

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
 Data File : BN008449.D
 Acq On : 05 Nov 2019 16:26
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 11:11:36 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 : Thu Nov 07 10:57:49 2019
 Response via : Initial Calibration

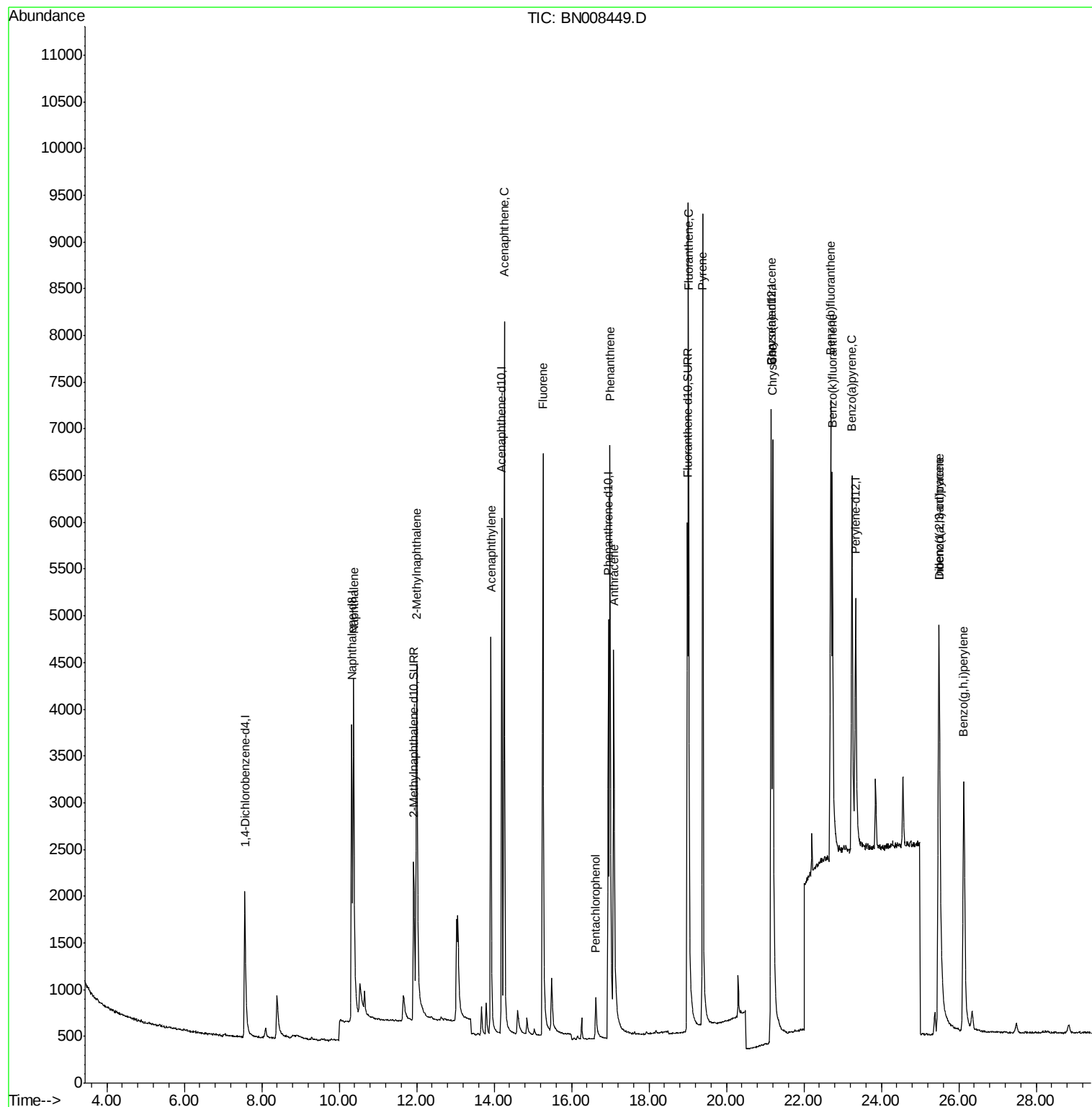
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1331	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	5686	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	3540	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	6626	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	4587	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	4278	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	3545	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	7761	0.39	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.37	128	6514	0.403	ng/ul	100
5) 2-Methylnaphthalene	12.00	142	4237	0.393	ng/ul	99
7) Acenaphthylene	13.92	152	5971	0.362	ng/ul	99
8) Acenaphthene	14.26	153	4982	0.373	ng/ul	99
9) Fluorene	15.26	166	5326	0.364	ng/ul	100
11) Pentachlorophenol	16.62	266	513	0.356	ng/ul	100
12) Phenanthrene	16.99	178	8053	0.400	ng/ul	100
13) Anthracene	17.09	178	6824	0.387	ng/ul	100
15) Fluoranthene	19.02	202	9049	0.392	ng/ul	99
17) Pyrene	19.39	202	9352	0.417	ng/ul	100
18) Benzo(a)anthracene	21.15	228	6108	0.382	ng/ul	100
19) Chrysene	21.20	228	8447	0.416	ng/ul	100
21) Benzo(b)fluoranthene	22.69	252	6113	0.383	ng/ul	99
22) Benzo(k)fluoranthene	22.73	252	7334	0.405	ng/ul	98
23) Benzo(a)pyrene	23.24	252	6358	0.396	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.48	276	7323	0.401	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	5788	0.400	ng/ul	99
26) Benzo(g,h,i)perylene	26.13	276	6640	0.406	ng/ul	100

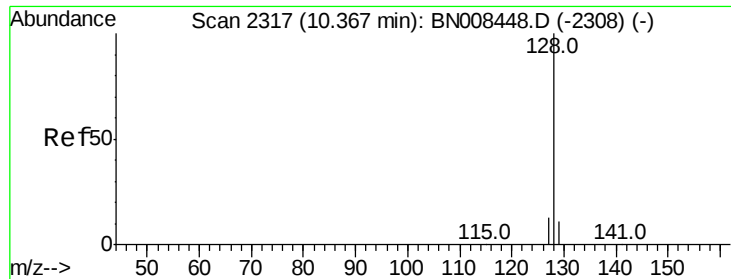
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.403 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

Instrument :

BNA_N

ClientSampleId :

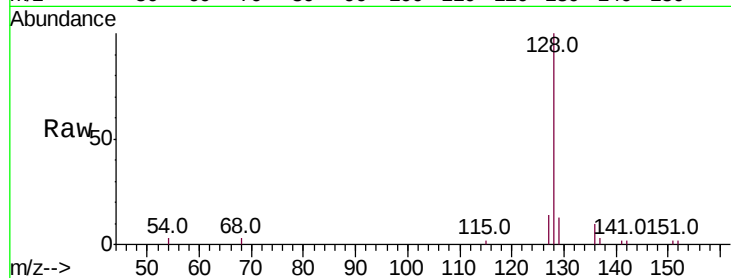
Tot Ion:128 Resp: 6514

Ion Ratio Lower Upper

128 100

129 12.5 10.0 15.0

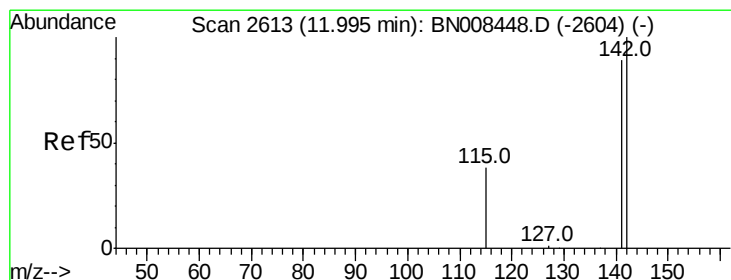
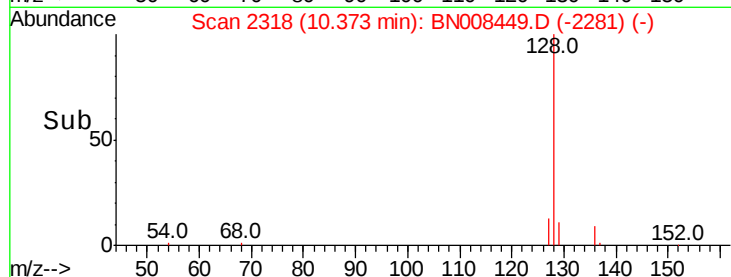
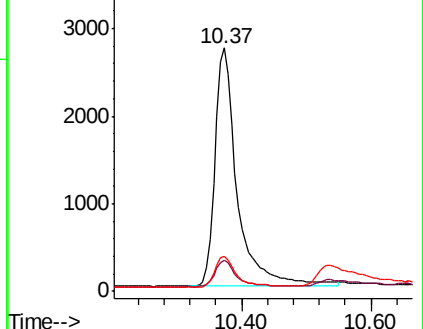
127 14.5 11.6 17.4



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: 0.393 ng/ul

RT: 12.00 min Scan# 2614

Delta R.T. 0.01 min

Lab File: BN008449.D

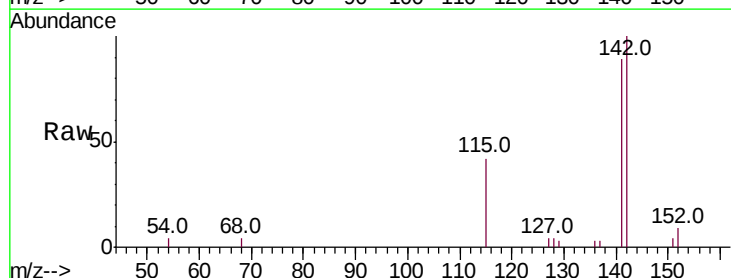
Acq: 05 Nov 2019 16:26

Tgt Ion:142 Resp: 4237

Ion Ratio Lower Upper

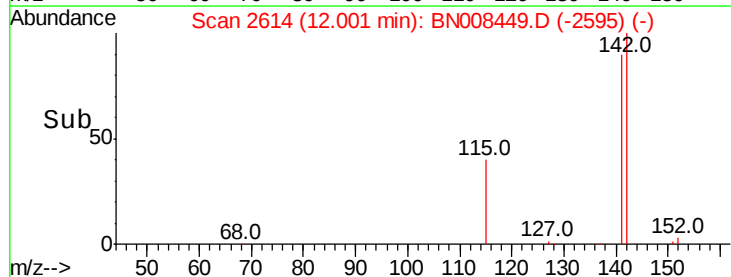
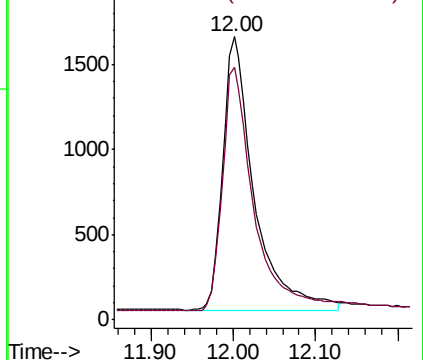
142 100

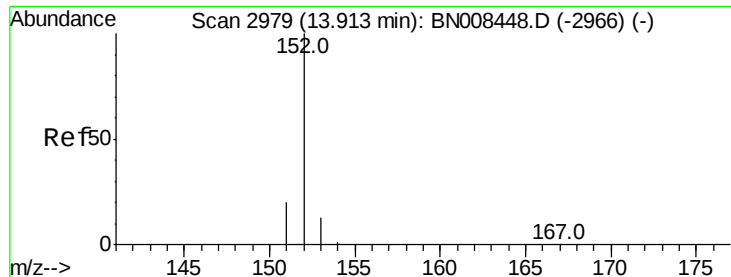
141 89.9 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.362 ng/ul

RT: 13.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

Instrument :

BNA_N

ClientSampleId :

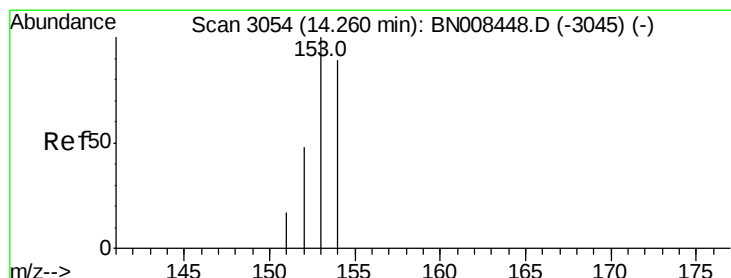
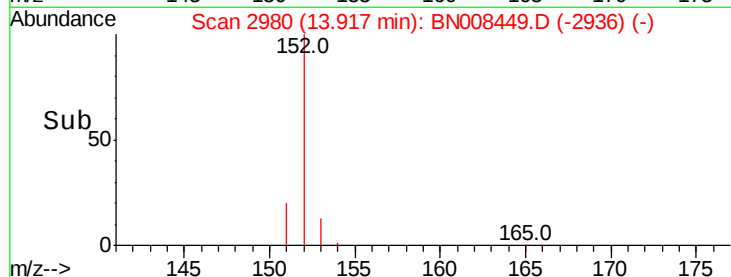
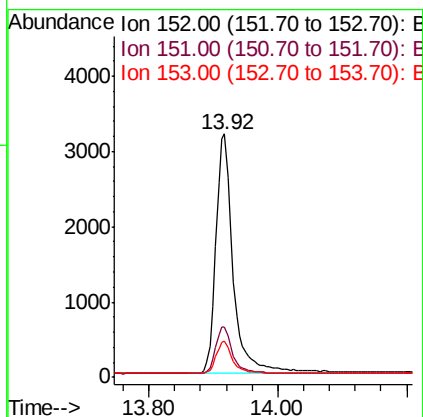
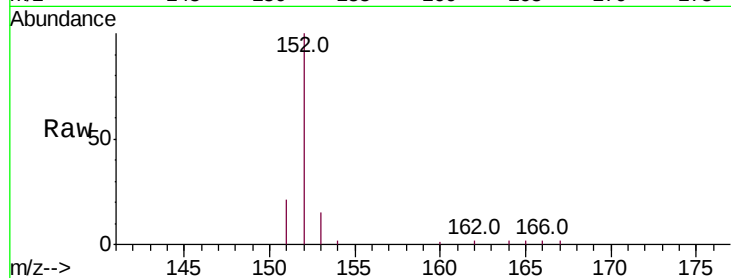
Tot Ion:152 Resp: 5971

Ion Ratio Lower Upper

152 100

151 20.8 16.7 25.1

153 14.7 11.4 17.2



#8

Acenaphthene

Concen: 0.373 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

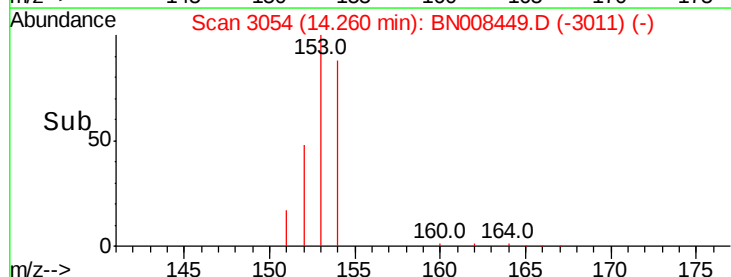
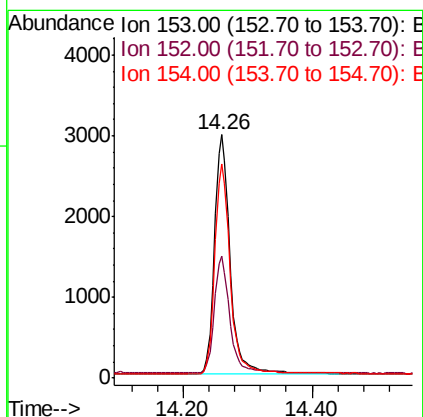
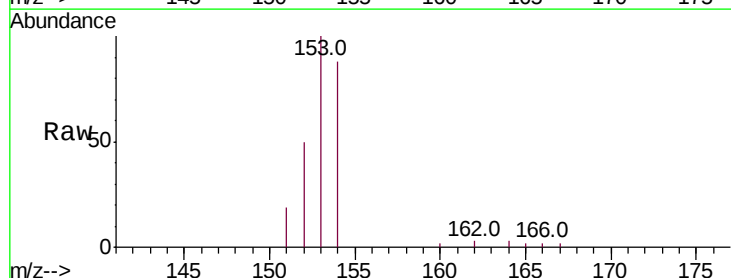
Tgt Ion:153 Resp: 4982

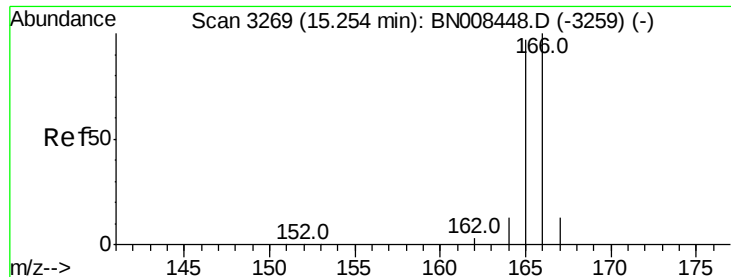
Ion Ratio Lower Upper

153 100

152 50.1 39.8 59.8

154 88.1 71.6 107.4

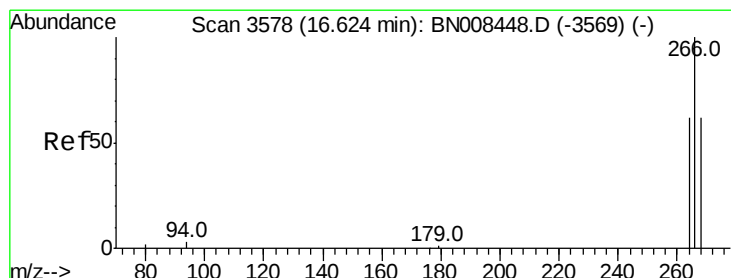
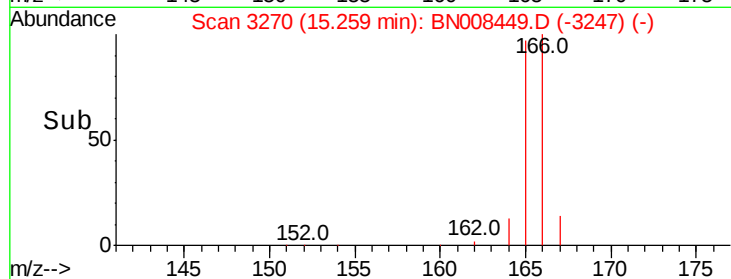
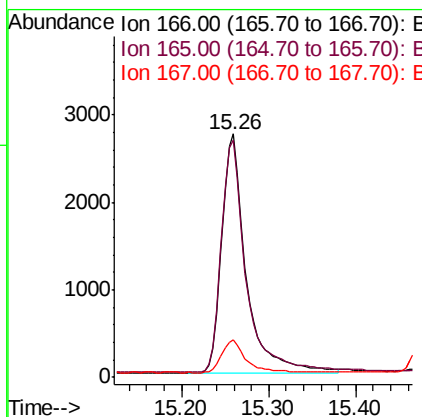
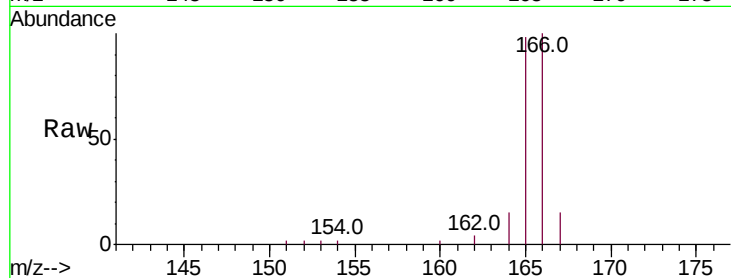




#9
Fluorene
 Concen: 0.364 ng/ul
 RT: 15.26 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BN008449.D
 Acq: 05 Nov 2019 16:26

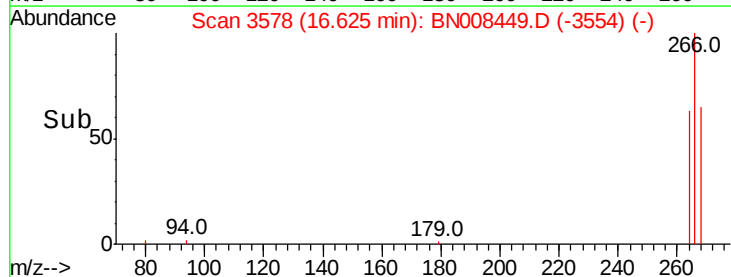
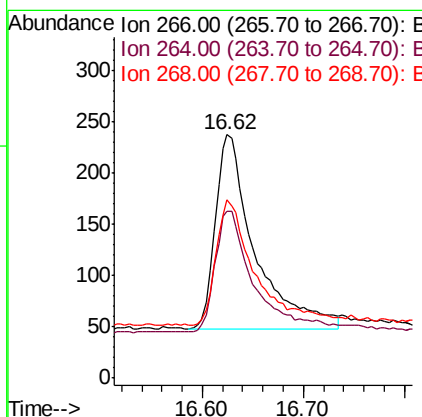
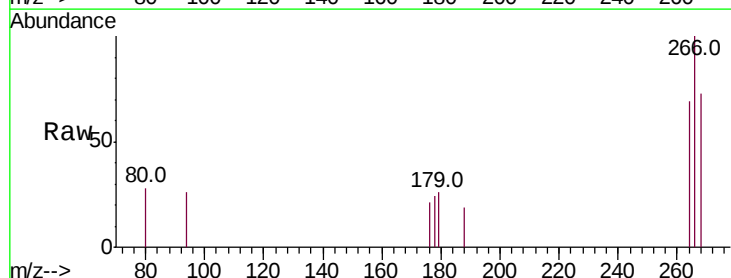
Instrument :
 BNA_N
 ClientSampleId :

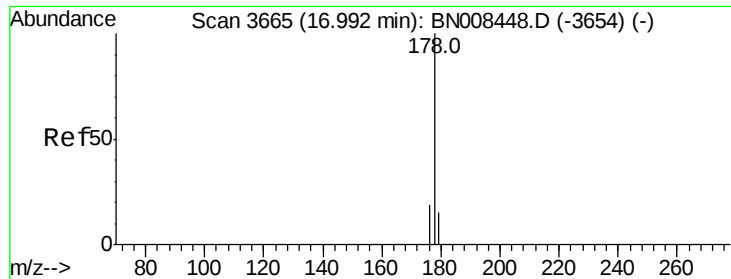
Tot Ion:166 Resp: 5326
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.2 117.2
 167 15.4 12.1 18.1



#11
Pentachlorophenol
 Concen: 0.356 ng/ul
 RT: 16.62 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: BN008449.D
 Acq: 05 Nov 2019 16:26

Tgt Ion:266 Resp: 513
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.8 74.8
 268 64.1 51.0 76.6





#12

Phenanthrene

Concen: 0.400 ng/ul

RT: 16.99 min Scan# 3665

Delta R.T. 0.00 min

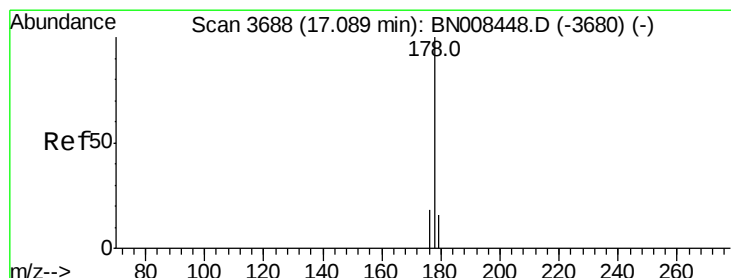
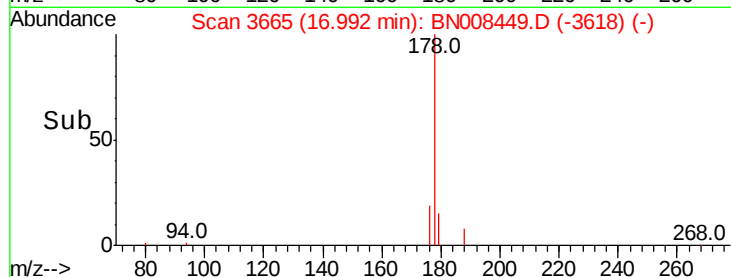
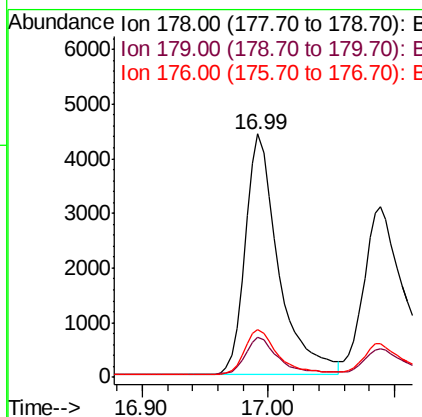
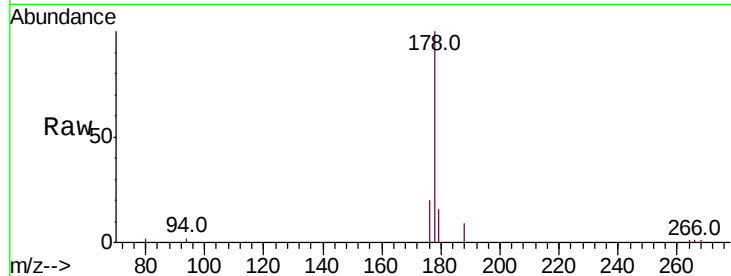
Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:178 Resp: 8053

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.2	19.8
176	19.7	15.6	23.4



#13

Anthracene

Concen: 0.387 ng/ul

RT: 17.09 min Scan# 3688

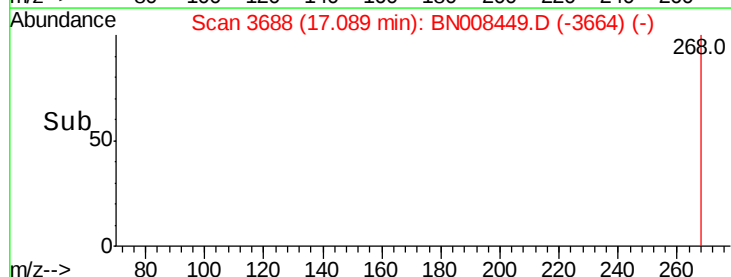
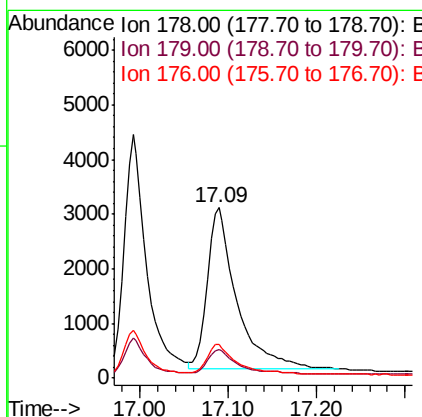
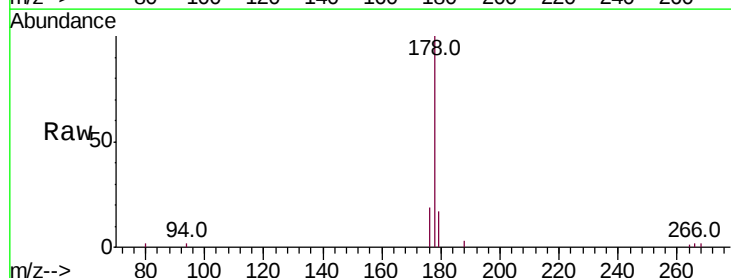
Delta R.T. 0.00 min

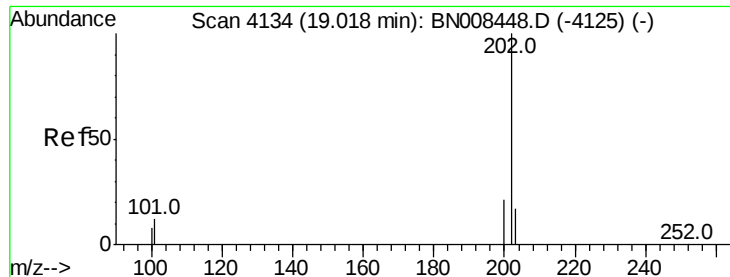
Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

Tgt Ion:178 Resp: 6824

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.7	20.5
176	19.5	15.7	23.5





#15

Fluoranthene

Concen: 0.392 ng/ul

RT: 19.02 min Scan# 4134

Delta R.T. 0.00 min

Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

Instrument :

BNA_N

ClientSampleId :

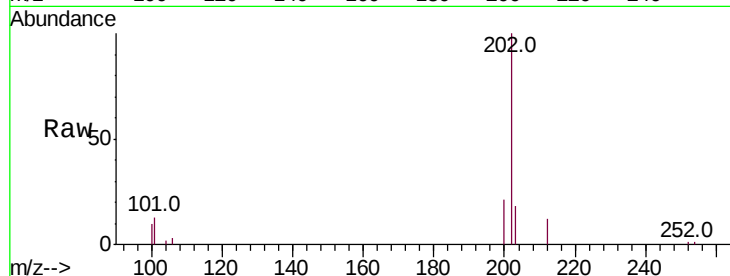
Tot Ion:202 Resp: 9049

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.0

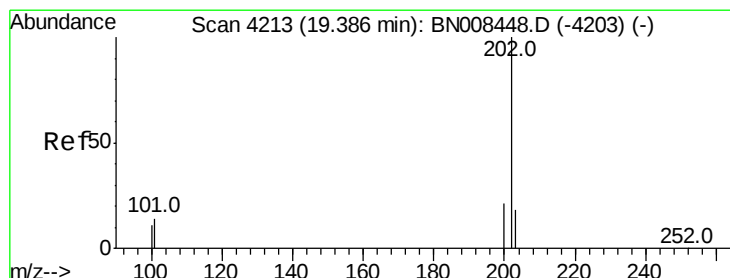
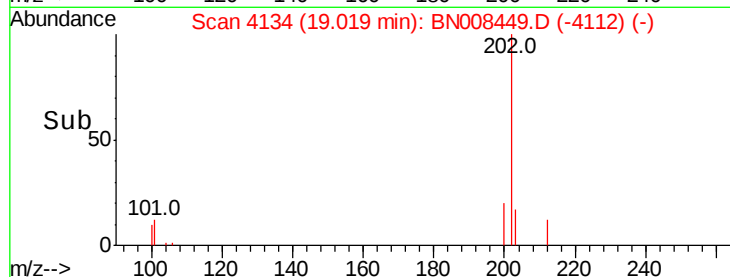
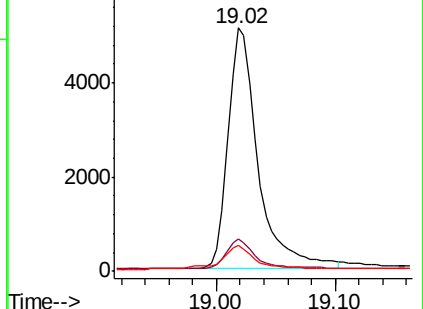
100 10.4 0.0 30.2



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: 0.417 ng/ul

RT: 19.39 min Scan# 4213

Delta R.T. 0.00 min

Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

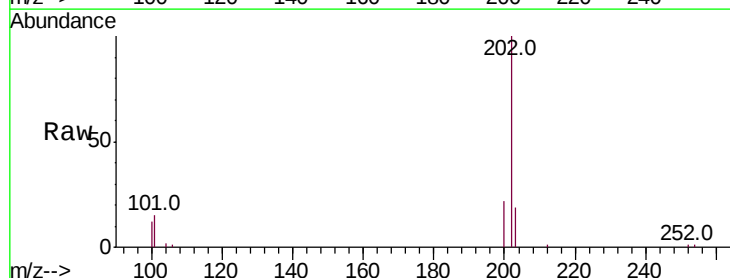
Tgt Ion:202 Resp: 9352

Ion Ratio Lower Upper

202 100

101 14.6 11.6 17.4

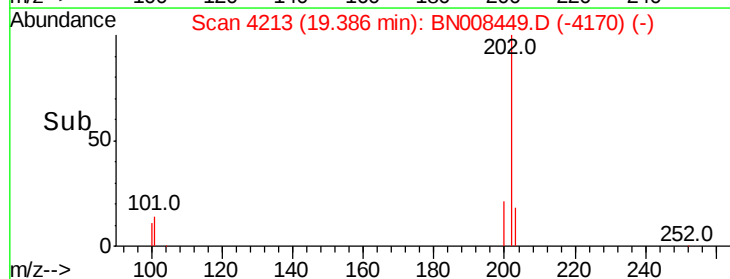
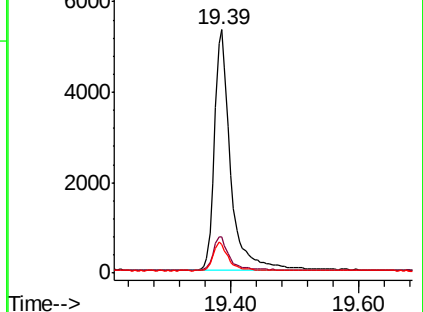
100 12.0 9.4 14.0

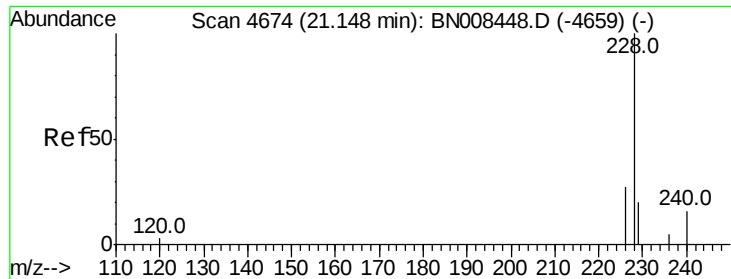


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

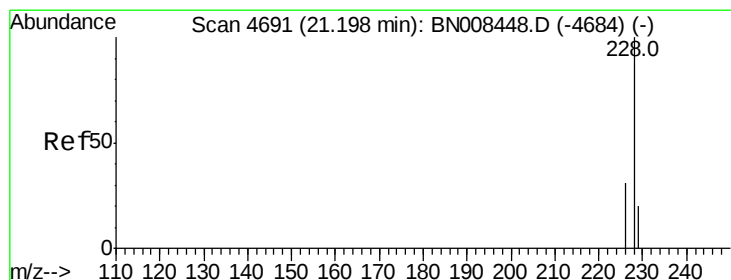
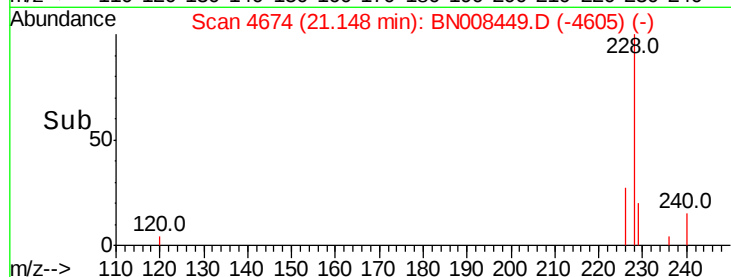
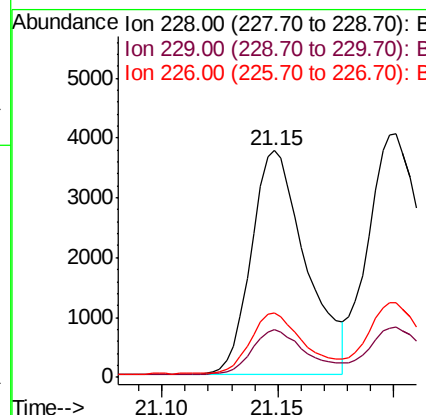
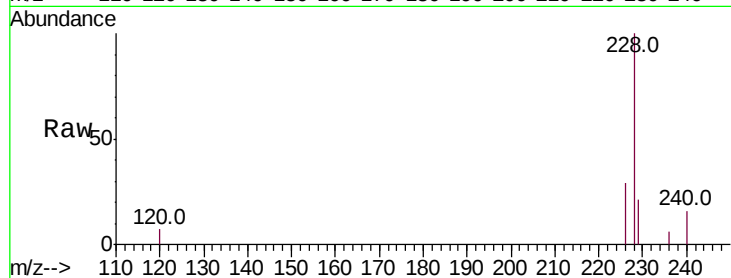




#18
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. 0.00 min
Lab File: BN008449.D
Acq: 05 Nov 2019 16:26

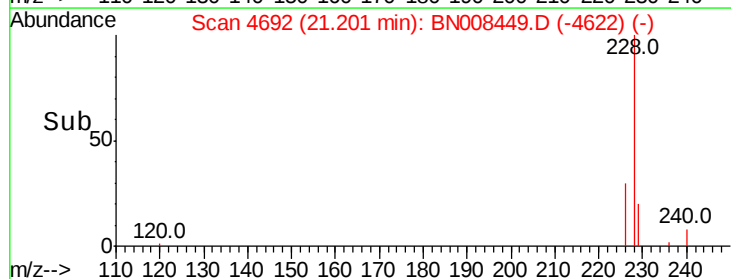
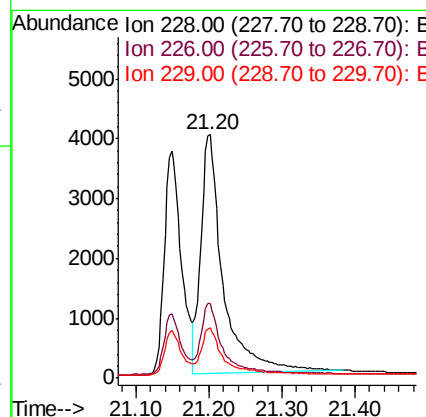
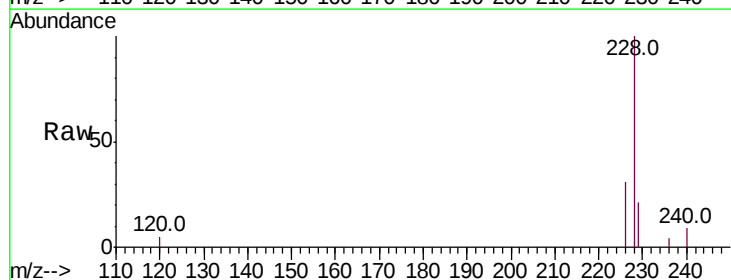
Instrument :
BNA_N
ClientSampleId :

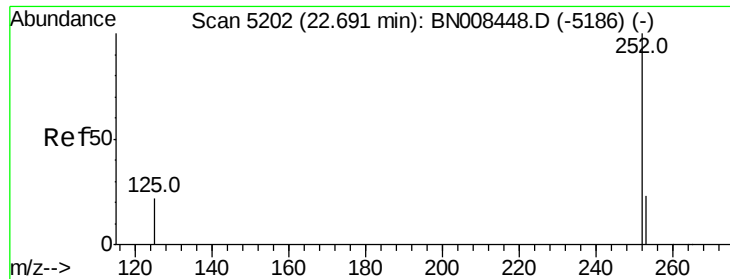
Tot Ion:228 Resp: 6108
Ion Ratio Lower Upper
228 100
229 20.9 16.6 24.8
226 28.5 22.8 34.2



#19
Chrysene
Concen: 0.416 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. 0.00 min
Lab File: BN008449.D
Acq: 05 Nov 2019 16:26

Tgt Ion:228 Resp: 8447
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 20.8 16.6 25.0





#21

Benzo(b)fluoranthene

Concen: 0.383 ng/ul

RT: 22.69 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

Instrument :

BNA_N

ClientSampleId :

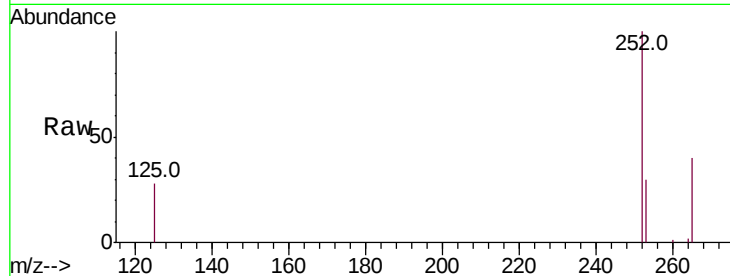
Tot Ion:252 Resp: 6113

Ion Ratio Lower Upper

252 100

253 29.6 0.0 58.4

125 28.4 0.0 58.6

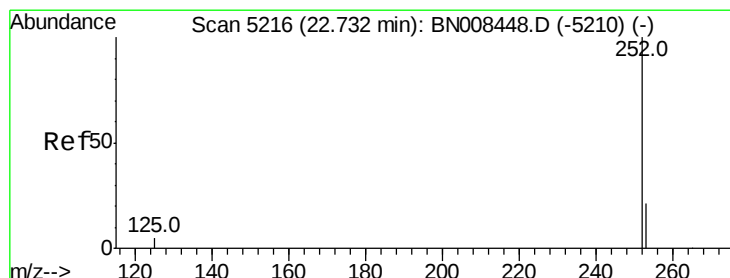
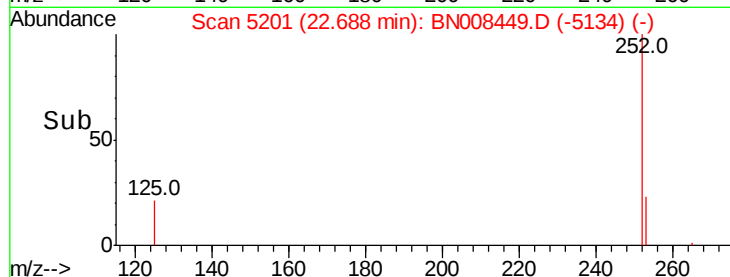
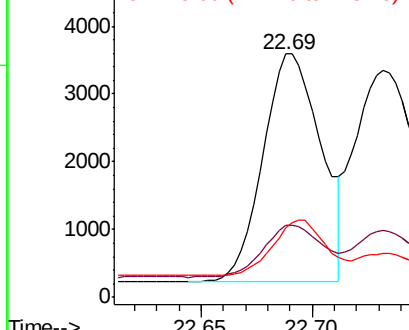


Abundance

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: 0.405 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. 0.00 min

Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

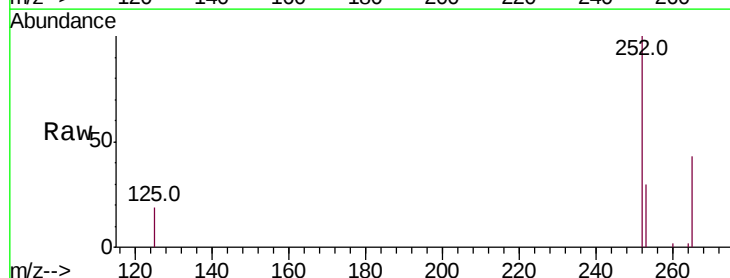
Tgt Ion:252 Resp: 7334

Ion Ratio Lower Upper

252 100

253 29.5 22.6 34.0

125 19.3 14.7 22.1

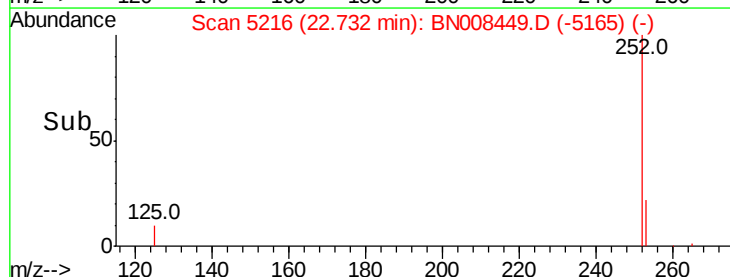
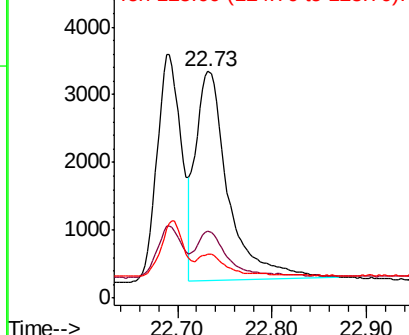


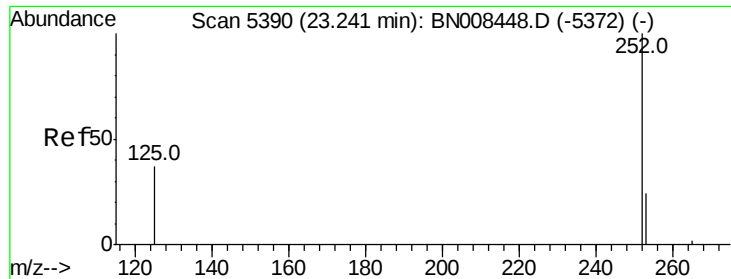
Abundance

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: 23.24 min Scan# 5390

Delta R.T. 0.00 min

Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

Instrument :

BNA_N

ClientSampleId :

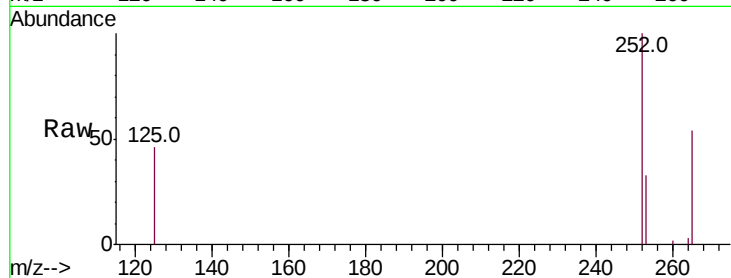
Tot Ion:252 Resp: 6358

Ion Ratio Lower Upper

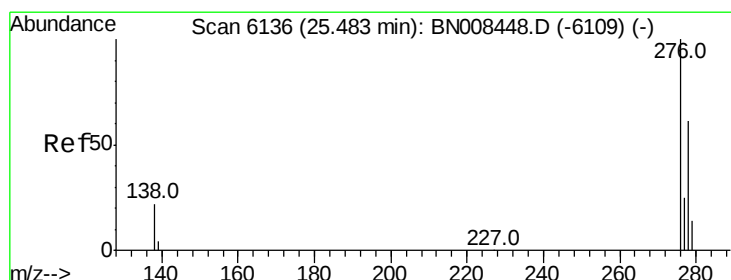
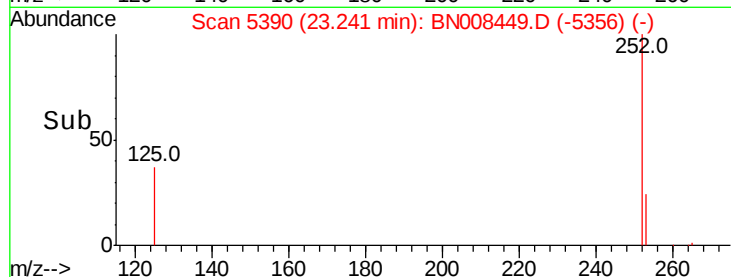
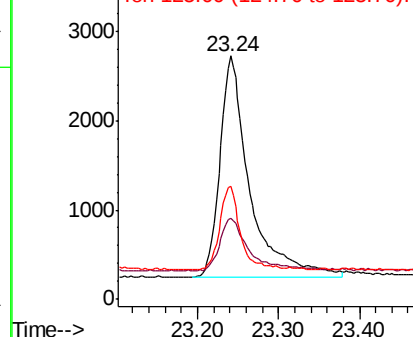
252 100

253 33.5 27.2 40.8

125 46.3 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: 0.401 ng/ul

RT: 25.48 min Scan# 6135

Delta R.T. -0.00 min

Lab File: BN008449.D

Acq: 05 Nov 2019 16:26

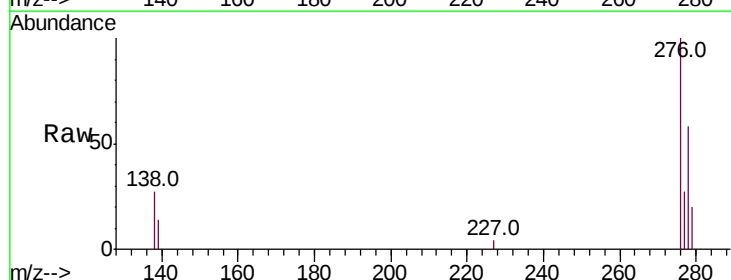
Tgt Ion:276 Resp: 7323

Ion Ratio Lower Upper

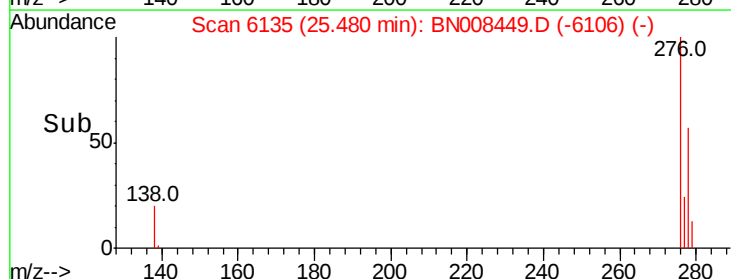
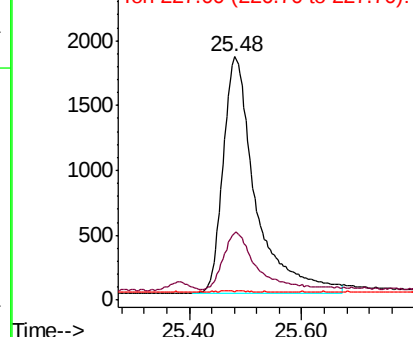
276 100

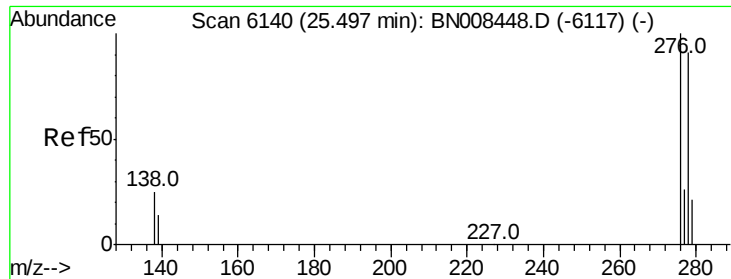
138 24.6 18.3 27.5

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



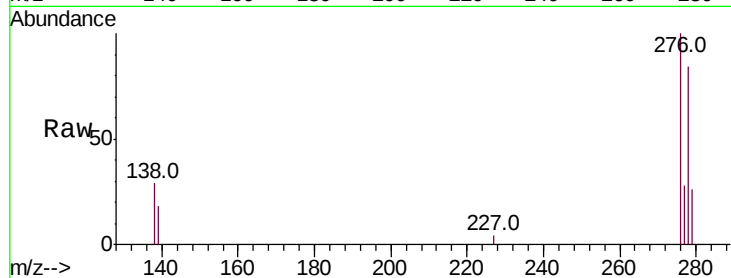


#25

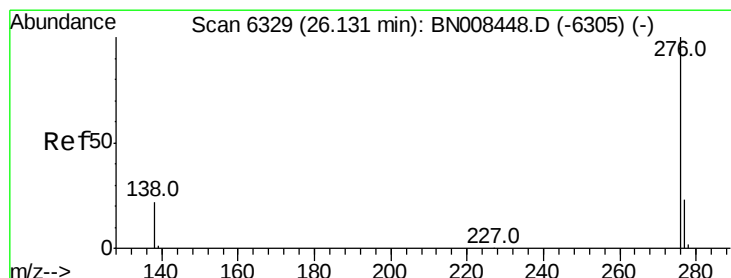
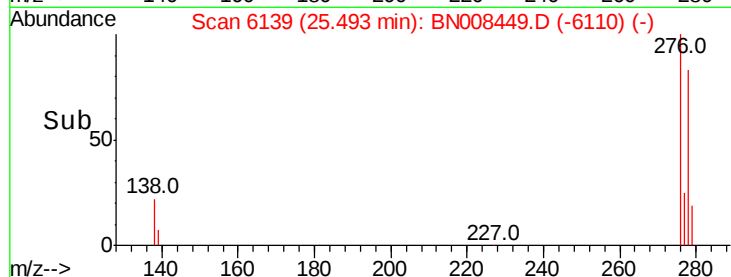
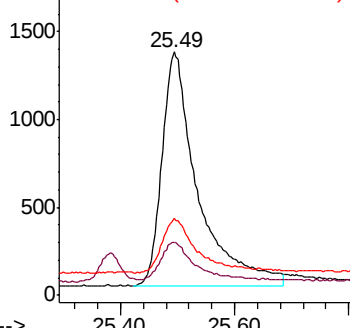
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.00 min
Lab File: BN008449.D
Acq: 05 Nov 2019 16:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 5788
Ion Ratio Lower Upper
278 100
139 21.5 17.6 26.4
279 31.6 25.1 37.7



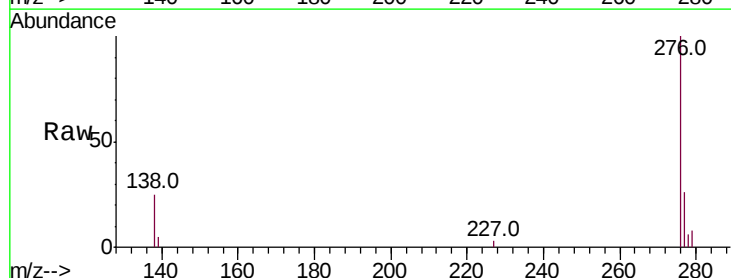
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 26.13 min Scan# 6328
Delta R.T. -0.00 min
Lab File: BN008449.D
Acq: 05 Nov 2019 16:26

Tgt Ion:276 Resp: 6640
Ion Ratio Lower Upper
276 100
138 25.2 20.1 30.1
277 26.2 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

