

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006550.D
 Acq On : 25 Jun 2019 02:15
 Operator : HP/JU
 Sample : K3362-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41X8

Quant Time: Jun 25 04:10:07 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

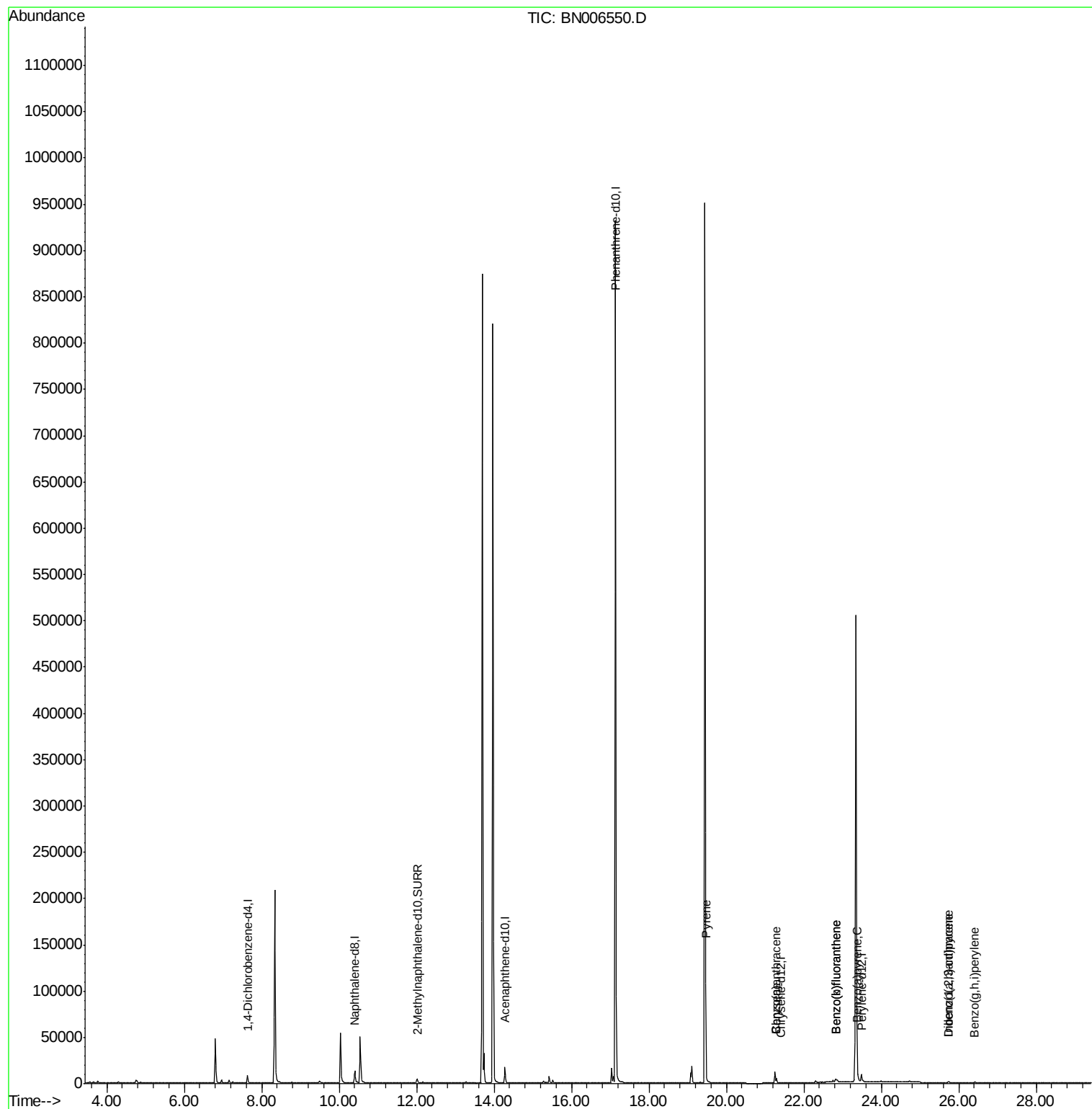
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4822	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	18395	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9471	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	1007516	0.40	ng/ul	0.09
16) Chrysene-d12	21.40	240	39	0.40	ng/ul	0.14
20) Perylene-d12	23.49	264	13842	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7478	0.27	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
17) Pyrene	19.47	202	15279	74.376	ng/ul	97
18) Benzo(a)anthracene	21.29	228	5336	30.935	ng/ul	94
19) Chrysene	21.29	228	5031	31.069	ng/ul	97
21) Benzo(b)fluoranthene	22.82	252	9234	0.160	ng/ul	93
22) Benzo(k)fluoranthene	22.82	252	9234	0.164	ng/ul#	90
23) Benzo(a)pyrene	23.39	252	4385	0.082	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.73	276	3041	0.052	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.74	278	940	0.020	ng/ul#	49
26) Benzo(g,h,i)perylene	26.41	276	2379	0.049	ng/ul	93

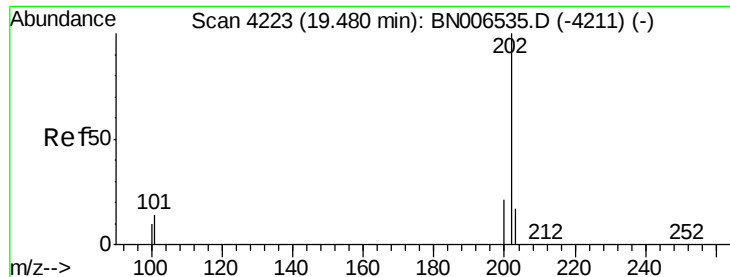
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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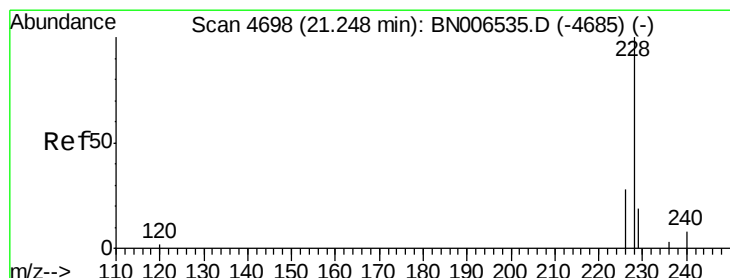
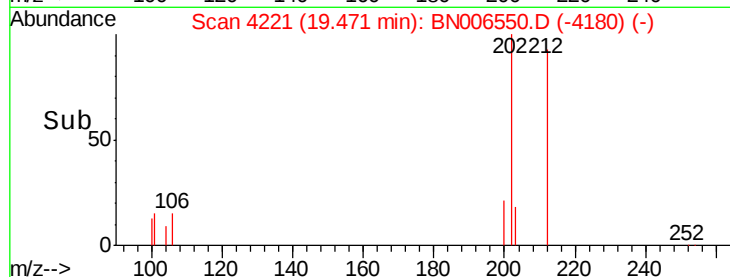
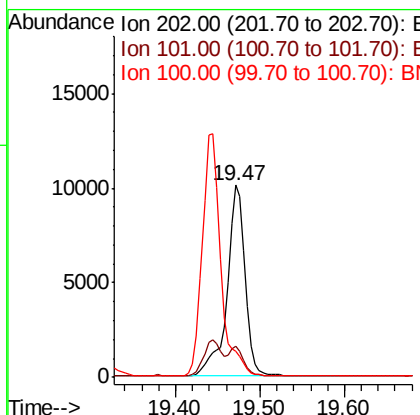
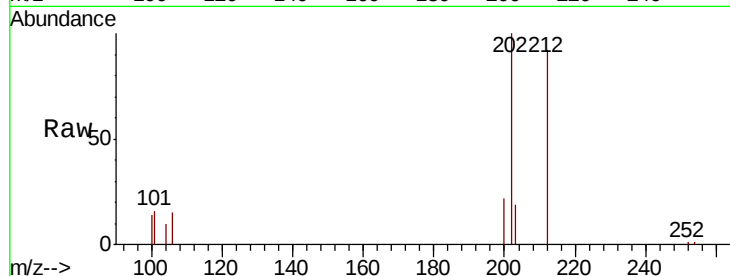




#17
 Pyrene
 Concen: 74.376 ng/ul
 RT: 19.47 min Scan# 4221
 Delta R.T. -0.01 min
 Lab File: BN006550.D
 Acq: 25 Jun 2019 02:15

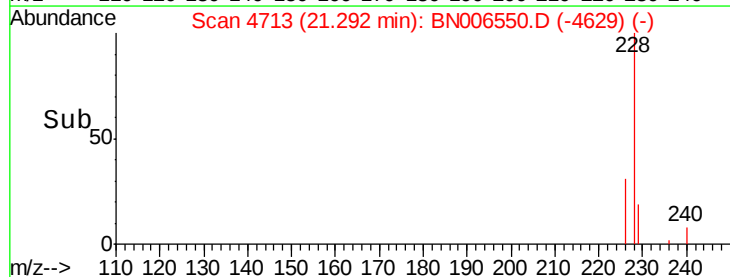
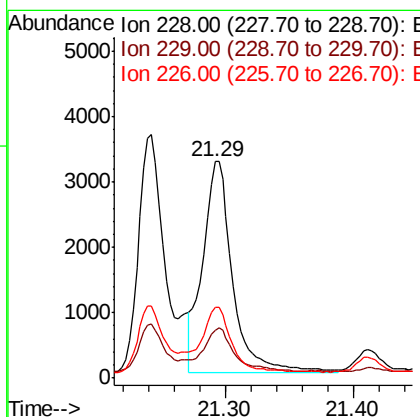
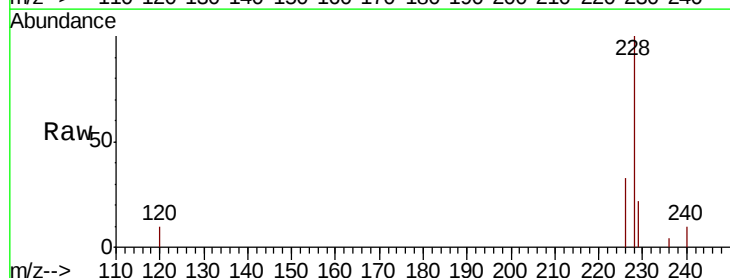
Instrument :
 BNA_N
 ClientSampleId :
 A41X8

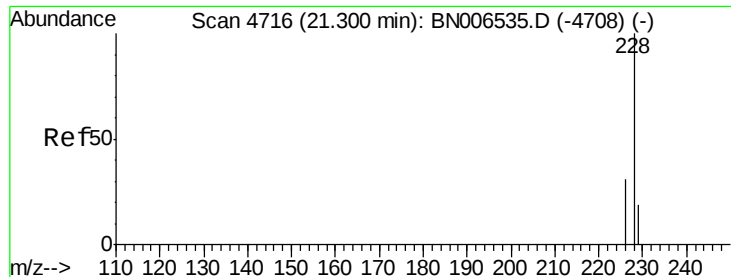
Tgt Ion:202 Resp: 15279
 Ion Ratio Lower Upper
 202 100
 101 16.2 12.2 18.2
 100 13.7 9.8 14.6



#18
 Benzo(a)anthracene
 Concen: 30.935 ng/ul
 RT: 21.29 min Scan# 4713
 Delta R.T. 0.04 min
 Lab File: BN006550.D
 Acq: 25 Jun 2019 02:15

Tgt Ion:228 Resp: 5336
 Ion Ratio Lower Upper
 228 100
 229 21.9 16.5 24.7
 226 32.9 22.8 34.2





#19

Chrysene

Concen: 31.069 ng/ul

RT: 21.29 min Scan# 4713

Delta R.T. -0.01 min

Lab File: BN006550.D

Acq: 25 Jun 2019 02:15

Instrument :

BNA_N

ClientSampleId :

A41X8

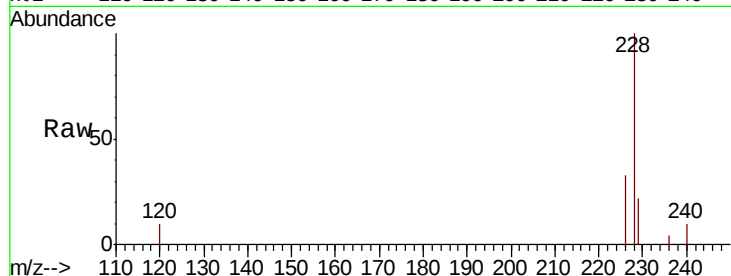
Tgt Ion:228 Resp: 5031

Ion Ratio Lower Upper

228 100

226 32.9 25.0 37.6

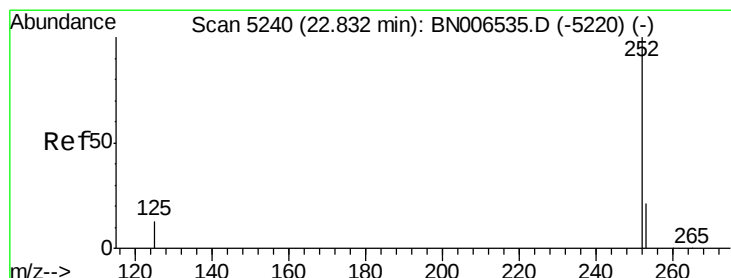
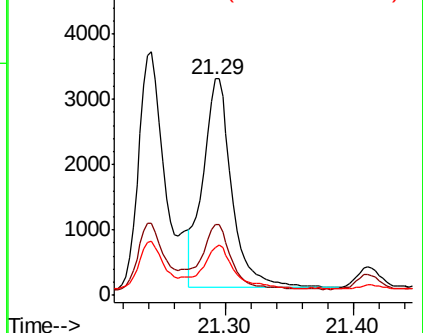
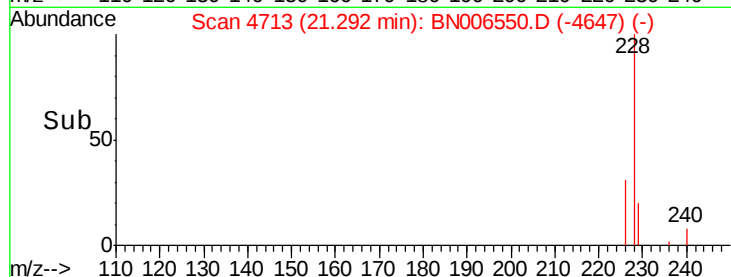
229 21.9 16.3 24.5



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: 0.160 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.01 min

Lab File: BN006550.D

Acq: 25 Jun 2019 02:15

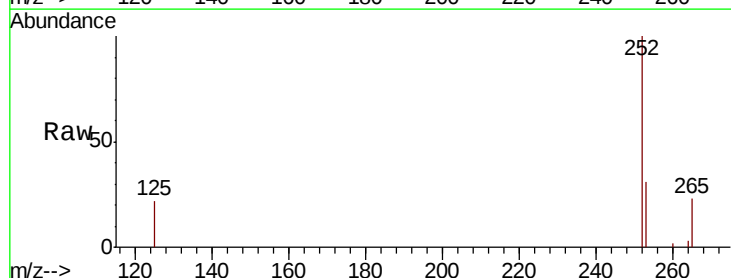
Tgt Ion:252 Resp: 9234

Ion Ratio Lower Upper

252 100

253 30.6 0.0 51.4

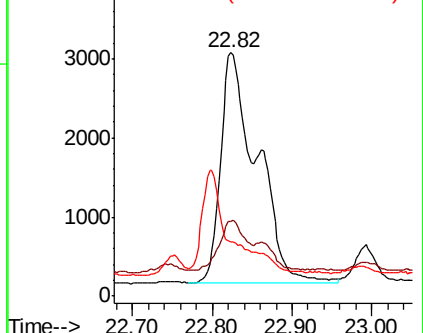
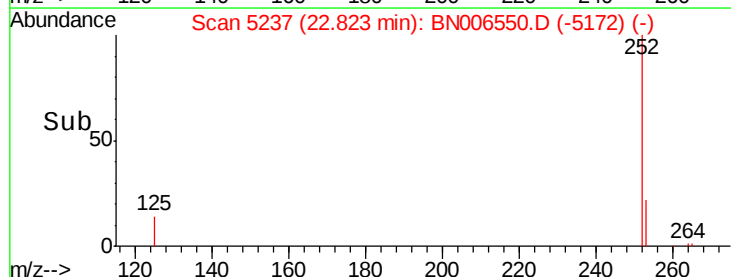
125 22.2 0.0 41.0

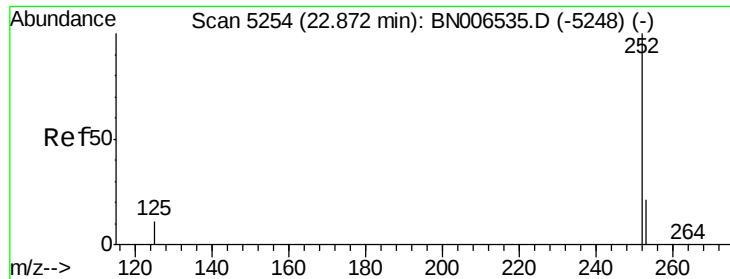


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.164 ng/u1

RT: 22.82 min Scan# 5237

Delta R.T. -0.05 min

Lab File: BN006550.D

Acq: 25 Jun 2019 02:15

Instrument :

BNA_N

ClientSampleId :

A41X8

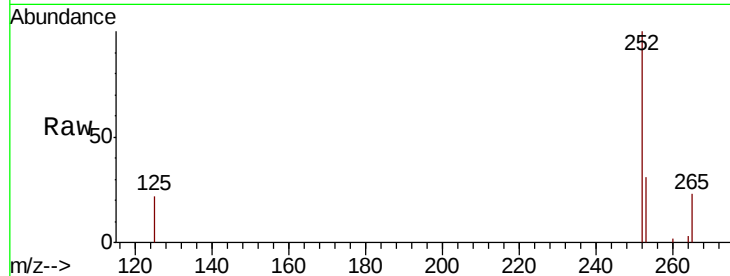
Tgt Ion:252 Resp: 9234

Ion Ratio Lower Upper

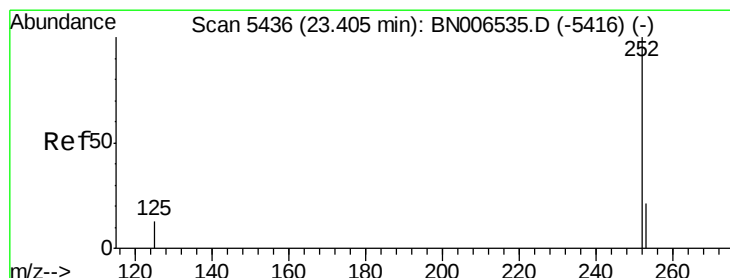
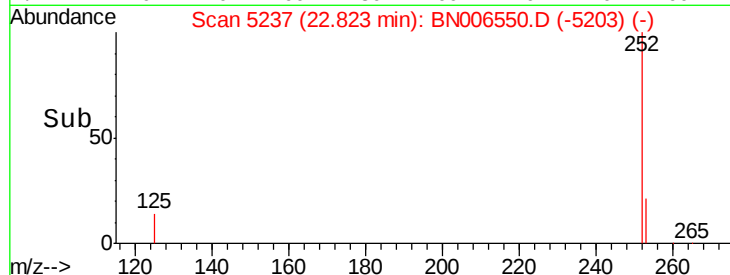
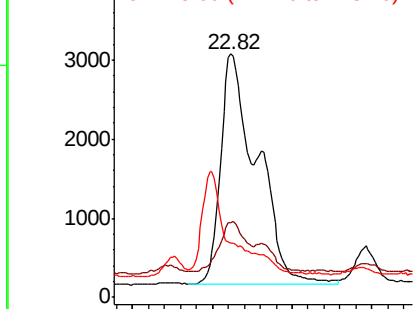
252 100

253 30.6 20.3 30.5#

125 22.2 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: 0.082 ng/u1

RT: 23.39 min Scan# 5430

Delta R.T. -0.02 min

Lab File: BN006550.D

Acq: 25 Jun 2019 02:15

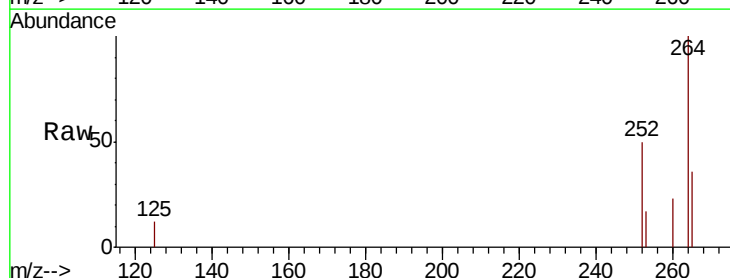
Tgt Ion:252 Resp: 4385

Ion Ratio Lower Upper

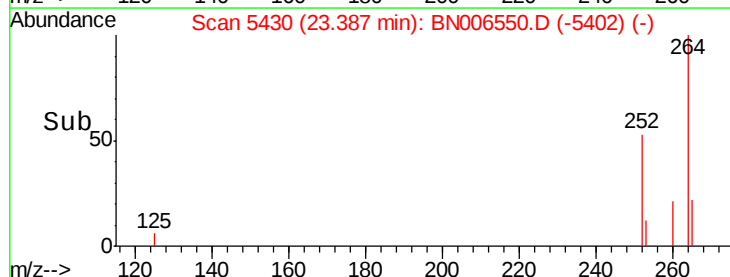
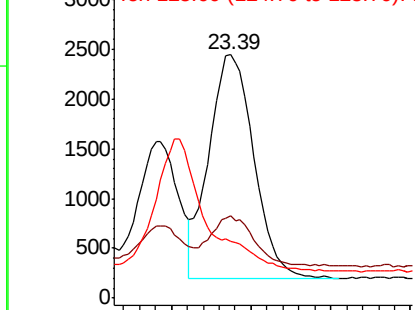
252 100

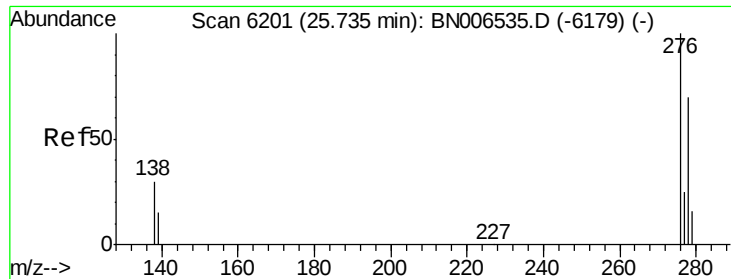
253 33.7 21.1 31.7#

125 23.4 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



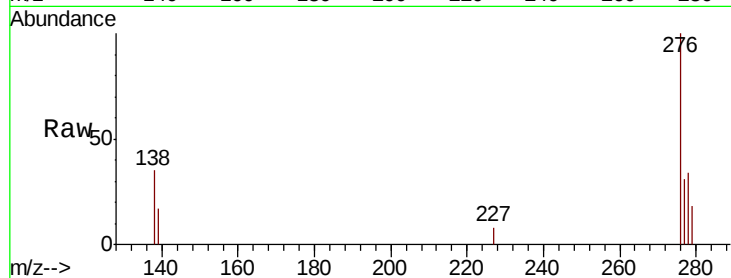


#24

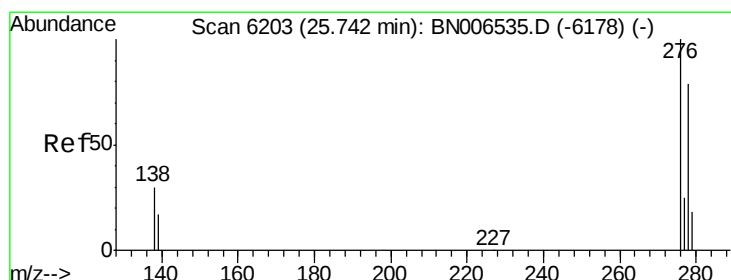
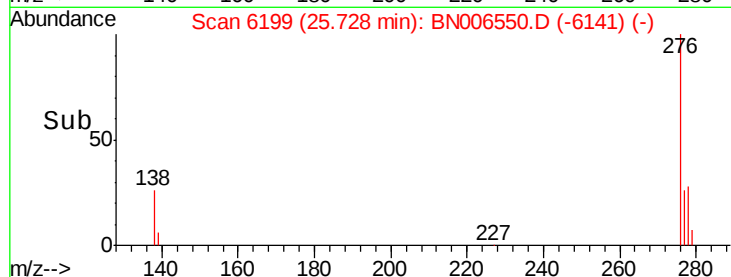
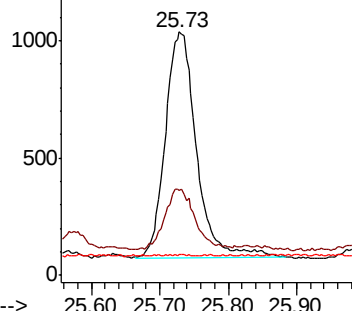
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/u1
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006550.D
Acq: 25 Jun 2019 02:15

Instrument :
BNA_N
ClientSampled :
A41X8

Tgt Ion:276 Resp: 3041
Ion Ratio Lower Upper
276 100
138 26.3 25.6 38.4
227 0.2 0.3 0.5#



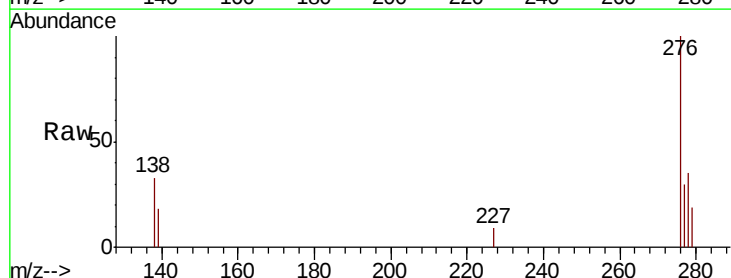
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



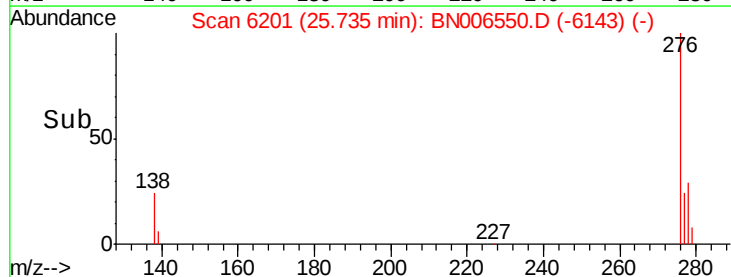
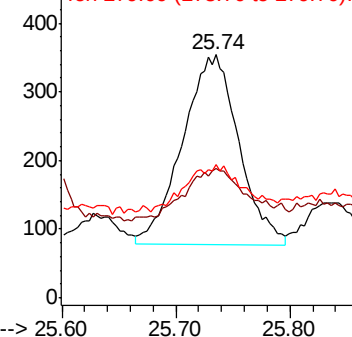
#25

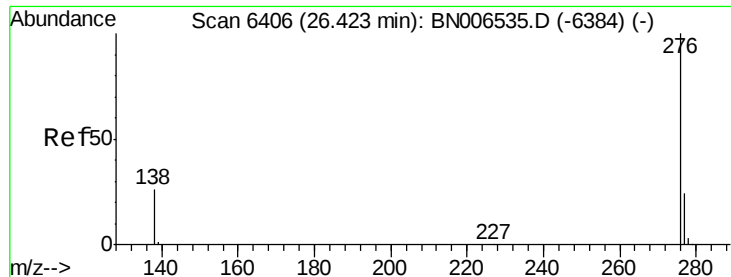
Dibenzo(a,h)anthracene
Concen: 0.020 ng/u1
RT: 25.74 min Scan# 6201
Delta R.T. -0.01 min
Lab File: BN006550.D
Acq: 25 Jun 2019 02:15

Tgt Ion:278 Resp: 940
Ion Ratio Lower Upper
278 100
139 53.1 21.2 31.8#
279 55.1 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: 0.049 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. -0.01 min

Lab File: BN006550.D

Acq: 25 Jun 2019 02:15

Instrument :

BNA_N

ClientSampleId :

A41X8

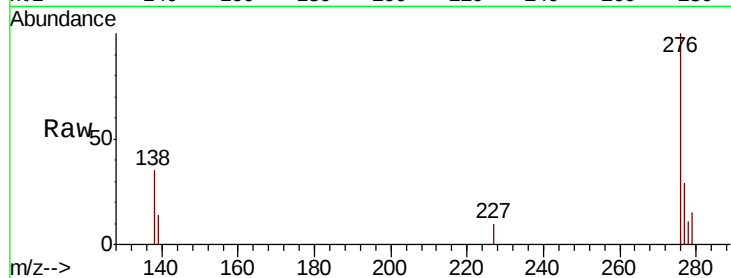
Tgt Ion: 276 Resp: 2379

Ion Ratio Lower Upper

276 100

138 35.1 24.2 36.4

277 29.5 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

