339	0.397	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	13002	0.357	ng/ul	96
22) Benzo(k)fluoranthene	22.84	252	14147	0.371	ng/ul	98
23) Benzo(a)pyrene	23.36	252	12866	0.361	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.68	276	15086	0.418	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.68	278	11895	0.415	ng/ul	96
26) Benzo(g,h,i)perylene	26.36	276	13227	0.438	ng/ul	96

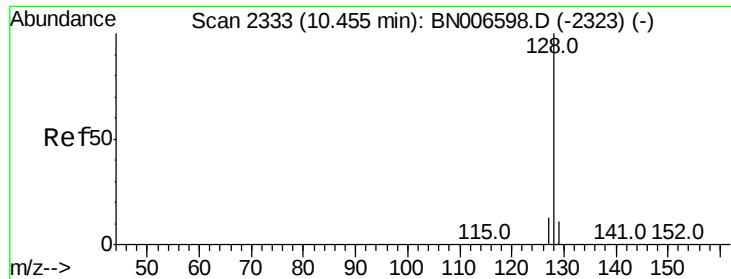
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006812.D
Acq On : 11 Jul 2019 23:27
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 12 03:53:25 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 Jul 11 02:31:55 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.390 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

Instrument :

BNA_N

ClientSampleId :

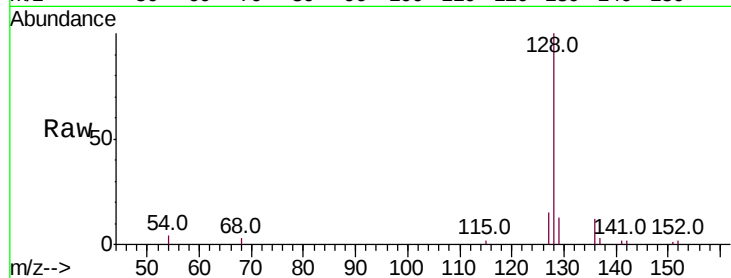
Tot Ion:128 Resp: 8814

Ion Ratio Lower Upper

128 100

129 13.0 9.4 14.0

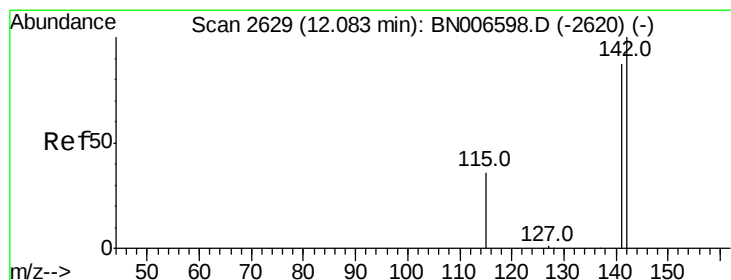
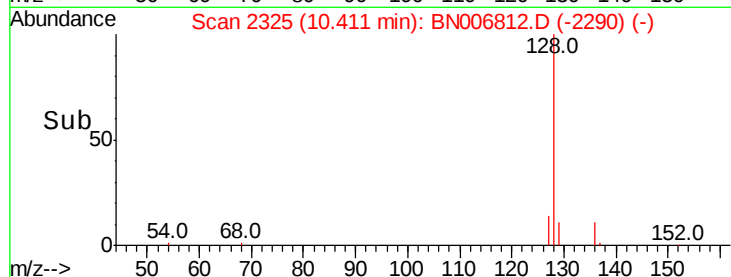
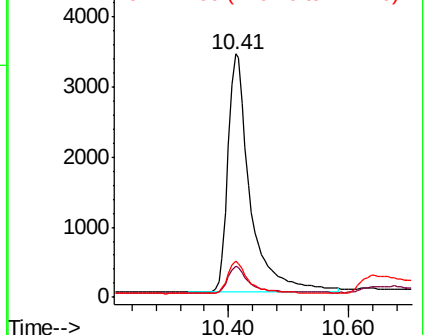
127 14.8 10.6 16.0



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: 0.360 ng/ul

RT: 12.05 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BN006812.D

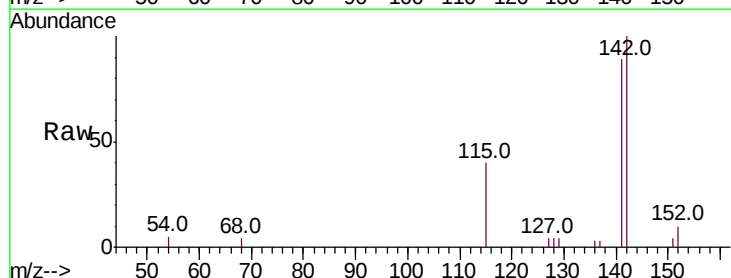
Acq: 11 Jul 2019 23:27

Tgt Ion:142 Resp: 5499

Ion Ratio Lower Upper

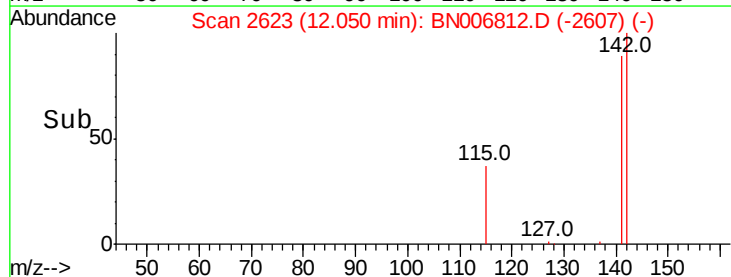
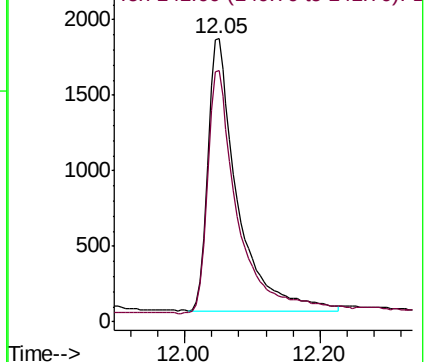
142 100

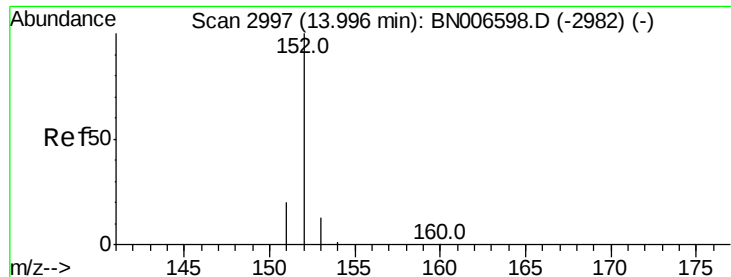
141 91.2 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.363 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

Instrument :

BNA_N

ClientSampled :

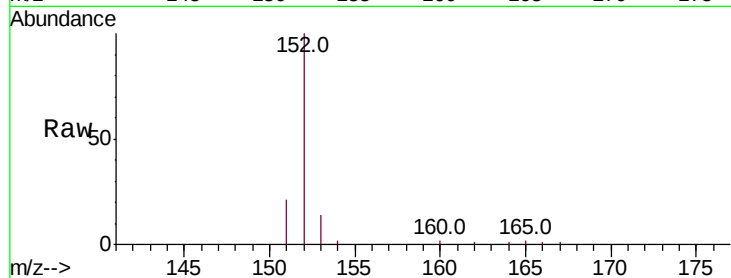
Tot Ion:152 Resp: 7919

Ion Ratio Lower Upper

152 100

151 20.8 16.1 24.1

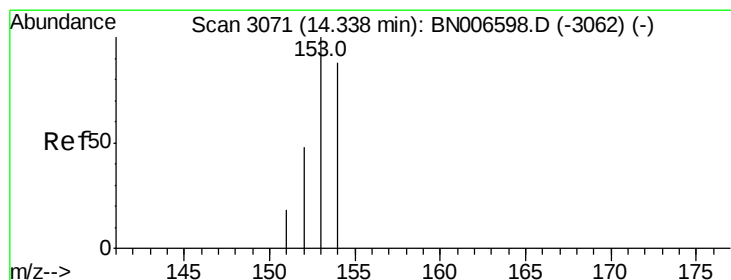
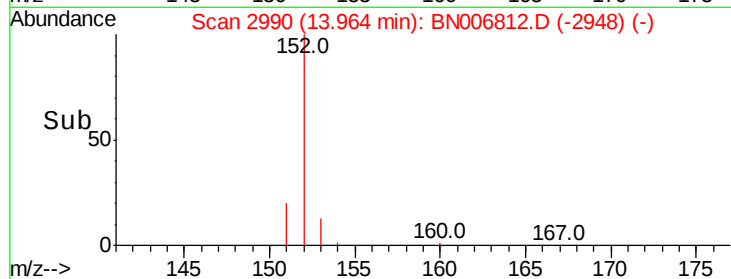
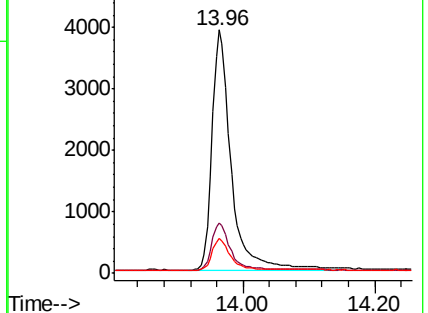
153 14.5 11.2 16.8



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



#8

Acenaphthene

Concen: 0.377 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

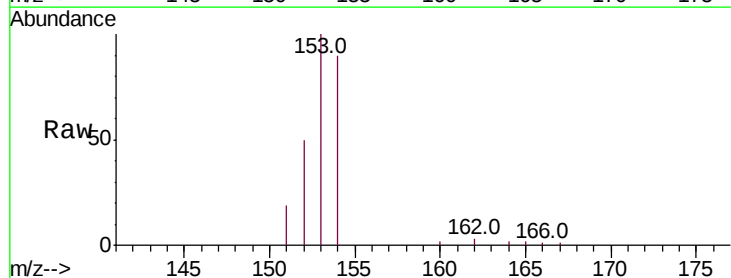
Tgt Ion:153 Resp: 6332

Ion Ratio Lower Upper

153 100

152 50.4 39.3 58.9

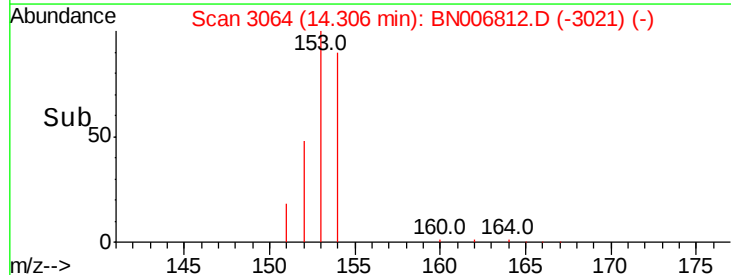
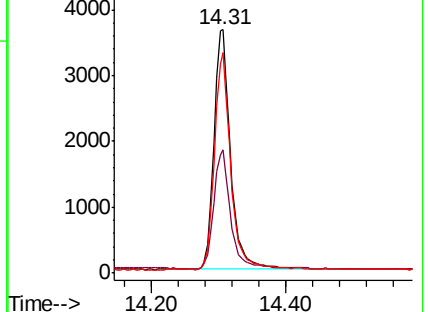
154 90.5 70.6 105.8

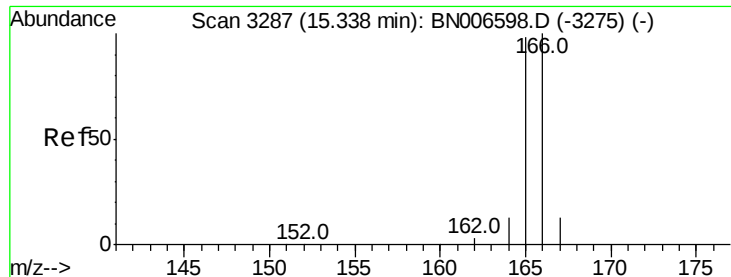


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.366 ng/ul

RT: 15.31 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

Instrument :

BNA_N

ClientSampleId :

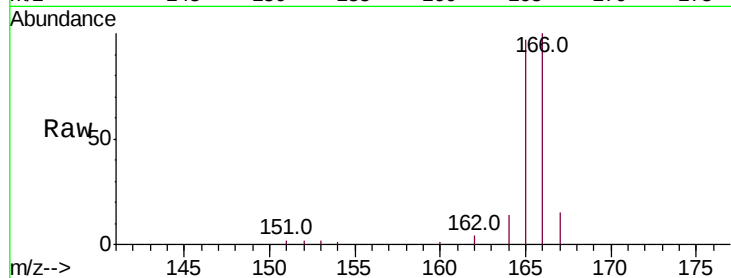
Tot Ion:166 Resp: 6743

Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.4

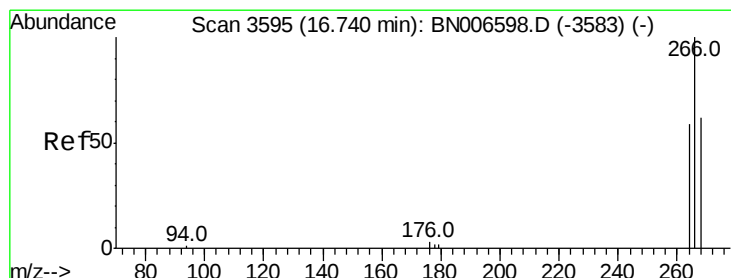
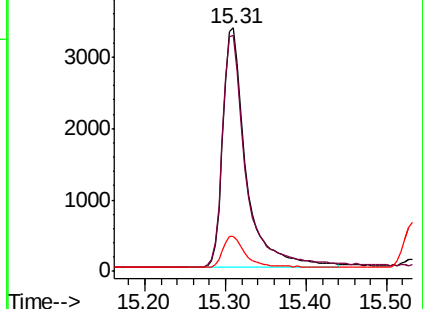
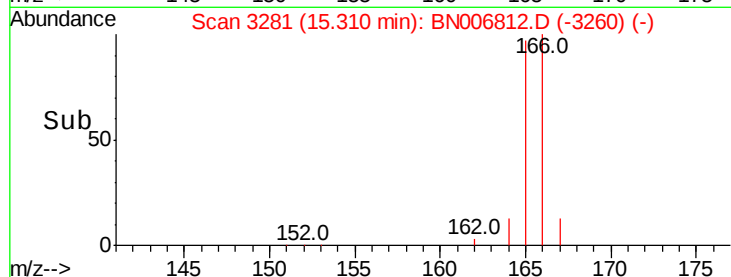
167 14.5 11.3 16.9



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: 0.354 ng/ul

RT: 16.71 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

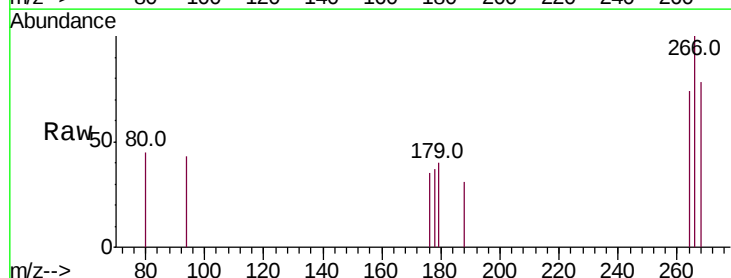
Tgt Ion:266 Resp: 491

Ion Ratio Lower Upper

266 100

264 64.2 45.9 68.9

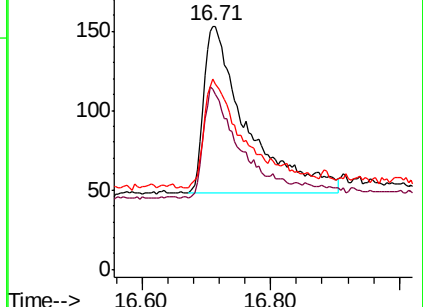
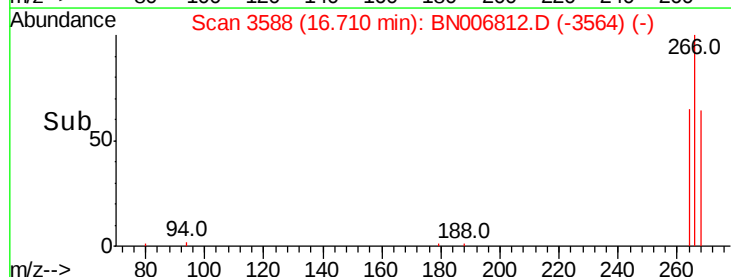
268 64.4 48.1 72.1

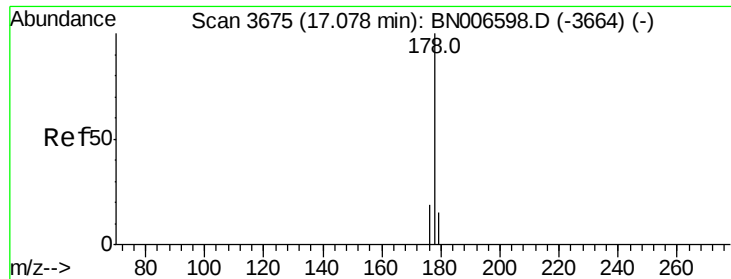


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.368 ng/ul

RT: 17.05 min Scan# 3669

Delta R.T. -0.00 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

Instrument :

BNA_N

ClientSampleId :

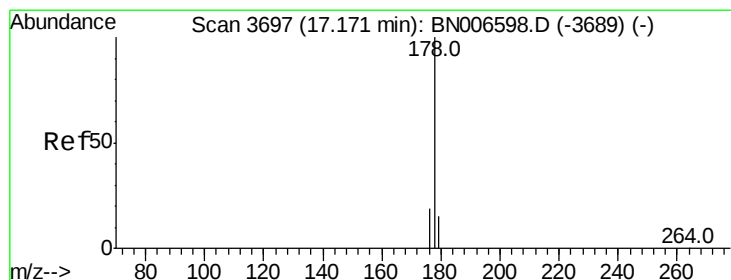
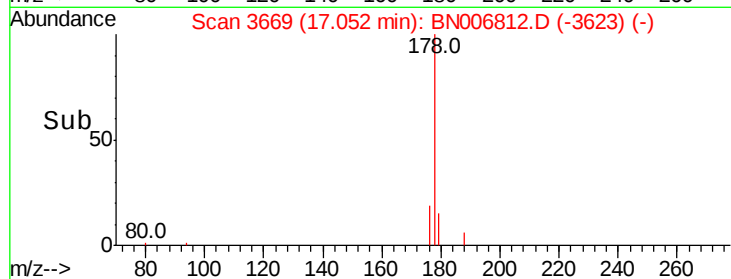
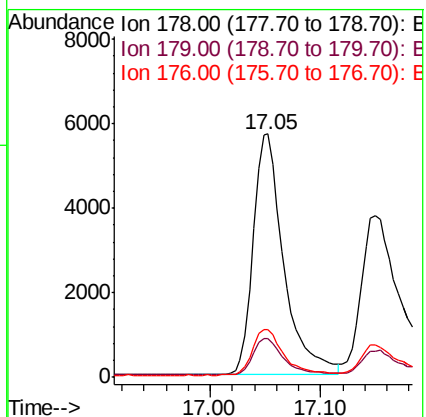
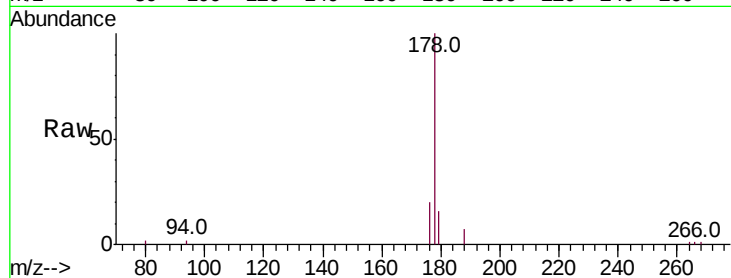
Tot Ion:178 Resp: 11029

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.8 15.8 23.8



#13

Anthracene

Concen: 0.344 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

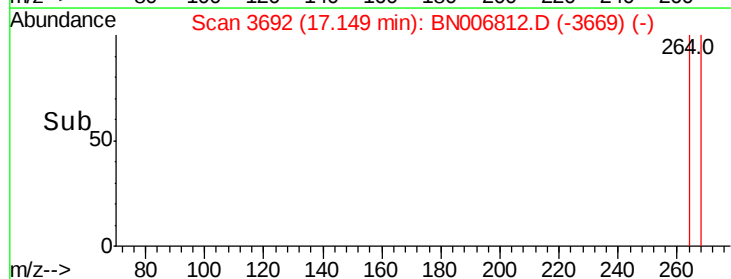
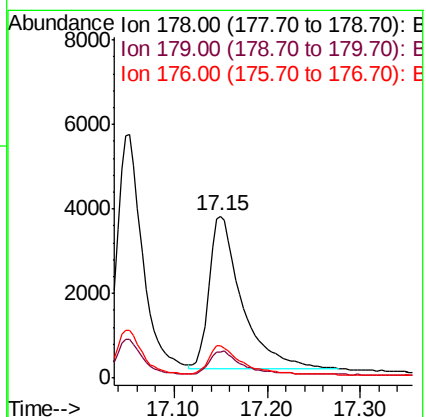
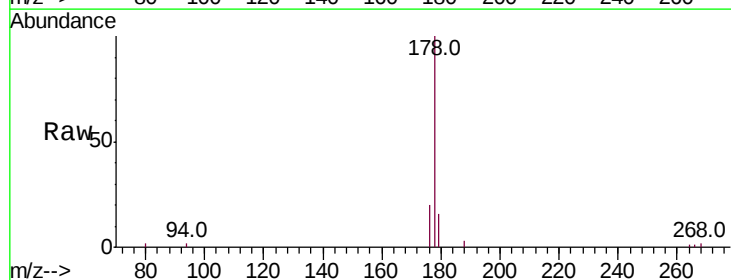
Tgt Ion:178 Resp: 8893

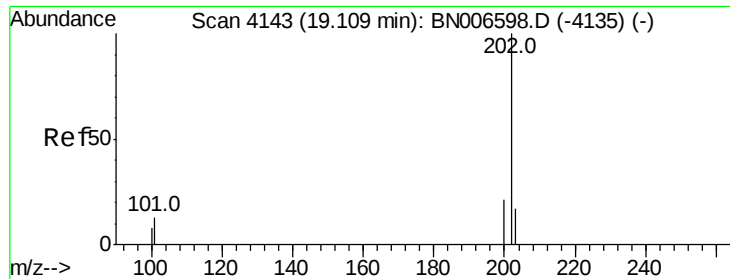
Ion Ratio Lower Upper

178 100

179 16.4 12.7 19.1

176 20.0 15.8 23.6





#15

Fluoranthene

Concen: 0.355 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

Instrument :

BNA_N

ClientSampleId :

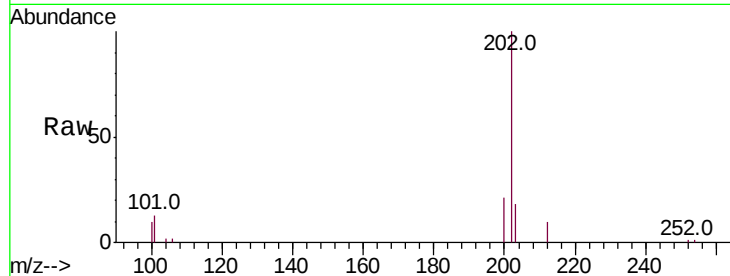
Tot Ion:202 Resp: 13140

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

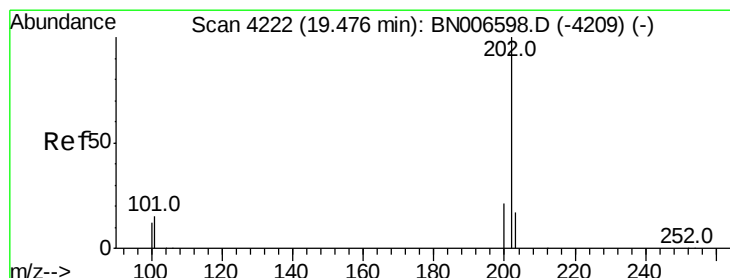
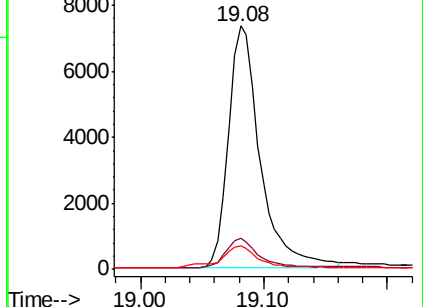
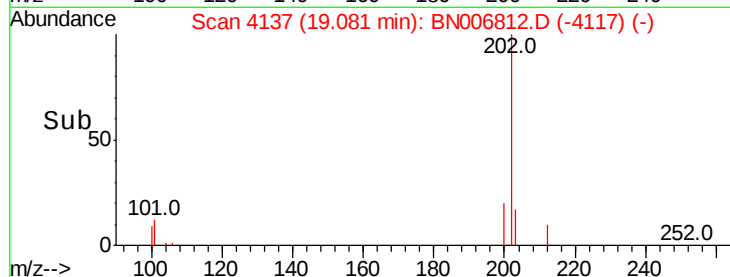
100 9.7 0.0 29.9



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: 0.386 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

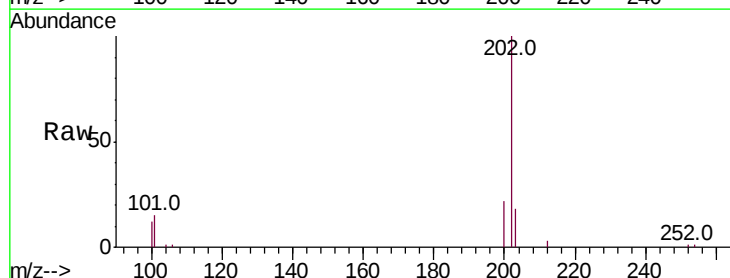
Tgt Ion:202 Resp: 13907

Ion Ratio Lower Upper

202 100

101 14.7 12.2 18.2

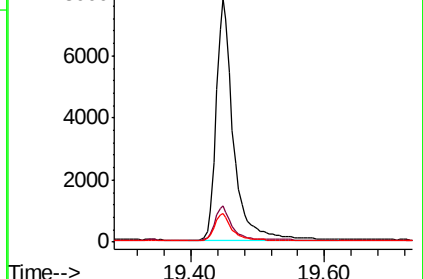
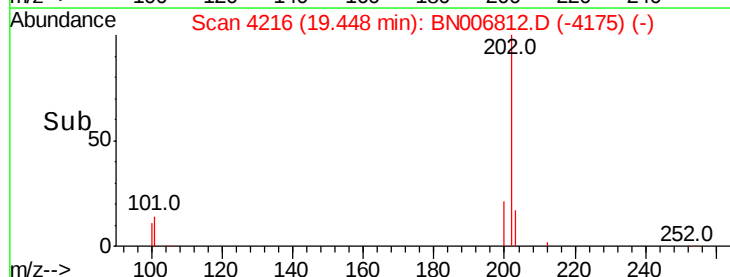
100 11.6 9.8 14.8

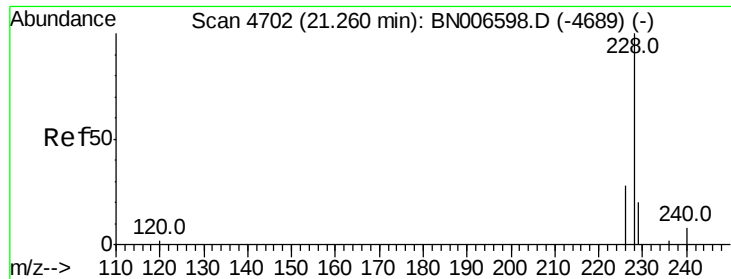


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.347 ng/ul

RT: 21.21 min Scan# 4686

Delta R.T. -0.02 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

Instrument :

BNA_N

ClientSampleId :

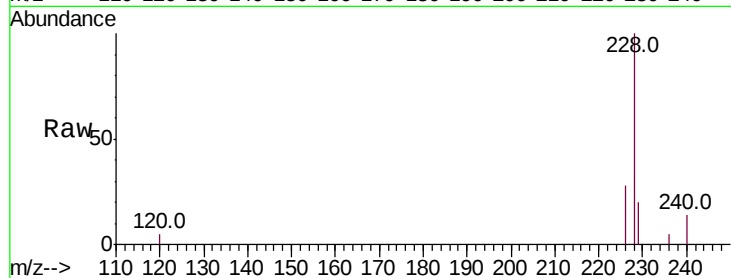
Tot Ion:228 Resp: 11229

Ion Ratio Lower Upper

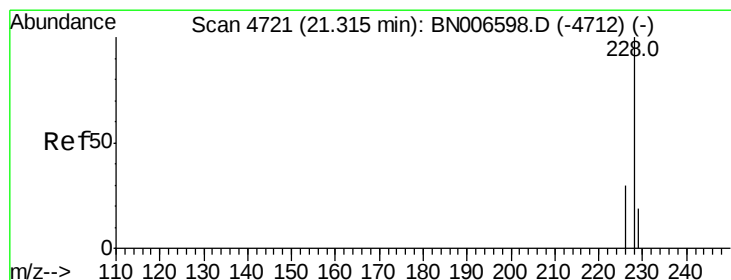
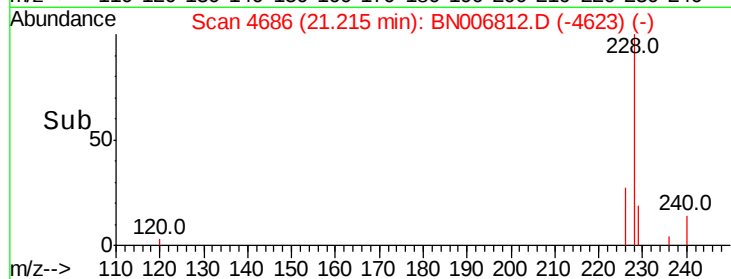
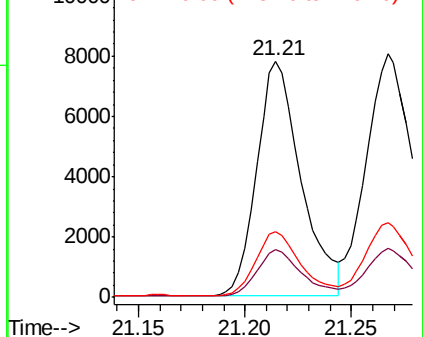
228 100

229 20.0 15.9 23.9

226 27.9 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: 0.397 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. -0.02 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

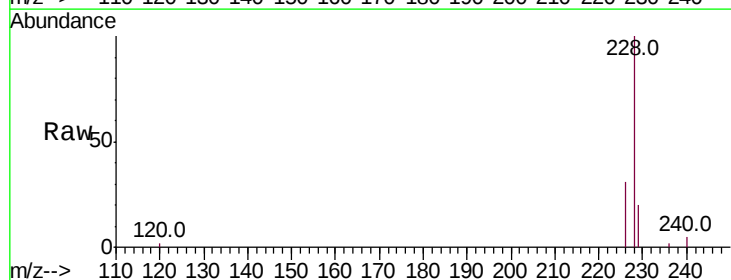
Tgt Ion:228 Resp: 14339

Ion Ratio Lower Upper

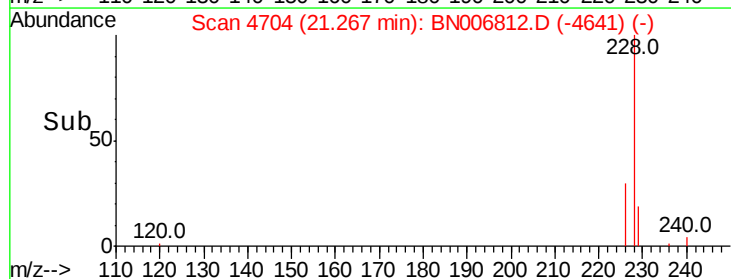
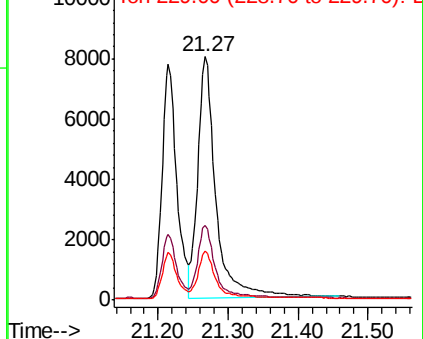
228 100

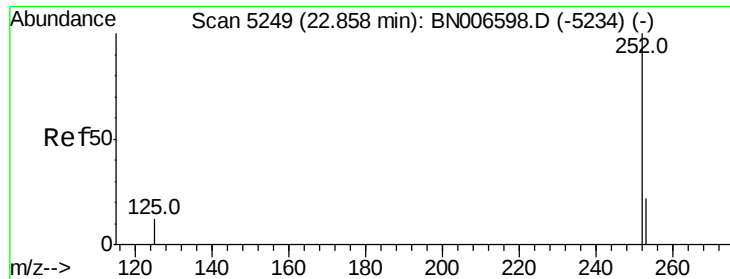
226 30.9 24.2 36.4

229 19.9 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: 0.357 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.03 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

Instrument :

BNA_N

ClientSampleId :

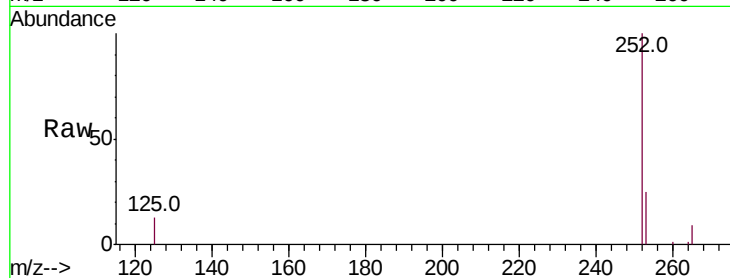
Tot Ion:252 Resp: 13002

Ion Ratio Lower Upper

252 100

253 25.3 0.0 47.8

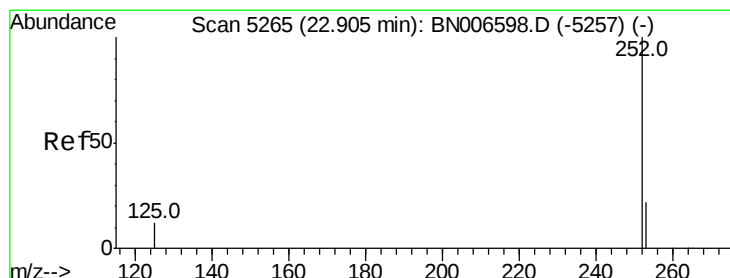
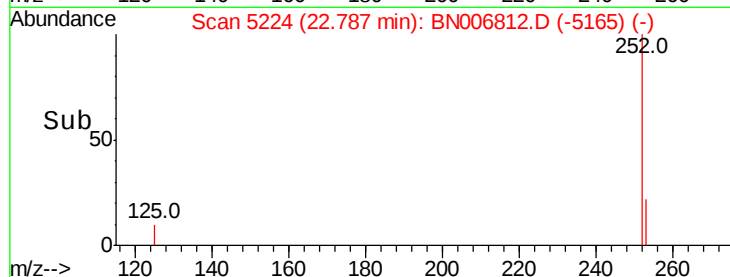
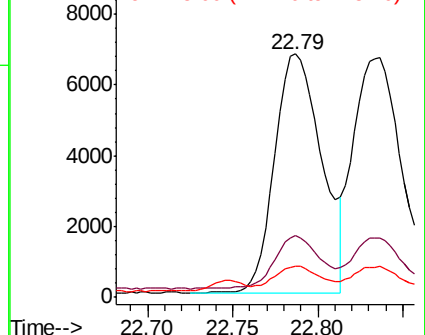
125 12.6 0.0 29.2



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: 0.371 ng/ul

RT: 22.84 min Scan# 5241

Delta R.T. -0.02 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

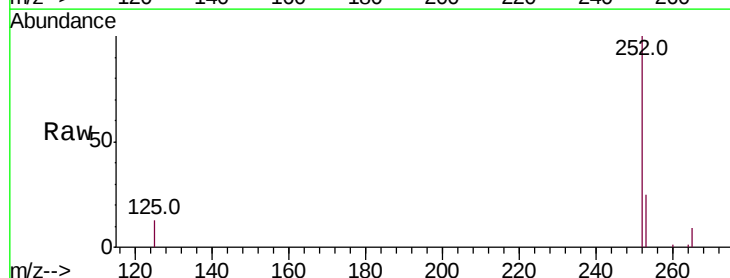
Tgt Ion:252 Resp: 14147

Ion Ratio Lower Upper

252 100

253 24.8 19.2 28.8

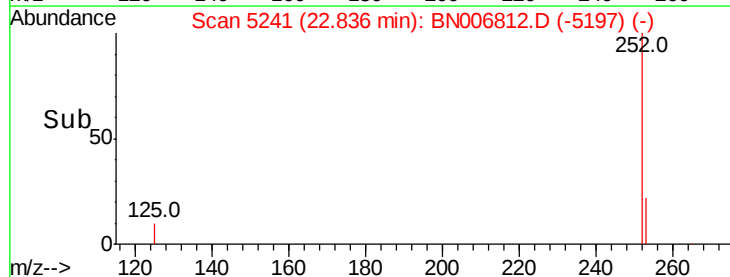
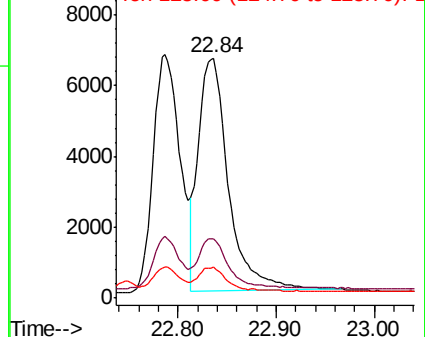
125 12.7 11.0 16.6

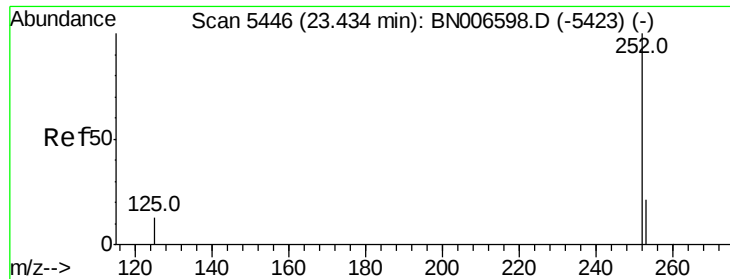


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.361 ng/ul

RT: 23.36 min Scan# 5420

Delta R.T. -0.03 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

Instrument :

BNA_N

ClientSampleId :

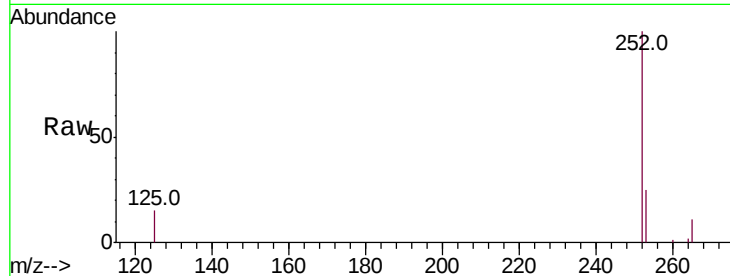
Tot Ion:252 Resp: 12866

Ion Ratio Lower Upper

252 100

253 25.3 19.4 29.2

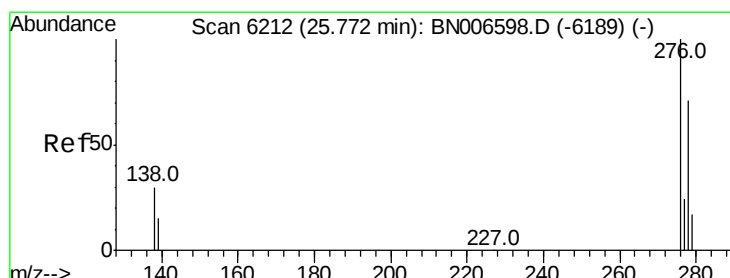
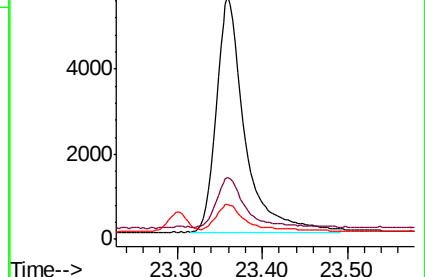
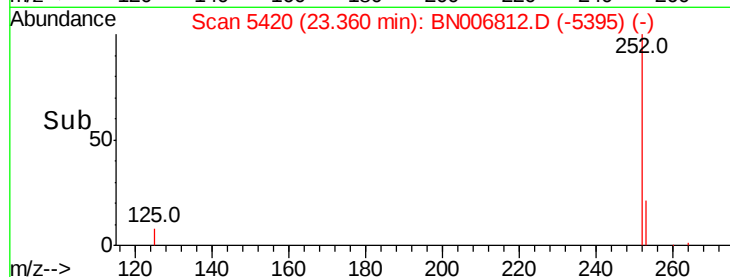
125 14.5 12.6 19.0



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: 0.418 ng/ul

RT: 25.68 min Scan# 6184

Delta R.T. -0.03 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

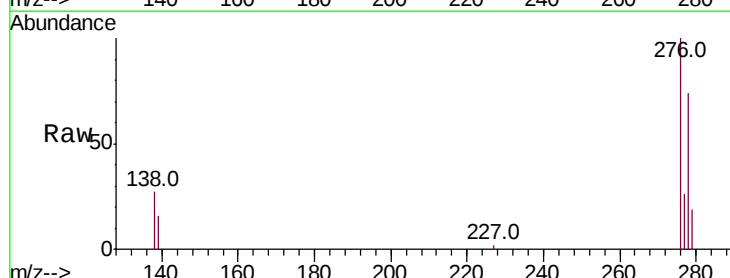
Tgt Ion:276 Resp: 15086

Ion Ratio Lower Upper

276 100

138 26.6 24.3 36.5

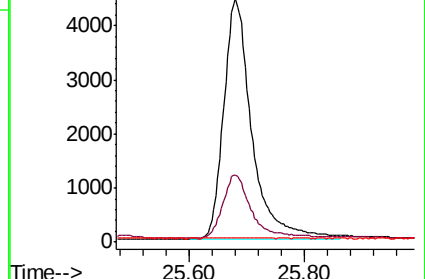
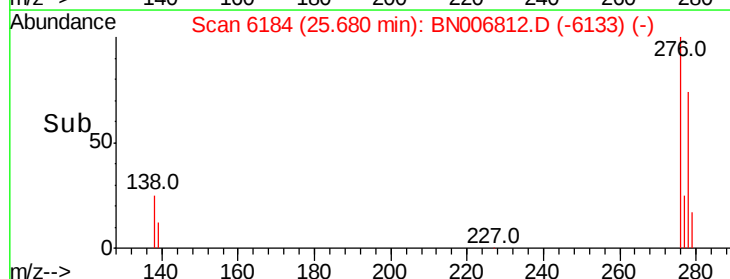
227 0.1 0.2 0.4#

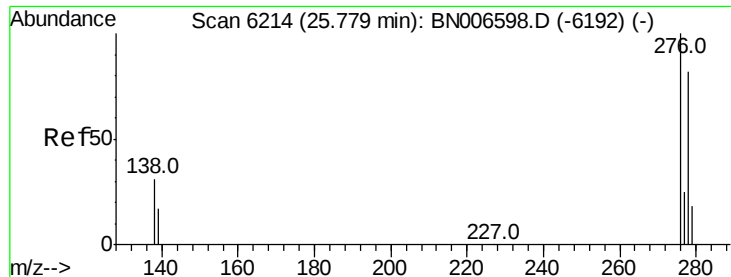


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.415 ng/ul

RT: 25.68 min Scan# 6185

Delta R.T. -0.03 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

Instrument :

BNA_N

ClientSampleId :

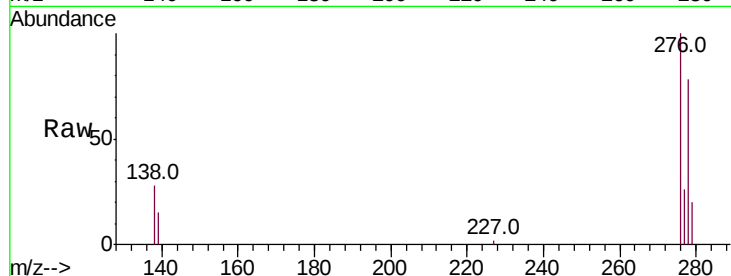
Tot Ion:278 Resp: 11895

Ion Ratio Lower Upper

278 100

139 19.8 18.1 27.1

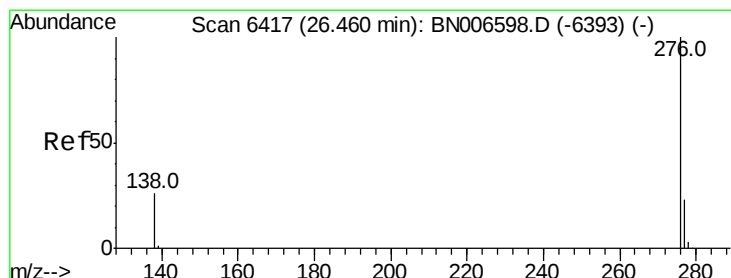
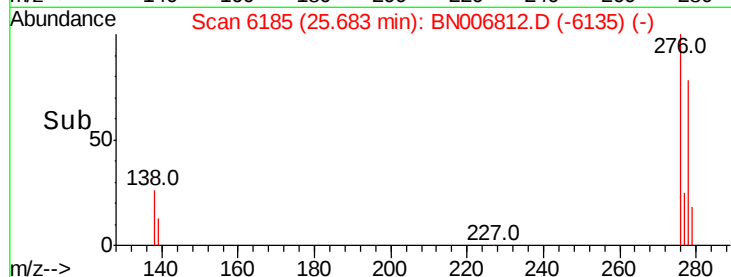
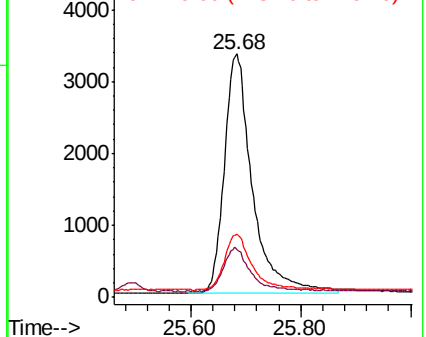
279 25.8 19.8 29.6



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: 0.438 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. -0.03 min

Lab File: BN006812.D

Acq: 11 Jul 2019 23:27

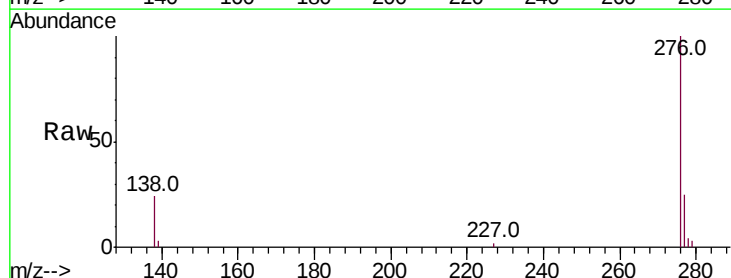
Tgt Ion:276 Resp: 13227

Ion Ratio Lower Upper

276 100

138 24.5 22.2 33.2

277 24.7 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

