

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006348.D
 Acq On : 17 Jun 2019 15:16
 Operator : JU/SJ
 Sample : K3332-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 18 01:51:26 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

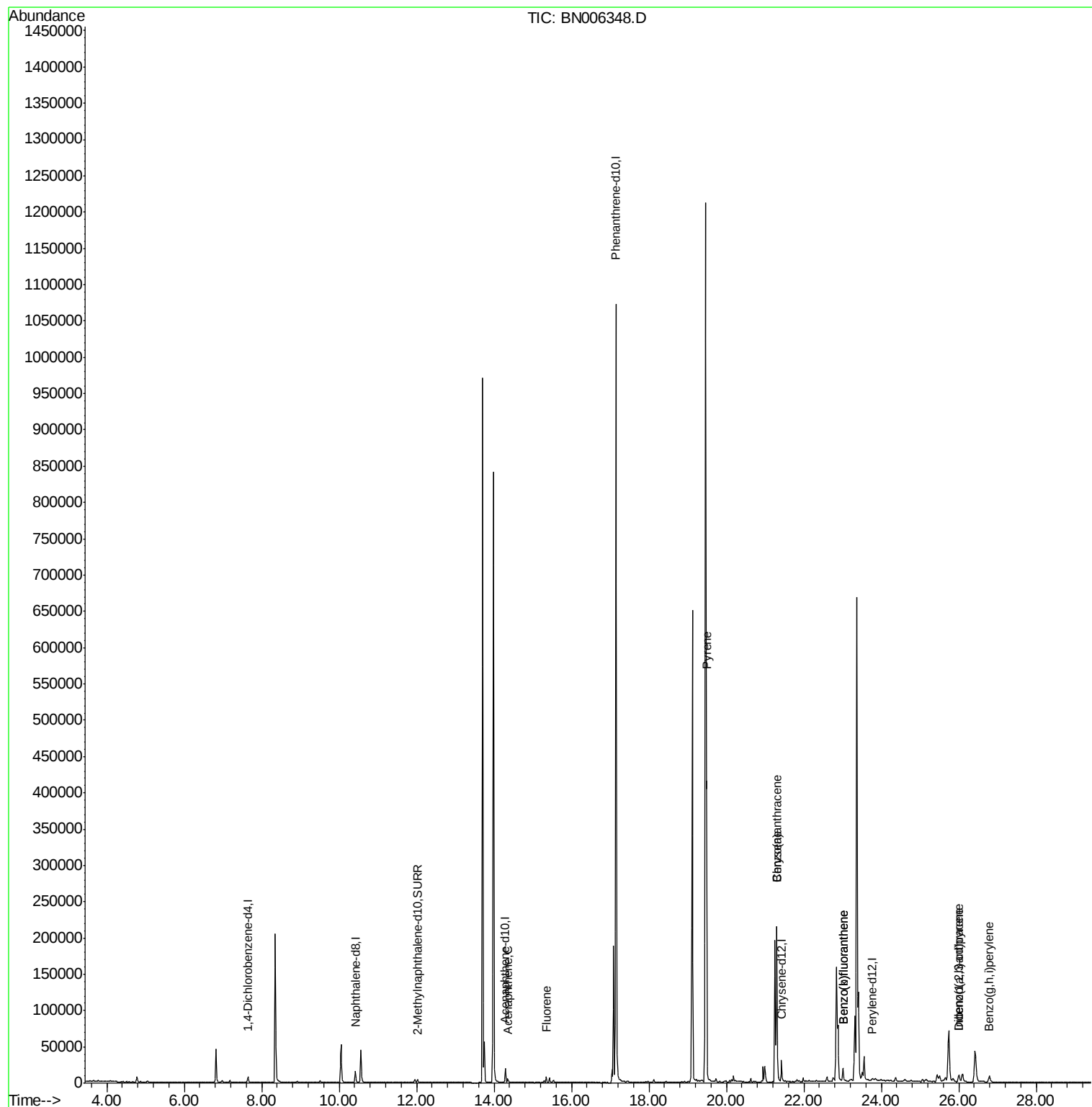
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5063	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20424	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11028	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1152020	0.40	ng/ul	0.09
16) Chrysene-d12	21.44	240	90	0.40	ng/ul	0.17
20) Perylene-d12	23.77	264	1812	0.40	ng/ul	0.26
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5979	0.19	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
8) Acenaphthene	14.35	153	3288	0.077	ng/ul	98
9) Fluorene	15.35	166	5121	0.103	ng/ul	98
17) Pyrene	19.49	202	403736	851.641	ng/ul	100
18) Benzo(a)anthracene	21.30	228	212861	534.750	ng/ul	98
19) Chrysene	21.30	228	190334	509.342	ng/ul	99
21) Benzo(b)fluoranthene	23.01	252	22945	3.037	ng/ul	94
22) Benzo(k)fluoranthene	23.01	252	21356	2.902	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.00	276	3465	0.455	ng/ul#	40
25) Dibenzo(a,h)anthracene	26.00	278	13380	2.197	ng/ul	98
26) Benzo(g,h,i)perylene	26.79	276	16661	2.612	ng/ul	99

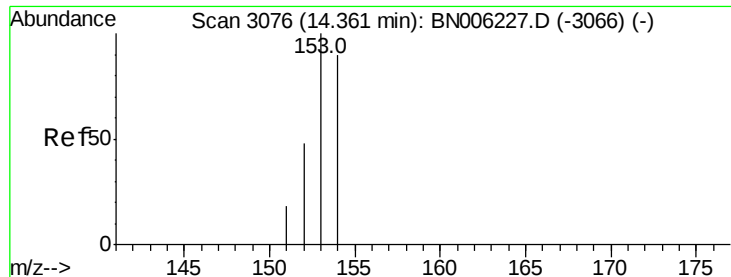
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.077 ng/ul

RT: 14.35 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BN006348.D

Acq: 17 Jun 2019 15:16

Instrument :

BNA_N

ClientSampleId :

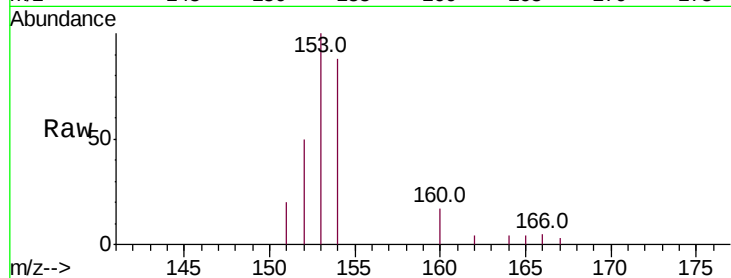
Tot Ion:153 Resp: 3288

Ion Ratio Lower Upper

153 100

152 50.4 39.1 58.7

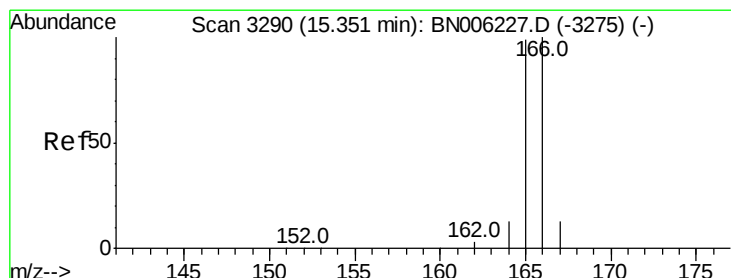
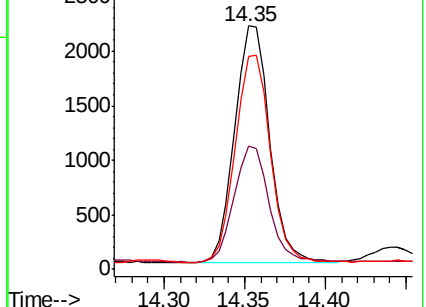
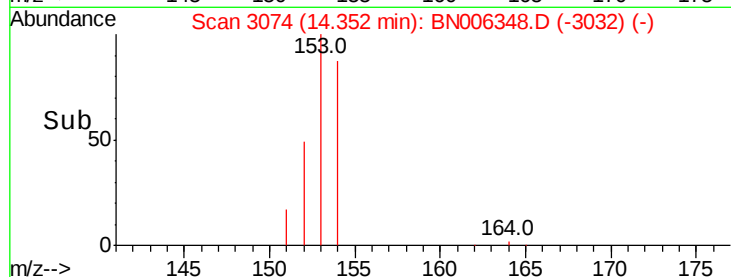
154 87.7 71.1 106.7



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: 0.103 ng/ul

RT: 15.35 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BN006348.D

Acq: 17 Jun 2019 15:16

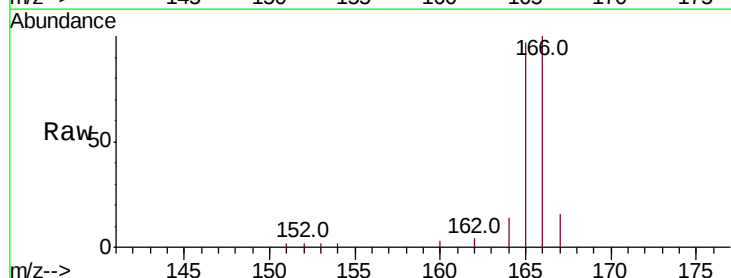
Tgt Ion:166 Resp: 5121

Ion Ratio Lower Upper

166 100

165 96.9 76.4 114.6

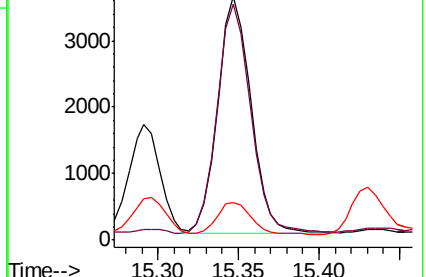
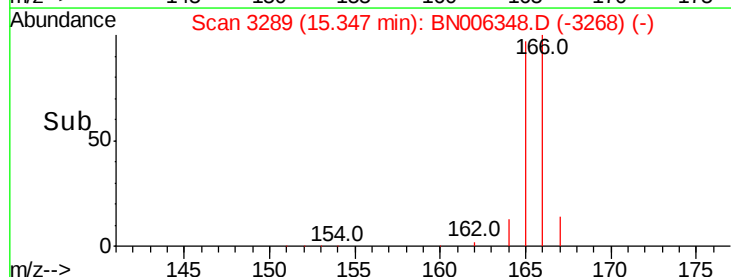
167 15.6 11.0 16.6

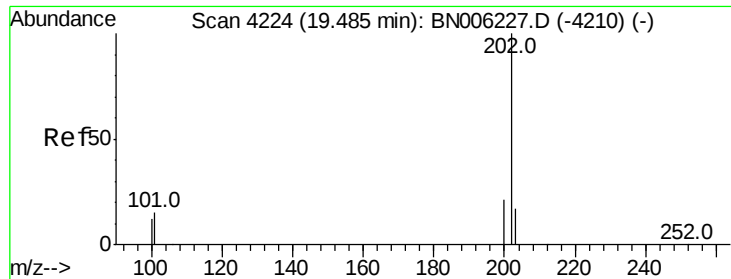


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

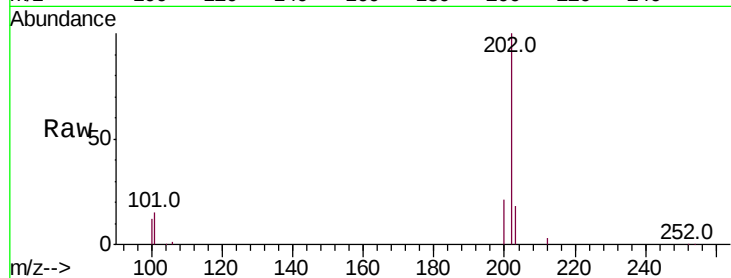




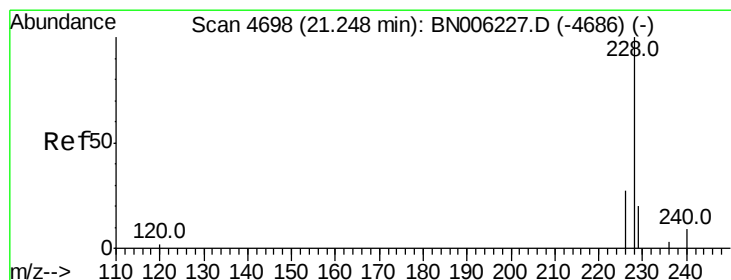
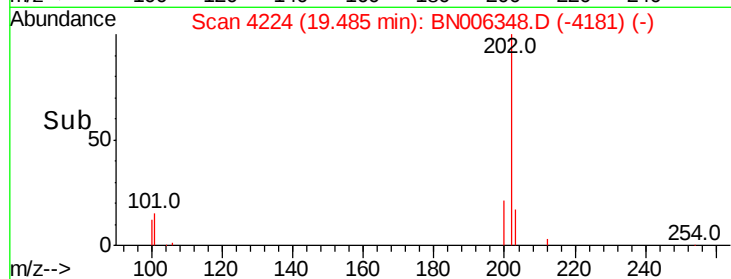
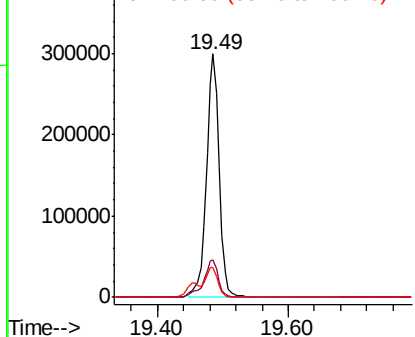
#17
Pvrene
Concen: 851.641 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 403736
Ion Ratio Lower Upper
202 100
101 15.3 12.2 18.2
100 12.1 9.8 14.6

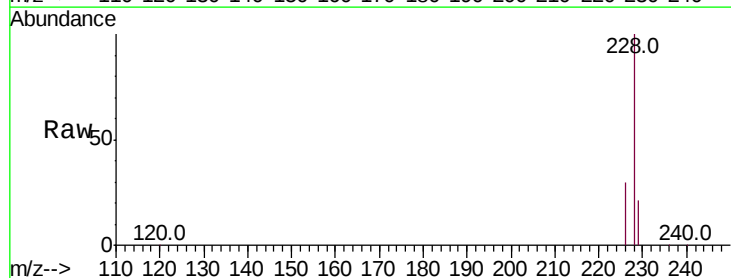


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

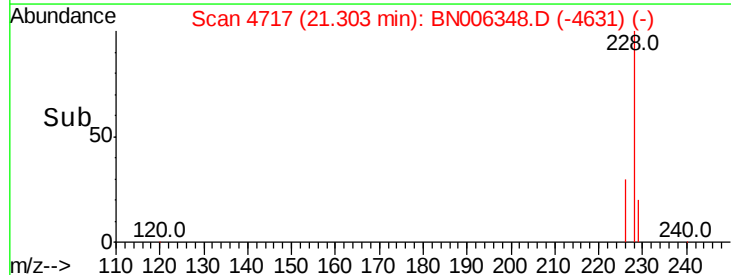
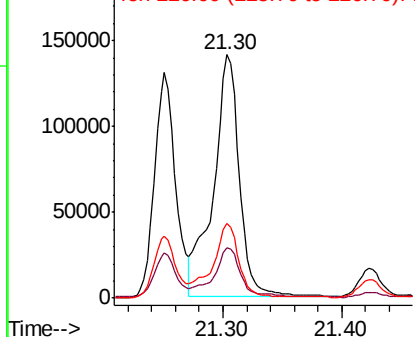


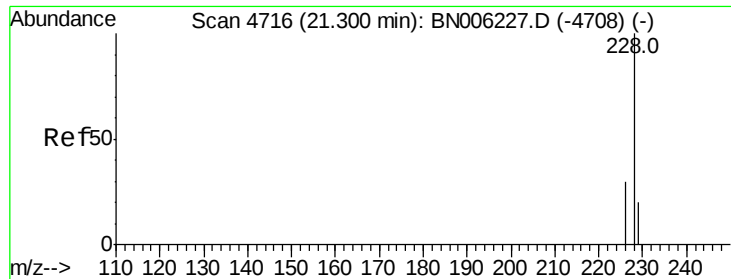
#18
Benzo(a)anthracene
Concen: 534.750 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. 0.05 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:228 Resp: 212861
Ion Ratio Lower Upper
228 100
229 20.8 16.5 24.7
226 30.5 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: 509.342 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. -0.00 min

Lab File: BN006348.D

Acq: 17 Jun 2019 15:16

Instrument :

BNA_N

ClientSampleId :

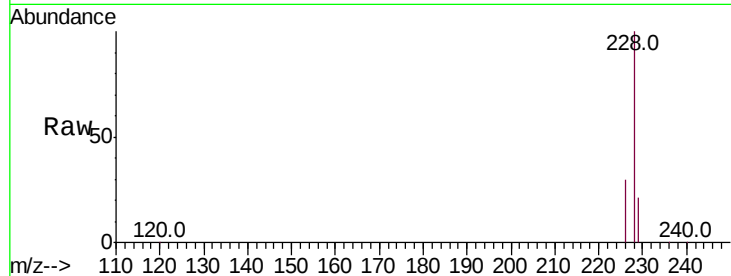
Tot Ion:228 Resp: 190334

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

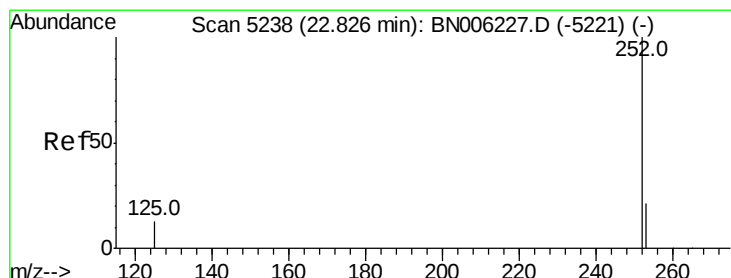
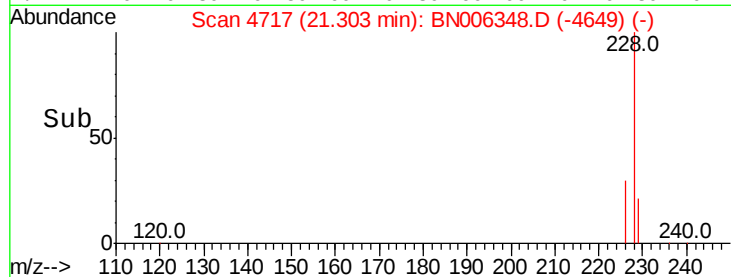
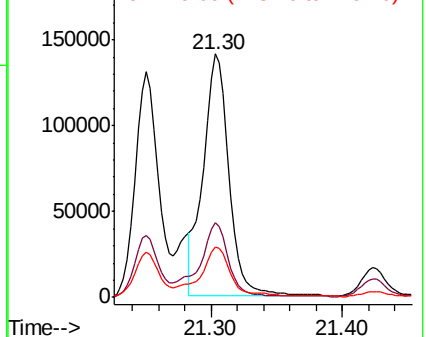
229 20.8 16.3 24.5



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: 3.037 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. 0.17 min

Lab File: BN006348.D

Acq: 17 Jun 2019 15:16

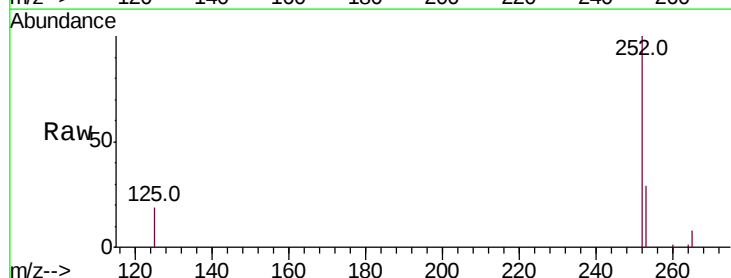
Tgt Ion:252 Resp: 22945

Ion Ratio Lower Upper

252 100

253 29.3 0.0 51.4

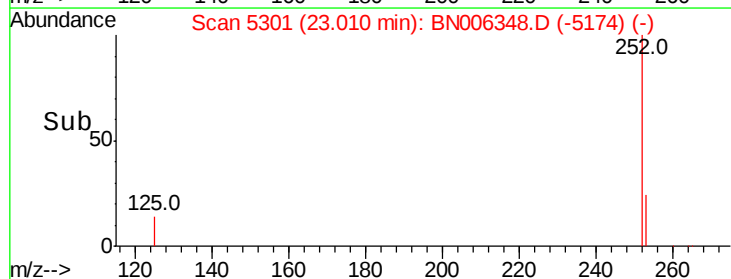
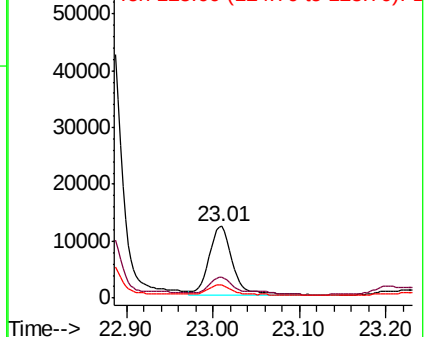
125 18.7 0.0 41.0

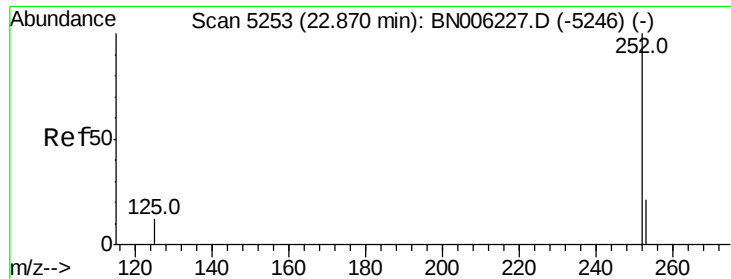


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.902 ng/u1

RT: 23.01 min Scan# 5301

Delta R.T. 0.13 min

Lab File: BN006348.D

Acq: 17 Jun 2019 15:16

Instrument :

BNA_N

ClientSampleId :

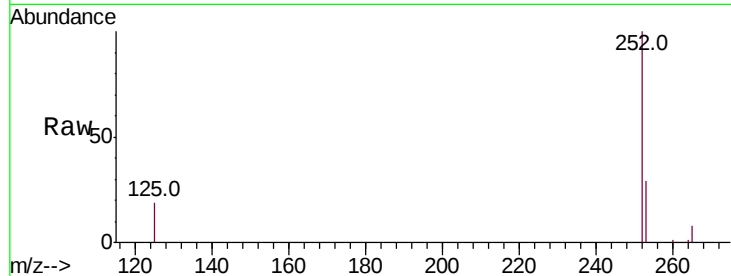
Tot Ion:252 Resp: 21356

Ion Ratio Lower Upper

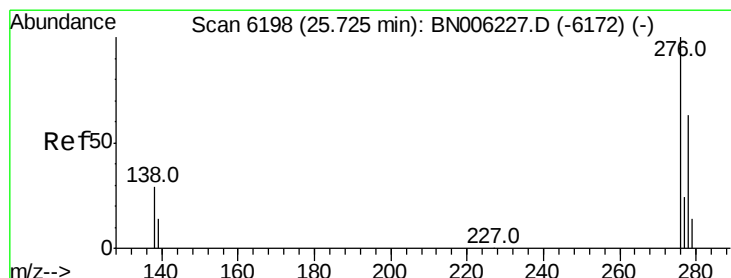
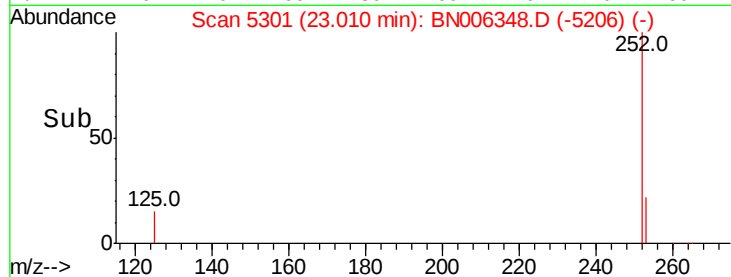
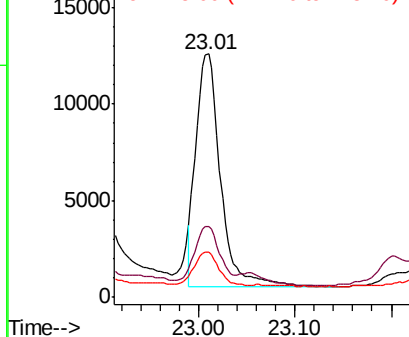
252 100

253 29.3 20.3 30.5

125 18.7 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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.455 ng/u1

RT: 26.00 min Scan# 6280

Delta R.T. 0.25 min

Lab File: BN006348.D

Acq: 17 Jun 2019 15:16

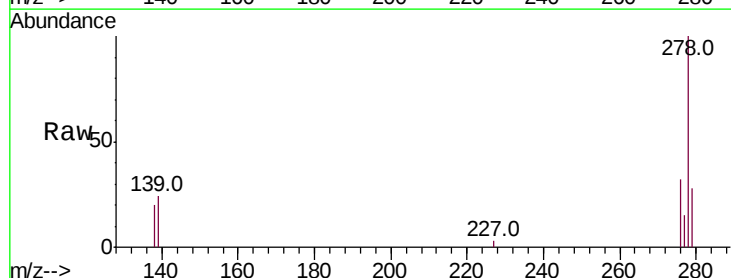
Tgt Ion:276 Resp: 3465

Ion Ratio Lower Upper

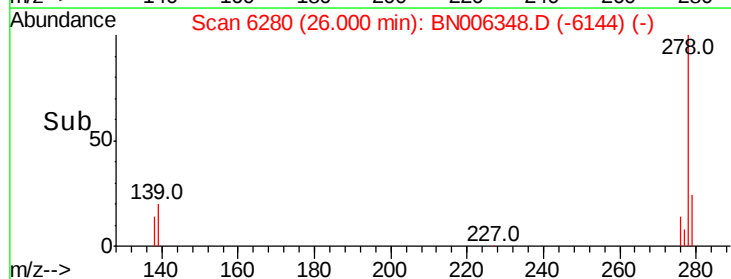
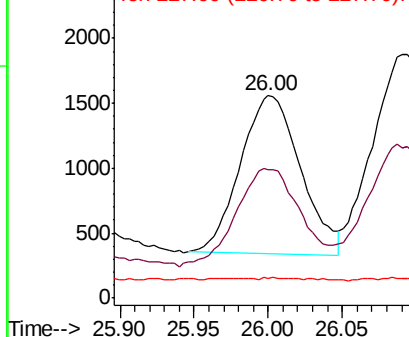
276 100

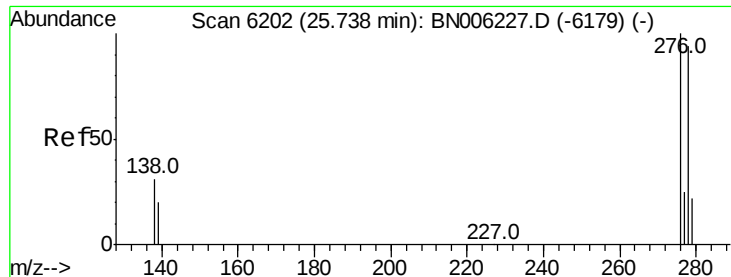
138 65.7 25.6 38.4#

227 0.8 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



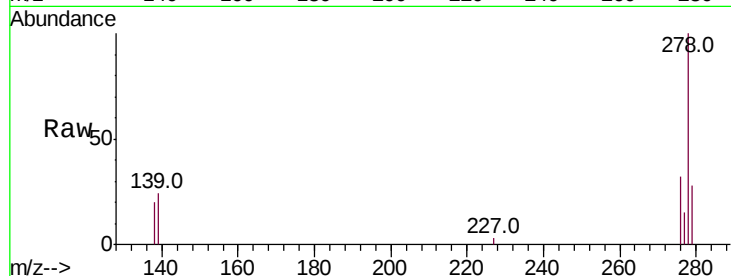


#25
Dibenzo(a,h)anthracene
Concen: 2.197 ng/ul
RT: 26.00 min Scan# 6280
Delta R.T. 0.25 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

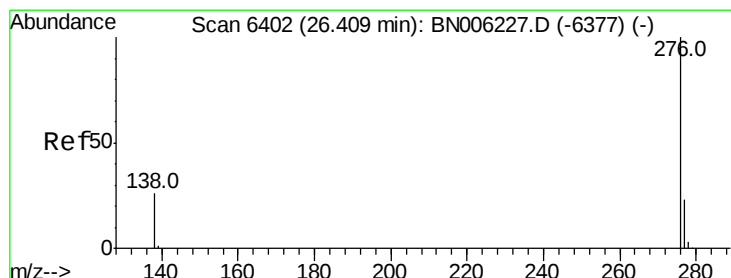
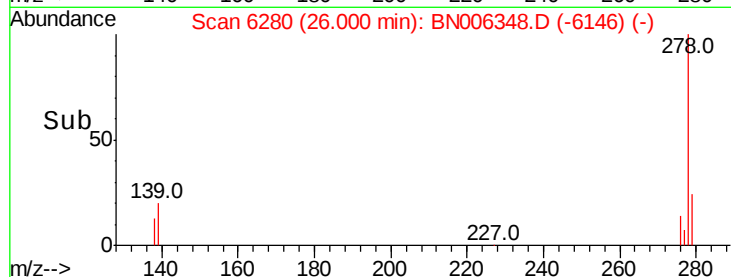
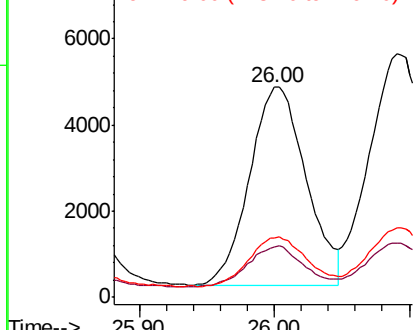
Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 13380

Ion	Ratio	Lower	Upper
278	100		
139	24.0	21.2	31.8
279	28.3	22.6	33.8



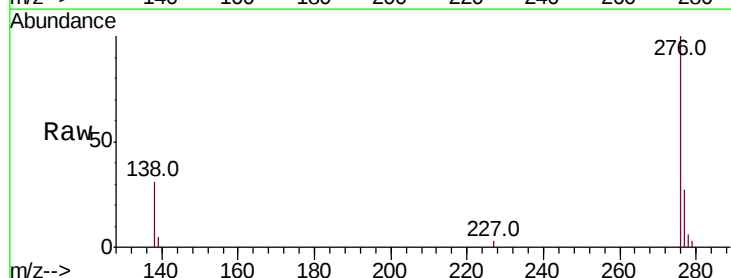
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 2.612 ng/ul
RT: 26.79 min Scan# 6515
Delta R.T. 0.36 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:276 Resp: 16661

Ion	Ratio	Lower	Upper
276	100		
138	31.3	24.2	36.4
277	27.4	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

