

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
 Data File : BN008441.D
 Acq On : 05 Nov 2019 11:17
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 10:50:27 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 10:46:19 2019
 Response via : Initial Calibration

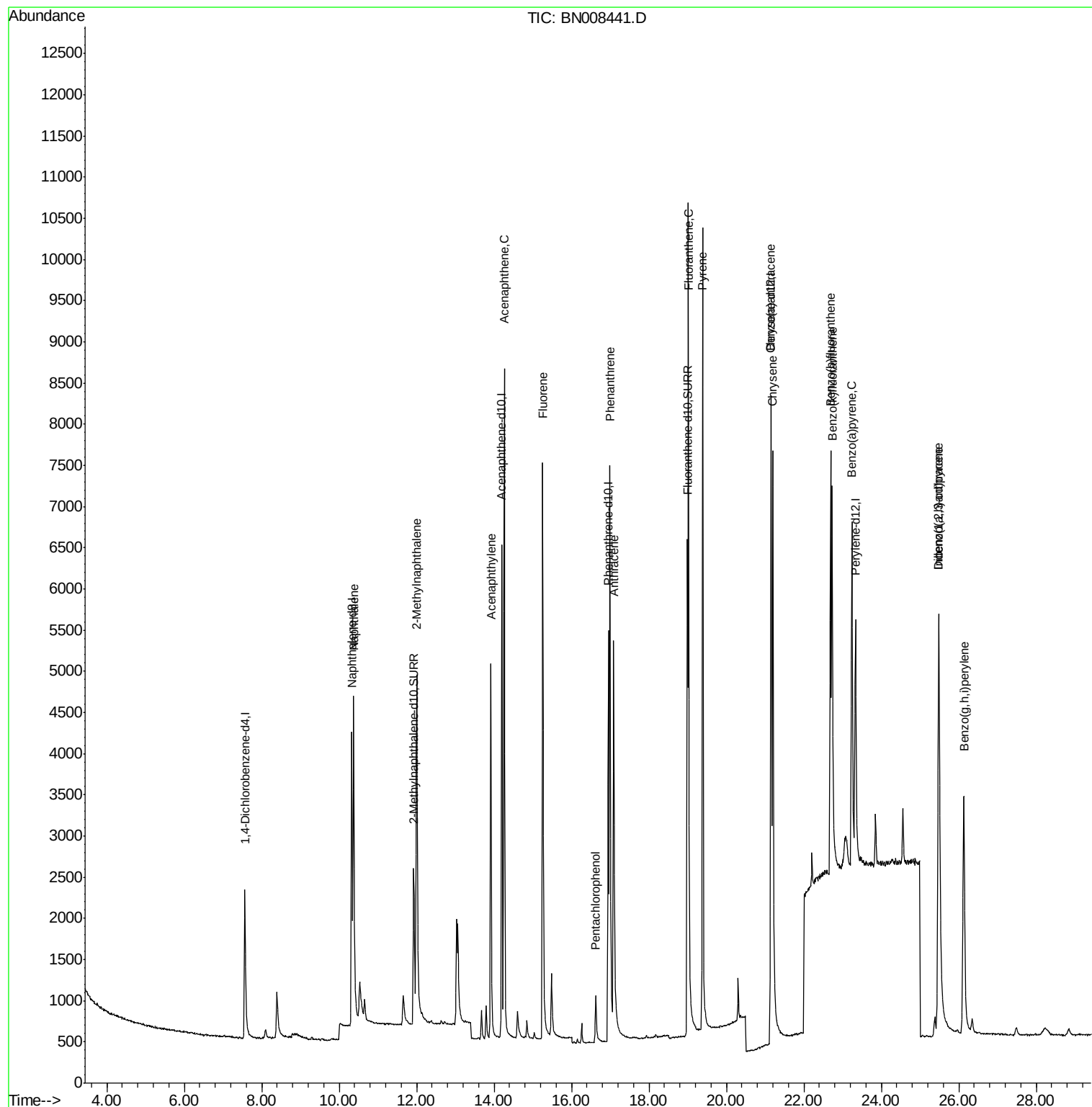
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1377	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	5918	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	3667	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	7037	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	4995	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	4584	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	3729	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	8331	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	6757	0.401	ng/ul	100
5) 2-Methylnaphthalene	12.00	142	4468	0.387	ng/ul	99
7) Acenaphthylene	13.92	152	6299	0.361	ng/ul	100
8) Acenaphthene	14.26	153	5140	0.378	ng/ul	99
9) Fluorene	15.25	166	5630	0.365	ng/ul	99
11) Pentachlorophenol	16.62	266	610	0.358	ng/ul	99
12) Phenanthrene	16.99	178	8553	0.415	ng/ul	100
13) Anthracene	17.08	178	7503	0.414	ng/ul	99
15) Fluoranthene	19.02	202	9682	0.356	ng/ul	99
17) Pyrene	19.39	202	10008	0.503	ng/ul	99
18) Benzo(a)anthracene	21.15	228	7043	0.388	ng/ul	100
19) Chrysene	21.20	228	8795	0.395	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	6388	0.428	ng/ul	98
22) Benzo(k)fluoranthene	22.73	252	7560	0.447	ng/ul	99
23) Benzo(a)pyrene	23.24	252	6655	0.424	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.48	276	7798	0.422	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	6232	0.426	ng/ul	98
26) Benzo(g,h,i)perylene	26.13	276	6892	0.406	ng/ul	99

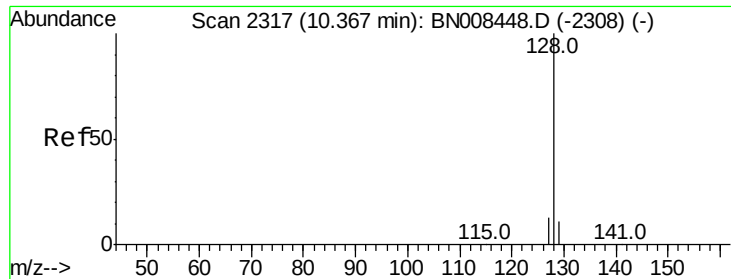
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

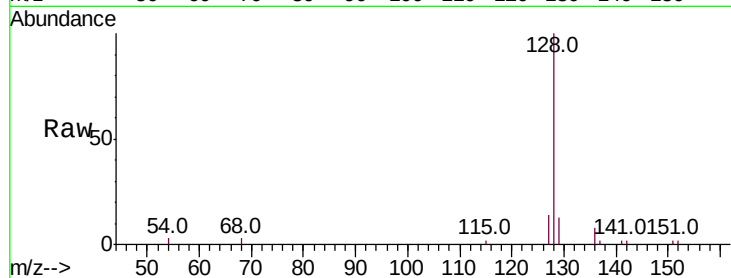
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 6757

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.0	15.0
127	14.4	11.6	17.4



Abundance

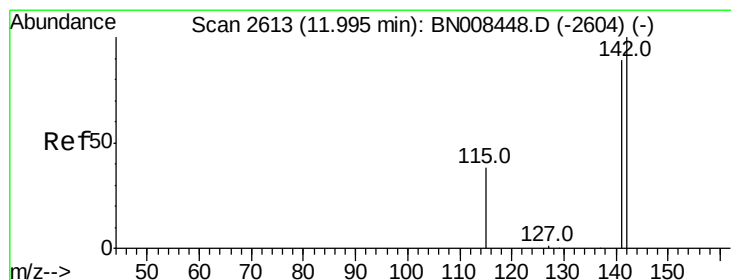
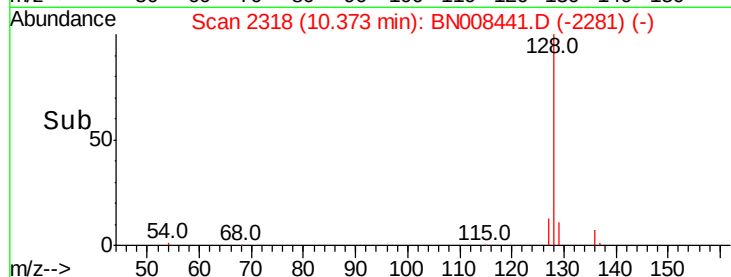
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.37

Time-->



#5

2-Methylnaphthalene

Concen: 0.387 ng/ul

RT: 12.00 min Scan# 2614

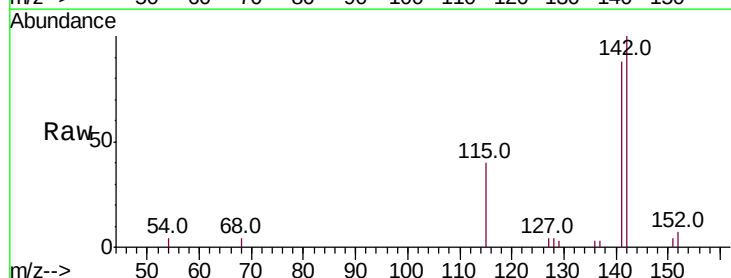
Delta R.T. 0.01 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

Tgt Ion:142 Resp: 4468

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.8	109.2



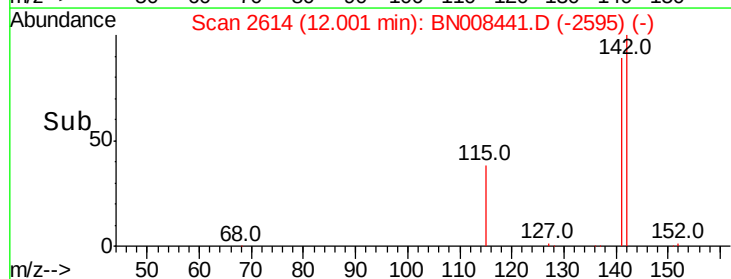
Abundance

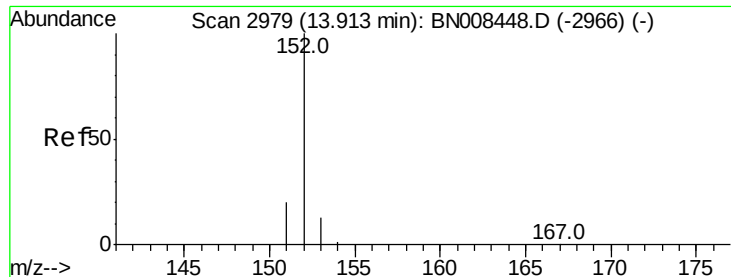
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.00

Time-->





#7

Acenaphthylene

Concen: 0.361 ng/ul

RT: 13.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

Instrument :

BNA_N

ClientSampleId :

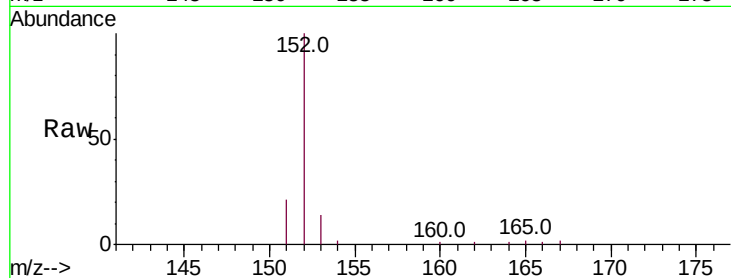
Tot Ion:152 Resp: 6299

Ion Ratio Lower Upper

152 100

151 21.0 16.7 25.1

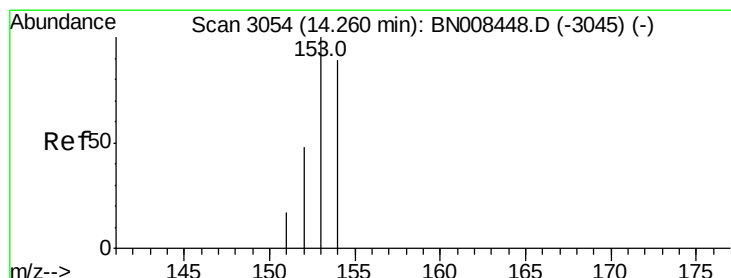
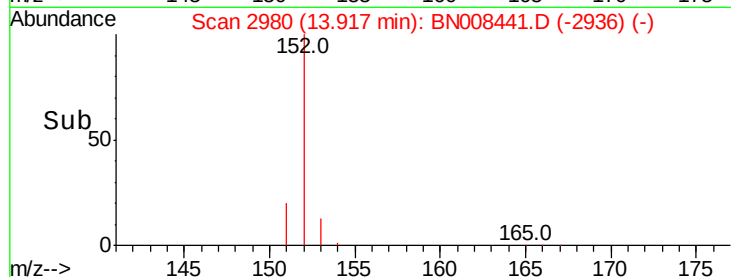
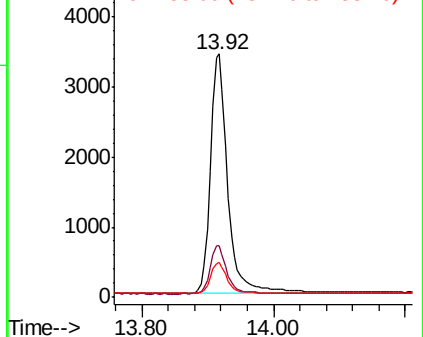
153 14.2 11.4 17.2



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: 0.378 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

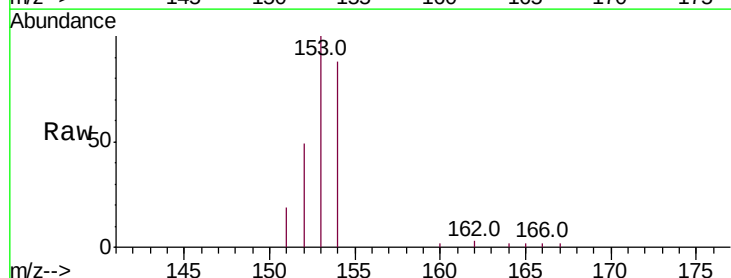
Tgt Ion:153 Resp: 5140

Ion Ratio Lower Upper

153 100

152 49.3 39.8 59.8

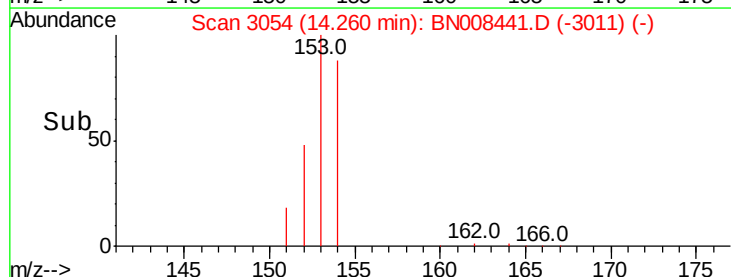
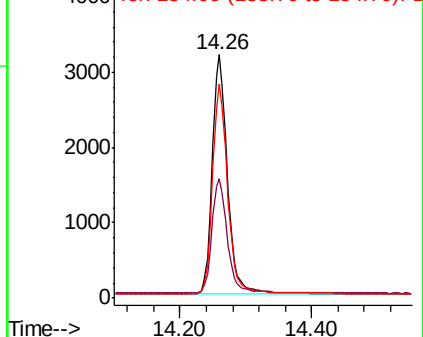
154 87.8 71.6 107.4

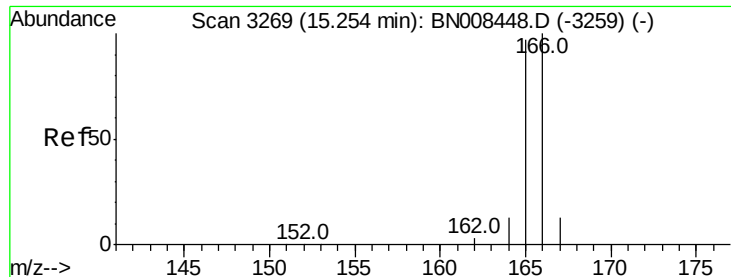


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.365 ng/ul

RT: 15.25 min Scan# 3269

Delta R.T. 0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

Instrument :

BNA_N

ClientSampleId :

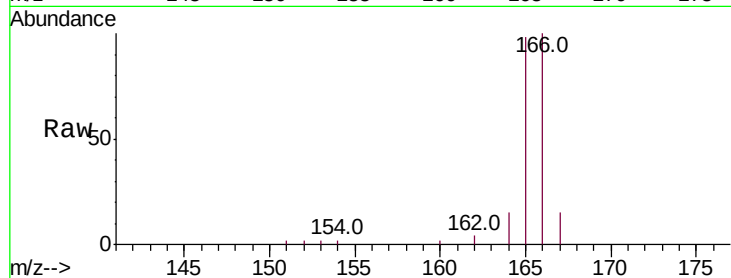
Tot Ion:166 Resp: 5630

Ion Ratio Lower Upper

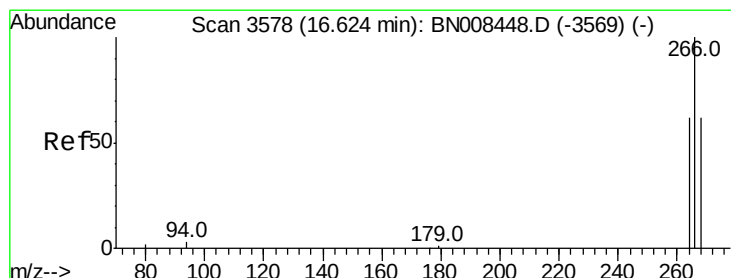
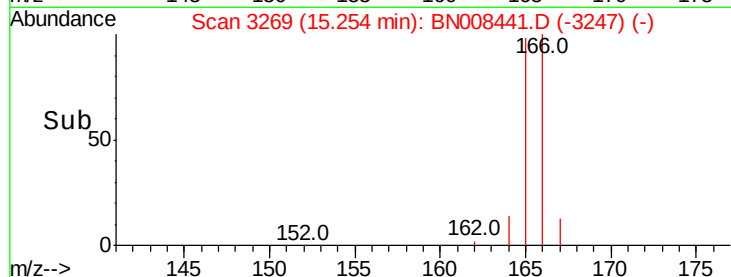
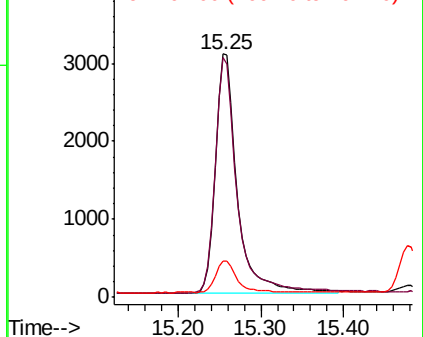
166 100

165 98.3 78.2 117.2

167 15.1 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: 0.358 ng/ul

RT: 16.62 min Scan# 3578

Delta R.T. 0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

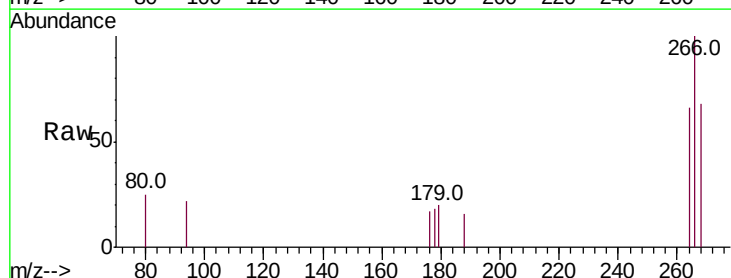
Tgt Ion:266 Resp: 610

Ion Ratio Lower Upper

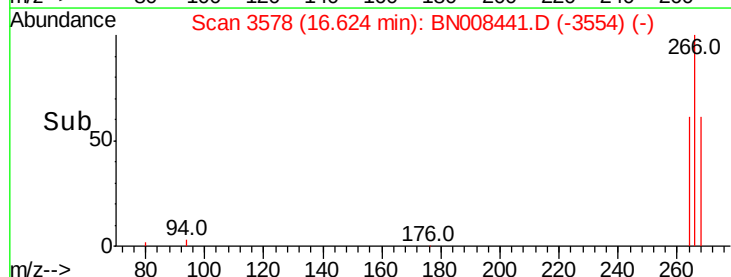
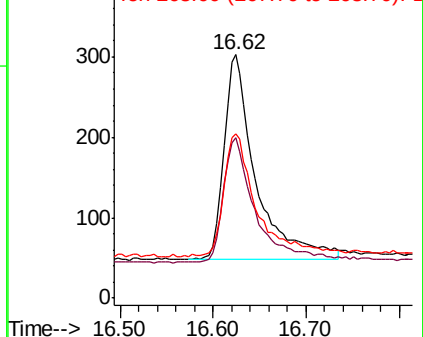
266 100

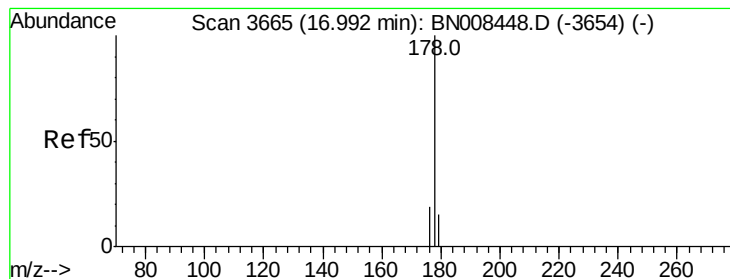
264 61.6 49.8 74.8

268 63.0 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: 0.415 ng/ul

RT: 16.99 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

Instrument :

BNA_N

ClientSampleId :

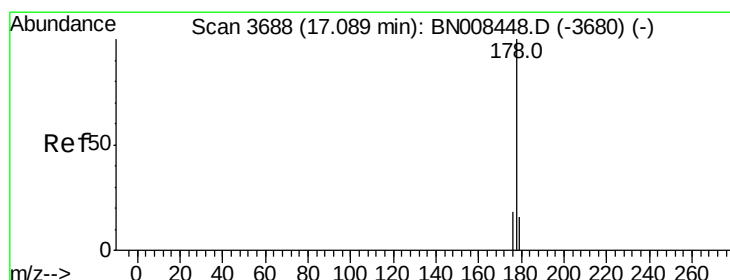
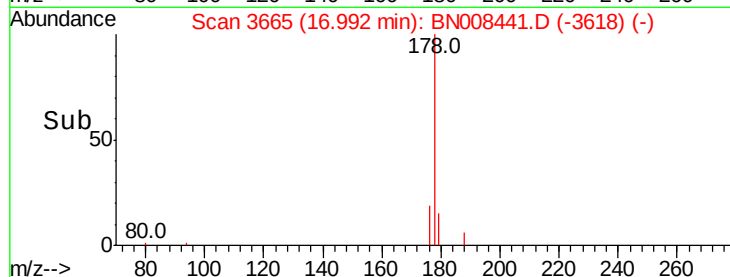
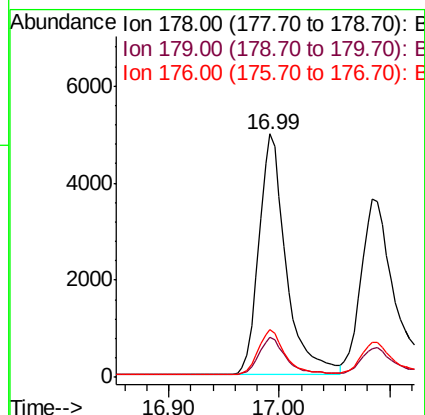
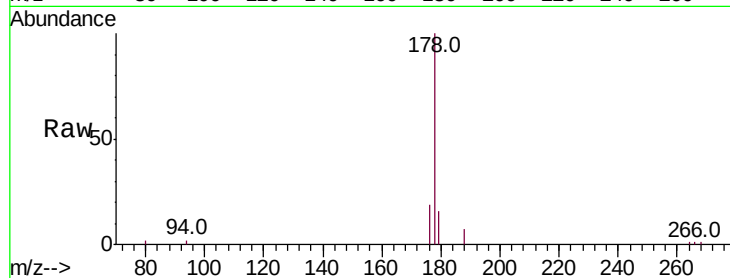
Tot Ion:178 Resp: 8553

Ion Ratio Lower Upper

178 100

179 16.4 13.2 19.8

176 19.4 15.6 23.4



#13

Anthracene

Concen: 0.414 ng/ul

RT: 17.08 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

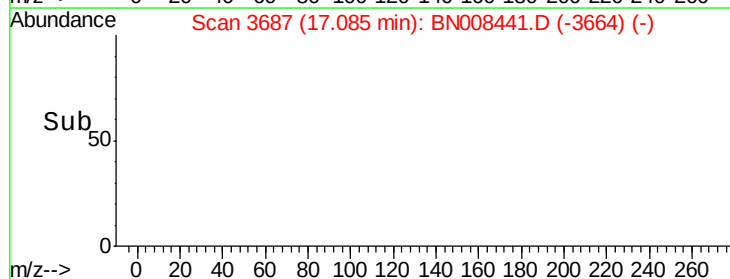
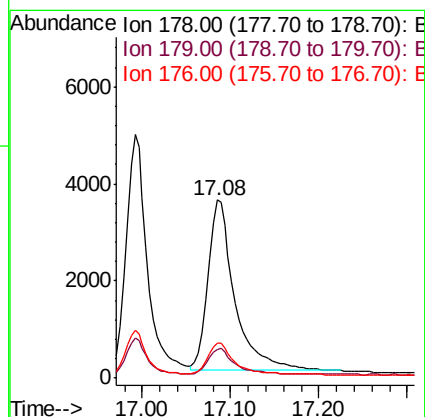
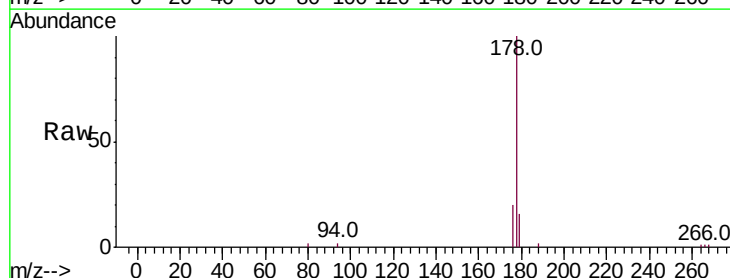
Tgt Ion:178 Resp: 7503

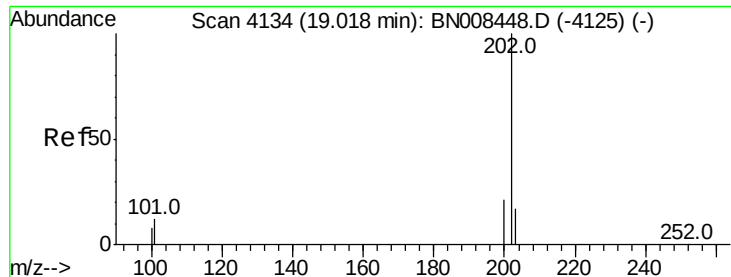
Ion Ratio Lower Upper

178 100

179 16.4 13.7 20.5

176 19.6 15.7 23.5

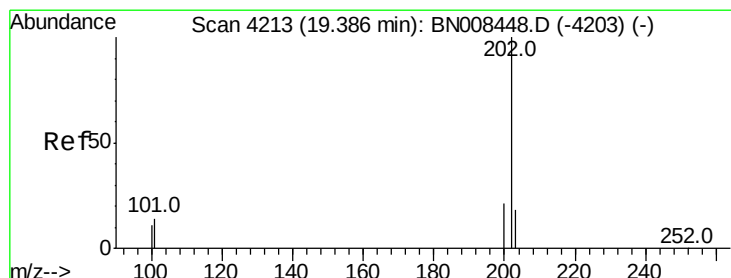
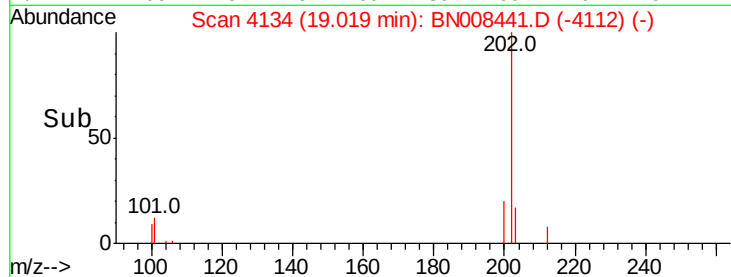
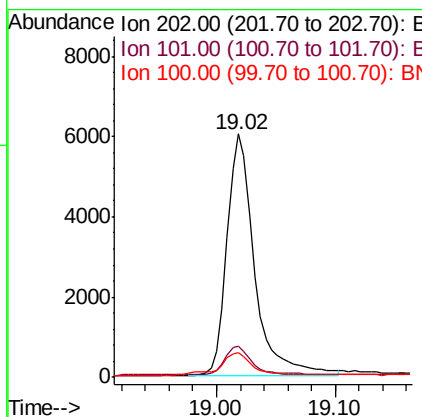
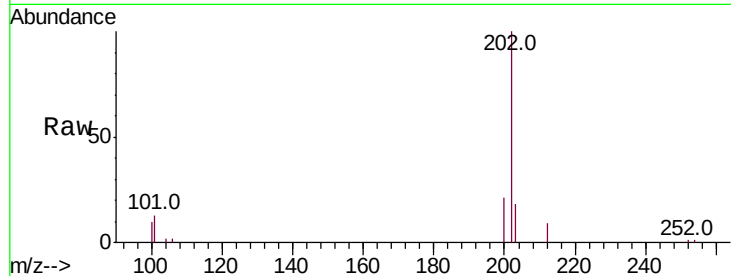




#15
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.02 min Scan# 4134
Delta R.T. 0.00 min
Lab File: BN008441.D
Acq: 05 Nov 2019 11:17

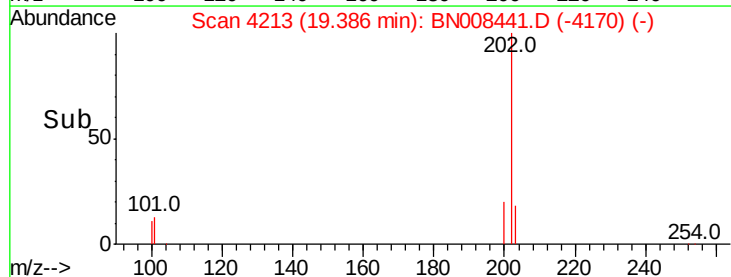
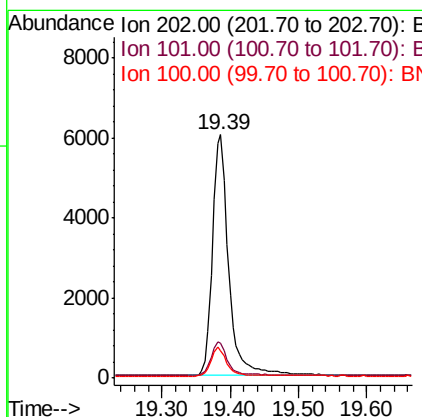
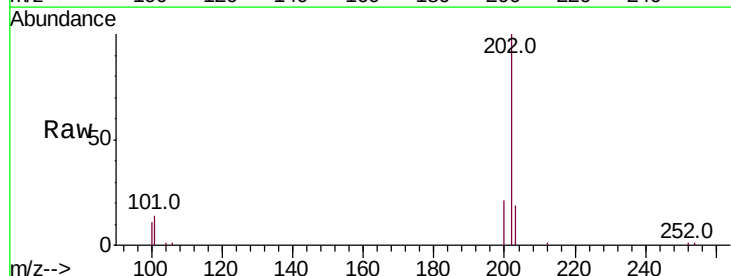
Instrument :
BNA_N
ClientSampleId :

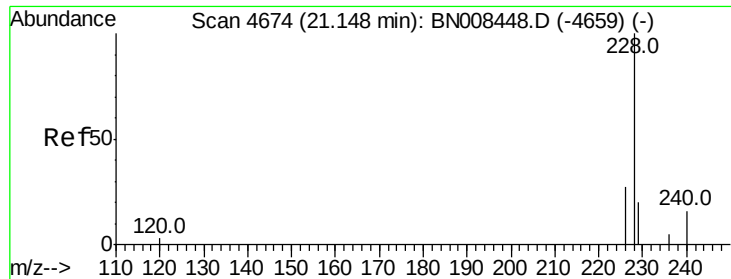
Tot Ion:202 Resp: 9682
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.0
100 10.0 0.0 30.2



#17
Pyrene
Concen: 0.503 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. 0.00 min
Lab File: BN008441.D
Acq: 05 Nov 2019 11:17

Tgt Ion:202 Resp: 10008
Ion Ratio Lower Upper
202 100
101 14.3 11.6 17.4
100 11.3 9.4 14.0

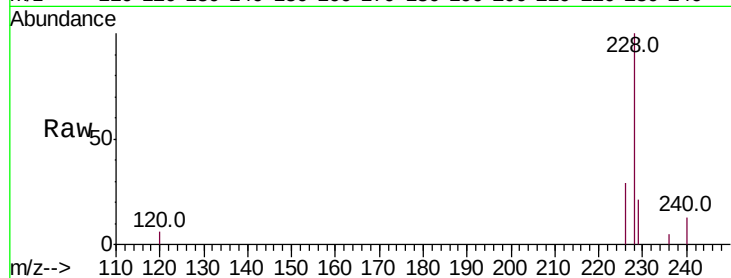




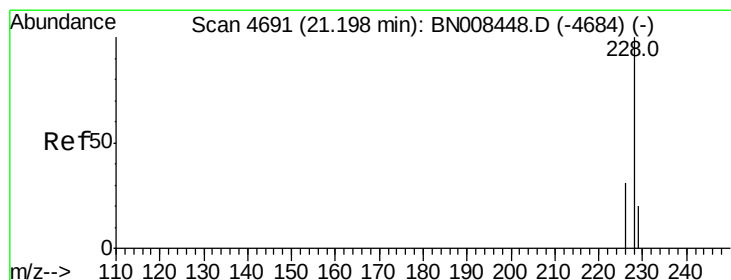
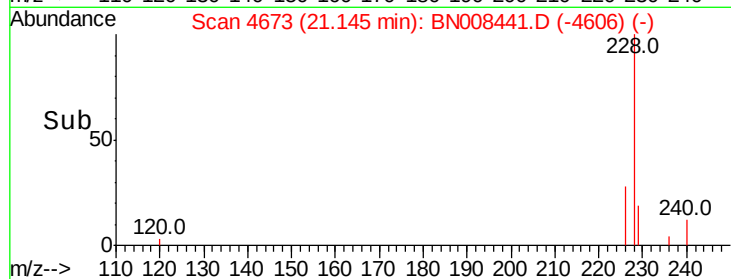
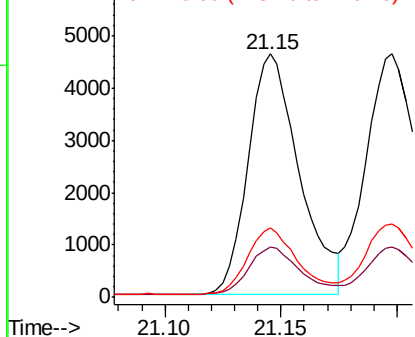
#18
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.15 min Scan# 4673
Delta R.T. -0.00 min
Lab File: BN008441.D
Acq: 05 Nov 2019 11:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 7043
Ion Ratio Lower Upper
228 100
229 20.6 16.6 24.8
226 28.5 22.8 34.2

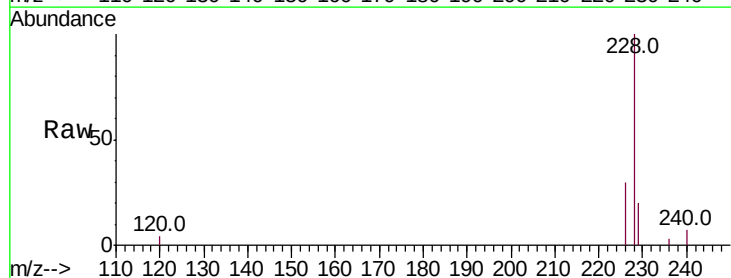


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

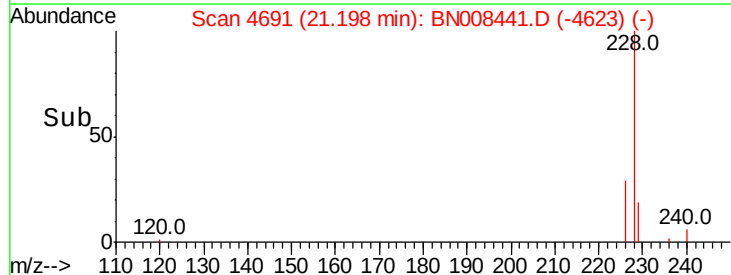
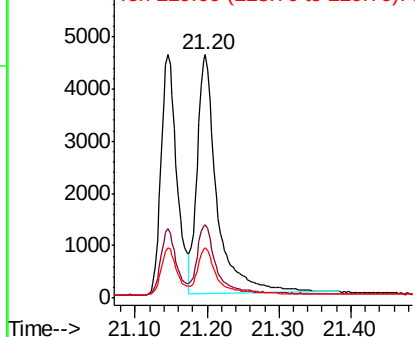


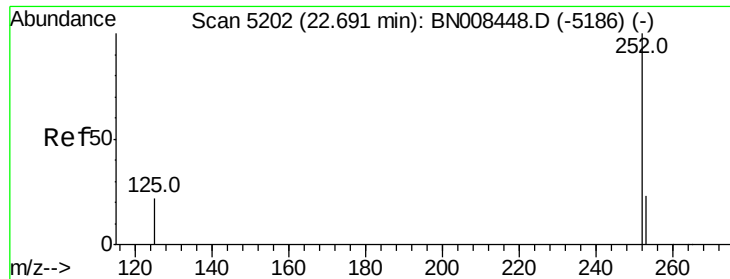
#19
Chrysene
Concen: 0.395 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.00 min
Lab File: BN008441.D
Acq: 05 Nov 2019 11:17

Tgt Ion:228 Resp: 8795
Ion Ratio Lower Upper
228 100
226 30.3 24.9 37.3
229 20.4 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: 0.428 ng/ul

RT: 22.69 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

Instrument :

BNA_N

ClientSampleId :

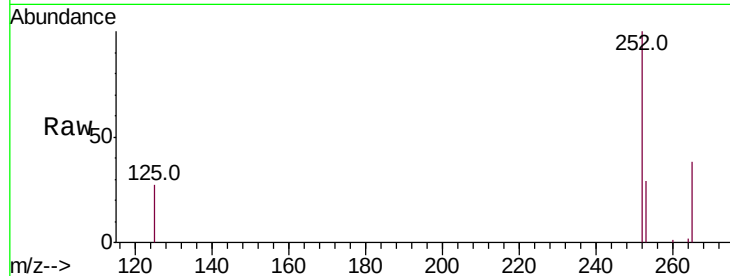
Tot Ion:252 Resp: 6388

Ion Ratio Lower Upper

252 100

253 29.0 0.0 58.4

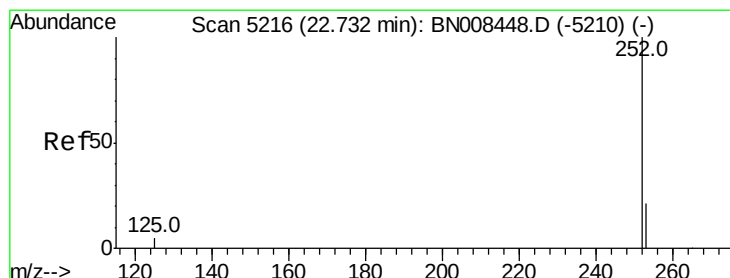
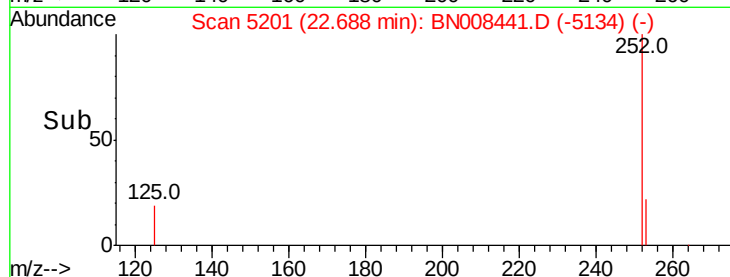
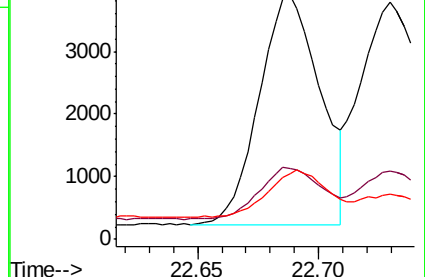
125 27.1 0.0 58.6



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: 0.447 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

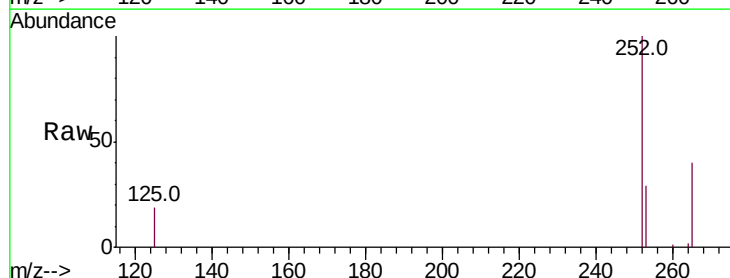
Tgt Ion:252 Resp: 7560

Ion Ratio Lower Upper

252 100

253 28.8 22.6 34.0

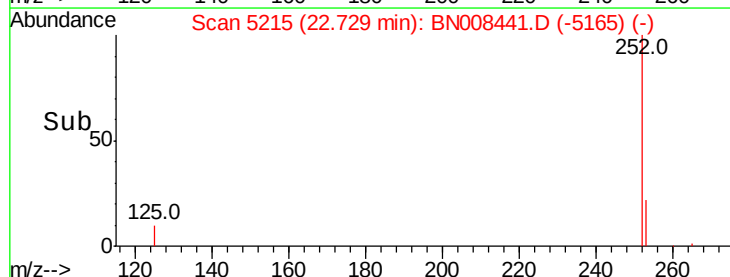
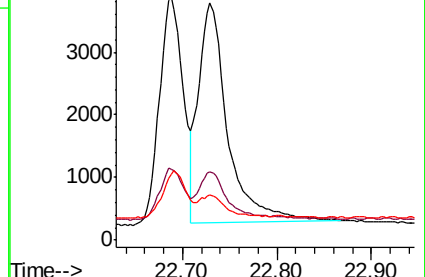
125 18.9 14.7 22.1

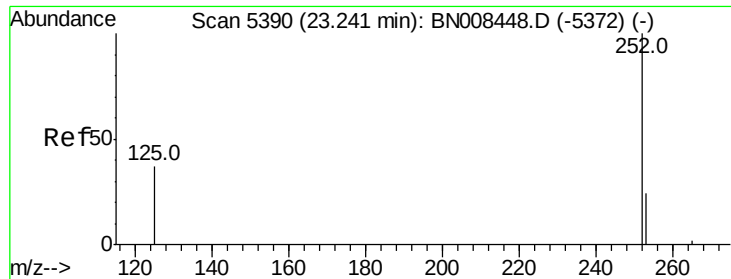


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.424 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. -0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

Instrument :

BNA_N

ClientSampleId :

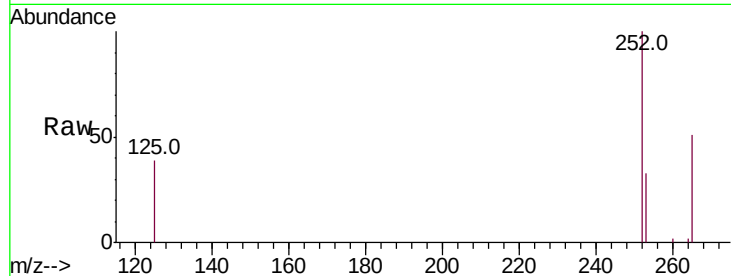
Tot Ion:252 Resp: 6655

Ion Ratio Lower Upper

252 100

253 32.8 27.2 40.8

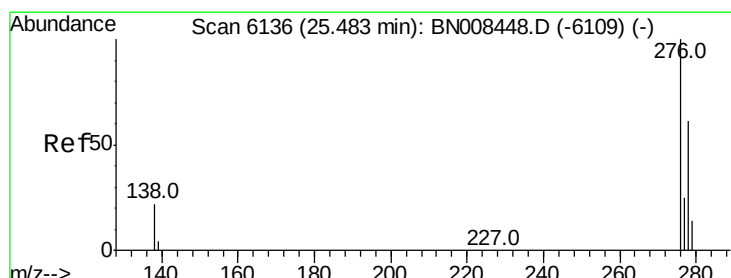
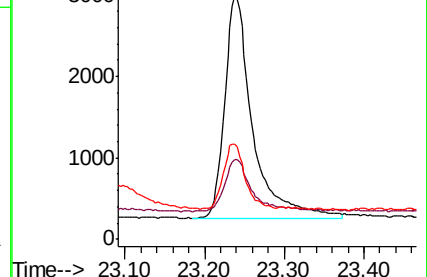
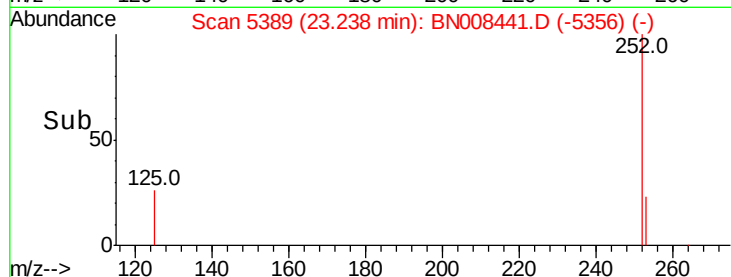
125 39.2 37.0 55.6



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: 0.422 ng/ul

RT: 25.48 min Scan# 6135

Delta R.T. -0.00 min

Lab File: BN008441.D

Acq: 05 Nov 2019 11:17

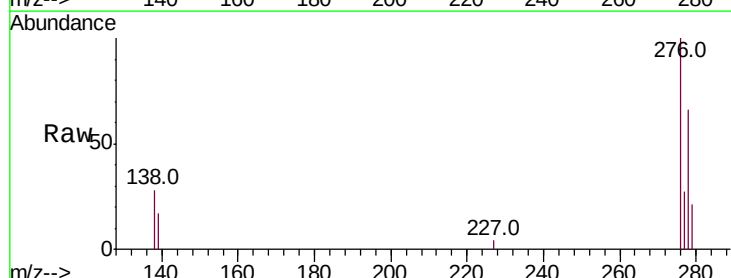
Tgt Ion:276 Resp: 7798

Ion Ratio Lower Upper

276 100

138 23.2 18.3 27.5

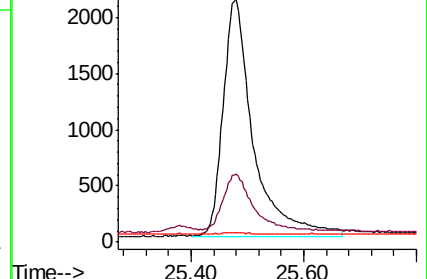
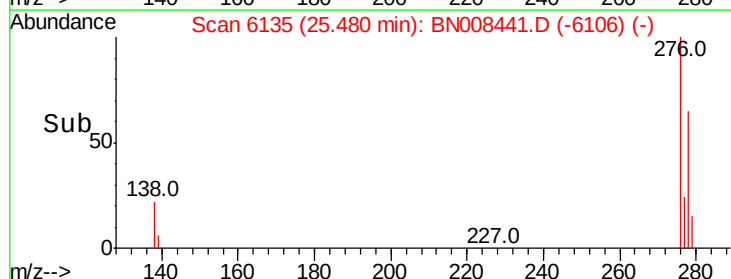
227 0.2 0.0 0.0#

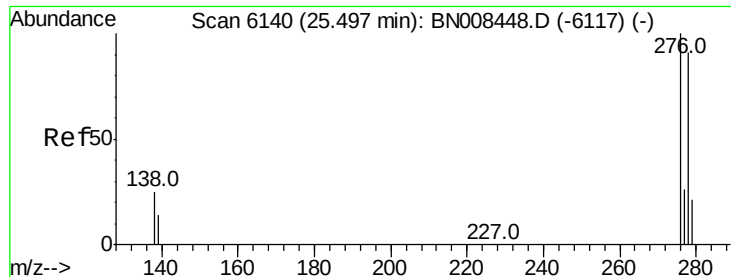


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



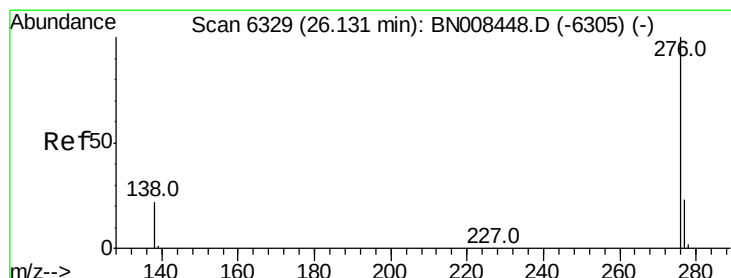
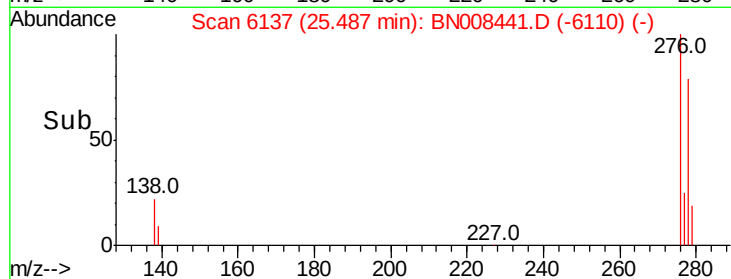
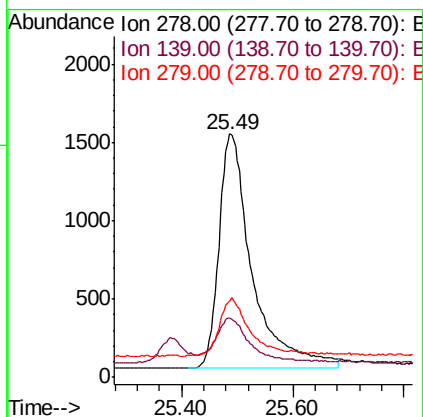
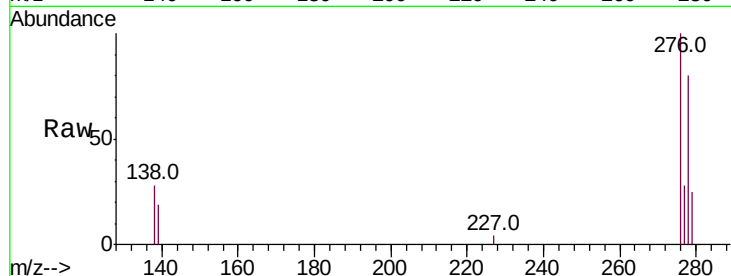


#25

Dibenzo(a,h)anthracene
 Concen: 0.426 ng/ul
 RT: 25.49 min Scan# 6137
 Delta R.T. -0.01 min
 Lab File: BN008441.D
 Acq: 05 Nov 2019 11:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:278 Resp: 6232
 Ion Ratio Lower Upper
 278 100
 139 24.3 17.6 26.4
 279 31.3 25.1 37.7



#26

Benzo(g,h,i)perylene
 Concen: 0.406 ng/ul
 RT: 26.13 min Scan# 6329
 Delta R.T. 0.00 min
 Lab File: BN008441.D
 Acq: 05 Nov 2019 11:17

Tgt Ion:276 Resp: 6892
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.1 30.1
 277 26.1 20.6 31.0

