

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006364.D
 Acq On : 18 Jun 2019 00:28
 Operator : JU/SJ
 Sample : K3335-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 18 01:52:27 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

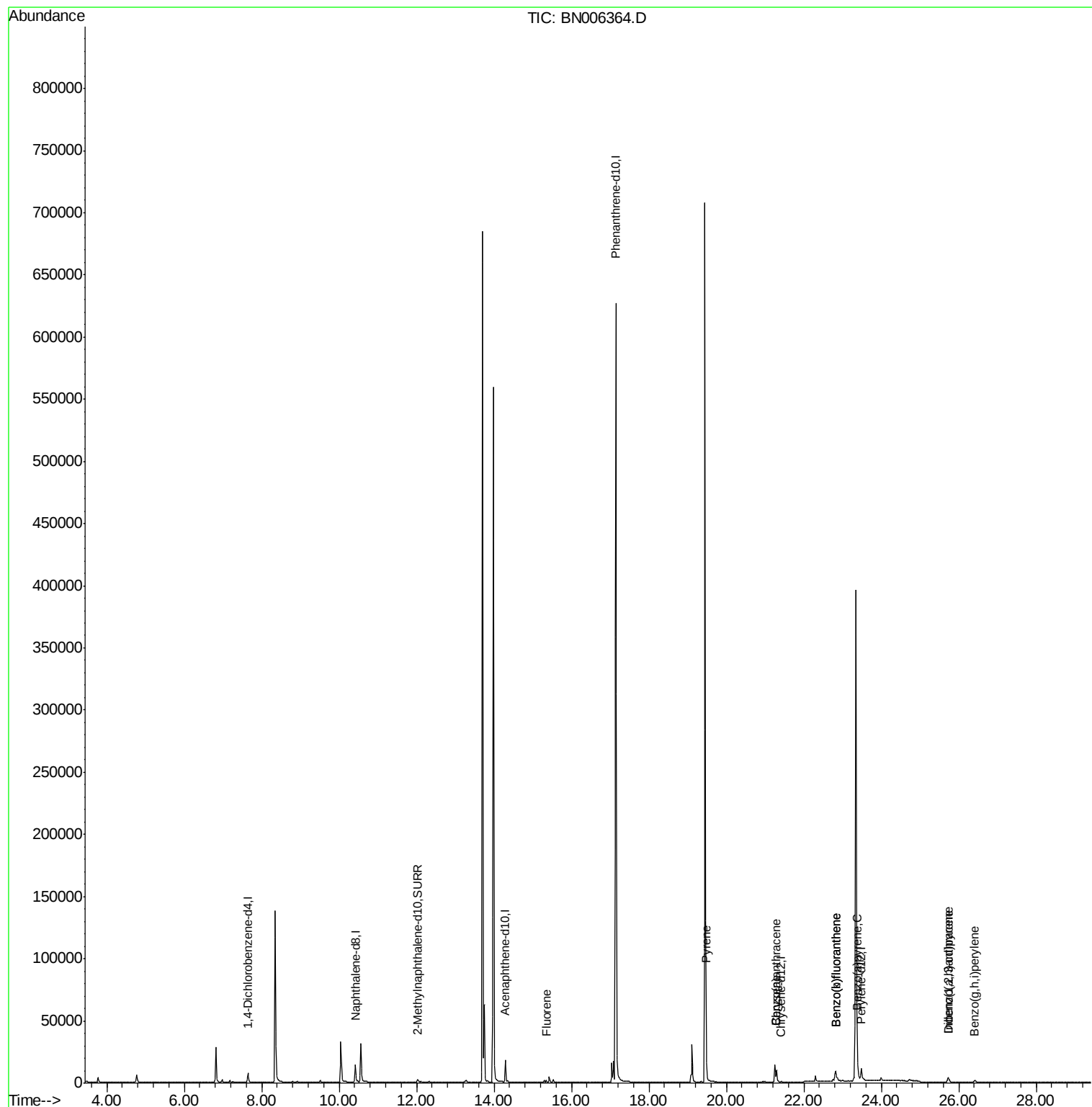
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4641	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9773	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	701697	0.40	ng/ul	0.09
16) Chrysene-d12	21.40	240	40	0.40	ng/ul	0.14
20) Perylene-d12	23.49	264	16980	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4073	0.14	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
9) Fluorene	15.35	166	935	0.021	ng/ul#	96
17) Pyrene	19.48	202	21911	103.993	ng/ul	99
18) Benzo(a)anthracene	21.30	228	10727	60.634	ng/ul	97
19) Chrysene	21.30	228	9847	59.290	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	15833	0.224	ng/ul	94
22) Benzo(k)fluoranthene	22.82	252	15833	0.230	ng/ul#	91
23) Benzo(a)pyrene	23.39	252	7310	0.111	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.73	276	6288	0.088	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.73	278	2316	0.041	ng/ul#	85
26) Benzo(g,h,i)perylene	26.41	276	3030	0.051	ng/ul	92

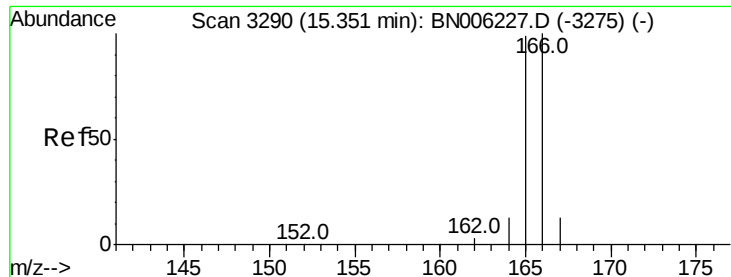
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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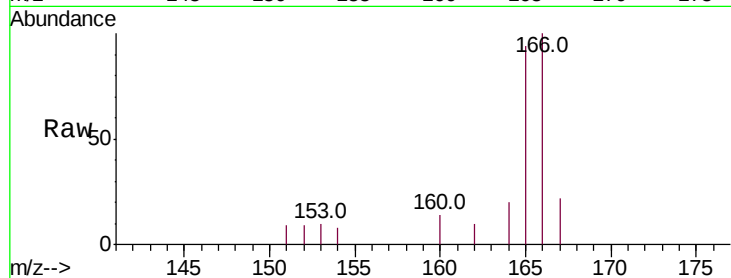




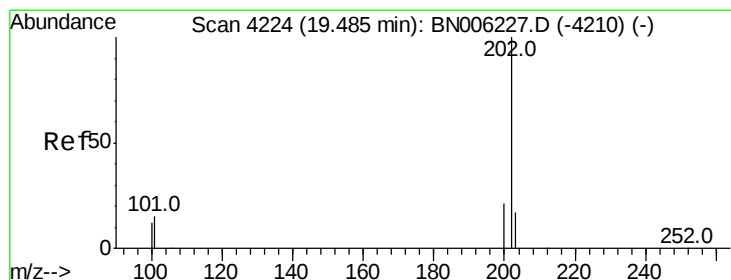
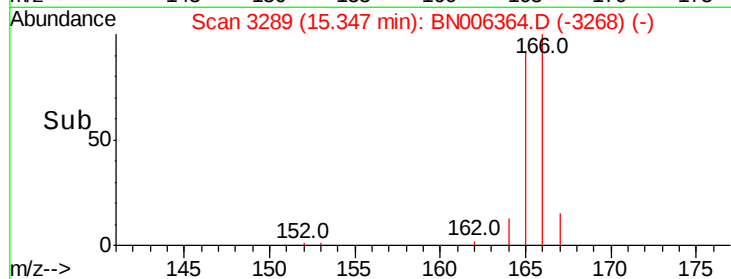
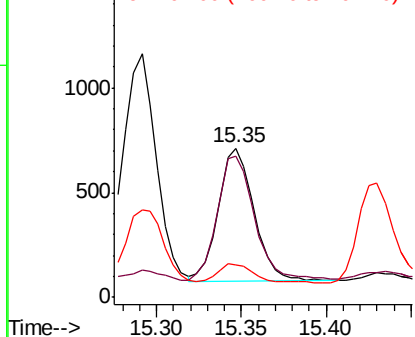
#9
Fluorene
 Concen: 0.021 ng/ul
 RT: 15.35 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BN006364.D
 Acq: 18 Jun 2019 00:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 935
 Ion Ratio Lower Upper
 166 100
 165 94.2 76.4 114.6
 167 22.0 11.0 16.6#

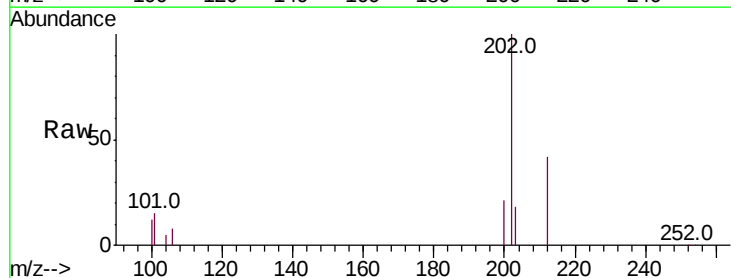


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

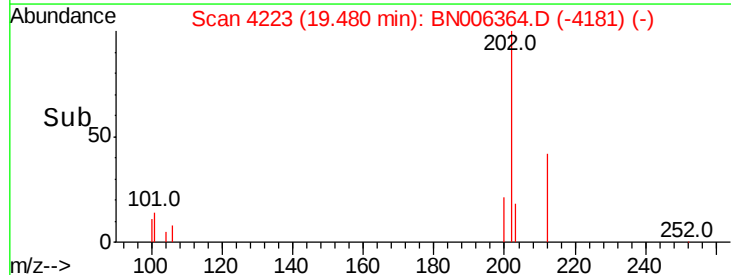
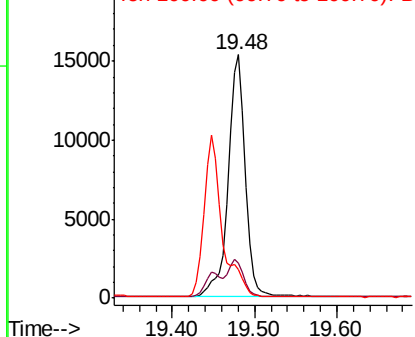


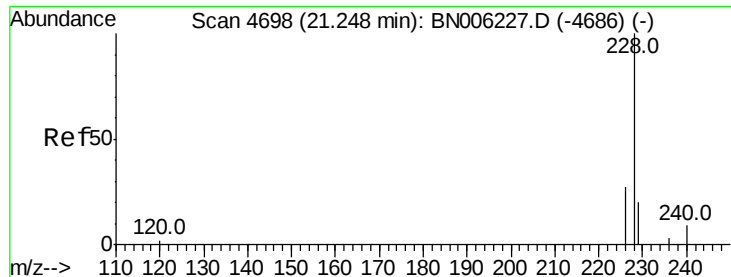
#17
Pyrene
 Concen: 103.993 ng/ul
 RT: 19.48 min Scan# 4223
 Delta R.T. -0.00 min
 Lab File: BN006364.D
 Acq: 18 Jun 2019 00:28

Tgt Ion:202 Resp: 21911
 Ion Ratio Lower Upper
 202 100
 101 14.6 12.2 18.2
 100 11.8 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: 60.634 ng/ul

RT: 21.30 min Scan# 4714

Delta R.T. 0.04 min

Lab File: BN006364.D

Acq: 18 Jun 2019 00:28

Instrument :

BNA_N

ClientSampleId :

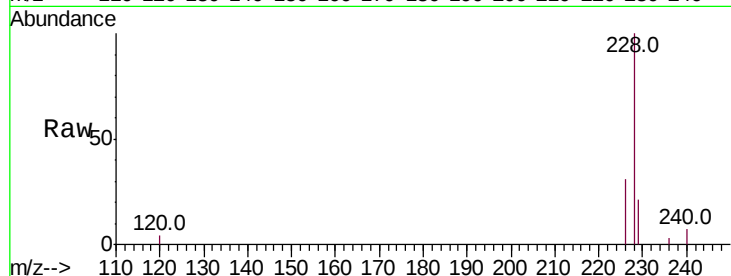
Tot Ion:228 Resp: 10727

Ion Ratio Lower Upper

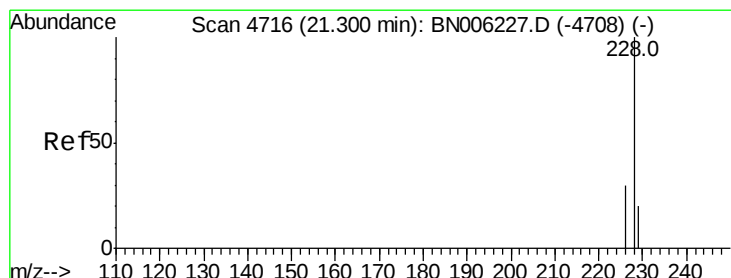
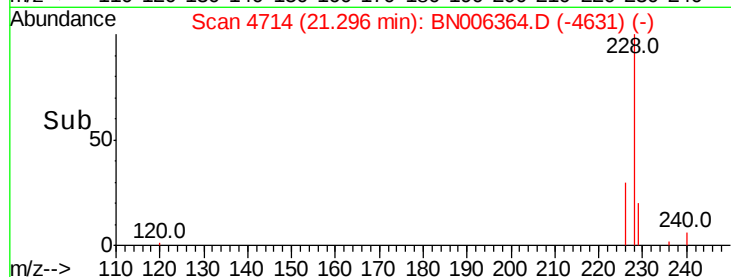
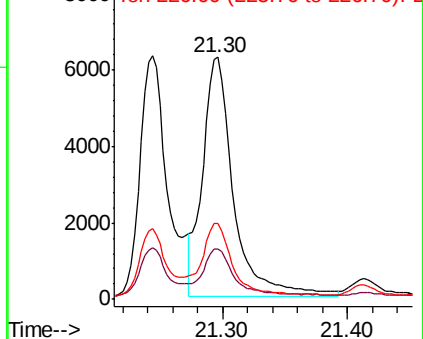
228 100

229 20.9 16.5 24.7

226 31.2 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: 59.290 ng/ul

RT: 21.30 min Scan# 4714

Delta R.T. -0.01 min

Lab File: BN006364.D

Acq: 18 Jun 2019 00:28

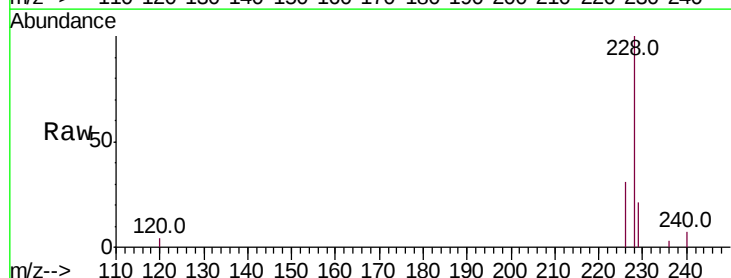
Tgt Ion:228 Resp: 9847

Ion Ratio Lower Upper

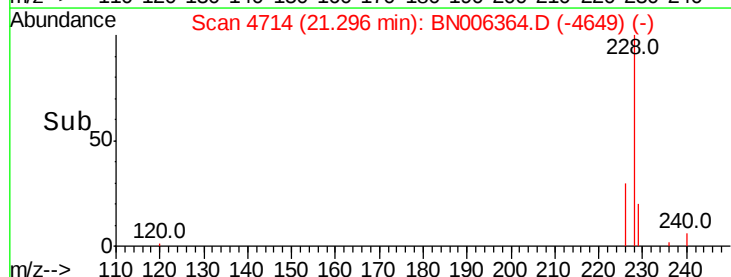
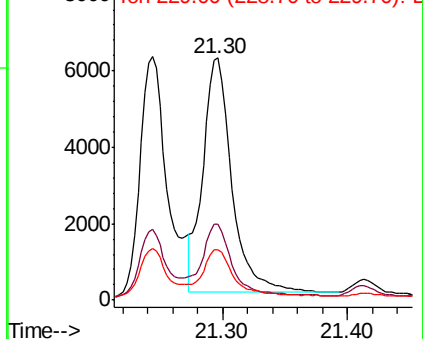
228 100

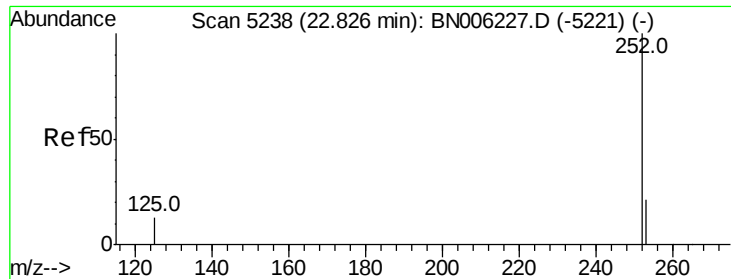
226 31.2 25.0 37.6

229 20.9 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: 0.224 ng/ul

RT: 22.82 min Scan# 5236

Delta R.T. -0.02 min

Lab File: BN006364.D

Acq: 18 Jun 2019 00:28

Instrument :

BNA_N

ClientSampleId :

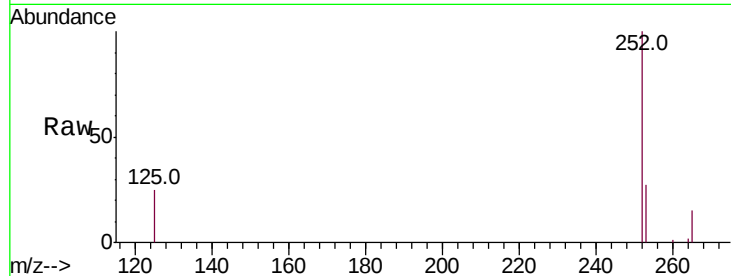
Tot Ion:252 Resp: 15833

Ion Ratio Lower Upper

252 100

253 27.2 0.0 51.4

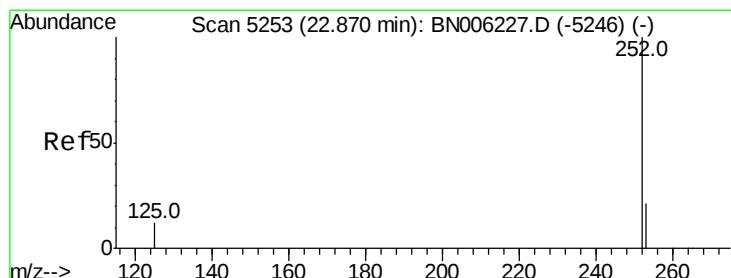
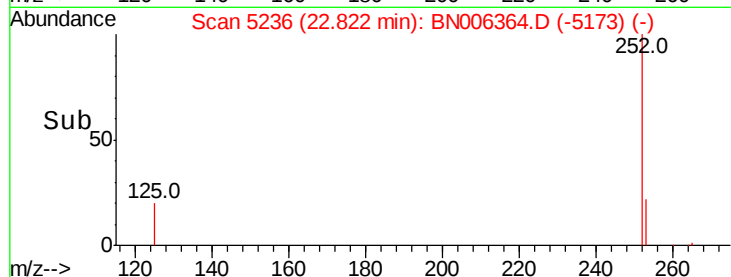
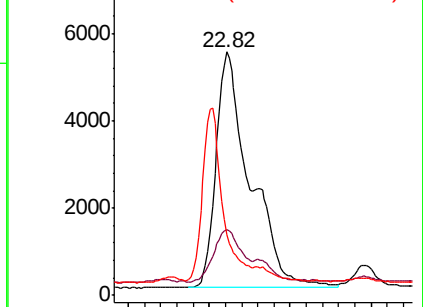
125 24.9 0.0 41.0



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: 0.230 ng/ul

RT: 22.82 min Scan# 5236

Delta R.T. -0.06 min

Lab File: BN006364.D

Acq: 18 Jun 2019 00:28

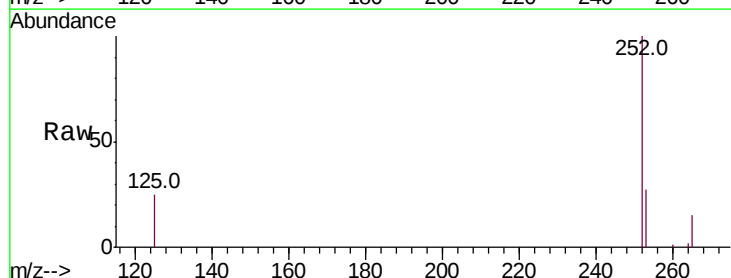
Tgt Ion:252 Resp: 15833

Ion Ratio Lower Upper

252 100

253 27.2 20.3 30.5

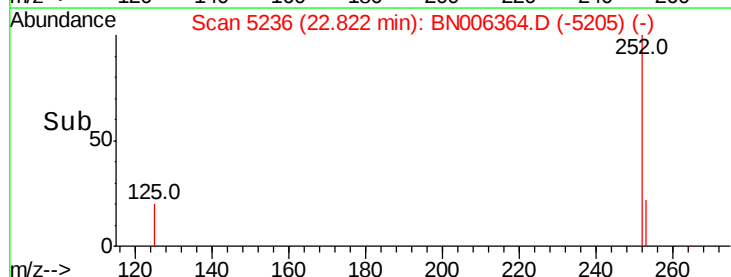
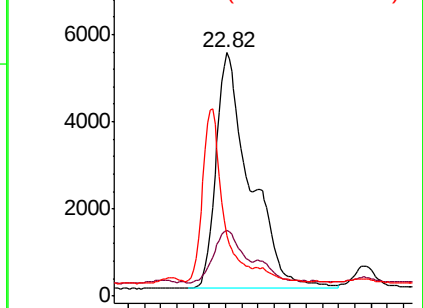
125 24.9 14.3 21.5#

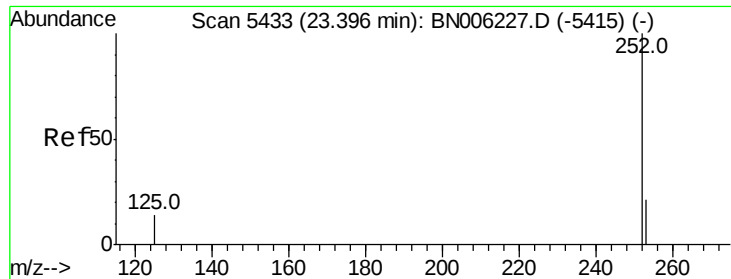


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.111 ng/ul

RT: 23.39 min Scan# 5430

Delta R.T. -0.02 min

Lab File: BN006364.D

Acq: 18 Jun 2019 00:28

Instrument :

BNA_N

ClientSampleId :

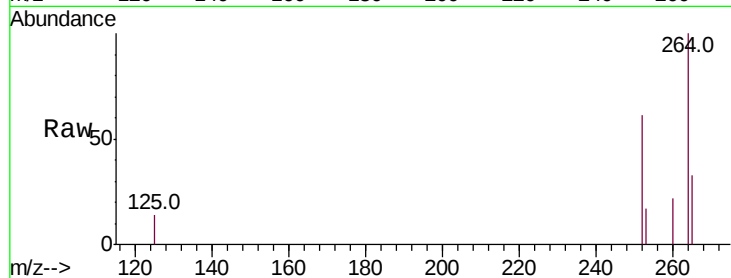
Tot Ion:252 Resp: 7310

Ion Ratio Lower Upper

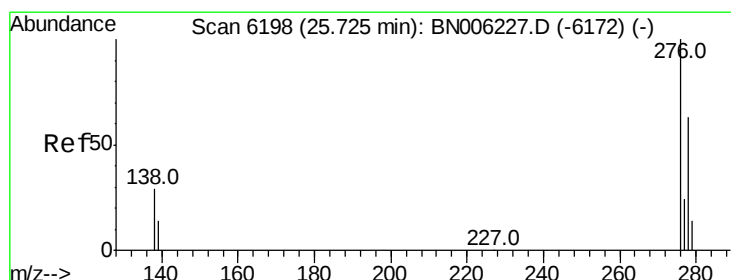
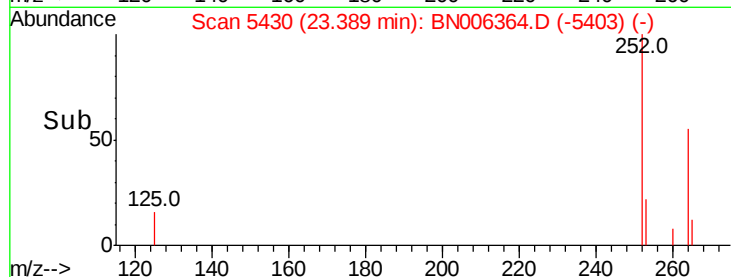
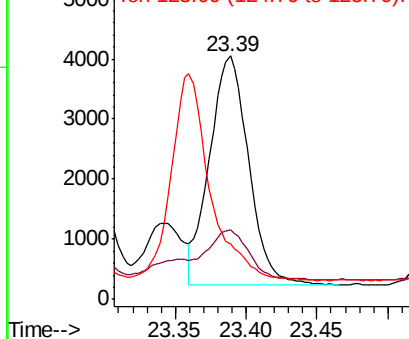
252 100

253 28.8 21.1 31.7

125 22.5 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: 0.088 ng/ul

RT: 25.73 min Scan# 6198

Delta R.T. -0.02 min

Lab File: BN006364.D

Acq: 18 Jun 2019 00:28

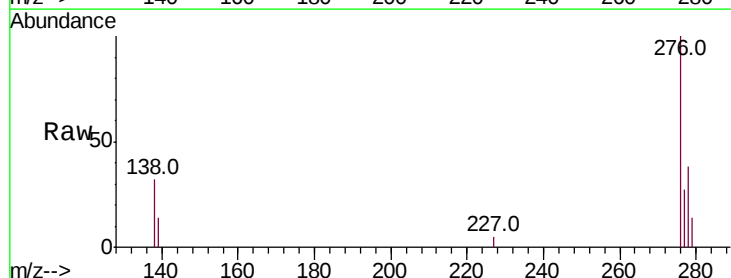
Tgt Ion:276 Resp: 6288

Ion Ratio Lower Upper

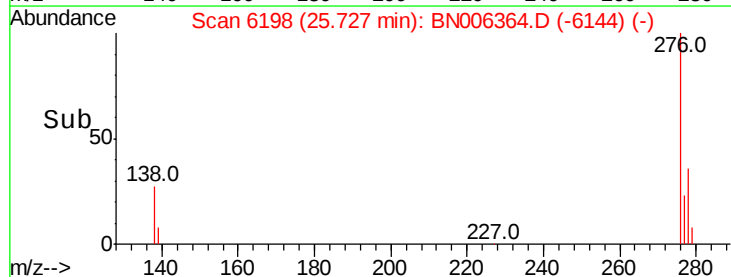
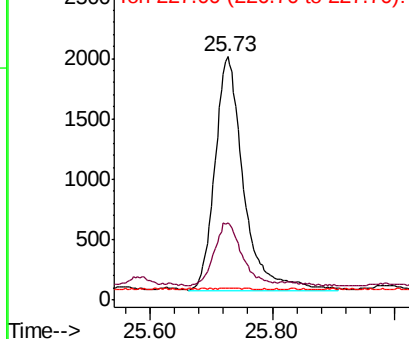
276 100

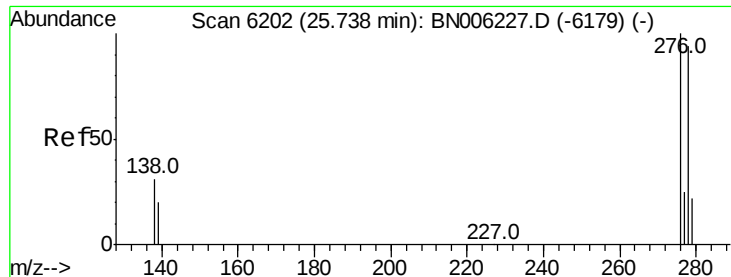
138 26.7 25.6 38.4

227 0.1 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

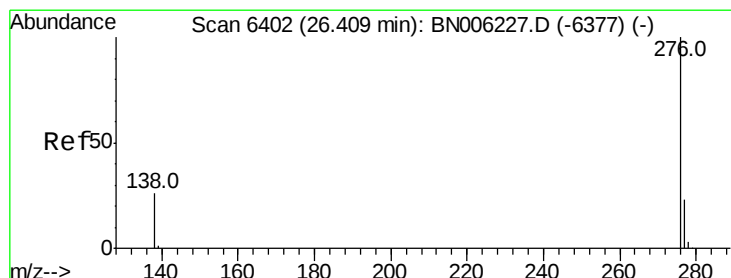
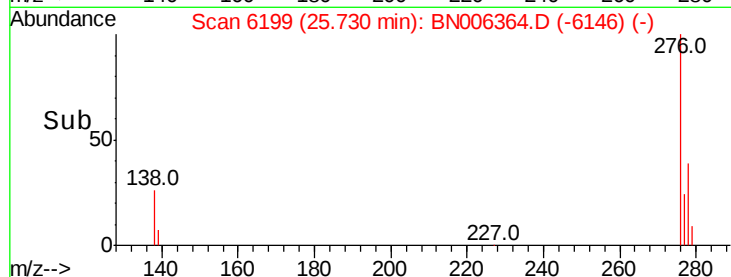
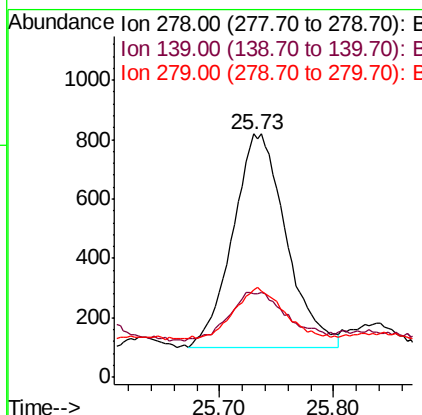
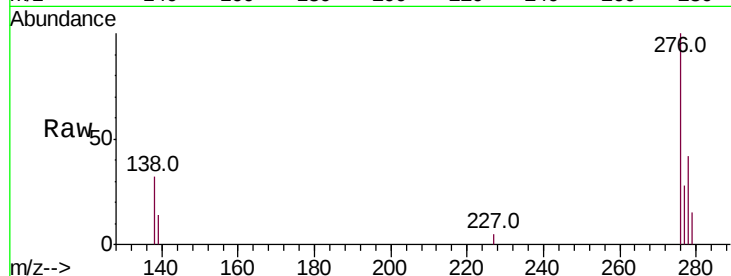




#25
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.02 min
Lab File: BN006364.D
Acq: 18 Jun 2019 00:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 2316
Ion Ratio Lower Upper
278 100
139 34.6 21.2 31.8#
279 35.8 22.6 33.8#



#26
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 26.41 min Scan# 6402
Delta R.T. -0.02 min
Lab File: BN006364.D
Acq: 18 Jun 2019 00:28

Tgt Ion:276 Resp: 3030
Ion Ratio Lower Upper
276 100
138 35.1 24.2 36.4
277 30.4 21.5 32.3

