

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008261.D
 Acq On : 19 Oct 2019 09:53
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.449

Quant Time: Oct 19 20:51:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 23:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1794	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	8309	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	5322	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	10790	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10464	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10452	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	5800	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	14840	0.40	ng/ul	0.00

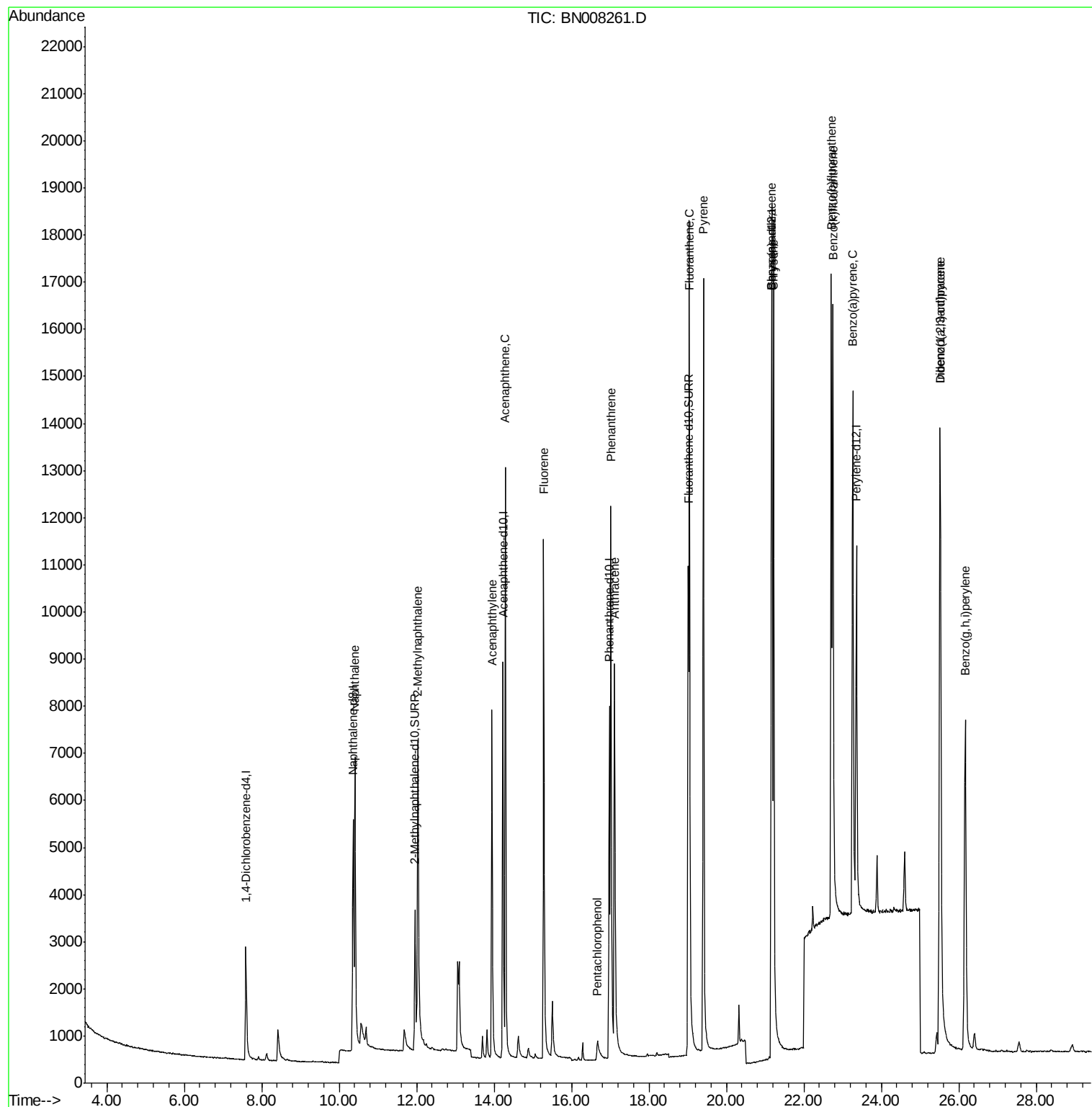
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.41	128	10343	0.437	ng/ul	100
5) 2-Methylnaphthalene	12.03	142	6949	0.428	ng/ul	100
7) Acenaphthylene	13.95	152	10120	0.399	ng/ul	100
8) Acenaphthene	14.29	153	8174	0.415	ng/ul	98
9) Fluorene	15.28	166	9085	0.406	ng/ul	97
11) Pentachlorophenol	16.67	266	743	0.285	ng/ul	98
12) Phenanthrene	17.02	178	14433	0.457	ng/ul	100
13) Anthracene	17.11	178	12710	0.457	ng/ul	100
15) Fluoranthene	19.04	202	17426	0.418	ng/ul	96
17) Pyrene	19.41	202	18140	0.435	ng/ul	99
18) Benzo(a)anthracene	21.17	228	16376	0.430	ng/ul	100
19) Chrysene	21.22	228	19602	0.420	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	17764	0.522	ng/ul	98
22) Benzo(k)fluoranthene	22.75	252	19304	0.501	ng/ul	97
23) Benzo(a)pyrene	23.26	252	17385	0.486	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.51	276	18071	0.429	ng/ul	96
25) Dibenzo(a,h)anthracene	25.53	278	14588	0.438	ng/ul	98
26) Benzo(g,h,i)perylene	26.17	276	15602	0.403	ng/ul	98

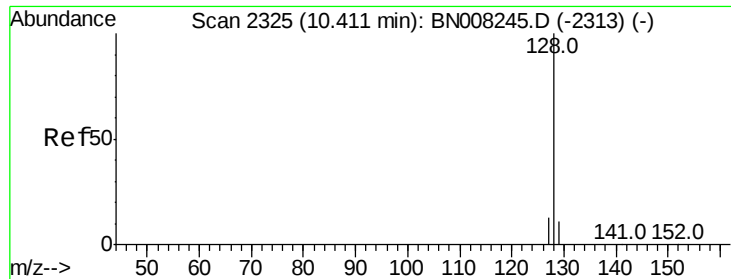
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
Data File : BN008261.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101919.M
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#3

Naphthalene

Concen: 0.437 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.449

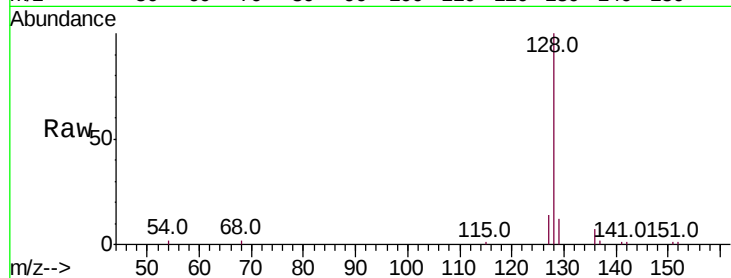
Tot Ion:128 Resp: 10343

Ion Ratio Lower Upper

128 100

129 12.1 9.8 14.8

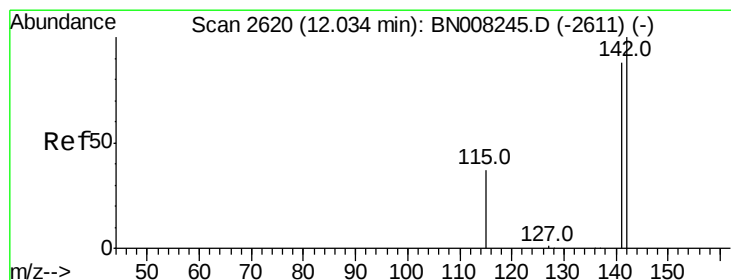
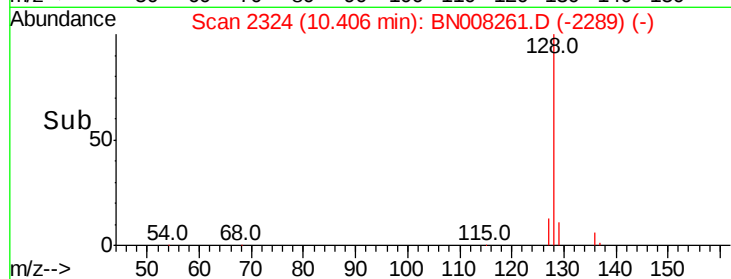
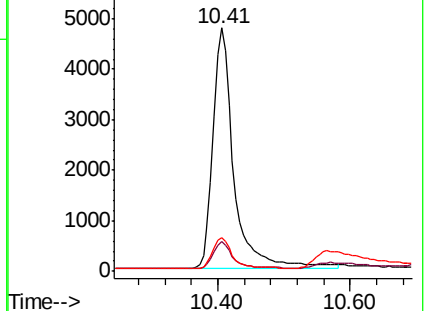
127 14.0 11.1 16.7



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: 0.428 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BN008261.D

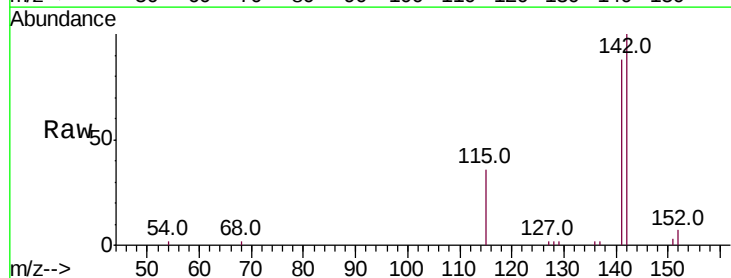
Acq: 19 Oct 2019 09:53

Tgt Ion:142 Resp: 6949

Ion Ratio Lower Upper

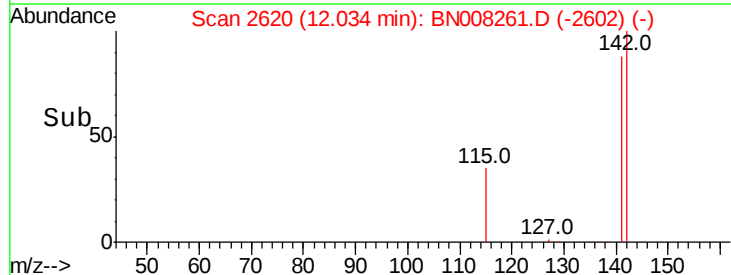
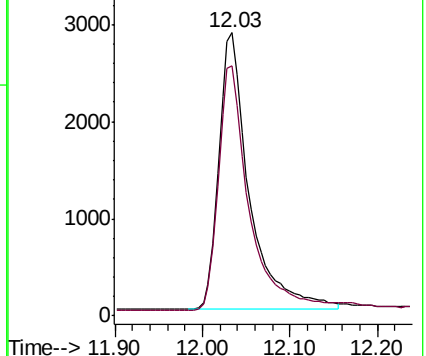
142 100

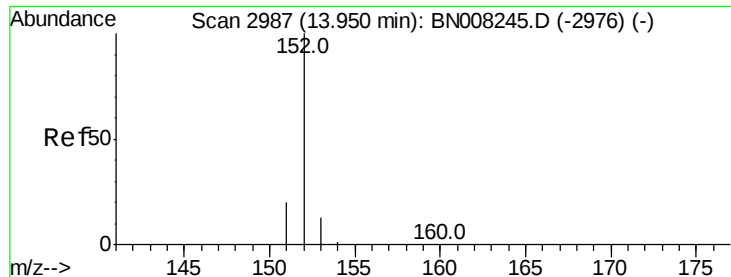
141 89.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.399 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.449

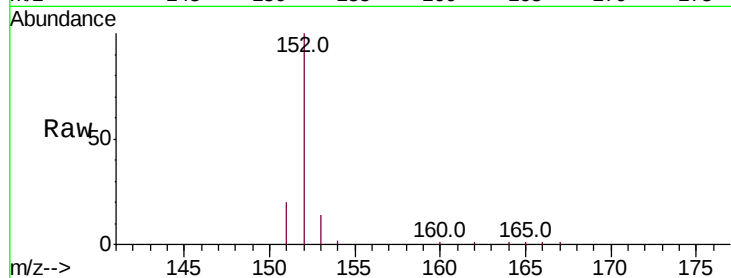
Tot Ion:152 Resp: 10120

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

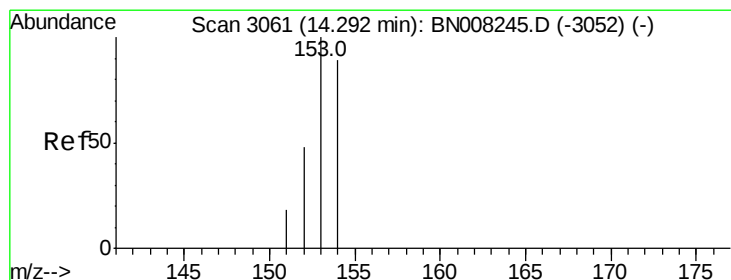
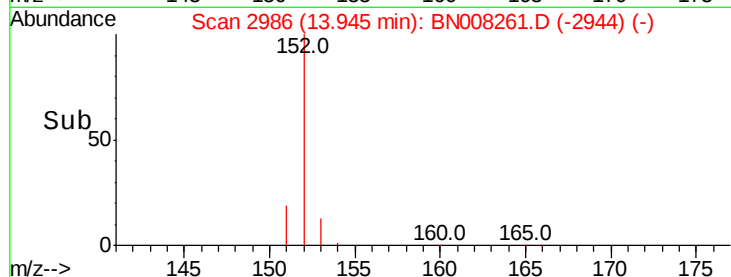
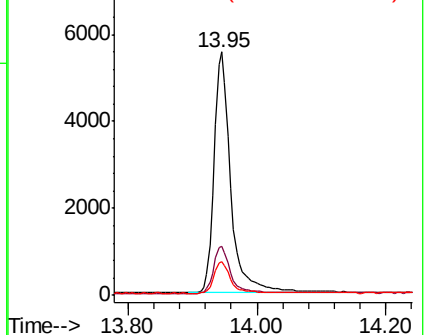
153 13.8 11.0 16.4



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: 0.415 ng/ul

RT: 14.29 min Scan# 3060

Delta R.T. -0.00 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

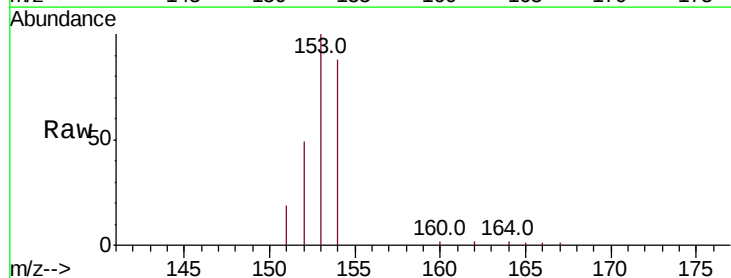
Tgt Ion:153 Resp: 8174

Ion Ratio Lower Upper

153 100

152 49.2 38.2 57.2

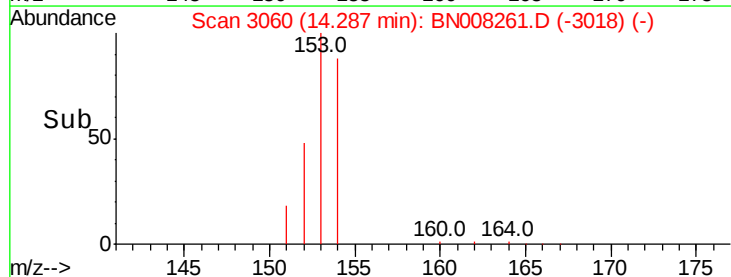
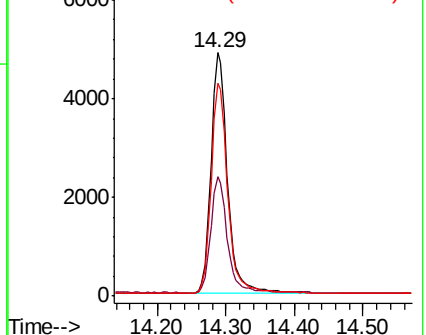
154 87.6 71.8 107.8

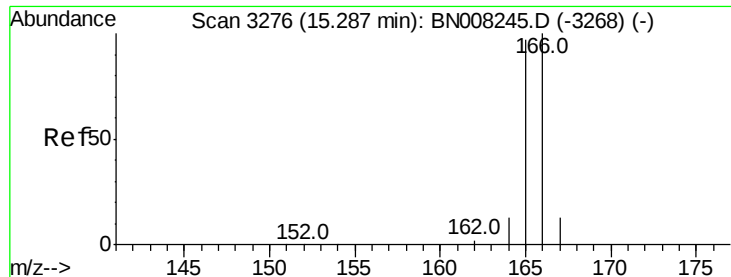


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.406 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

Instrument :

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SSTD0.449

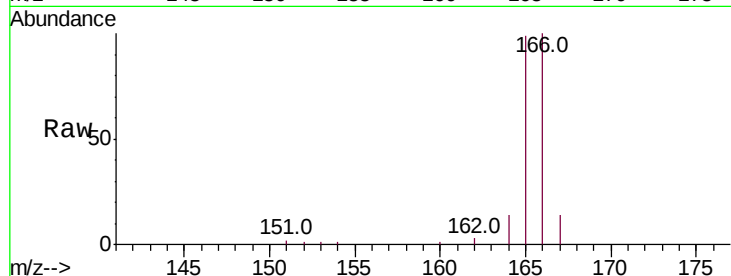
Tot Ion:166 Resp: 9085

Ion Ratio Lower Upper

166 100

165 99.0 76.6 115.0

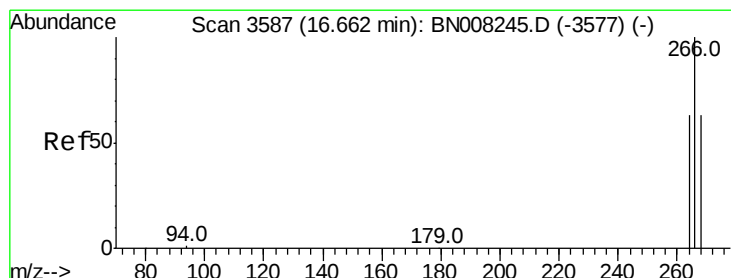
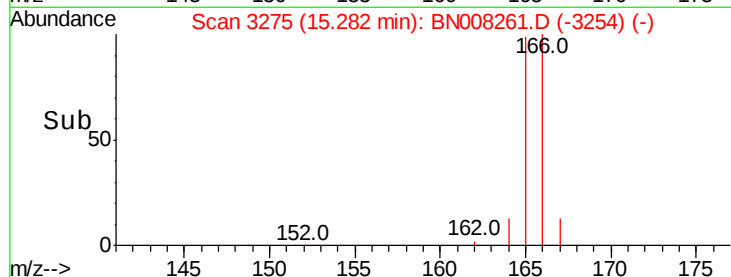
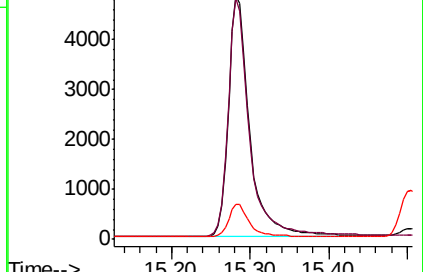
167 14.3 11.7 17.5



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: 0.285 ng/ul

RT: 16.67 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

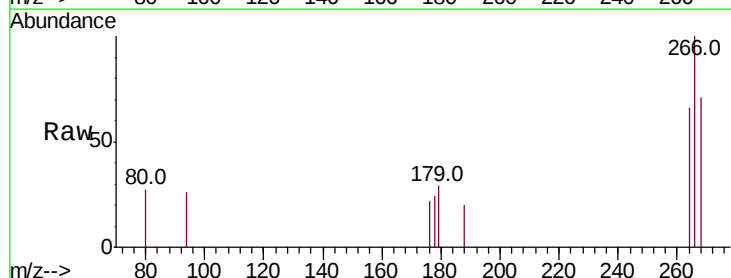
Tgt Ion:266 Resp: 743

Ion Ratio Lower Upper

266 100

264 63.4 50.1 75.1

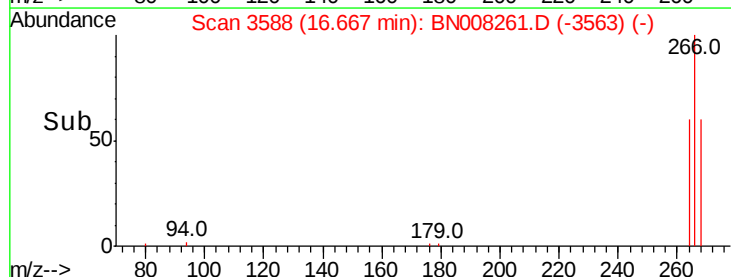
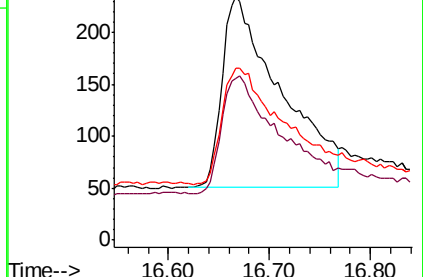
268 66.6 51.9 77.9

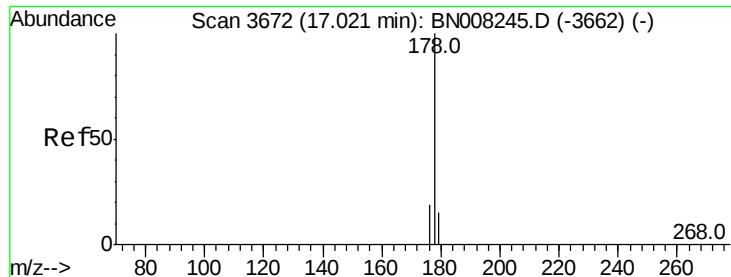


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.457 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.449

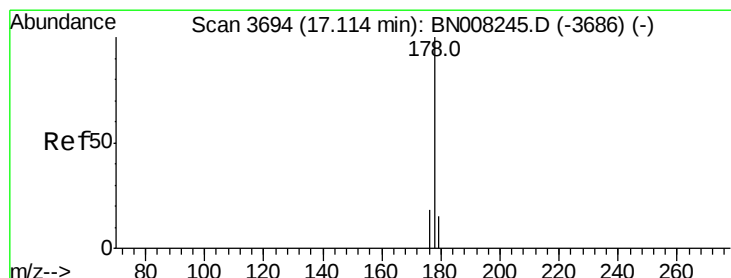
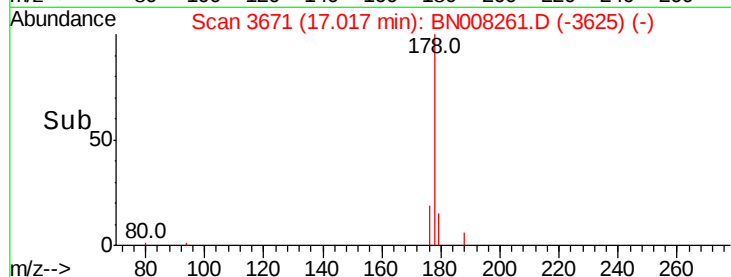
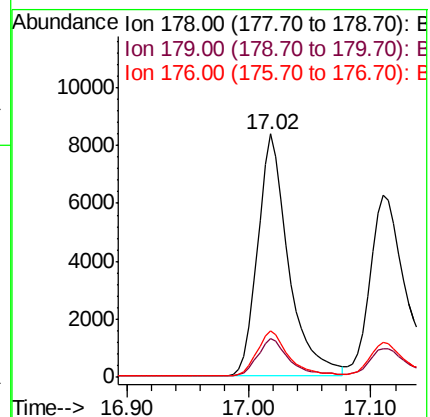
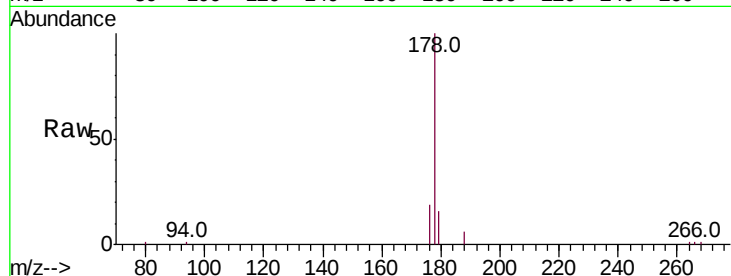
Tot Ion:178 Resp: 14433

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 19.1 15.4 23.2



#13

Anthracene

Concen: 0.457 ng/ul

RT: 17.11 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

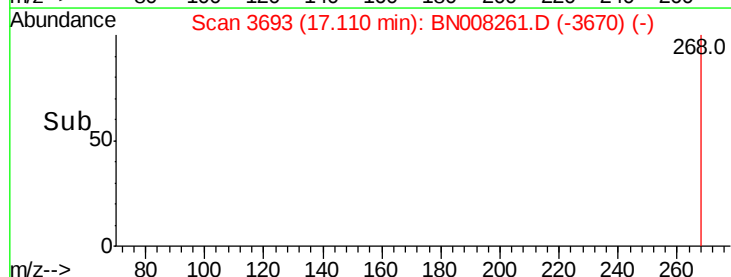
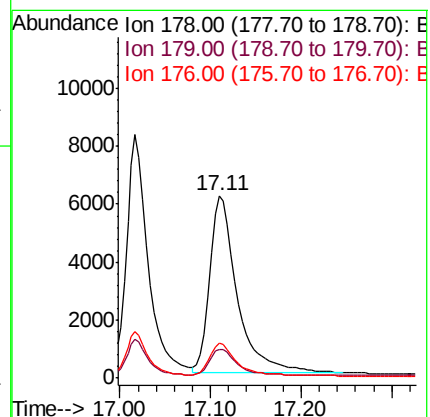
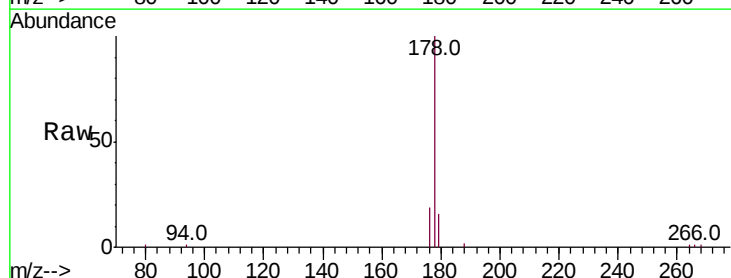
Tgt Ion:178 Resp: 12710

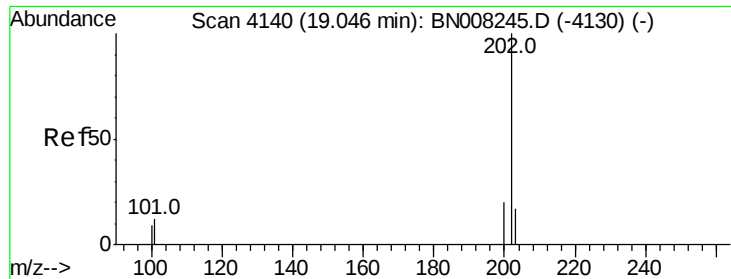
Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.6

176 18.8 15.0 22.6





#15

Fluoranthene

Concen: 0.418 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.449

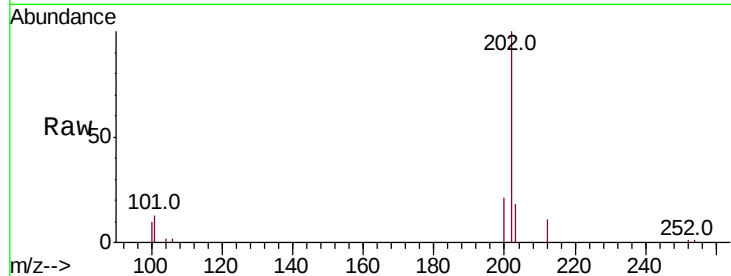
Tot Ion:202 Resp: 17426

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.2

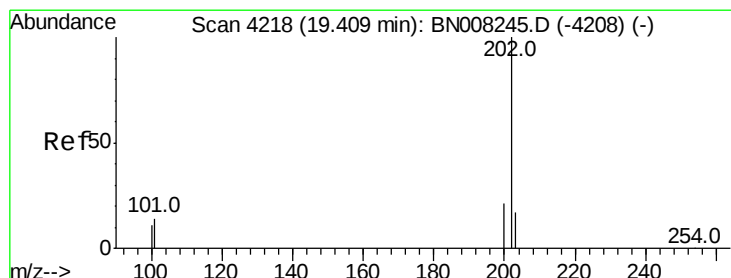
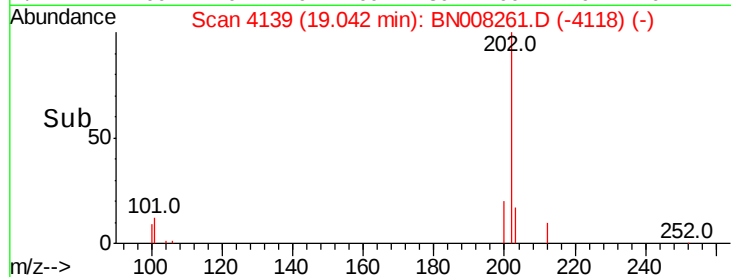
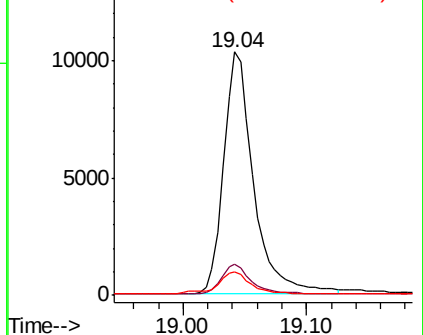
100 9.9 0.0 28.5



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: 0.435 ng/ul

RT: 19.41 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

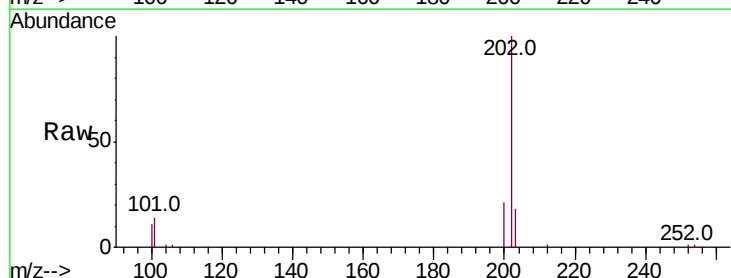
Tgt Ion:202 Resp: 18140

Ion Ratio Lower Upper

202 100

101 13.8 10.9 16.3

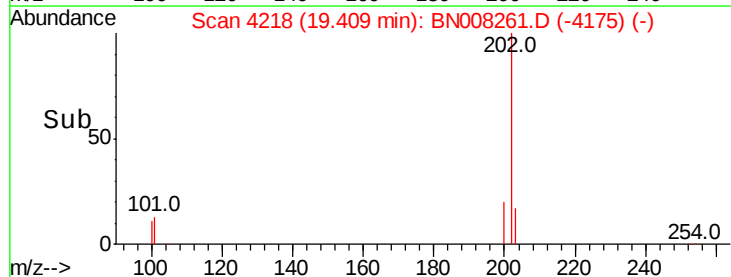
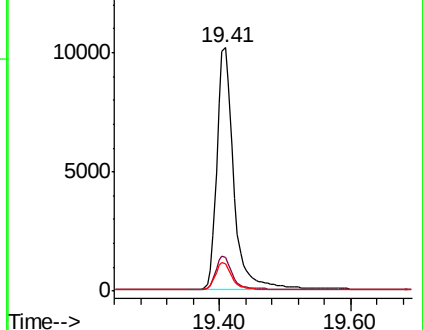
100 11.3 8.7 13.1

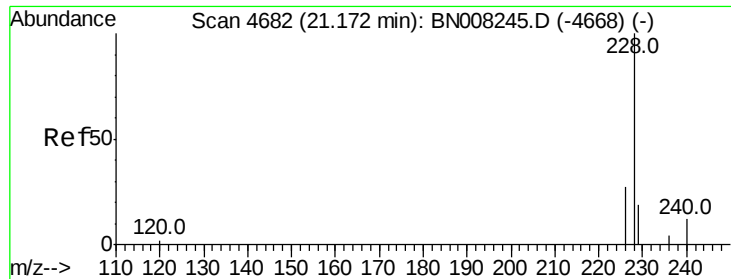


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.430 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

Instrument :

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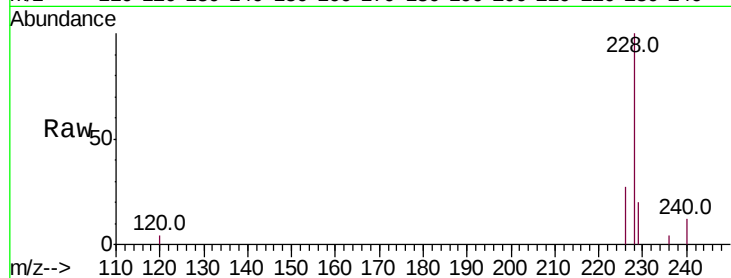
Tot Ion:228 Resp: 16376

Ion Ratio Lower Upper

228 100

229 20.1 16.2 24.2

226 26.9 21.4 32.0

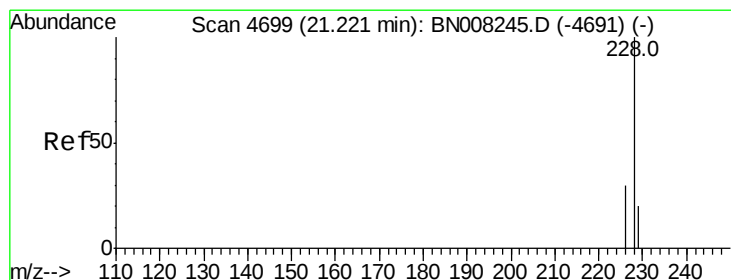
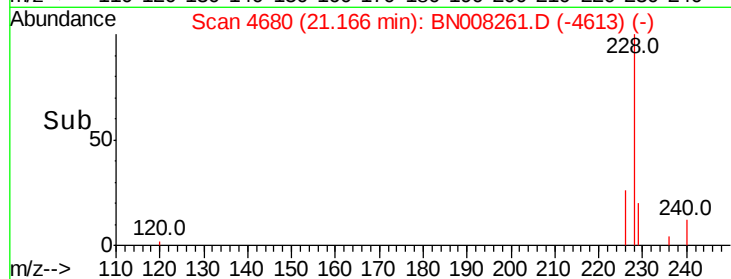
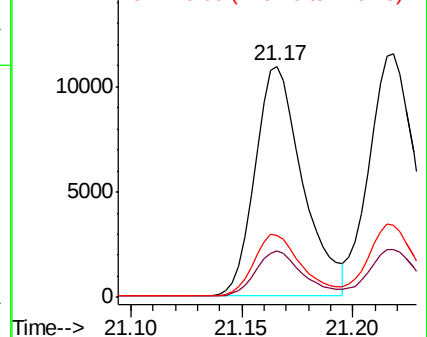


Abundance

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: 0.420 ng/ul

RT: 21.22 min Scan# 4698

Delta R.T. -0.00 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

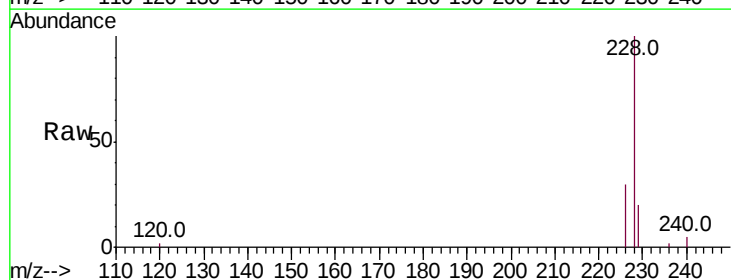
Tgt Ion:228 Resp: 19602

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.9 16.2 24.2

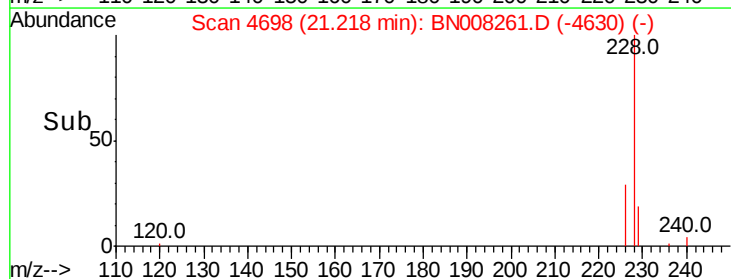
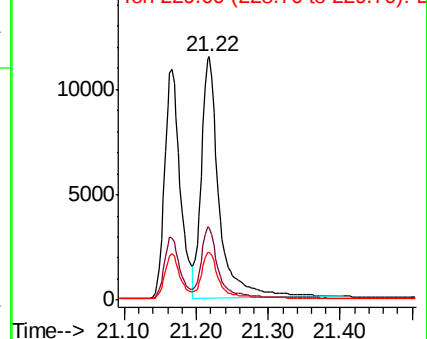


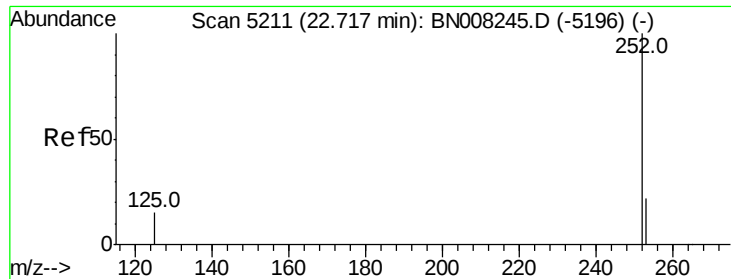
Abundance

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: 0.522 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. -0.01 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

Instrument :

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SSTD0.449

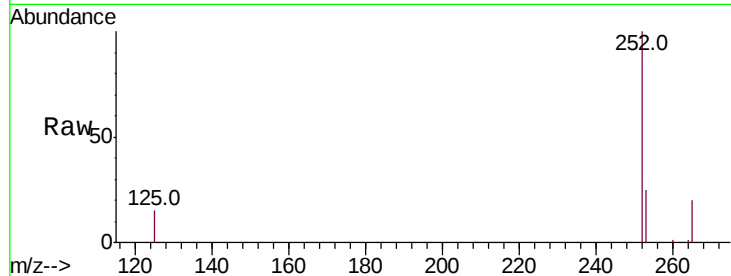
Tot Ion:252 Resp: 17764

Ion Ratio Lower Upper

252 100

253 25.3 0.0 53.4

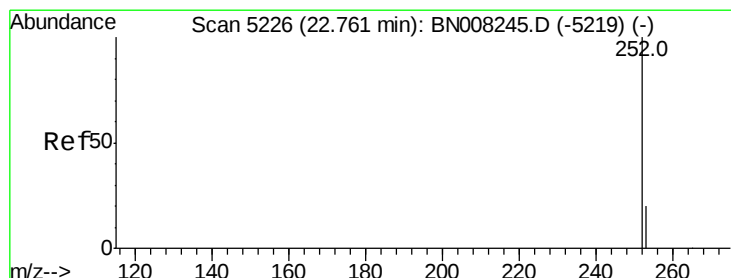
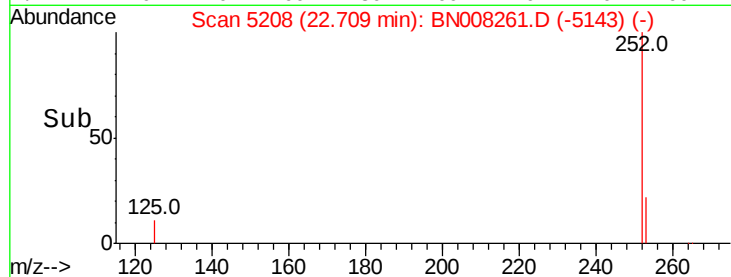
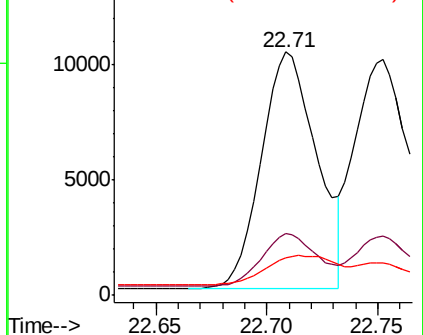
125 15.4 0.0 32.4



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



#22

Benzo(k)fluoranthene

Concen: 0.501 ng/ul

RT: 22.75 min Scan# 5223

Delta R.T. -0.01 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

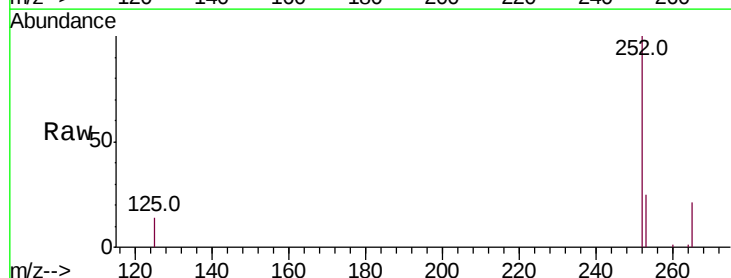
Tgt Ion:252 Resp: 19304

Ion Ratio Lower Upper

252 100

253 25.1 21.3 31.9

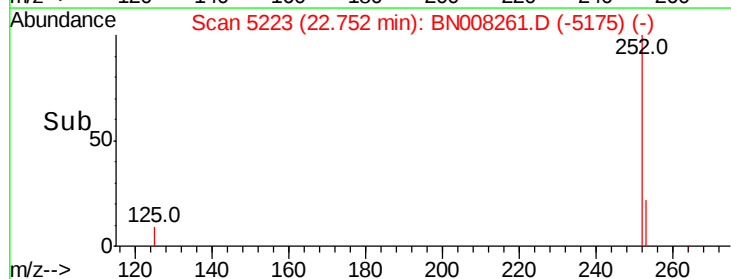
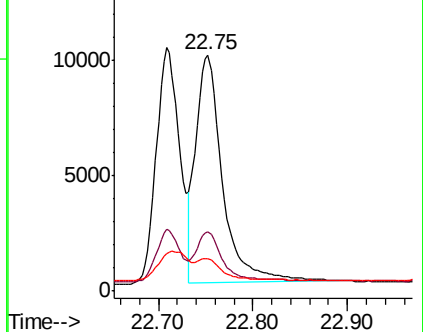
125 13.8 12.3 18.5

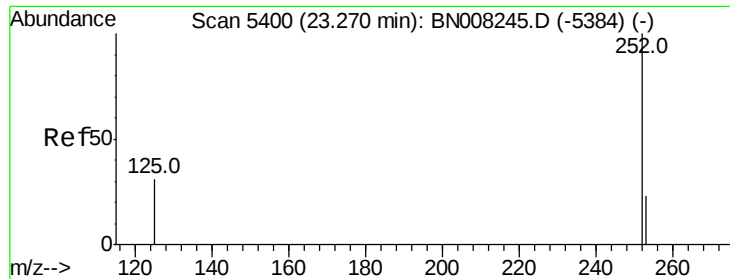


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.486 ng/ul

RT: 23.26 min Scan# 5397

Delta R.T. -0.01 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.449

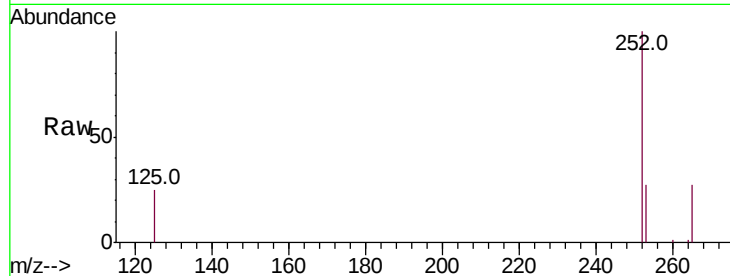
Tot Ion:252 Resp: 17385

Ion Ratio Lower Upper

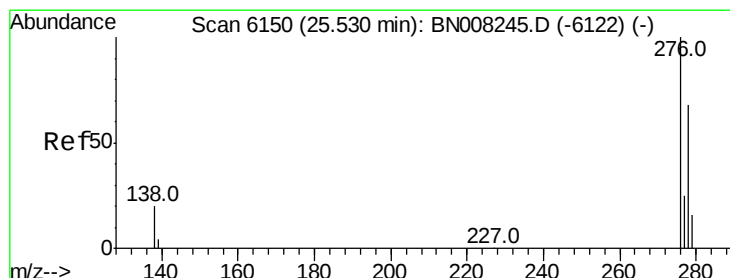
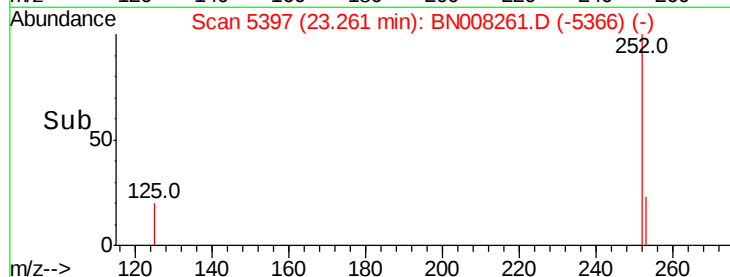
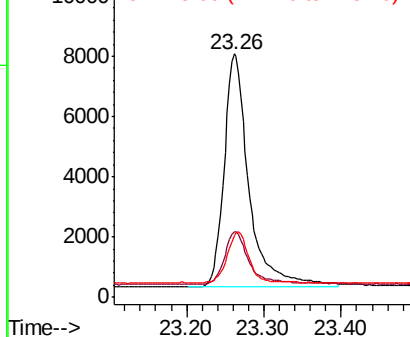
252 100

253 27.0 22.8 34.2

125 25.4 18.4 27.6



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: 0.429 ng/ul

RT: 25.51 min Scan# 6145

Delta R.T. -0.02 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

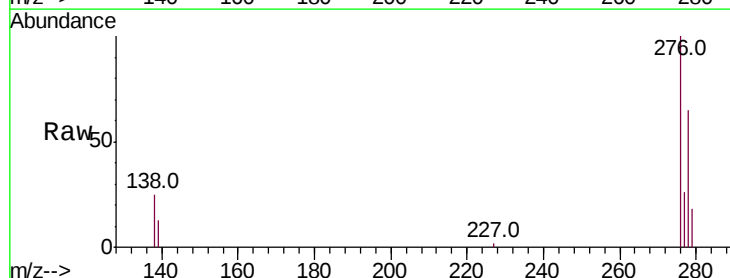
Tgt Ion:276 Resp: 18071

Ion Ratio Lower Upper

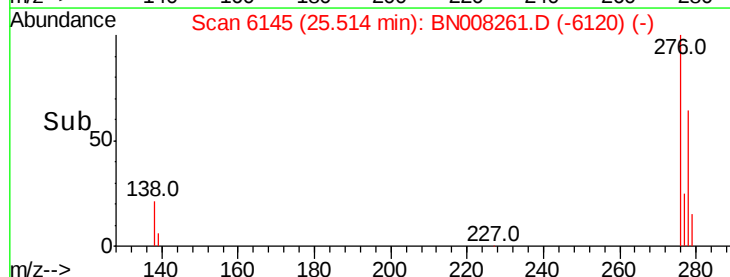
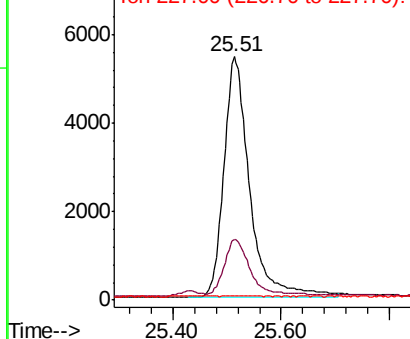
276 100

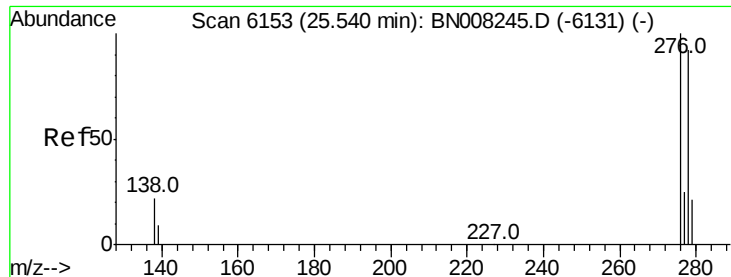
138 21.9 16.1 24.1

227 0.2 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: 0.438 ng/ul

RT: 25.53 min Scan# 6149

Delta R.T. -0.01 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.449

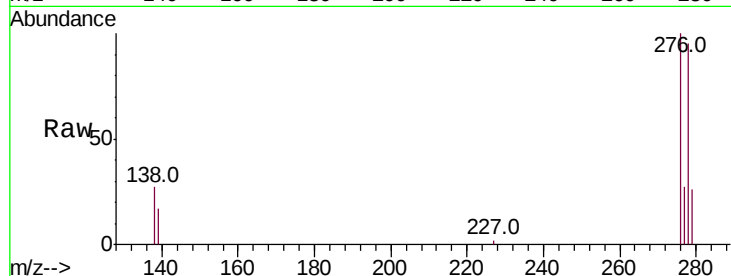
Tot Ion:278 Resp: 14588

Ion Ratio Lower Upper

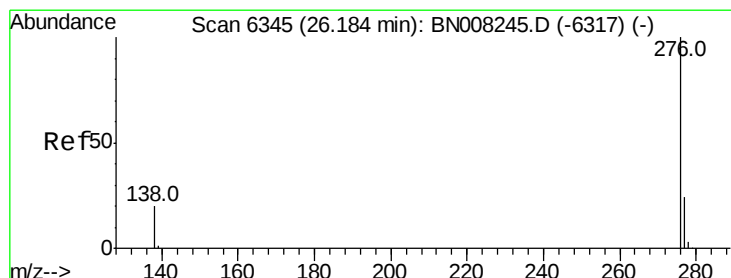
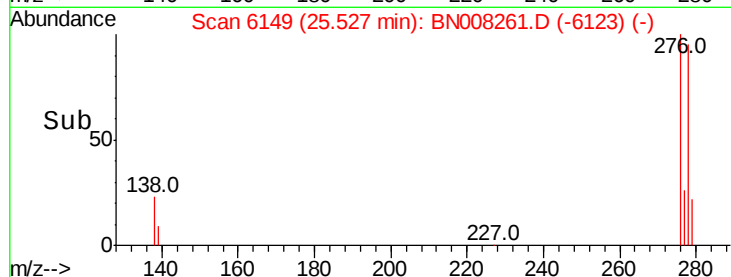
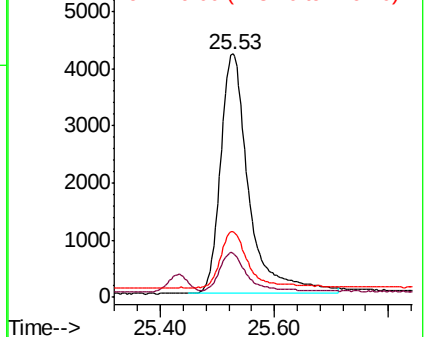
278 100

139 17.9 15.0 22.6

279 26.9 22.4 33.6



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: 0.403 ng/ul

RT: 26.17 min Scan# 6340

Delta R.T. -0.02 min

Lab File: BN008261.D

Acq: 19 Oct 2019 09:53

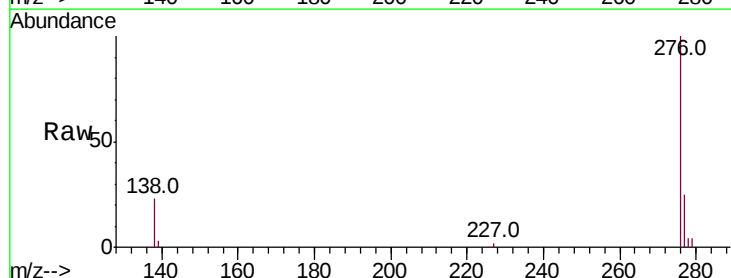
Tgt Ion:276 Resp: 15602

Ion Ratio Lower Upper

276 100

138 22.5 17.0 25.4

277 24.9 20.4 30.6



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

