

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006224.D
 Acq On : 10 Jun 2019 15:59
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:18:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

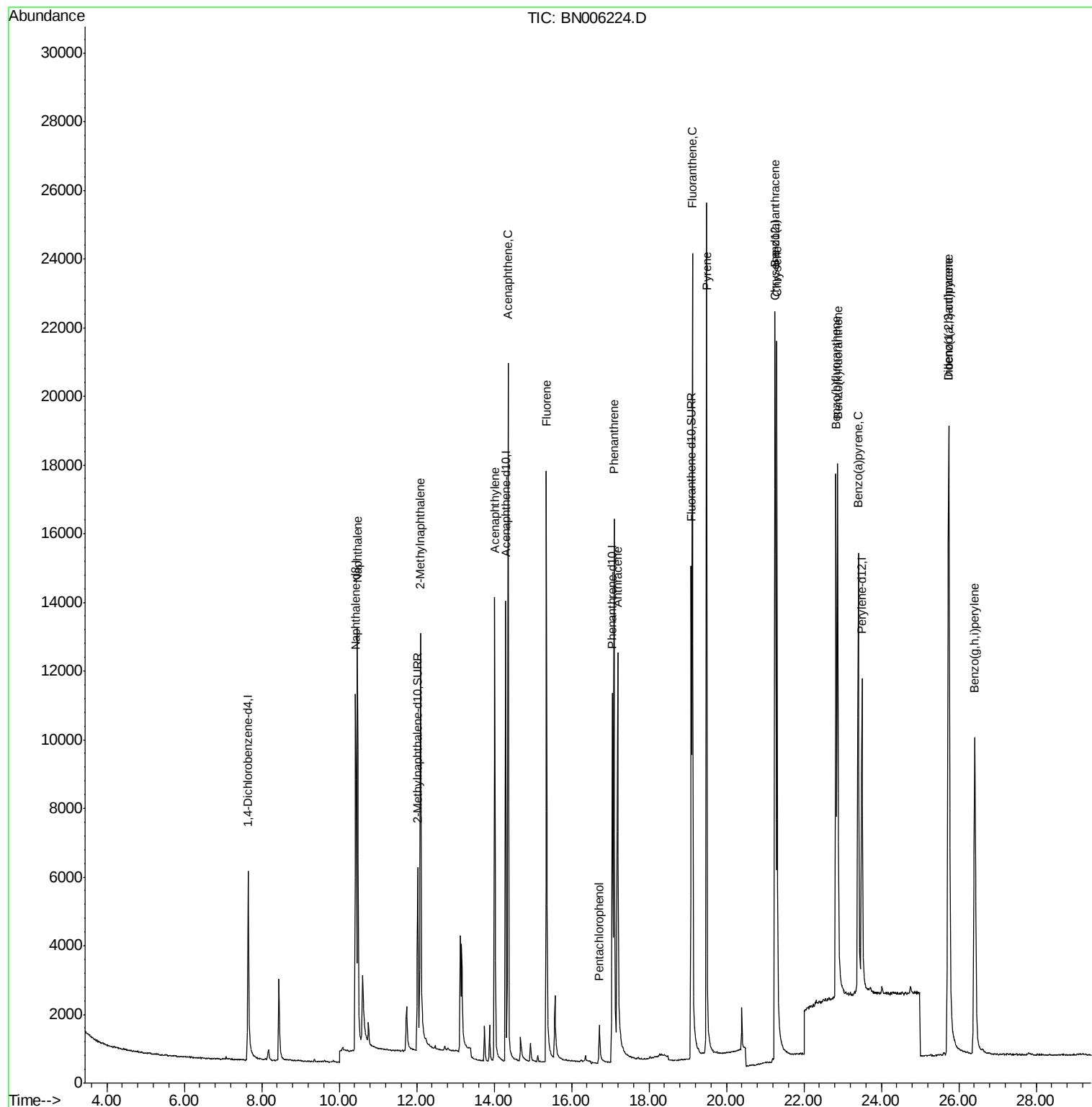
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4050	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15715	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7699	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15146	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11497	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	12873	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9316	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	16743	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	18003	0.415	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	11573	0.383	ng/ul	98
7) Acenaphthylene	14.01	152	16764	0.392	ng/ul	99
8) Acenaphthene	14.36	153	12392	0.417	ng/ul	100
9) Fluorene	15.35	166	12792	0.368	ng/ul	97
11) Pentachlorophenol	16.72	266	1254	0.326	ng/ul	99
12) Phenanthrene	17.09	178	19095	0.393	ng/ul	100
13) Anthracene	17.19	178	16600	0.358	ng/ul	99
15) Fluoranthene	19.12	202	21989	0.410	ng/ul	97
17) Pyrene	19.49	202	23215	0.383	ng/ul	99
18) Benzo(a)anthracene	21.25	228	18818	0.370	ng/ul	99
19) Chrysene	21.30	228	22589	0.473	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	20157	0.376	ng/ul	94
22) Benzo(k)fluoranthene	22.87	252	22270	0.426	ng/ul	96
23) Benzo(a)pyrene	23.40	252	20450	0.409	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.73	276	23977	0.443	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.75	278	18824	0.435	ng/ul	96
26) Benzo(g,h,i)perylene	26.41	276	20693	0.457	ng/ul	95

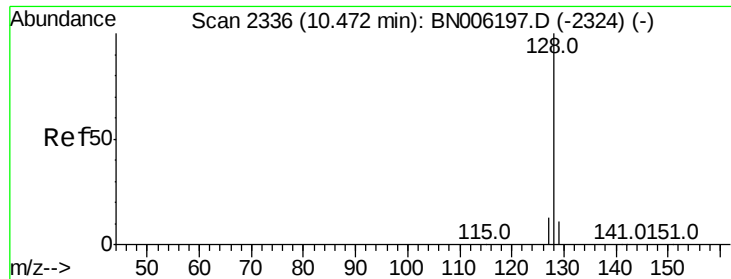
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.415 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

Instrument :

BNA_N

ClientSampleId :

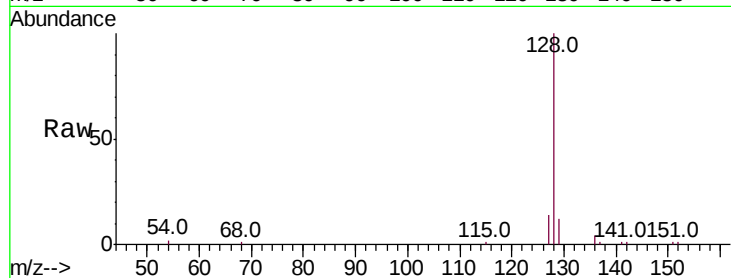
Tot Ion:128 Resp: 18003

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

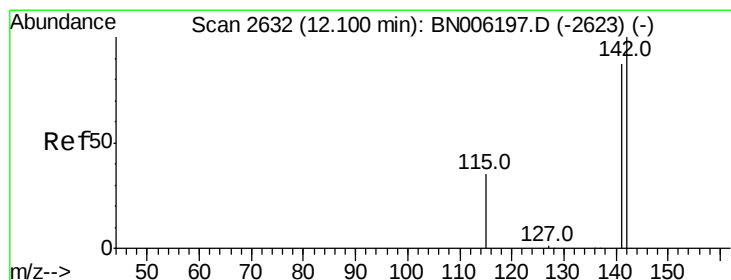
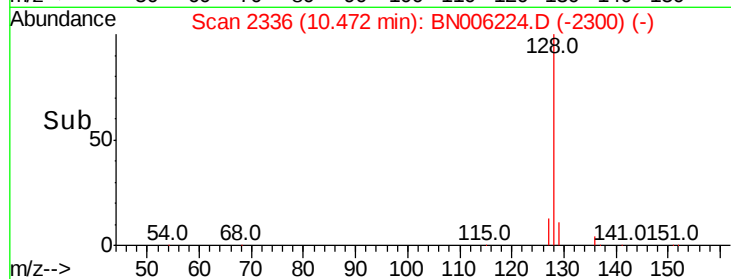
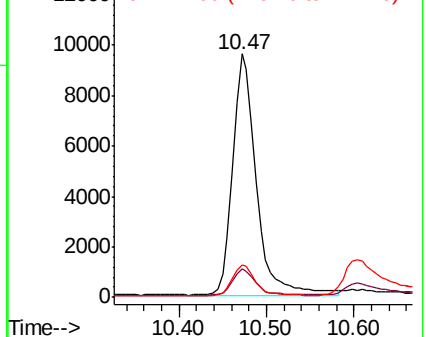
127 13.6 10.7 16.1



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: 0.383 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006224.D

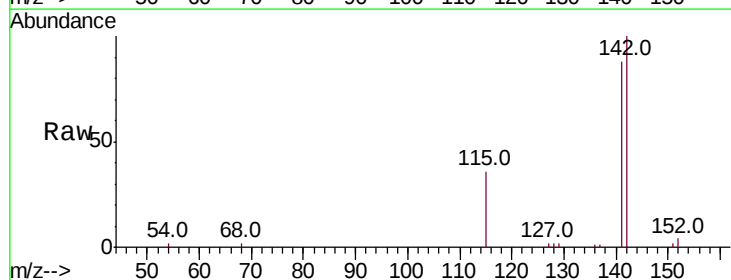
Acq: 10 Jun 2019 15:59

Tgt Ion:142 Resp: 11573

Ion Ratio Lower Upper

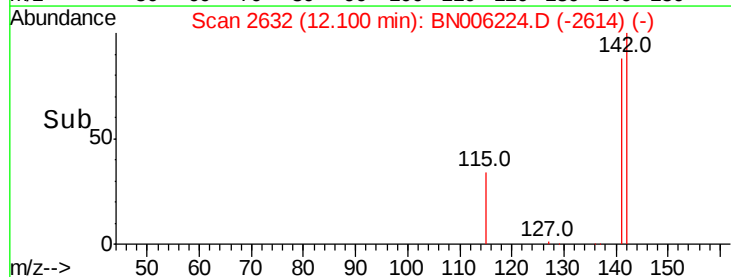
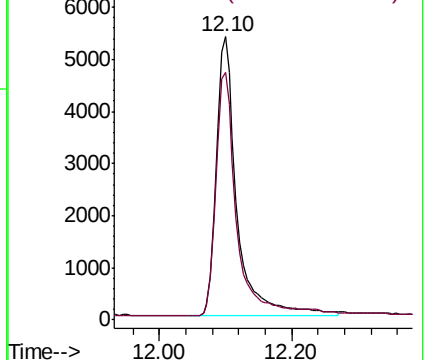
142 100

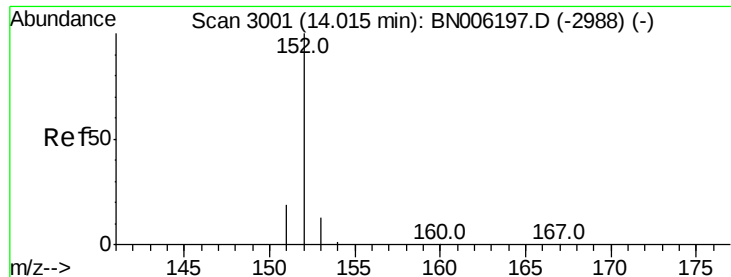
141 89.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.392 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

Instrument :

BNA_N

ClientSampleId :

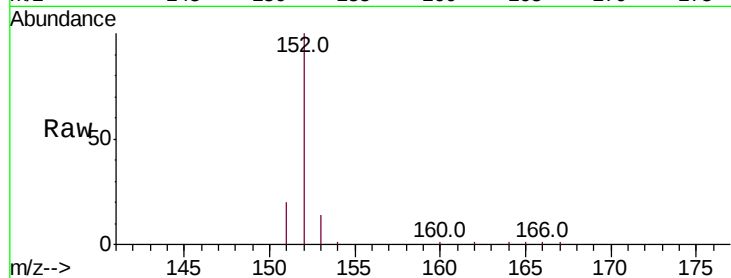
Tot Ion:152 Resp: 16764

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

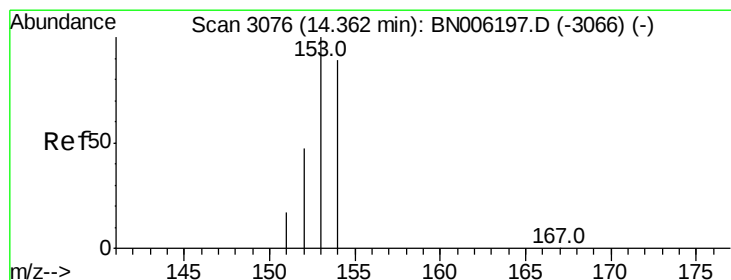
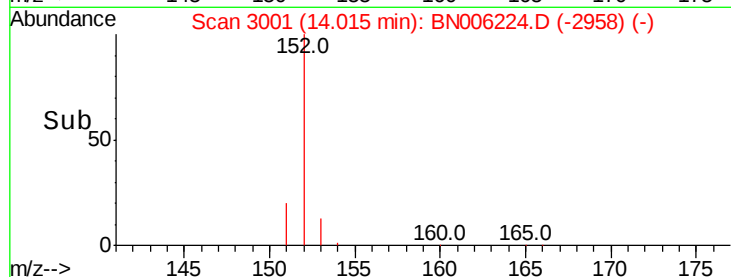
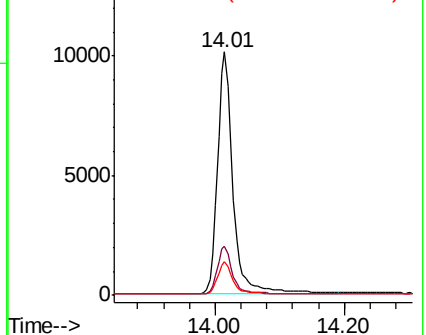
153 13.6 10.8 16.2



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: 0.417 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

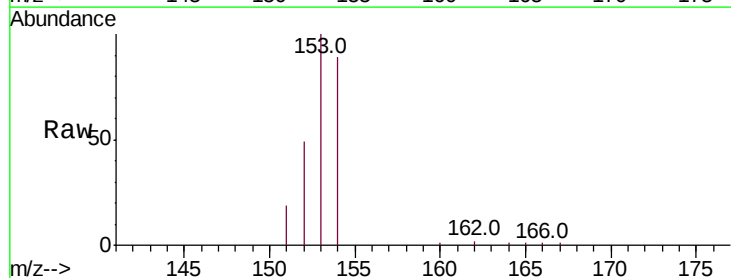
Tgt Ion:153 Resp: 12392

Ion Ratio Lower Upper

153 100

152 49.4 39.1 58.7

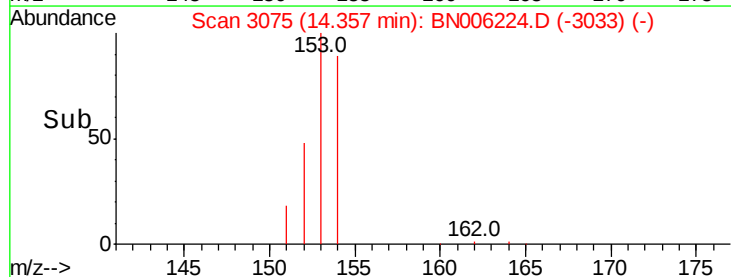
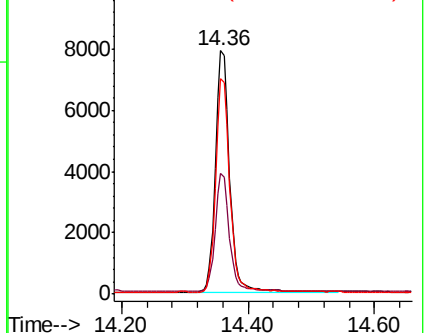
154 88.7 71.1 106.7

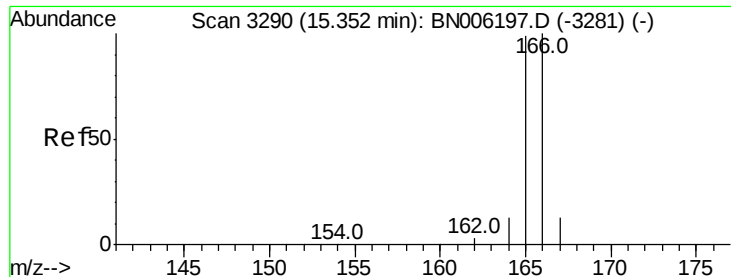


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

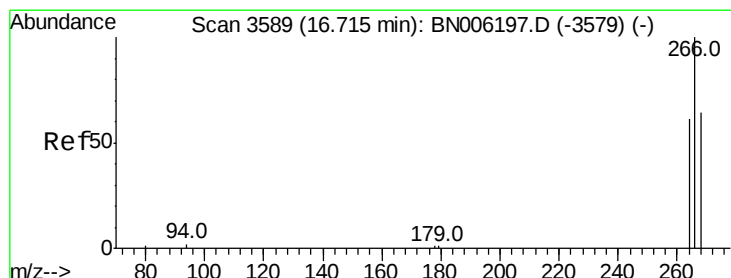
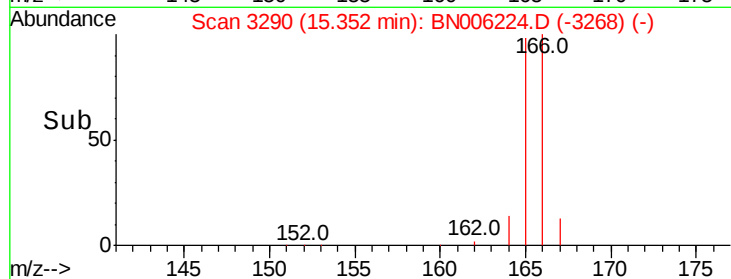
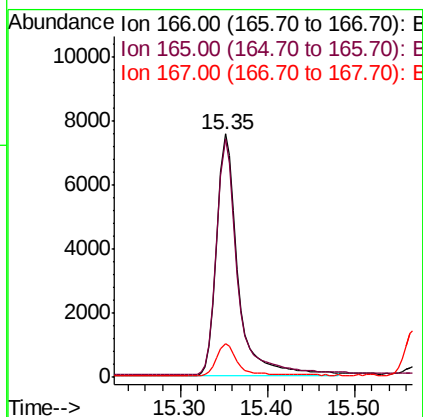
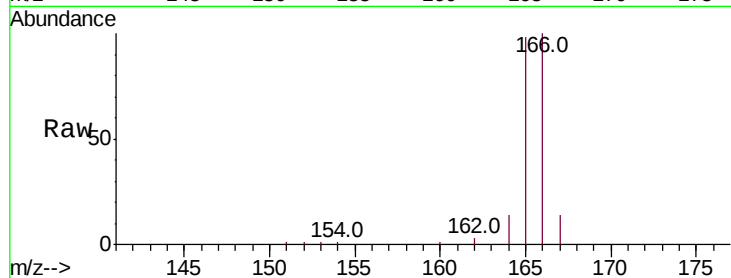




#9
Fluorene
 Concen: 0.368 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006224.D
 Acq: 10 Jun 2019 15:59

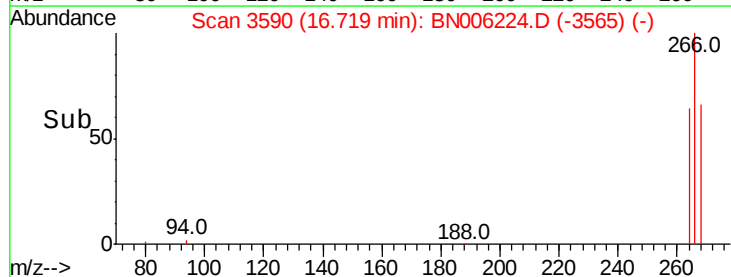
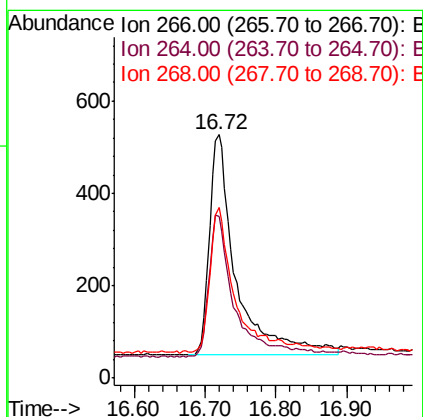
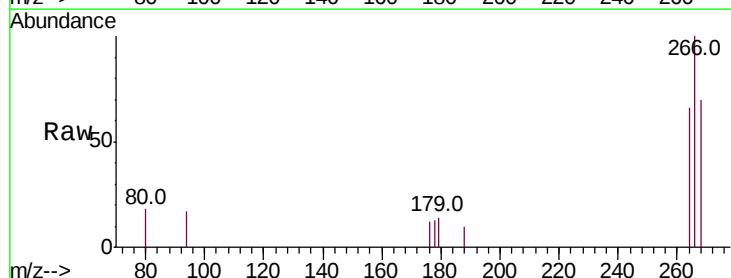
Instrument :
 BNA_N
 ClientSampleId :

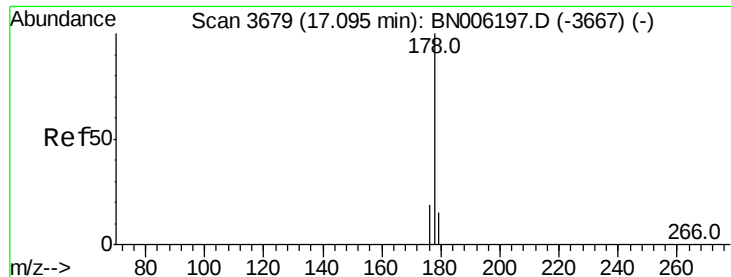
Tot Ion:166 Resp: 12792
 Ion Ratio Lower Upper
 166 100
 165 98.2 76.4 114.6
 167 14.1 11.0 16.6



#11
Pentachlorophenol
 Concen: 0.326 ng/ul
 RT: 16.72 min Scan# 3590
 Delta R.T. 0.00 min
 Lab File: BN006224.D
 Acq: 10 Jun 2019 15:59

Tgt Ion:266 Resp: 1254
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.3 75.5
 268 65.0 51.3 76.9





#12

Phenanthrene

Concen: 0.393 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

Instrument :

BNA_N

ClientSampleId :

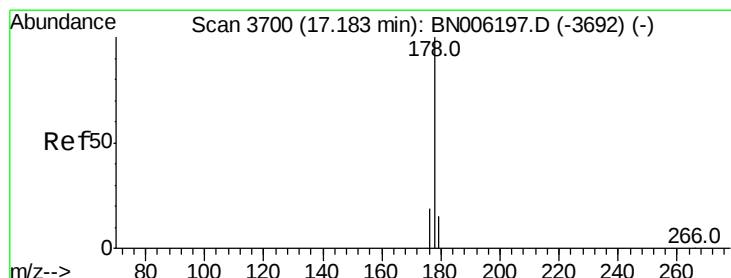
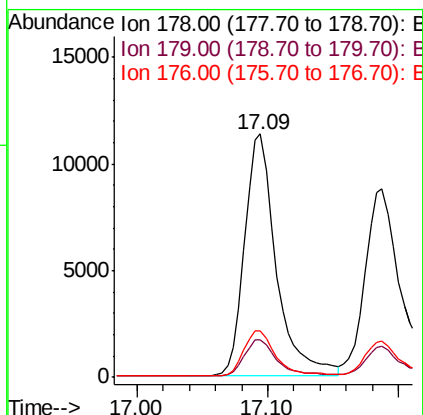
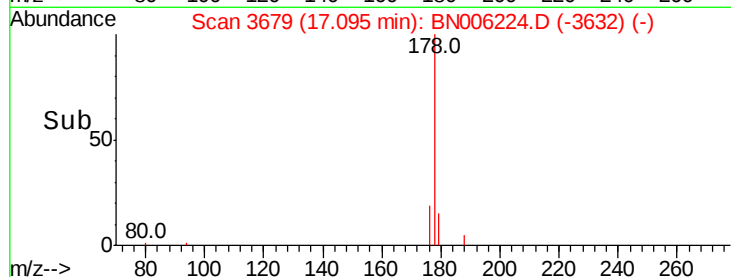
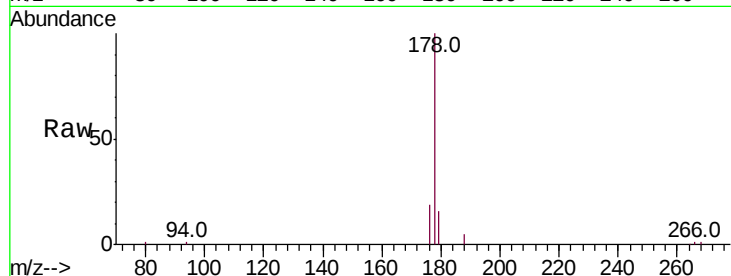
Tot Ion:178 Resp: 19095

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.0 15.3 22.9



#13

Anthracene

Concen: 0.358 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

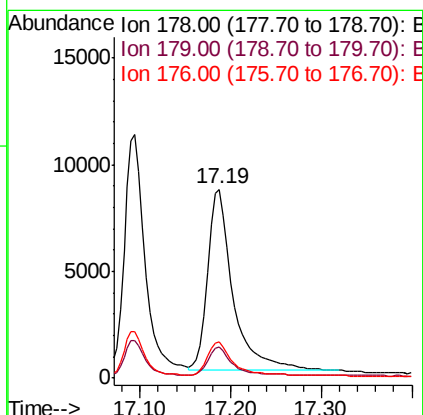
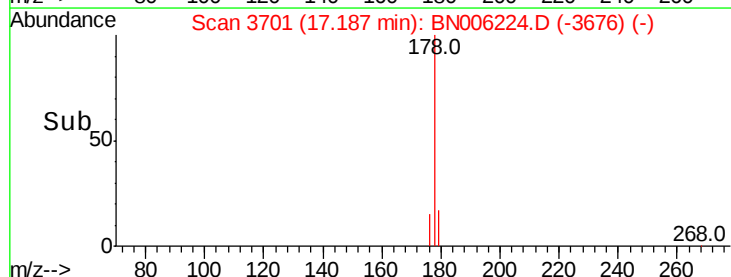
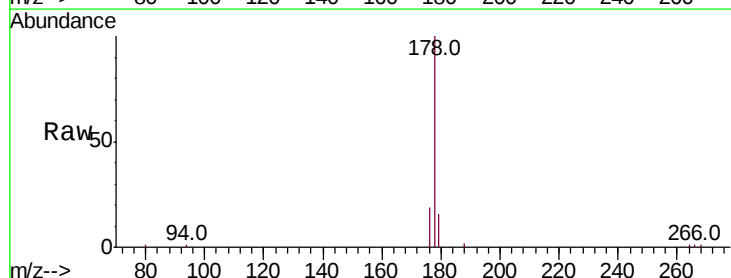
Tgt Ion:178 Resp: 16600

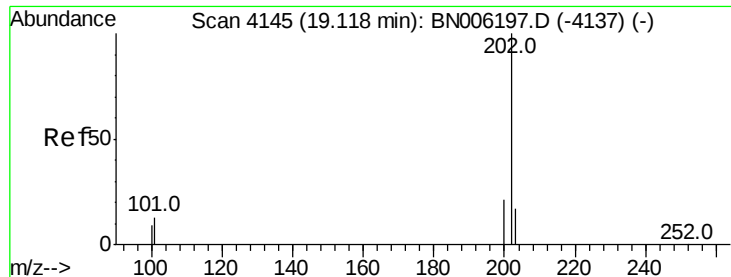
Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.4

176 19.1 15.1 22.7

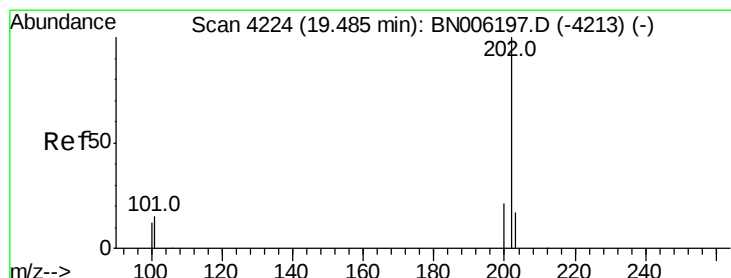
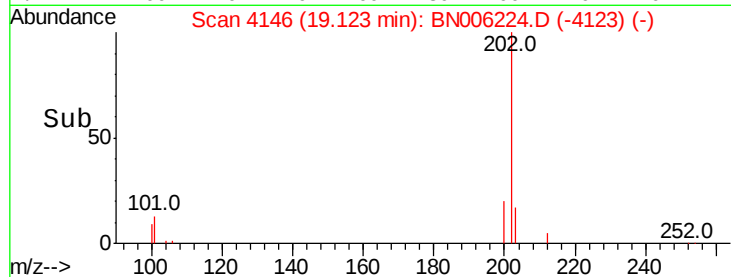
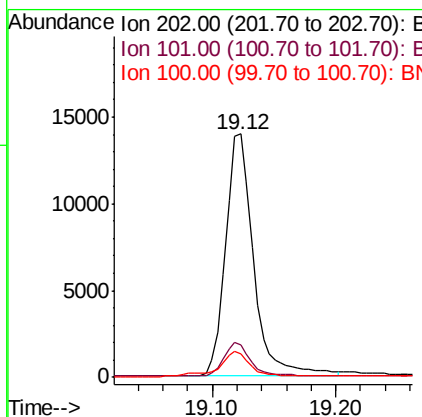
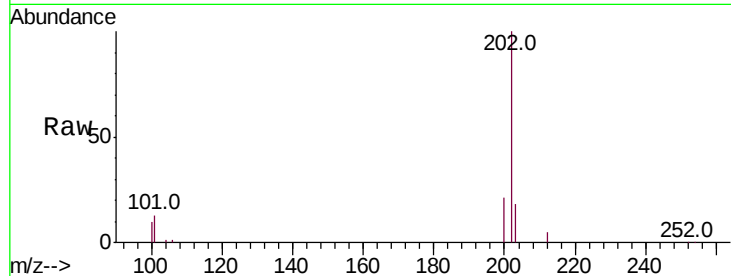




#15
Fluoranthene
 Concen: 0.410 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006224.D
 Acq: 10 Jun 2019 15:59

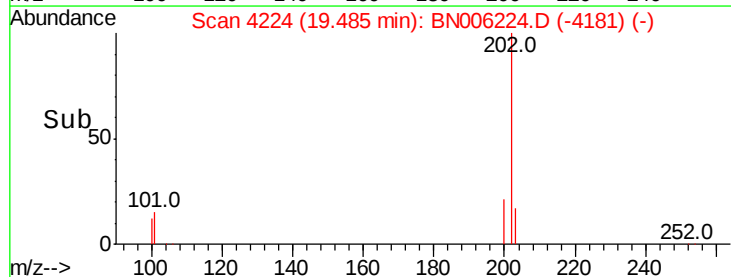
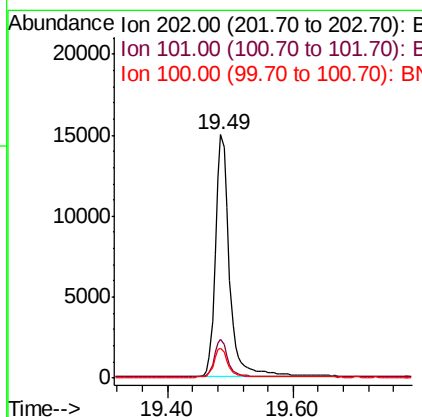
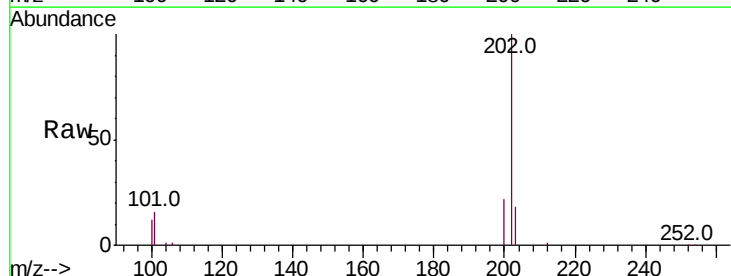
Instrument :
 BNA_N
 ClientSampleId :

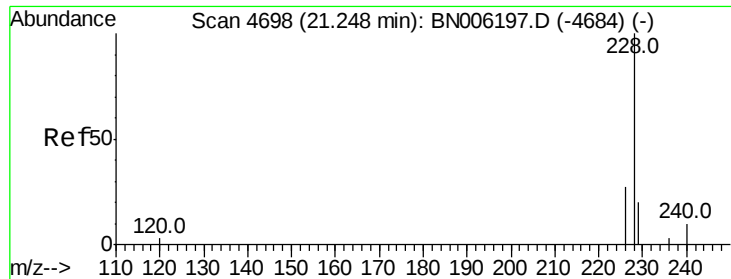
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.1
100	9.7	0.0	28.7



#17
Pyrene
 Concen: 0.383 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN006224.D
 Acq: 10 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.2	18.2
100	12.5	9.8	14.6





#18

Benzo(a)anthracene

Concen: 0.370 ng/ul

RT: 21.25 min Scan# 4699

Delta R.T. 0.00 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

Instrument :

BNA_N

ClientSampleId :

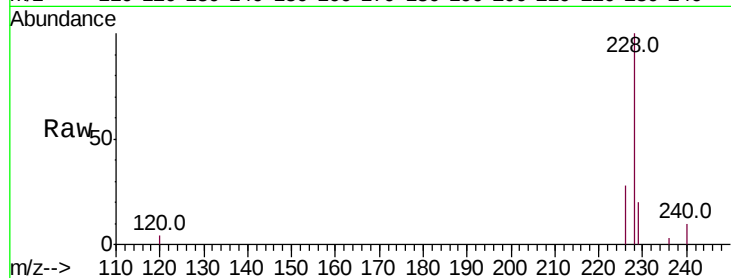
Tot Ion:228 Resp: 18818

Ion Ratio Lower Upper

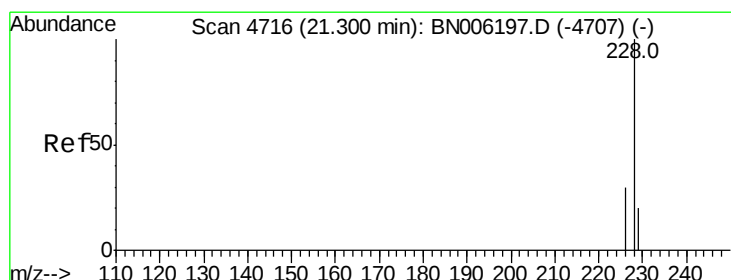
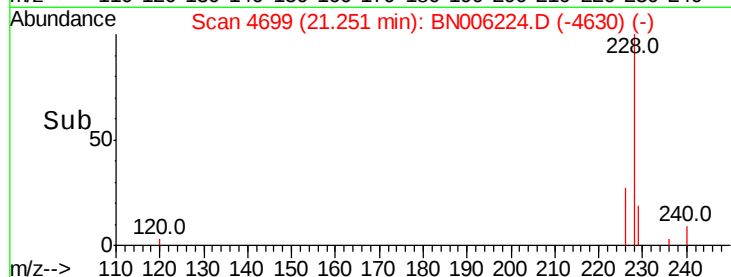
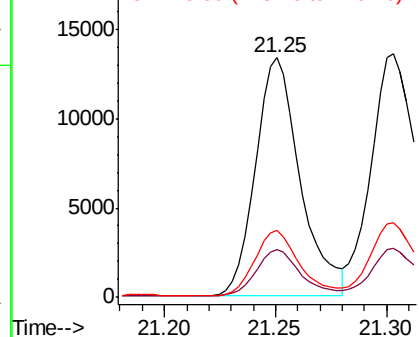
228 100

229 19.8 16.5 24.7

226 27.9 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: 0.473 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

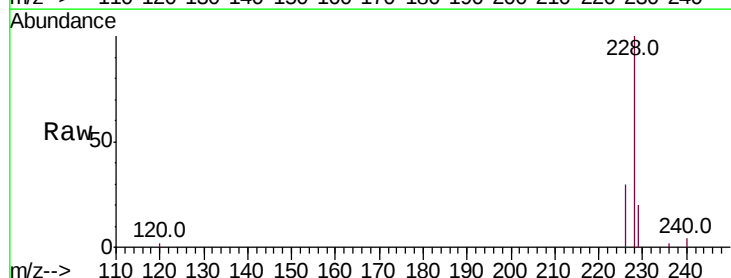
Tgt Ion:228 Resp: 22589

Ion Ratio Lower Upper

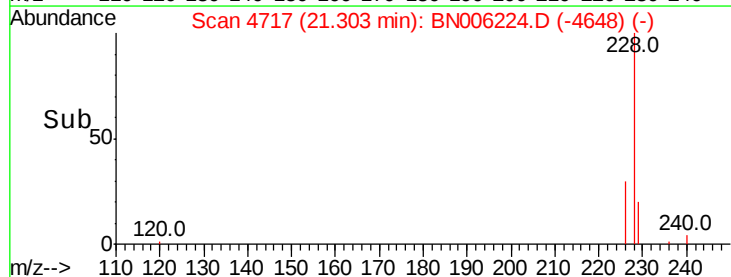
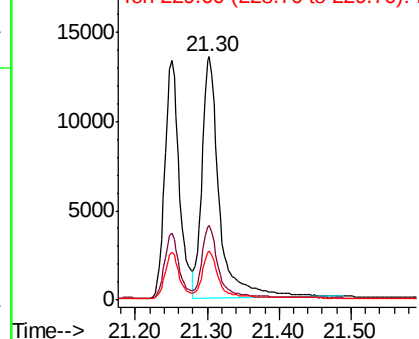
228 100

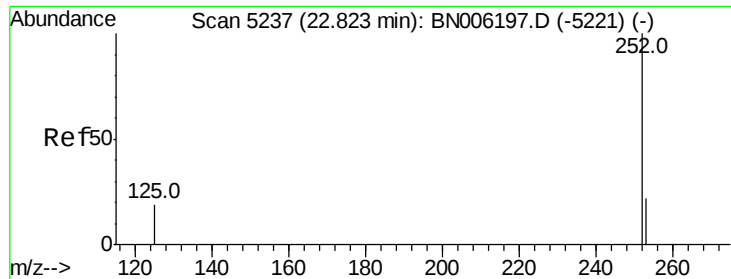
226 30.5 25.0 37.6

229 20.0 16.3 24.5



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: 0.376 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. 0.01 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

Instrument :

BNA_N

ClientSampleId :

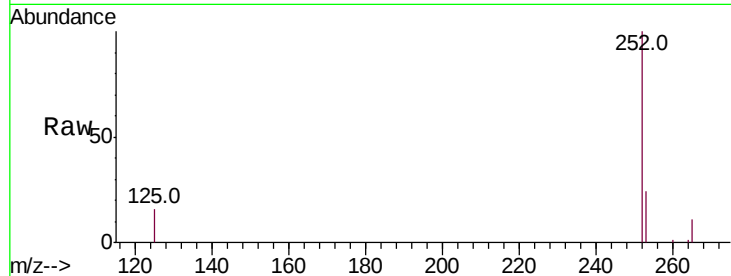
Tot Ion:252 Resp: 20157

Ion Ratio Lower Upper

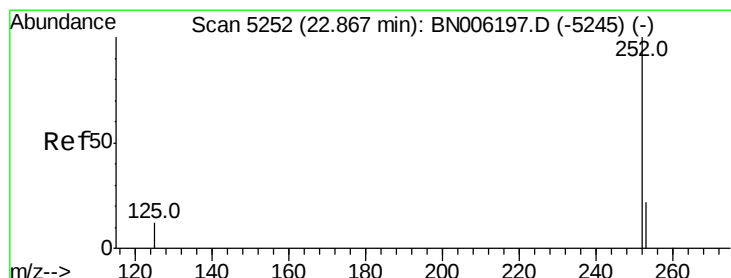
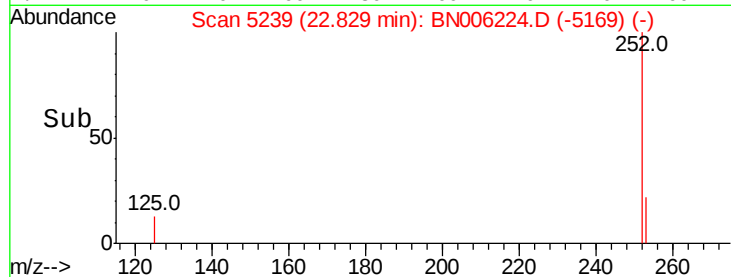
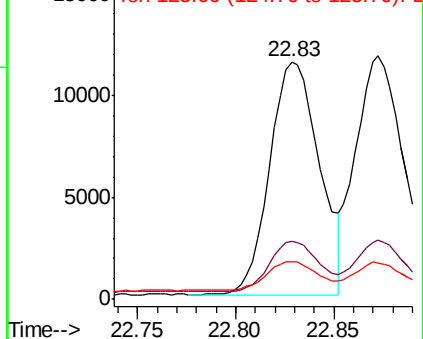
252 100

253 24.3 0.0 51.4

125 15.9 0.0 41.0



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



#22

Benzo(k)fluoranthene

Concen: 0.426 ng/ul

RT: 22.87 min Scan# 5254

Delta R.T. 0.01 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

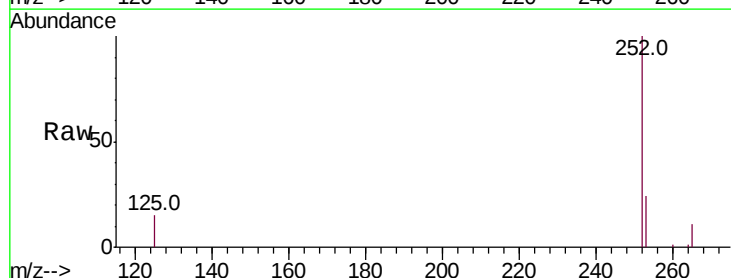
Tgt Ion:252 Resp: 22270

Ion Ratio Lower Upper

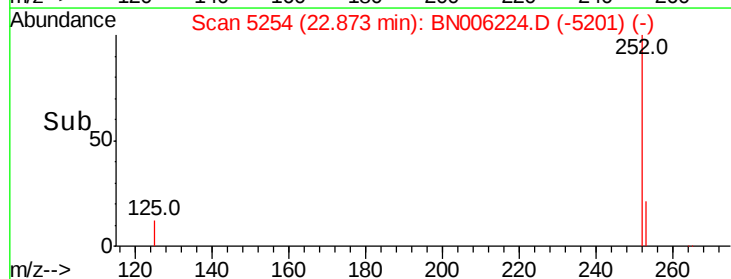
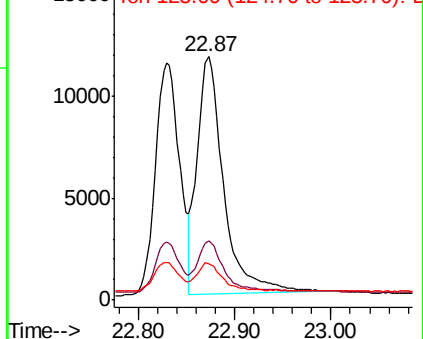
252 100

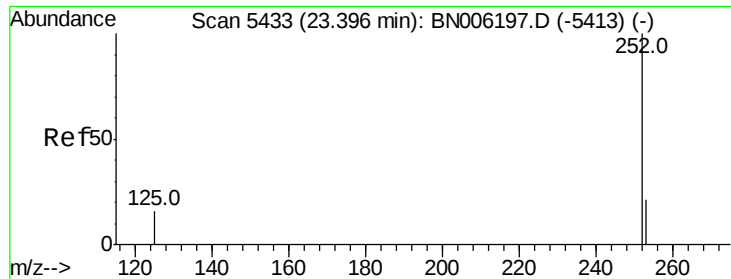
253 24.1 20.3 30.5

125 14.9 14.3 21.5



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: 0.409 ng/uL

RT: 23.40 min Scan# 5435

Delta R.T. 0.01 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

Instrument :

BNA_N

ClientSampleId :

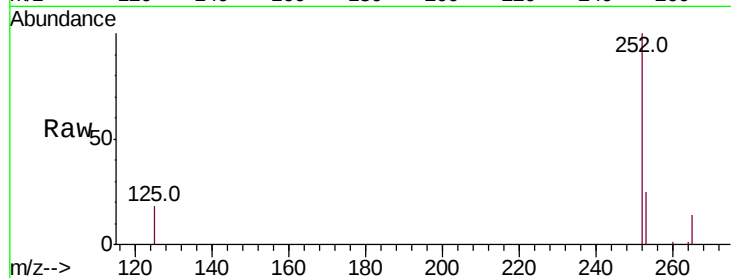
Tot Ion:252 Resp: 20450

Ion Ratio Lower Upper

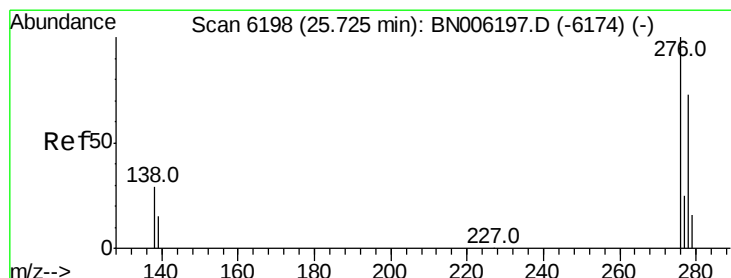
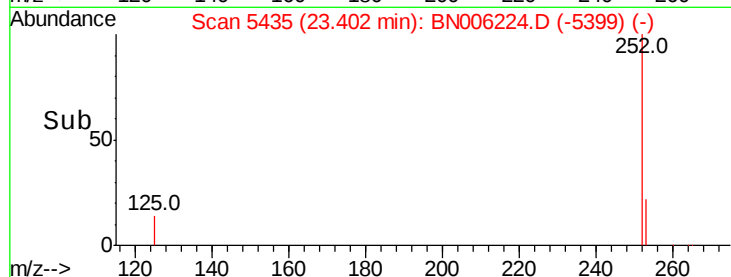
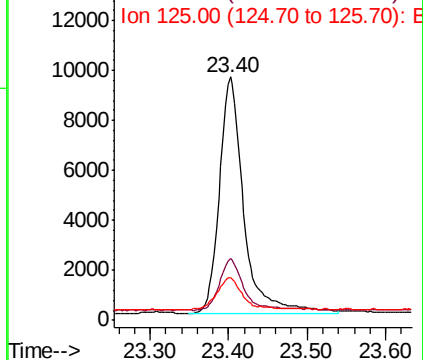
252 100

253 25.3 21.1 31.7

125 17.7 20.3 30.5#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.443 ng/uL

RT: 25.73 min Scan# 6200

Delta R.T. 0.01 min

Lab File: BN006224.D

Acq: 10 Jun 2019 15:59

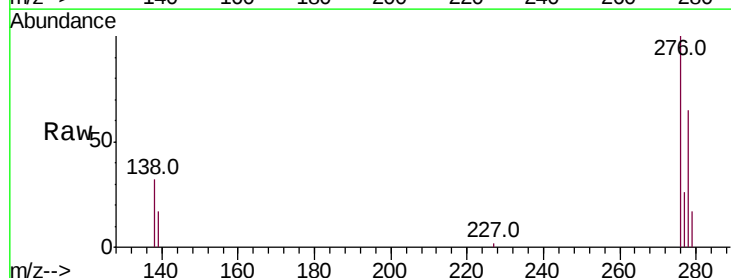
Tgt Ion:276 Resp: 23977

Ion Ratio Lower Upper

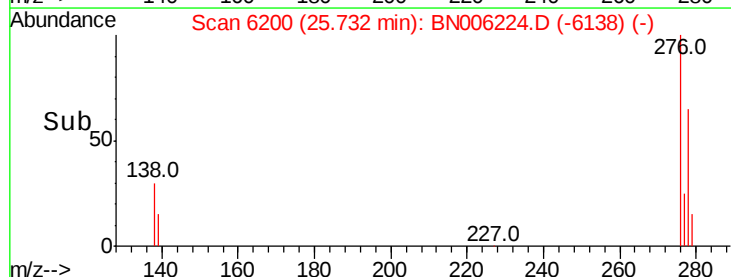
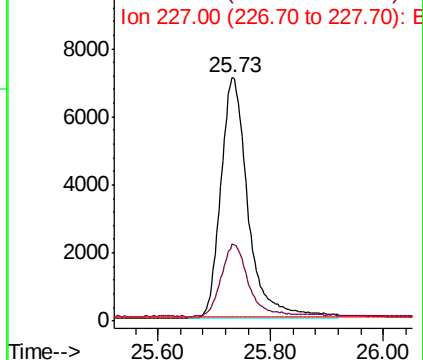
276 100

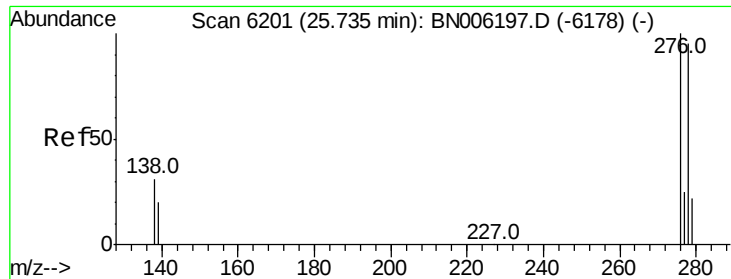
138 30.9 25.6 38.4

227 0.0 0.3 0.5#



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

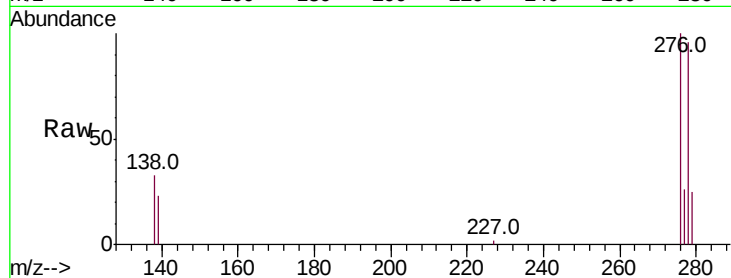




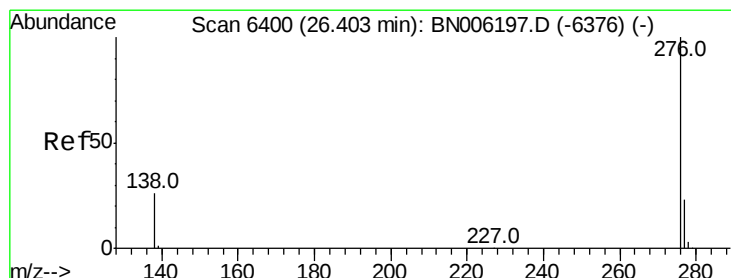
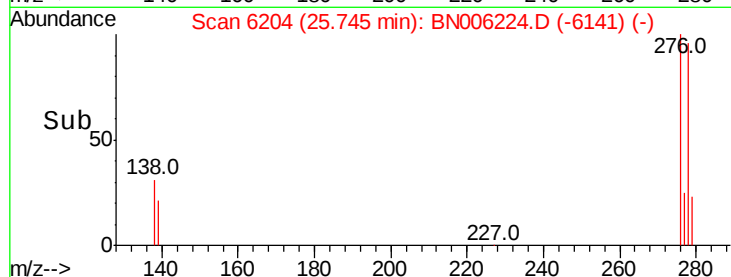
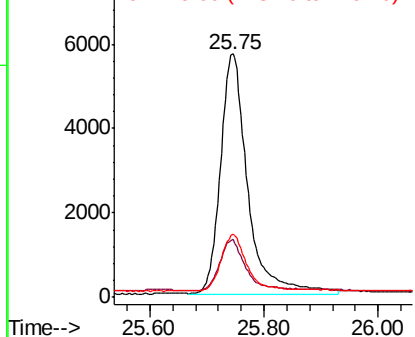
#25
Dibenzo(a,h)anthracene
Concen: 0.435 ng/u1
RT: 25.75 min Scan# 6204
Delta R.T. 0.01 min
Lab File: BN006224.D
Acq: 10 Jun 2019 15:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 18824
Ion Ratio Lower Upper
278 100
139 24.1 21.2 31.8
279 26.1 22.6 33.8

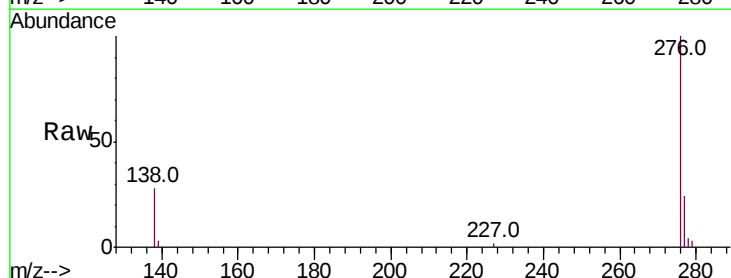


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.457 ng/u1
RT: 26.41 min Scan# 6403
Delta R.T. 0.01 min
Lab File: BN006224.D
Acq: 10 Jun 2019 15:59

Tgt Ion:276 Resp: 20693
Ion Ratio Lower Upper
276 100
138 27.8 24.2 36.4
277 24.3 21.5 32.3



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

