

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006361.D
 Acq On : 17 Jun 2019 22:44
 Operator : JU/SJ
 Sample : K3335-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 18 01:52:15 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

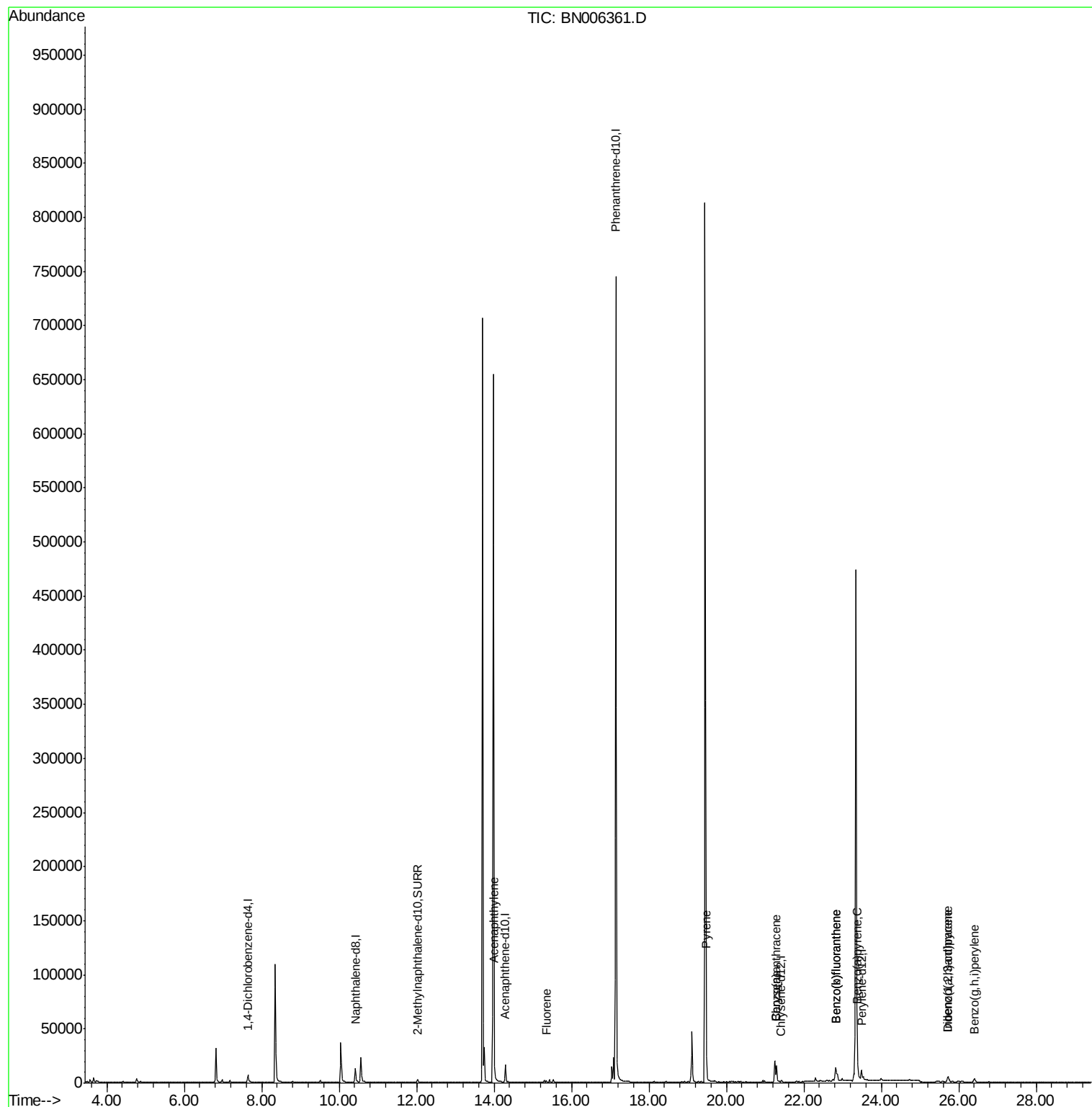
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17311	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9246	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	812889	0.40	ng/ul	0.09
16) Chrysene-d12	21.41	240	51	0.40	ng/ul	0.14
20) Perylene-d12	23.49	264	15899	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4703	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	2698	0.052	ng/ul#	92
9) Fluorene	15.35	166	1432	0.034	ng/ul#	96
17) Pyrene	19.48	202	38531	143.431	ng/ul	98
18) Benzo(a)anthracene	21.29	228	16082	71.296	ng/ul	95
19) Chrysene	21.29	228	15050	71.073	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	28214	0.426	ng/ul	99
22) Benzo(k)fluoranthene	22.82	252	28214	0.437	ng/ul	97
23) Benzo(a)pyrene	23.38	252	13907	0.225	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.72	276	8838	0.132	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.73	278	2547	0.048	ng/ul#	76
26) Benzo(g,h,i)perylene	26.40	276	7017	0.125	ng/ul	98

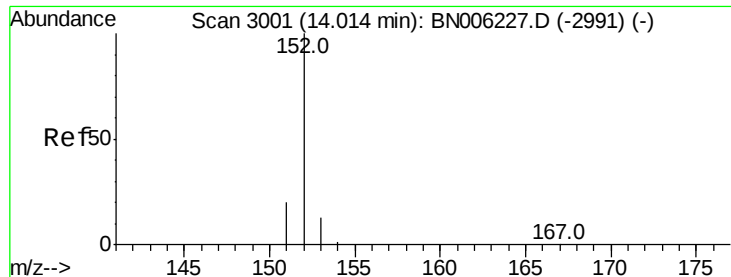
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Instrument :

BNA_N

ClientSampleId :

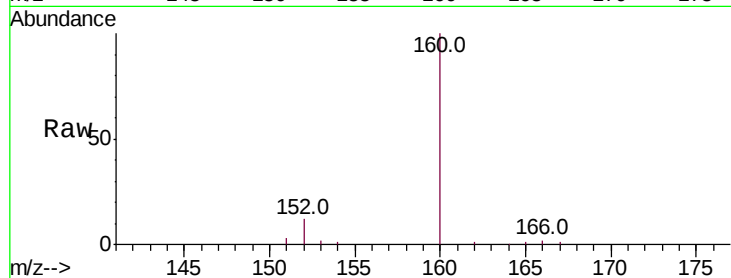
Tot Ion:152 Resp: 2698

Ion Ratio Lower Upper

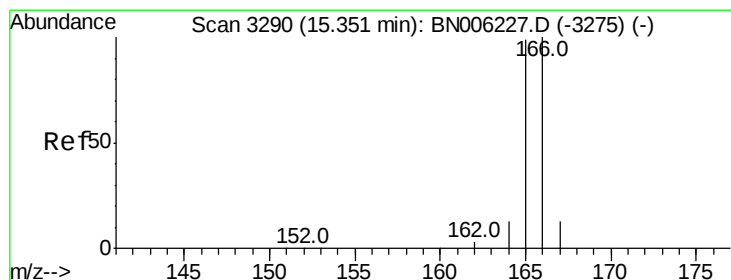
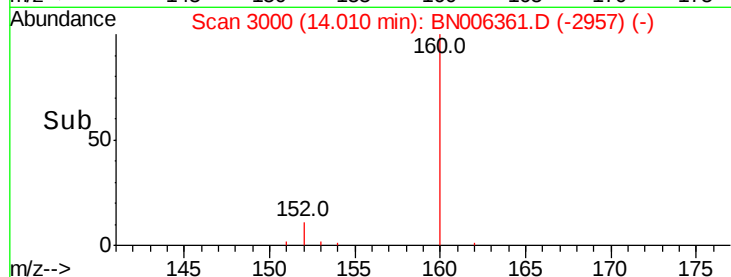
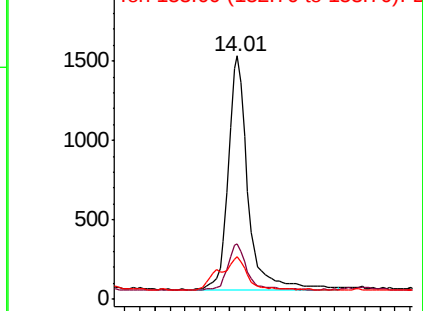
152 100

151 22.8 15.8 23.8

153 17.6 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



#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.35 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

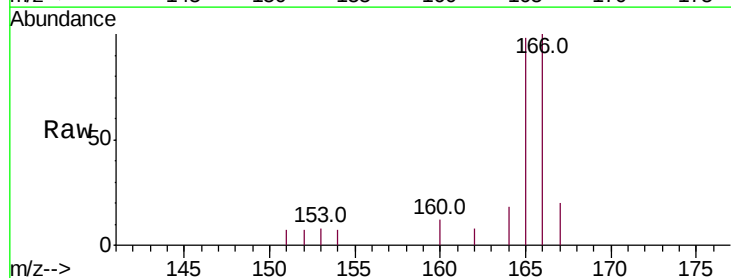
Tgt Ion:166 Resp: 1432

Ion Ratio Lower Upper

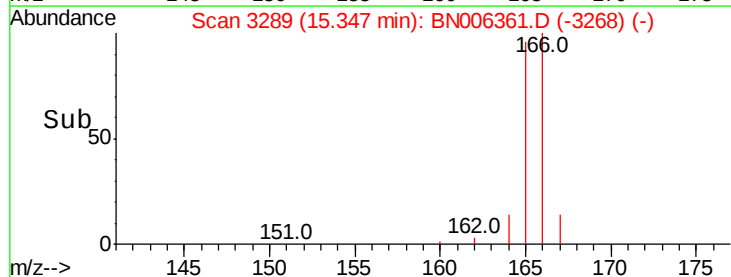
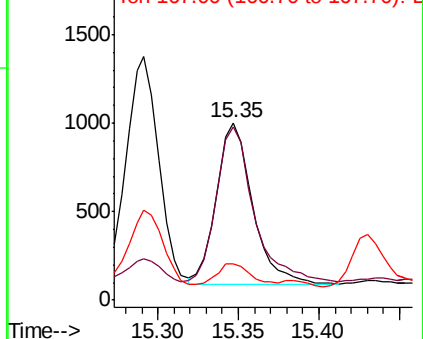
166 100

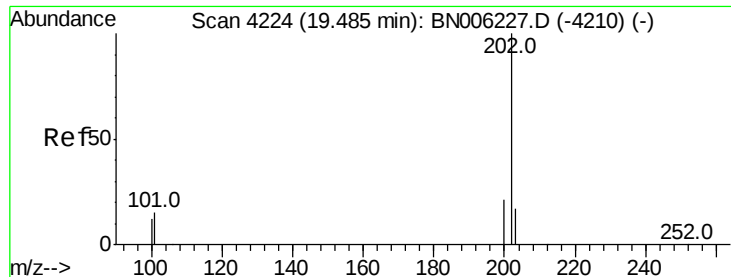
165 97.9 76.4 114.6

167 20.3 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: 143.431 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Instrument :

BNA_N

ClientSampleId :

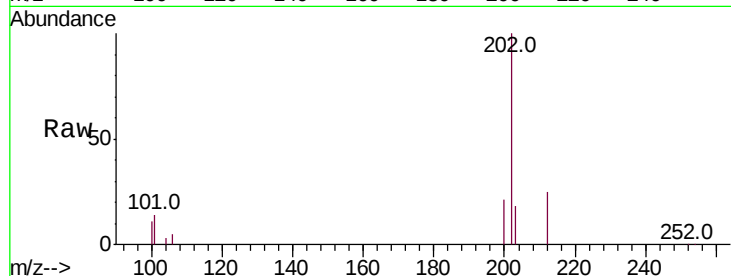
Tot Ion:202 Resp: 38531

Ion Ratio Lower Upper

202 100

101 14.3 12.2 18.2

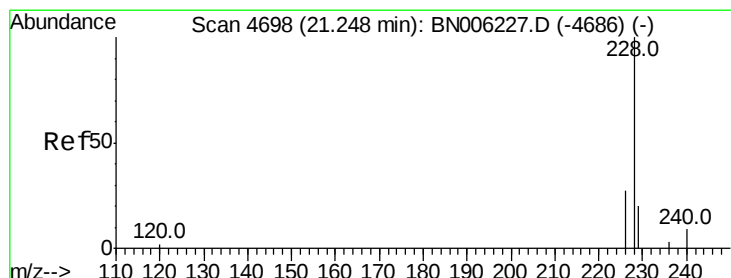
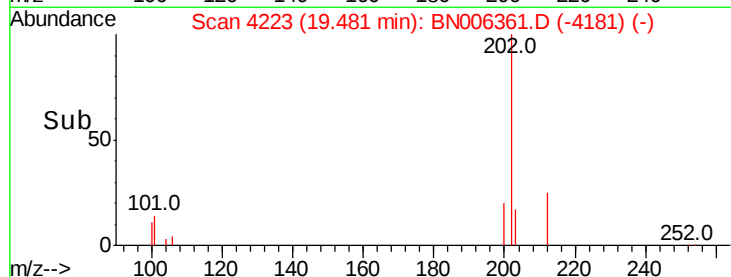
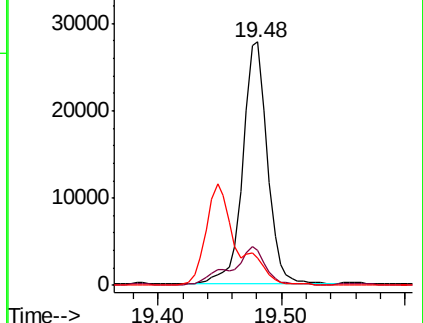
100 11.2 9.8 14.6



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: 71.296 ng/ul

RT: 21.29 min Scan# 4714

Delta R.T. 0.04 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

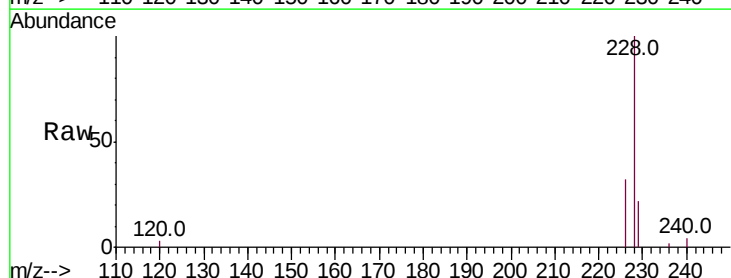
Tgt Ion:228 Resp: 16082

Ion Ratio Lower Upper

228 100

229 22.0 16.5 24.7

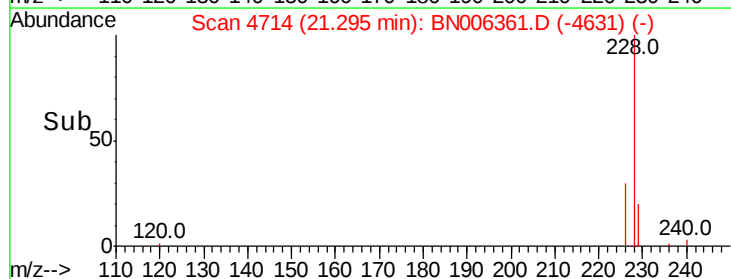
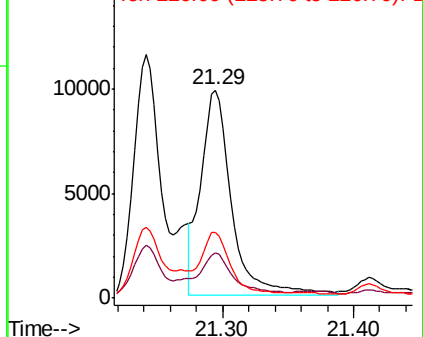
226 31.5 22.8 34.2

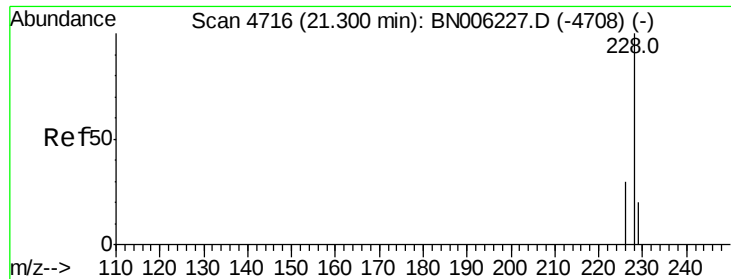


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 71.073 ng/ul

RT: 21.29 min Scan# 4714

Delta R.T. -0.01 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Instrument :

BNA_N

ClientSampleId :

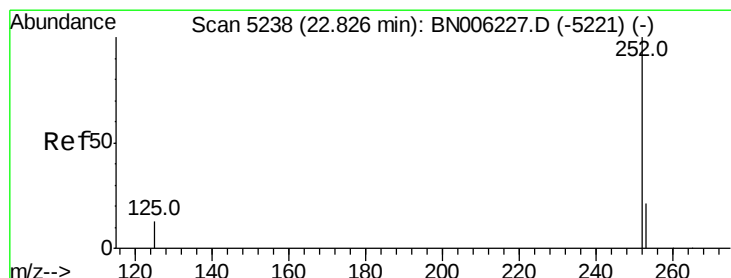
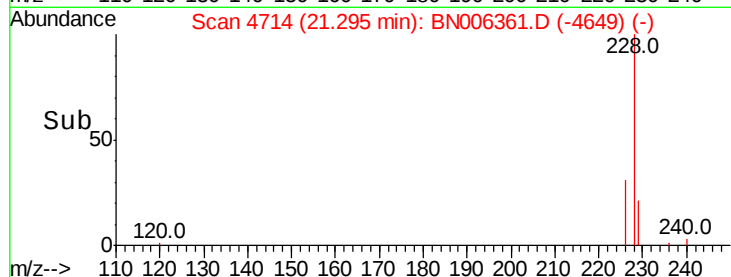
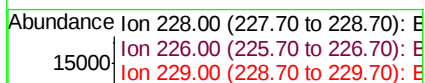
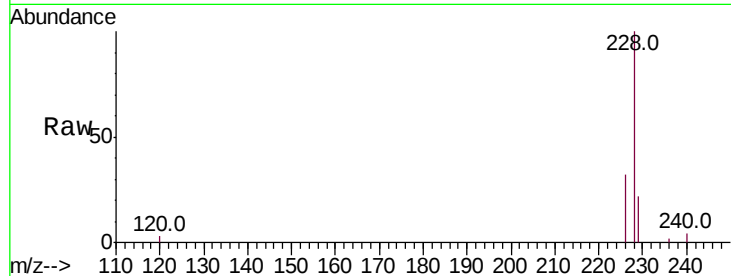
Tot Ion:228 Resp: 15050

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

229 22.0 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 0.426 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.01 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

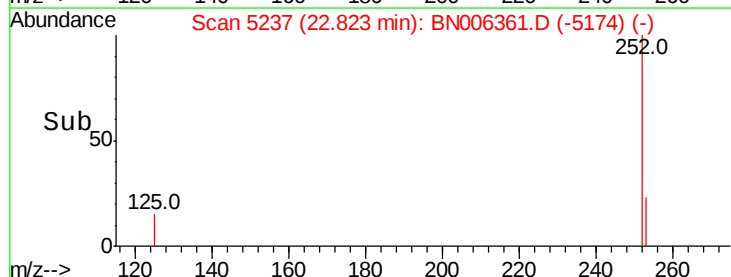
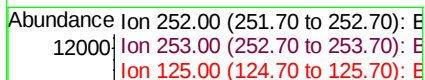
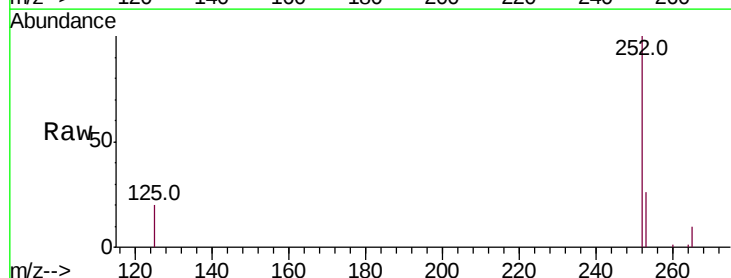
Tgt Ion:252 Resp: 28214

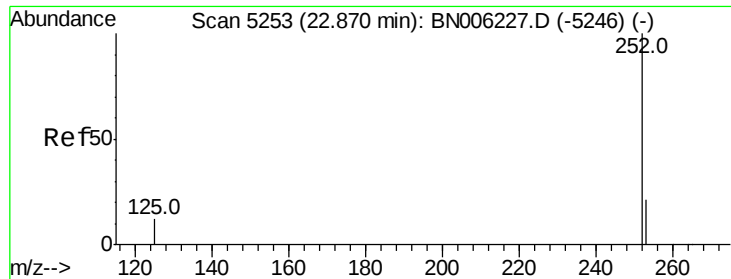
Ion Ratio Lower Upper

252 100

253 26.1 0.0 51.4

125 19.9 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 0.437 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.06 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Instrument :

BNA_N

ClientSampleId :

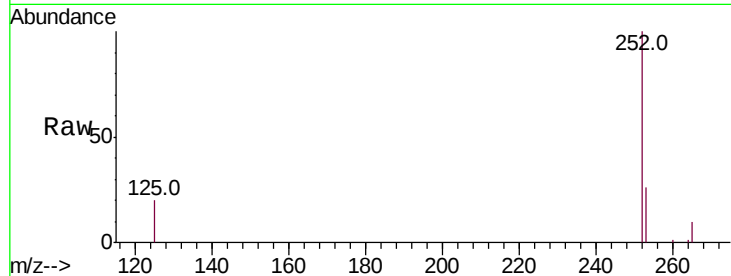
Tot Ion:252 Resp: 28214

Ion Ratio Lower Upper

252 100

253 26.1 20.3 30.5

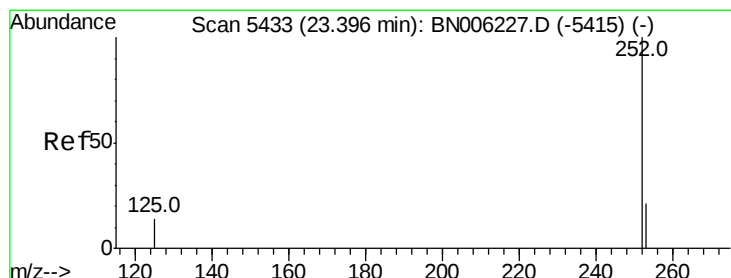
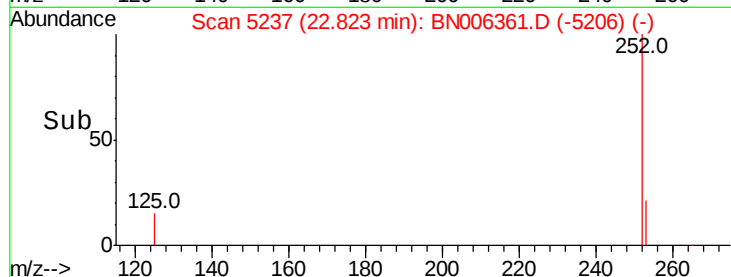
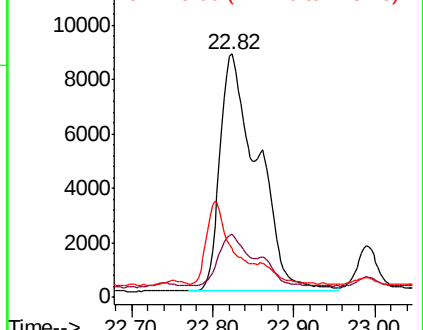
125 19.9 14.3 21.5



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: 0.225 ng/ul

RT: 23.38 min Scan# 5429

Delta R.T. -0.03 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

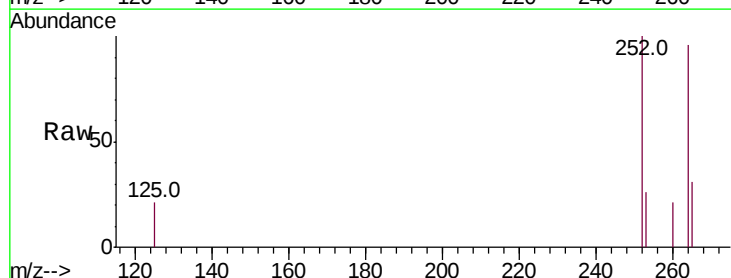
Tgt Ion:252 Resp: 13907

Ion Ratio Lower Upper

252 100

253 26.2 21.1 31.7

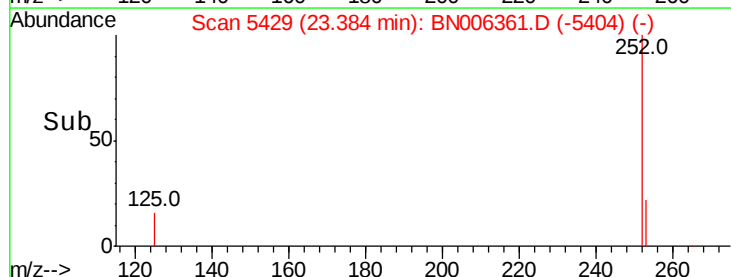
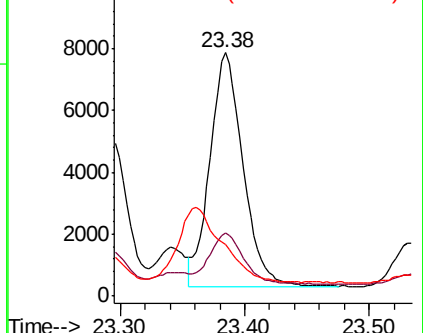
125 21.0 20.3 30.5

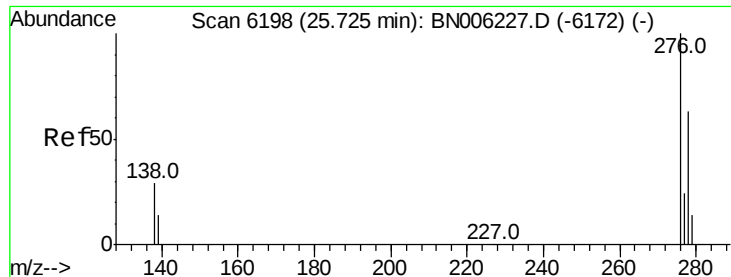


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



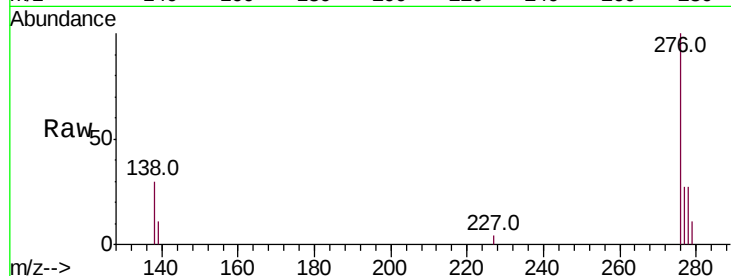


#24

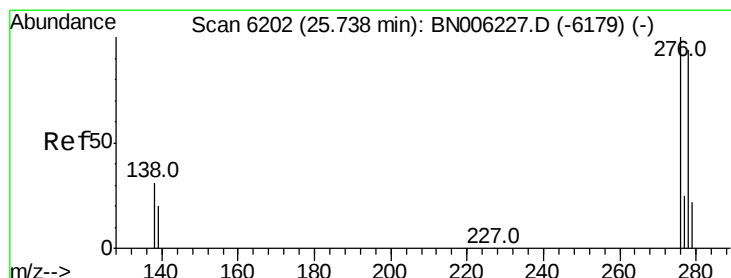
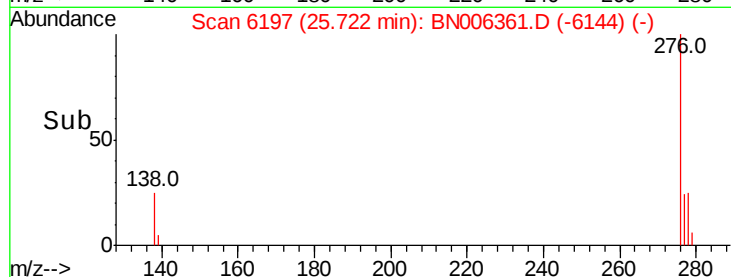
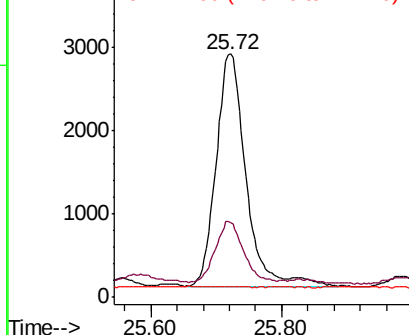
Indeno(1,2,3-cd)pyrene
Concen: 0.132 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.02 min
Lab File: BN006361.D
Acq: 17 Jun 2019 22:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 8838
Ion Ratio Lower Upper
276 100
138 24.2 25.6 38.4#
227 0.2 0.3 0.5#



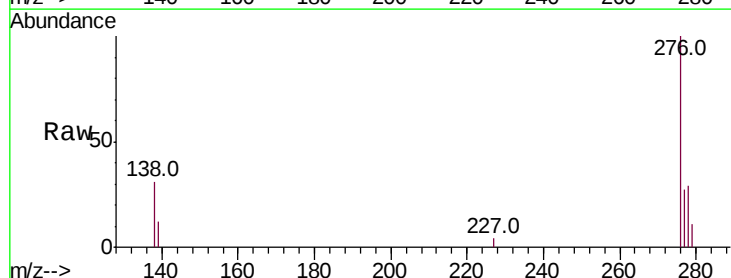
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



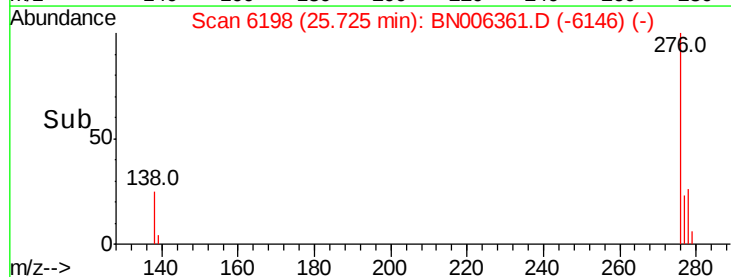
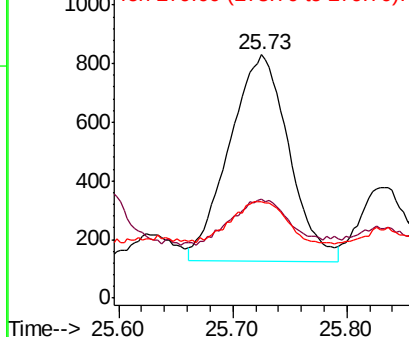
#25

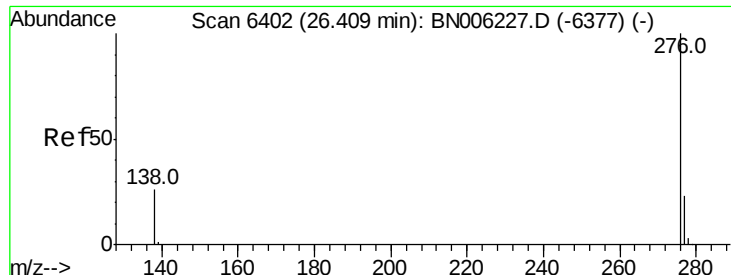
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. -0.03 min
Lab File: BN006361.D
Acq: 17 Jun 2019 22:44

Tgt Ion:278 Resp: 2547
Ion Ratio Lower Upper
278 100
139 40.4 21.2 31.8#
279 39.4 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

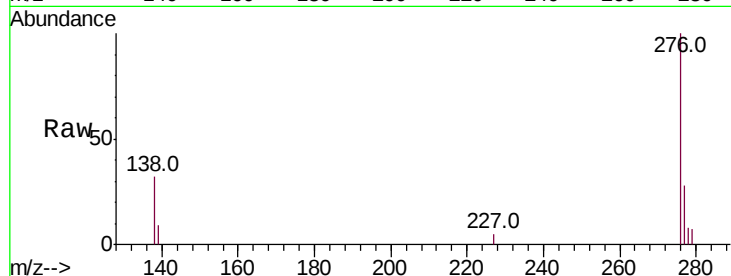




#26
 Benzo(a,h,i)perylene
 Concen: 0.125 ng/ul
 RT: 26.40 min Scan# 6400
 Delta R.T. -0.03 min
 Lab File: BN006361.D
 Acq: 17 Jun 2019 22:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	24.2	36.4
277	27.7	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

