

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
 Data File : BN011356.D
 Acq On : 04 Aug 2020 06:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.416

Quant Time: Aug 04 06:49:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 06:45:43 2020
 Response via : Initial Calibration

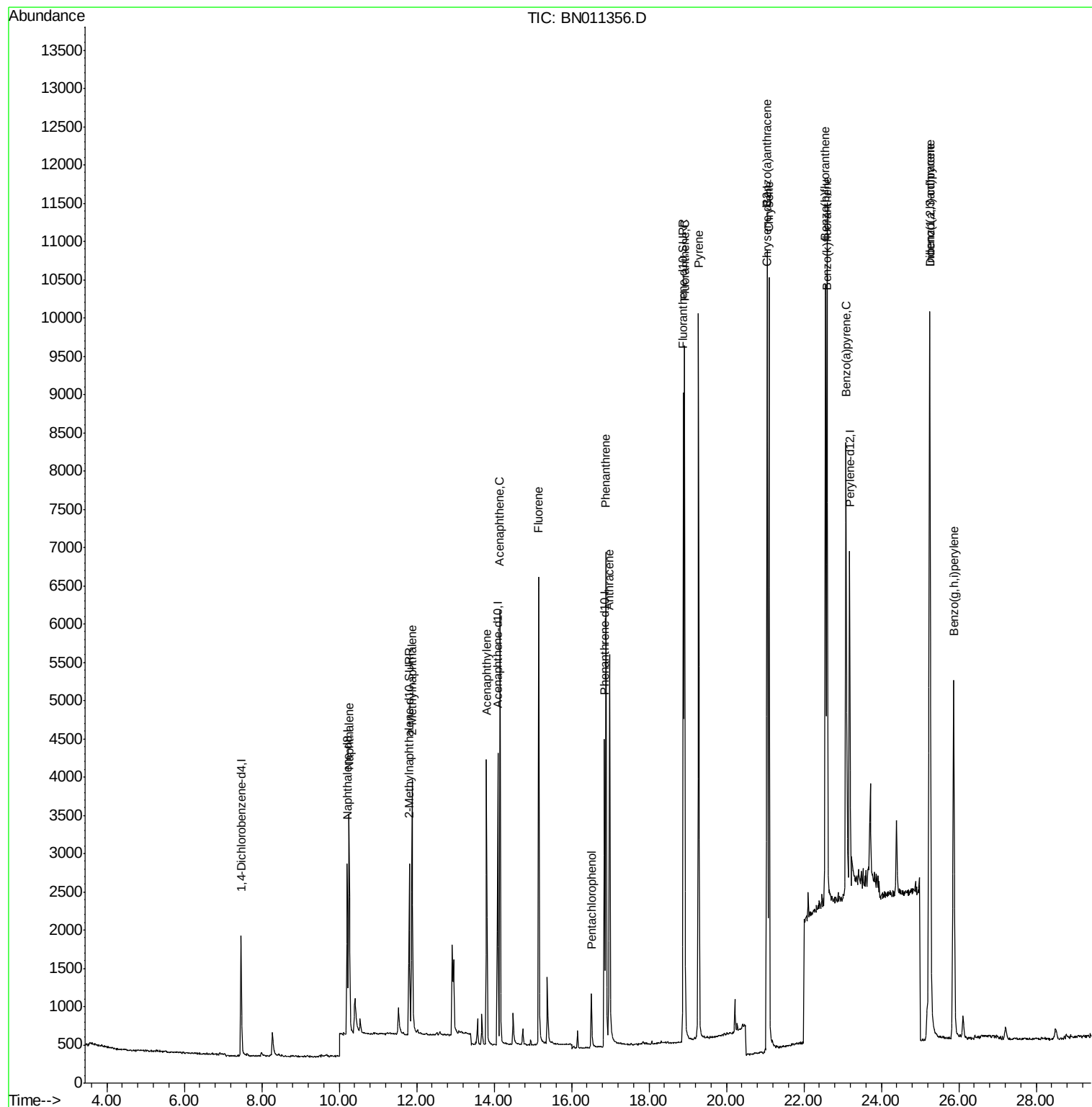
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	897	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3349	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2137	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4963	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	5033	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	5885	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	3613	0.43	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	10085	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.26	128	4145	0.416	ng/ul	97
5) 2-Methylnaphthalene	11.89	142	2900	0.434	ng/ul	97
7) Acenaphthylene	13.81	152	4398	0.431	ng/ul	99
8) Acenaphthene	14.15	153	3446	0.425	ng/ul	98
9) Fluorene	15.15	166	4060	0.426	ng/ul	99
11) Pentachlorophenol	16.51	266	576	0.473	ng/ul	98
12) Phenanthrene	16.89	178	7073	0.430	ng/ul	99
13) Anthracene	16.98	178	6415	0.447	ng/ul	99
15) Fluoranthene	18.92	202	8488	0.419	ng/ul	97
17) Pyrene	19.28	202	8582	0.376	ng/ul	99
18) Benzo(a)anthracene	21.05	228	8210	0.425	ng/ul	100
19) Chrysene	21.10	228	9200	0.415	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	9457	0.385	ng/ul	99
22) Benzo(k)fluoranthene	22.60	252	10947	0.398	ng/ul	99
23) Benzo(a)pyrene	23.09	252	8959	0.420	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.25	276	11043	0.492	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.26	278	8944	0.500	ng/ul	99
26) Benzo(g,h,i)perylene	25.87	276	9449	0.466	ng/ul	99

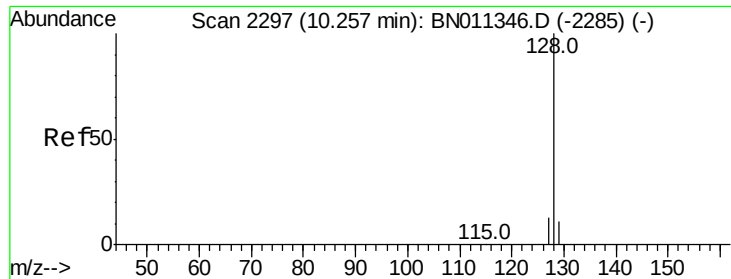
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.416 ng/ul

RT: 10.26 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

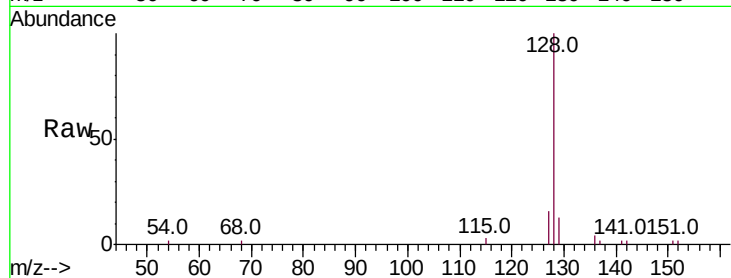
Tot Ion:128 Resp: 4145

Ion Ratio Lower Upper

128 100

129 12.9 9.6 14.4

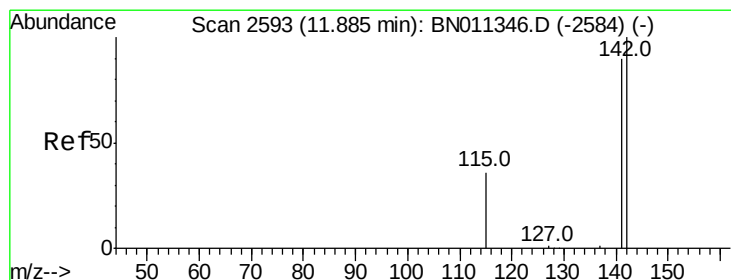
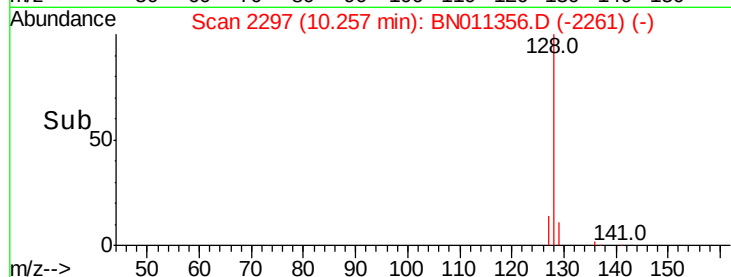
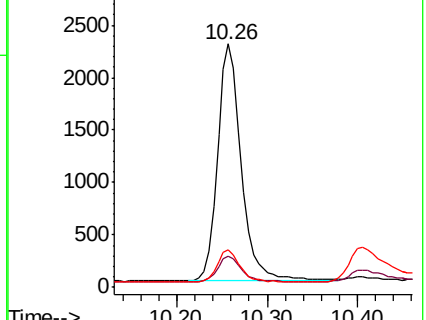
127 15.6 11.2 16.8



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: 0.434 ng/ul

RT: 11.89 min Scan# 2593

Delta R.T. -0.00 min

Lab File: BN011356.D

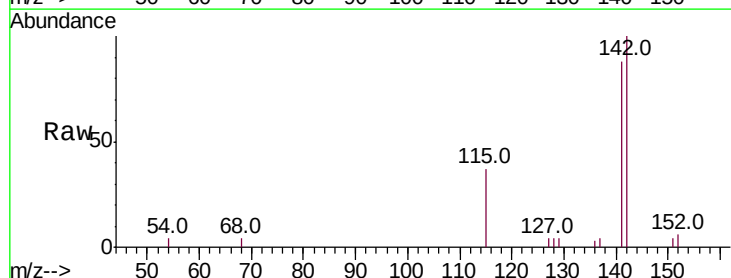
Acq: 04 Aug 2020 06:13

Tgt Ion:142 Resp: 2900

Ion Ratio Lower Upper

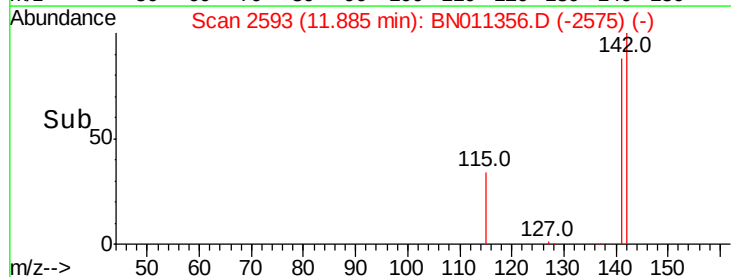
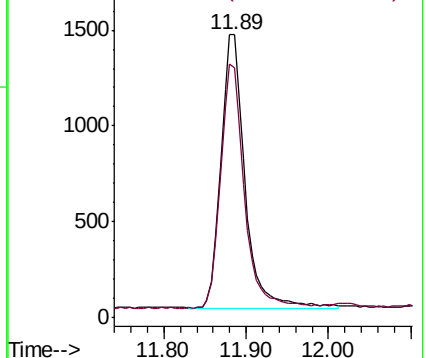
142 100

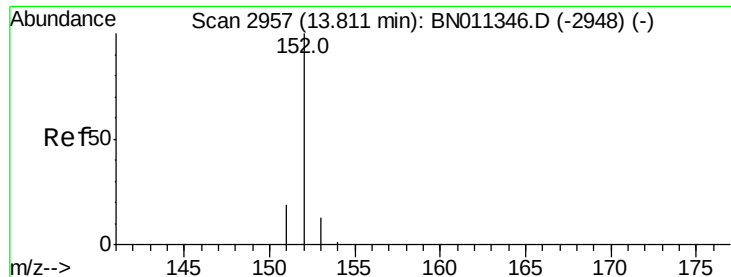
141 87.8 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.431 ng/ul

RT: 13.81 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

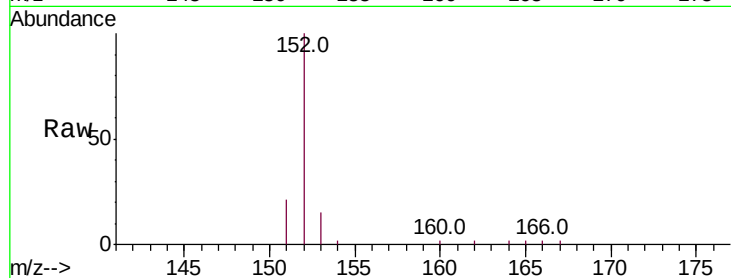
Tot Ion:152 Resp: 4398

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

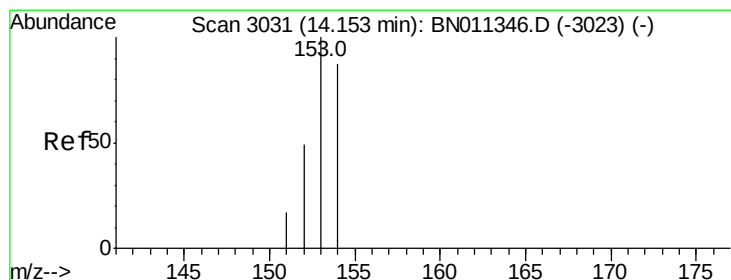
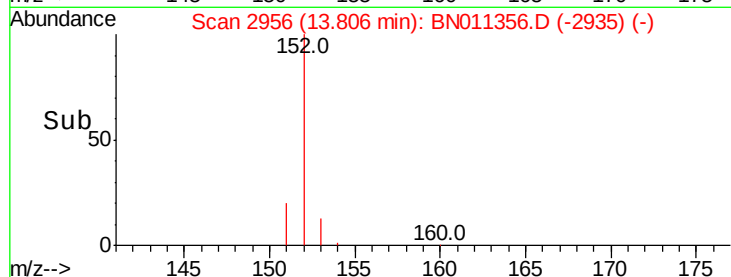
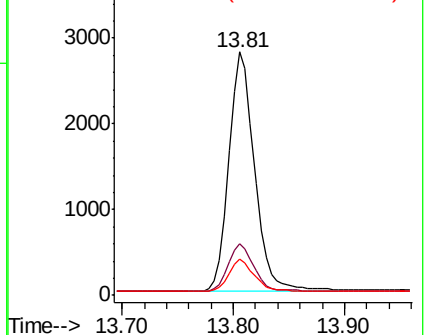
153 15.0 11.4 17.0



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: 0.425 ng/ul

RT: 14.15 min Scan# 3031

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

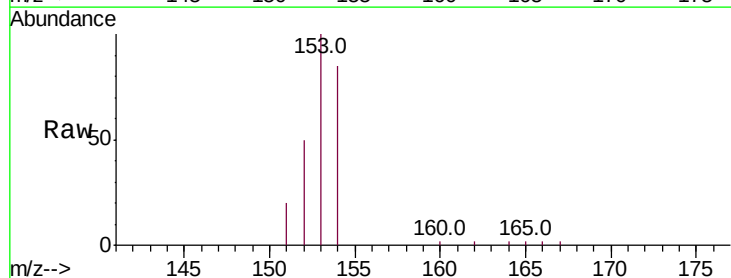
Tgt Ion:153 Resp: 3446

Ion Ratio Lower Upper

153 100

152 49.7 40.5 60.7

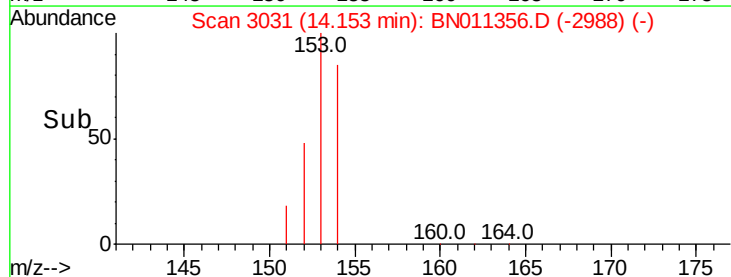
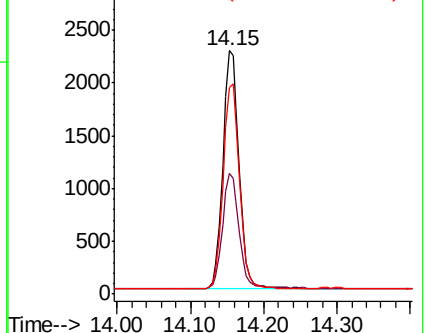
154 84.8 69.5 104.3

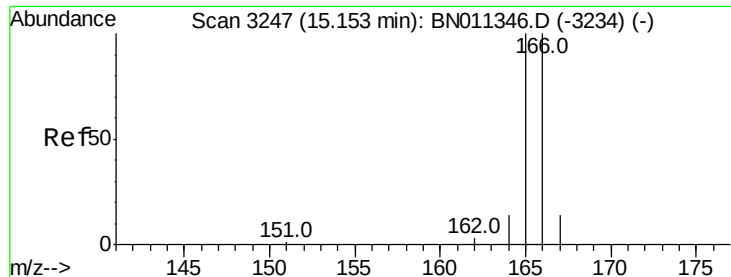


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

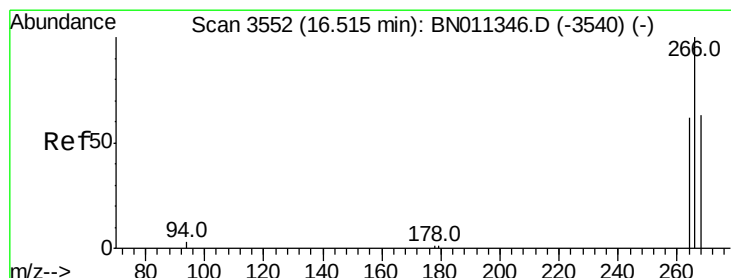
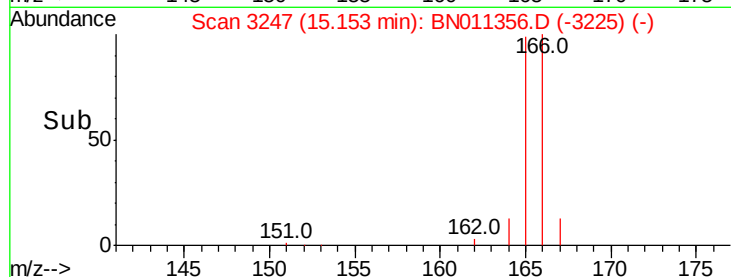
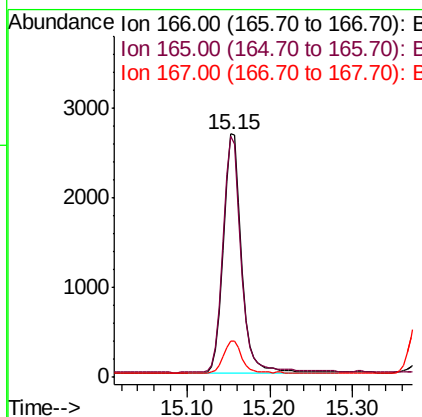
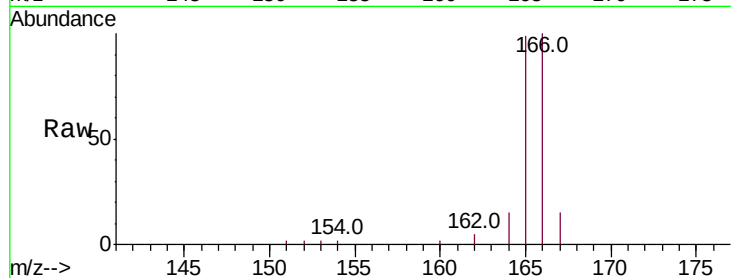




#9
Fluorene
 Concen: 0.426 ng/ul
 RT: 15.15 min Scan# 3247
 Delta R.T. -0.00 min
 Lab File: BN011356.D
 Acq: 04 Aug 2020 06:13

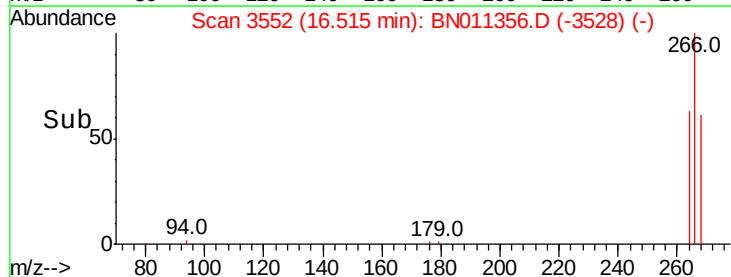
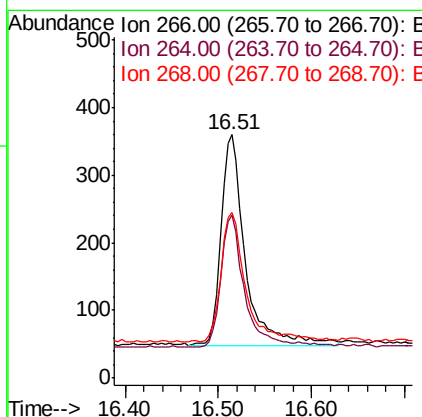
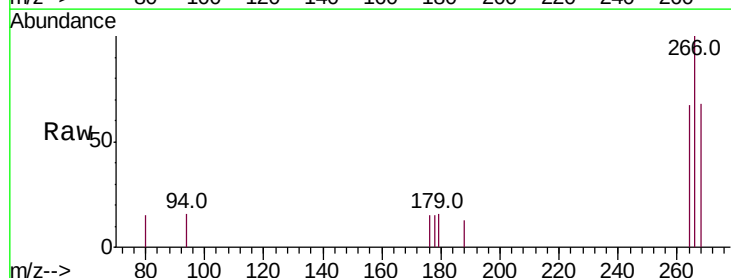
Instrument :
 BNA_N
 ClientSampleId :
 SST00.416

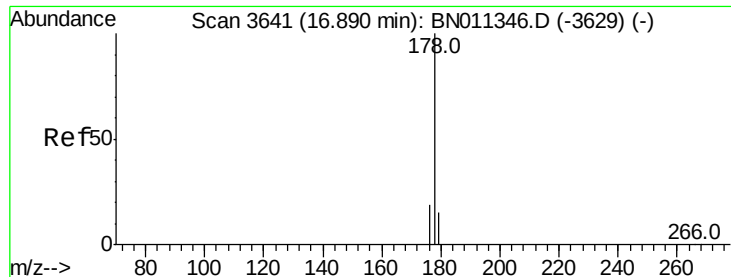
Tot Ion:166 Resp: 4060
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.8 118.2
 167 15.0 12.1 18.1



#11
Pentachlorophenol
 Concen: 0.473 ng/ul
 RT: 16.51 min Scan# 3552
 Delta R.T. -0.00 min
 Lab File: BN011356.D
 Acq: 04 Aug 2020 06:13

Tgt Ion:266 Resp: 576
 Ion Ratio Lower Upper
 266 100
 264 61.3 50.7 76.1
 268 64.6 51.3 76.9





#12

Phenanthrene

Concen: 0.430 ng/ul

RT: 16.89 min Scan# 3641

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

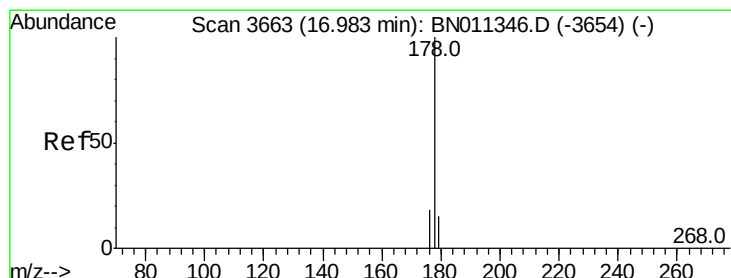
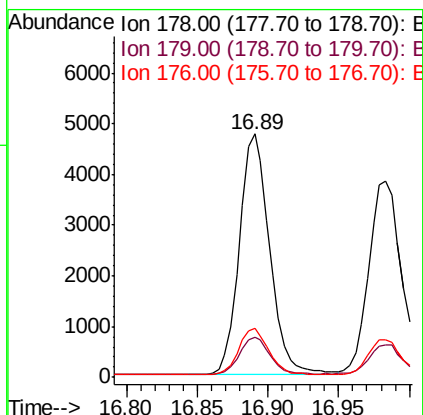
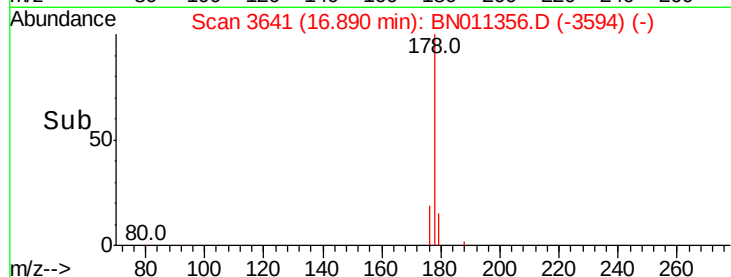
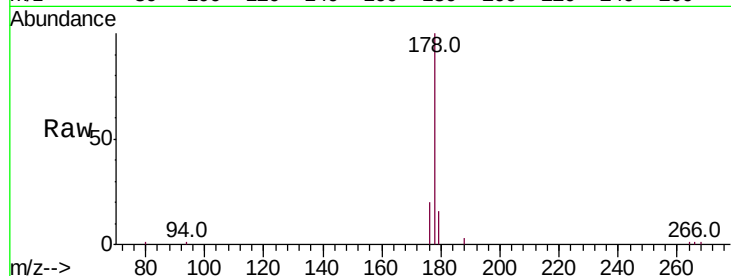
Tot Ion:178 Resp: 7073

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 20.1 15.7 23.5



#13

Anthracene

Concen: 0.447 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

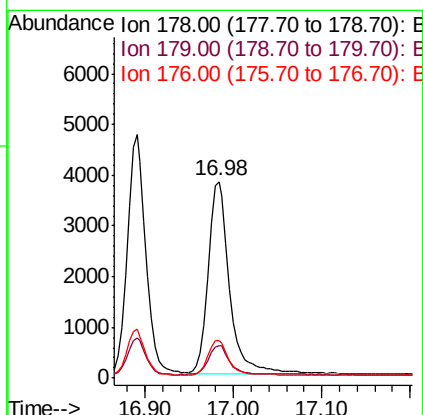
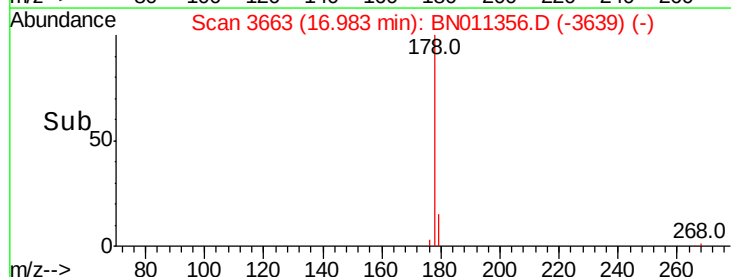
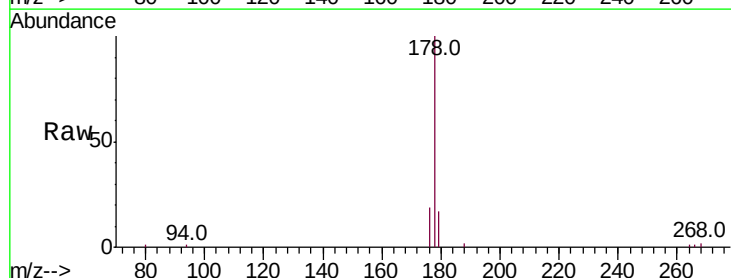
Tgt Ion:178 Resp: 6415

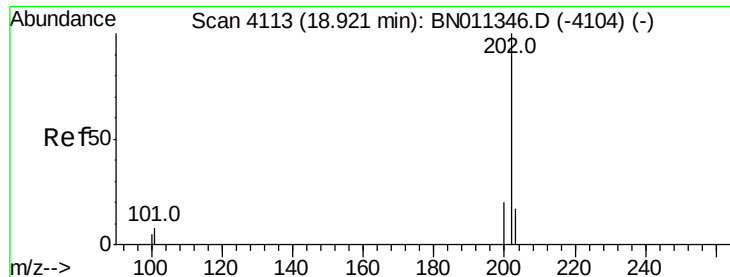
Ion Ratio Lower Upper

178 100

179 16.6 13.1 19.7

176 19.2 14.8 22.2

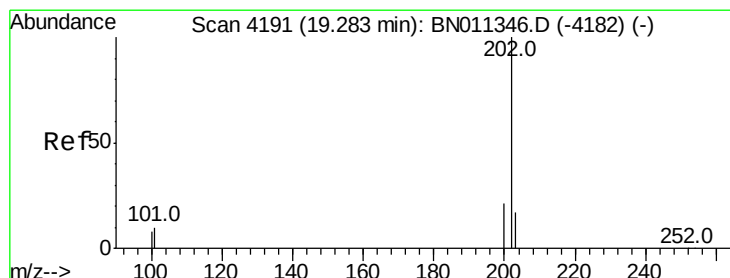
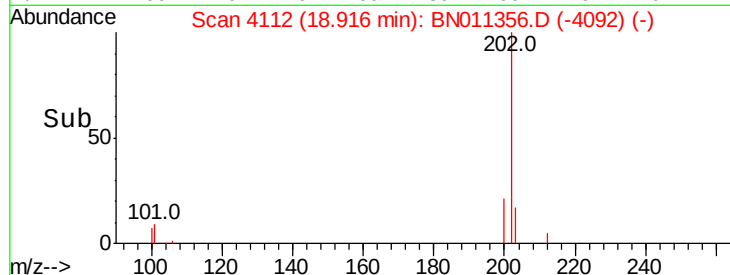
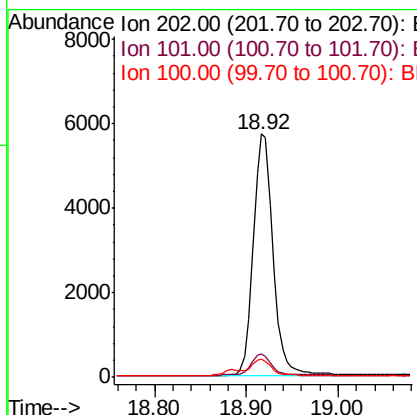
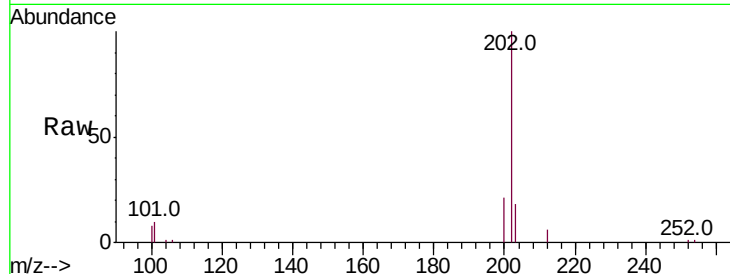




#15
Fluoranthene
 Concen: 0.419 ng/ul
 RT: 18.92 min Scan# 4112
 Delta R.T. -0.00 min
 Lab File: BN011356.D
 Acq: 04 Aug 2020 06:13

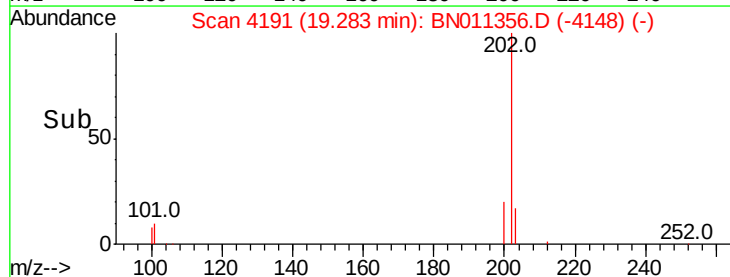
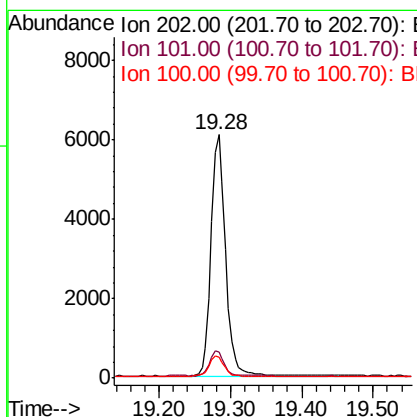
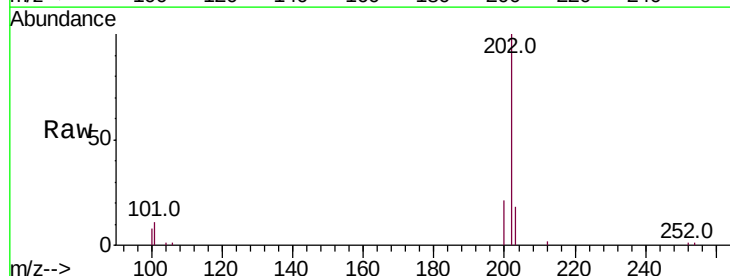
Instrument :
 BNA_N
 ClientSampleId :
 SST0.416

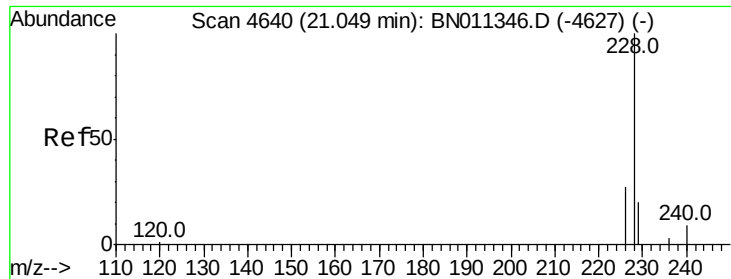
Tot Ion:202 Resp: 8488
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 28.2
 100 7.6 0.0 26.8



#17
Pyrene
 Concen: 0.376 ng/ul
 RT: 19.28 min Scan# 4191
 Delta R.T. -0.00 min
 Lab File: BN011356.D
 Acq: 04 Aug 2020 06:13

Tgt Ion:202 Resp: 8582
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.5 12.7
 100 8.5 7.1 10.7





#18

Benzo(a)anthracene

Concen: 0.425 ng/ul

RT: 21.05 min Scan# 4639

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

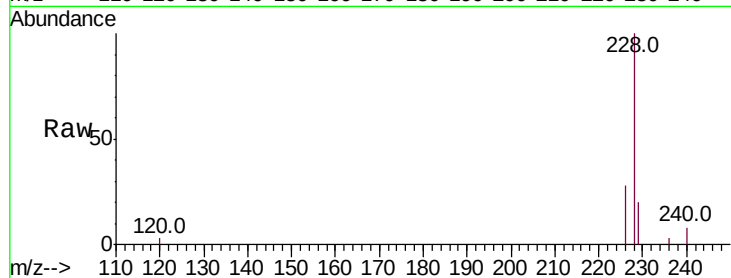
Tot Ion:228 Resp: 8210

Ion Ratio Lower Upper

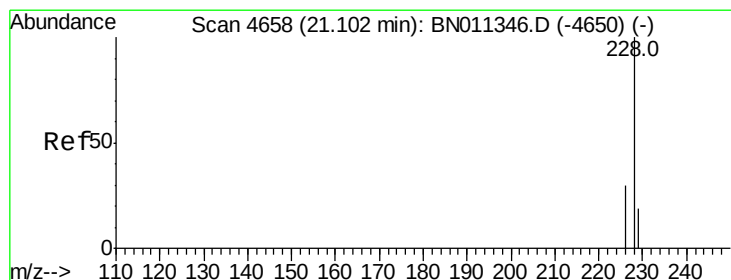
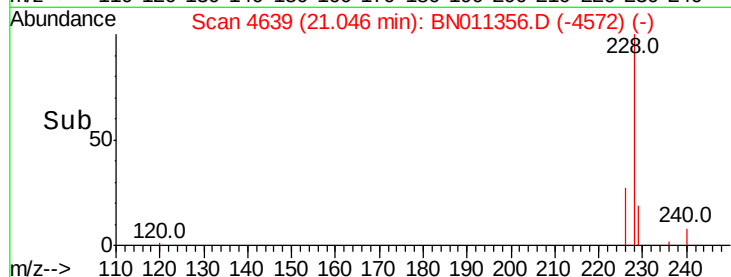
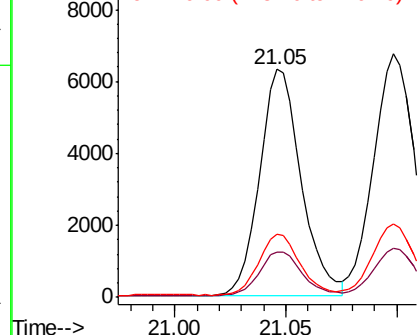
228 100

229 19.9 16.1 24.1

226 27.7 22.2 33.2



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: 0.415 ng/ul

RT: 21.10 min Scan# 4657

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

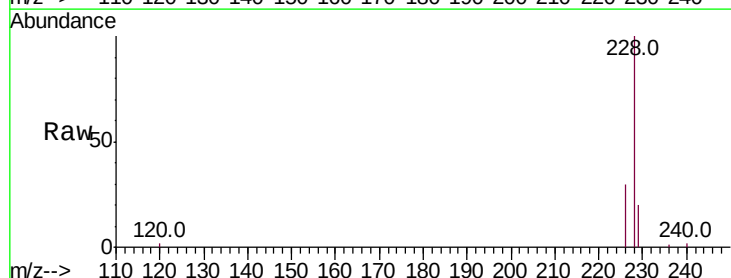
Tgt Ion:228 Resp: 9200

Ion Ratio Lower Upper

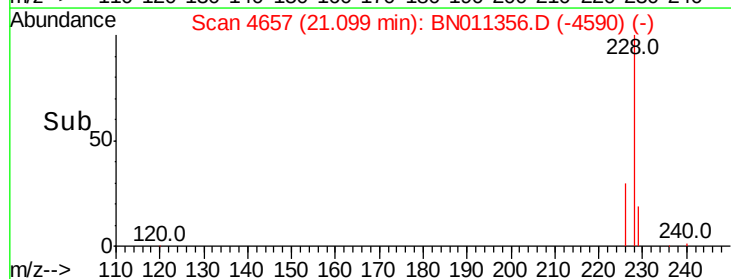
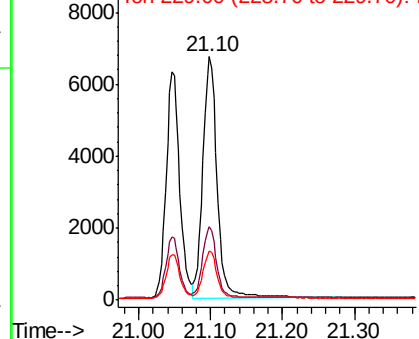
228 100

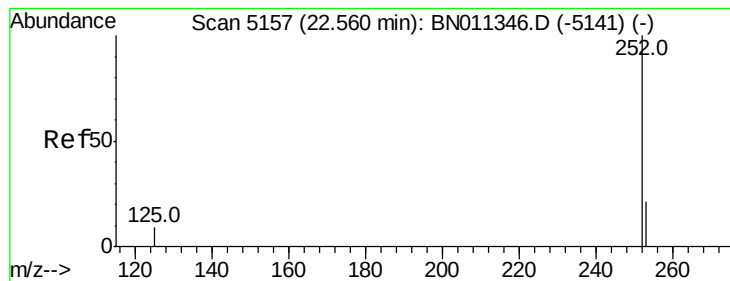
226 30.4 24.5 36.7

229 20.0 15.8 23.6



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: 0.385 ng/ul

RT: 22.56 min Scan# 5156

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

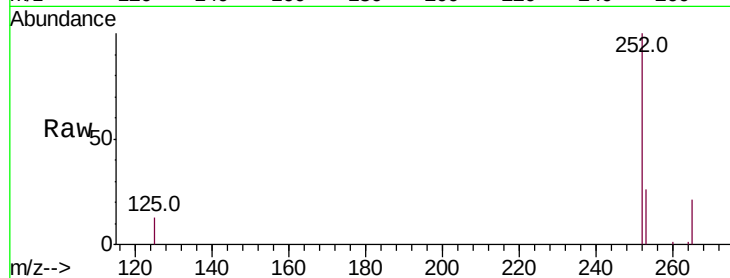
Tot Ion:252 Resp: 9457

Ion Ratio Lower Upper

252 100

253 26.2 0.0 51.8

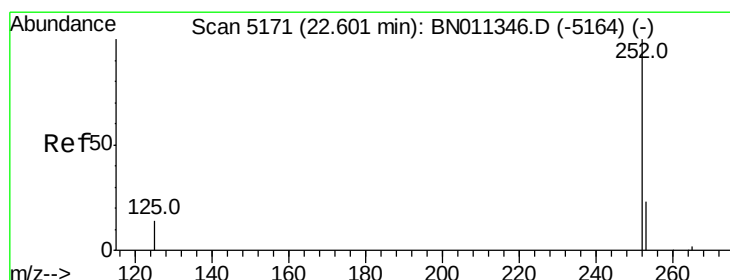
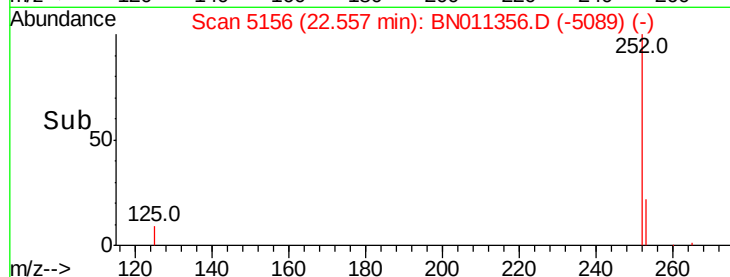
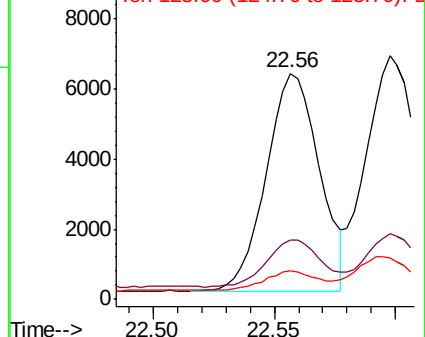
125 12.6 0.0 24.2



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: 0.398 ng/ul

RT: 22.60 min Scan# 5170

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

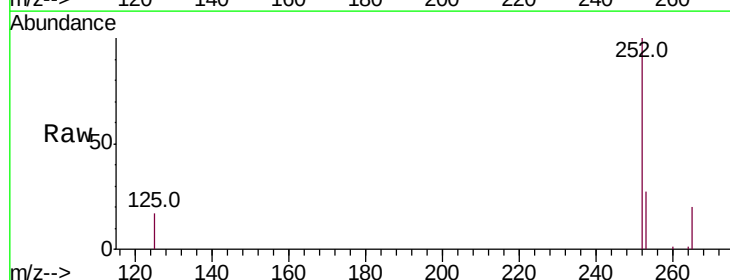
Tgt Ion:252 Resp: 10947

Ion Ratio Lower Upper

252 100

253 26.9 21.4 32.0

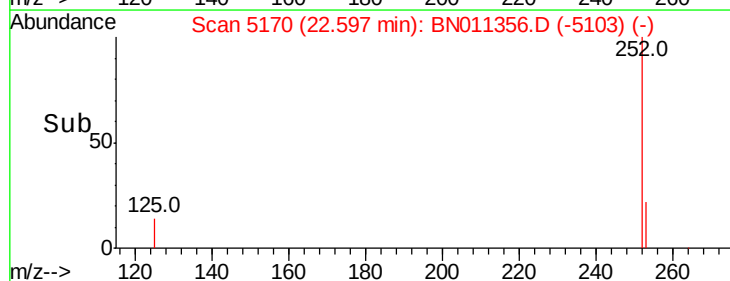
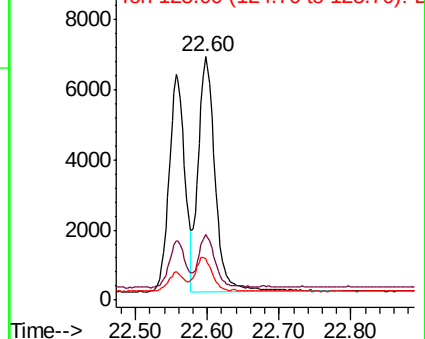
125 17.0 12.6 18.8

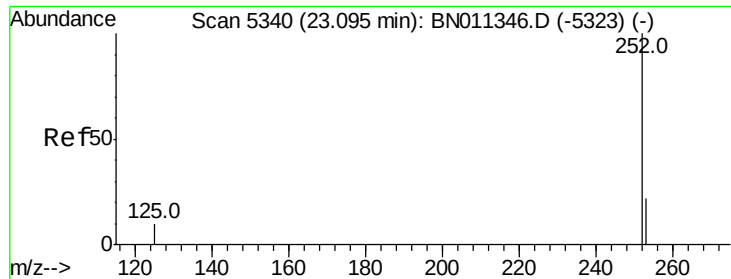


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.420 ng/ul

RT: 23.09 min Scan# 5338

Delta R.T. -0.01 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

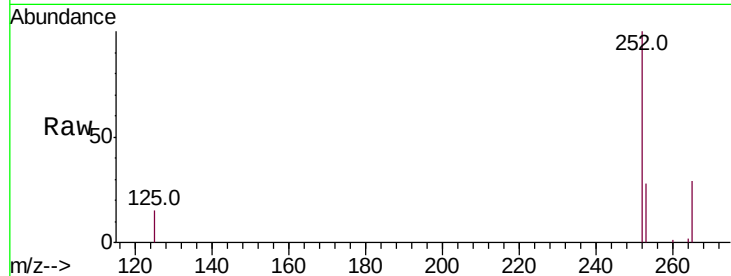
Tot Ion:252 Resp: 8959

Ion Ratio Lower Upper

252 100

253 27.8 22.6 34.0

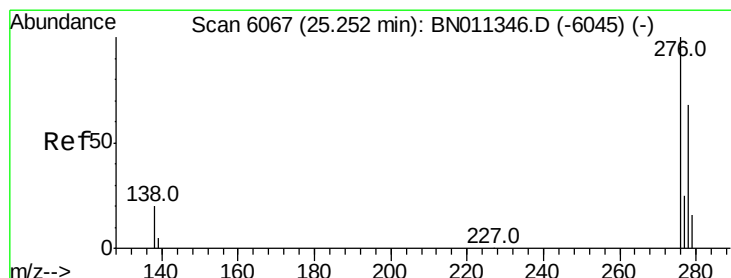
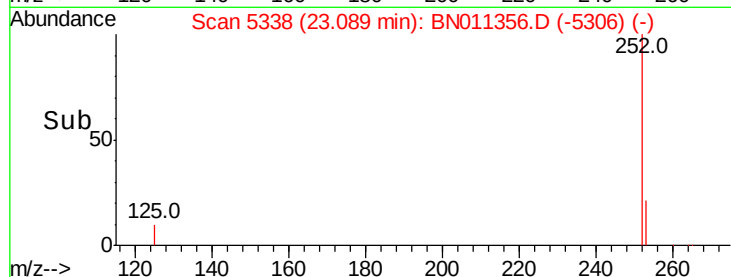
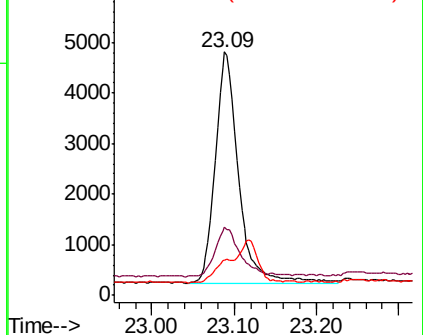
125 14.5 12.6 18.8



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: 0.492 ng/ul

RT: 25.25 min Scan# 6065

Delta R.T. -0.01 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

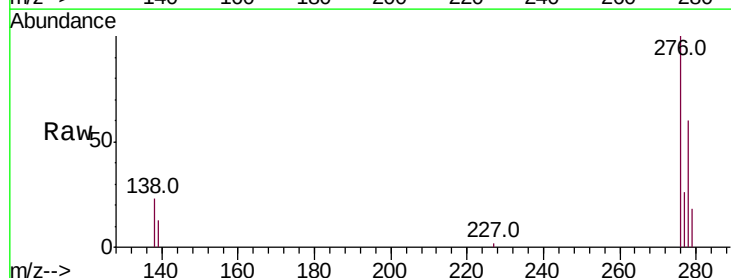
Tgt Ion:276 Resp: 11043

Ion Ratio Lower Upper

276 100

138 22.0 18.1 27.1

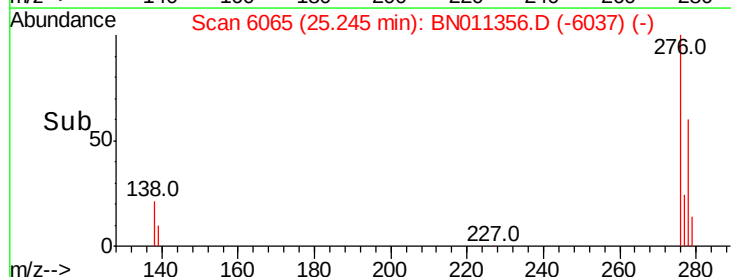
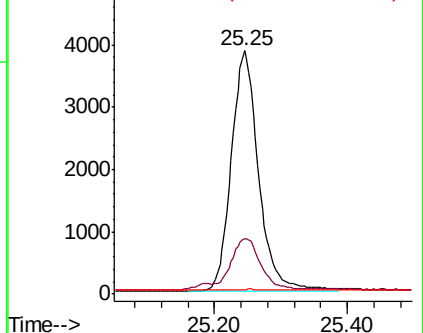
227 0.2 0.2 0.4#

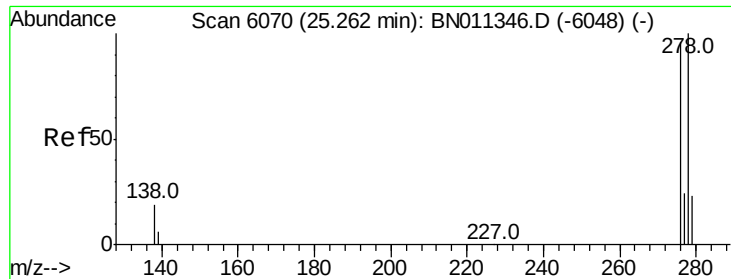


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.500 ng/ul

RT: 25.26 min Scan# 6069

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

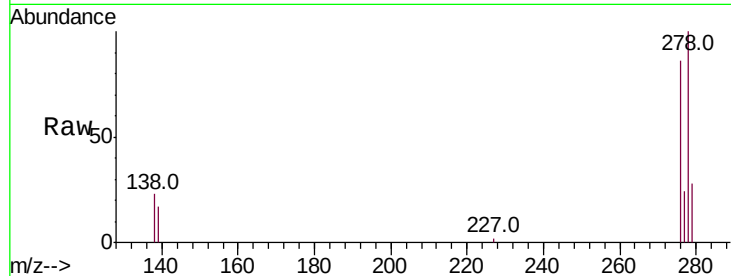
Tot Ion:278 Resp: 8944

Ion Ratio Lower Upper

278 100

139 17.0 14.0 21.0

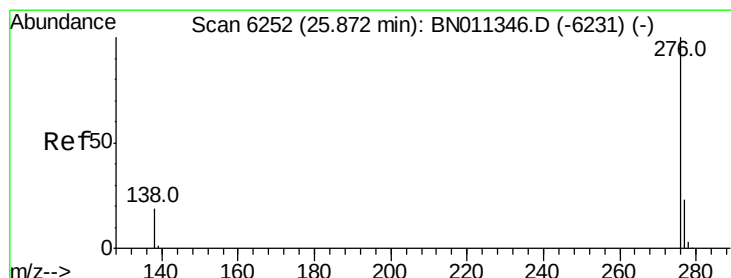
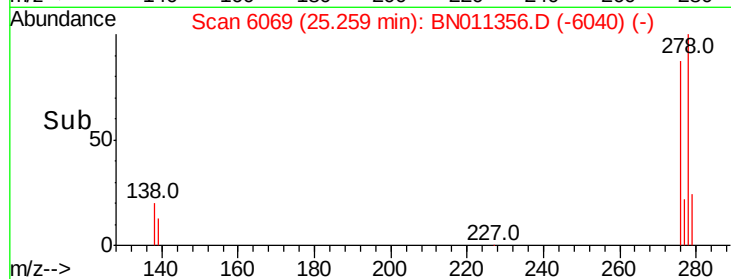
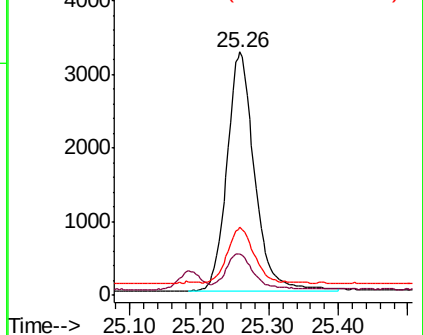
279 28.1 22.9 34.3



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: 0.466 ng/ul

RT: 25.87 min Scan# 6251

Delta R.T. -0.00 min

Lab File: BN011356.D

Acq: 04 Aug 2020 06:13

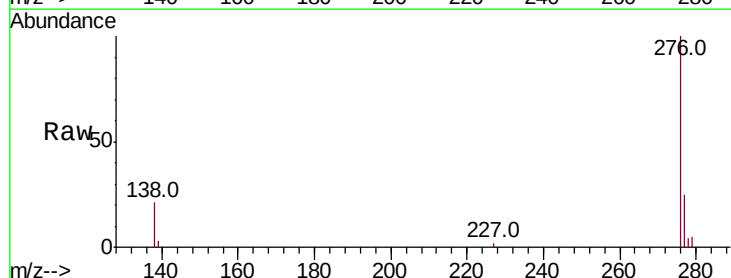
Tgt Ion:276 Resp: 9449

Ion Ratio Lower Upper

276 100

138 21.5 16.4 24.6

277 25.3 20.2 30.4



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

