

Data File : BN003411.D
Acq On : 02 Nov 2018 19:51
Operator : MJ/SJ
Sample : J5704-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40G5

Quant Time: Nov 02 23:52:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

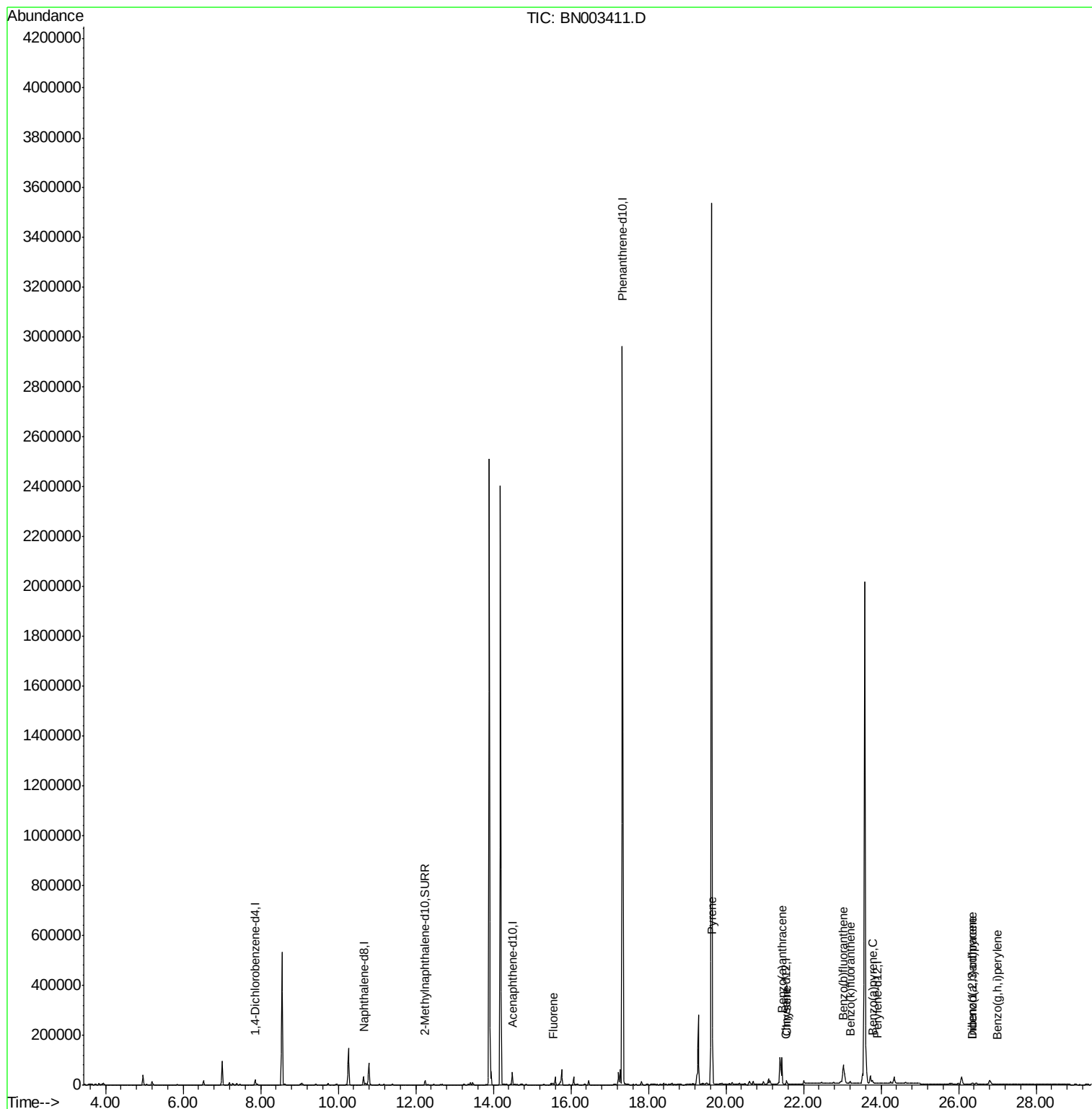
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10443	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	44030	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26730	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	3481380	0.40	ng/ul	0.10
16) Chrysene-d12	21.54	240	138	0.40	ng/ul	0.13
20) Perylene-d12	23.91	264	196	0.40	ng/ul	0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	24474	0.35	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
9) Fluorene	15.54	166	3077	0.025	ng/ul#	85
17) Pyrene	19.65	202	185510	369.559	ng/ul	99
18) Benzo(a)anthracene	21.45	228	102358	236.577	ng/ul	94
19) Chrysene	21.57	228	10889	22.144	ng/ul#	58
21) Benzo(b)fluoranthene	23.02	252	157923	186.989	ng/ul	90
22) Benzo(k)fluoranthene	23.20	252	12578	15.377	ng/ul#	57
23) Benzo(a)pyrene	23.77	252	16790	23.807	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	26.36	276	1945	2.576	ng/ul#	68
25) Dibenzo(a,h)anthracene	26.36	278	7340	11.928	ng/ul#	70
26) Benzo(g,h,i)perylene	27.01	276	747	1.154	ng/ul#	1

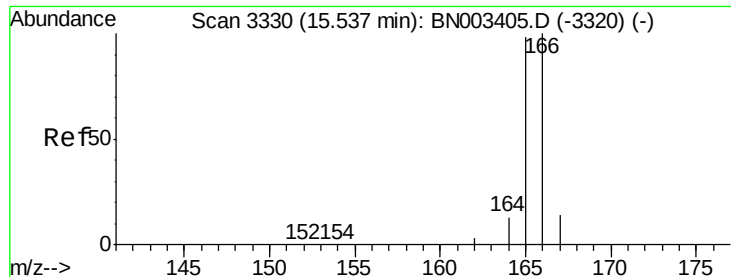
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003411.D
Acq On : 02 Nov 2018 19:51
Operator : MJ/SJ
Sample : J5704-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40G5

Quant Time: Nov 02 23:52:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration





#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

Instrument :

BNA_N

ClientSampleId :

A40G5

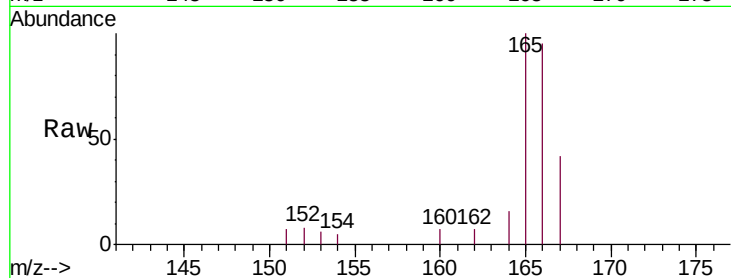
Tgt Ion:166 Resp: 3077

Ion Ratio Lower Upper

166 100

165 104.7 78.3 117.5

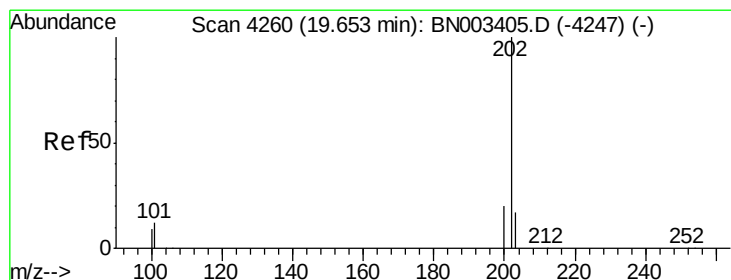
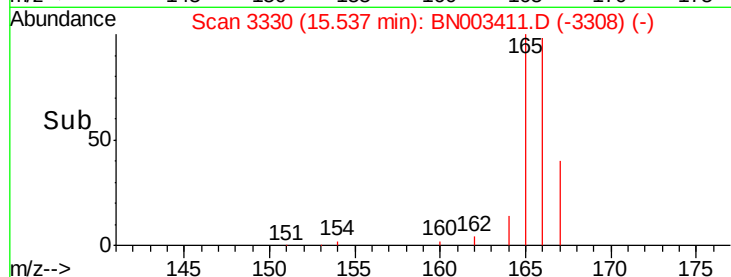
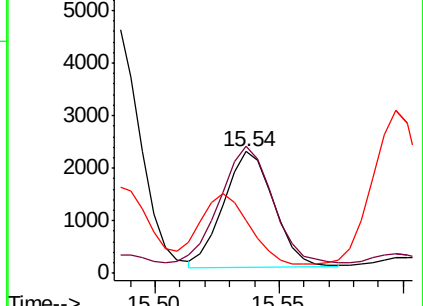
167 43.5 10.8 16.2#



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: 369.559 ng/ul

RT: 19.65 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

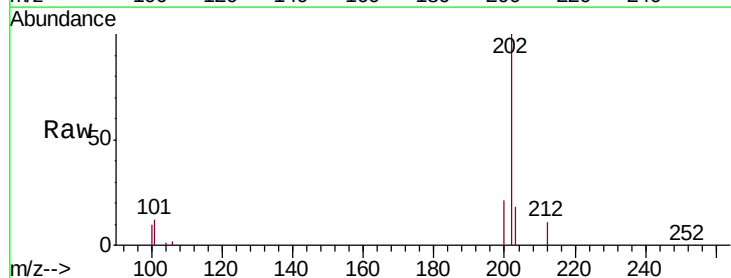
Tgt Ion:202 Resp: 185510

Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

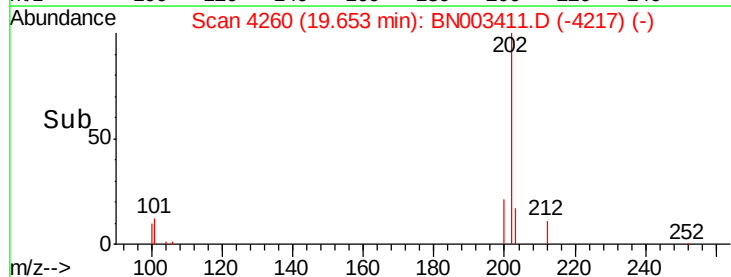
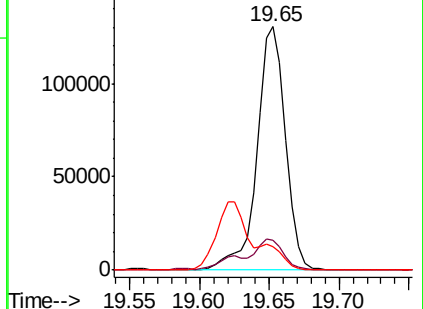
100 9.9 7.5 11.3

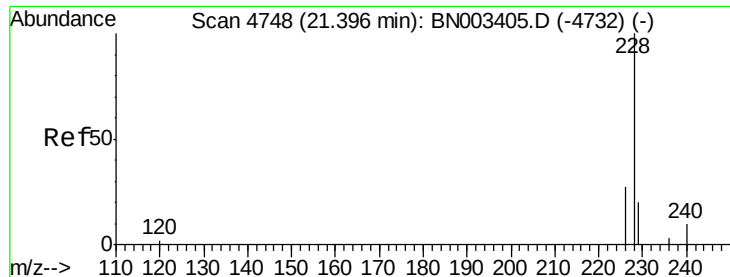


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 236.577 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. 0.05 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

Instrument :

BNA_N

ClientSampleId :

A40G5

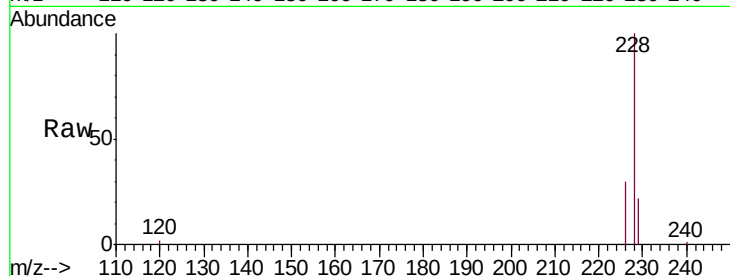
Tgt Ion:228 Resp: 102358

Ion Ratio Lower Upper

228 100

229 21.6 15.5 23.3

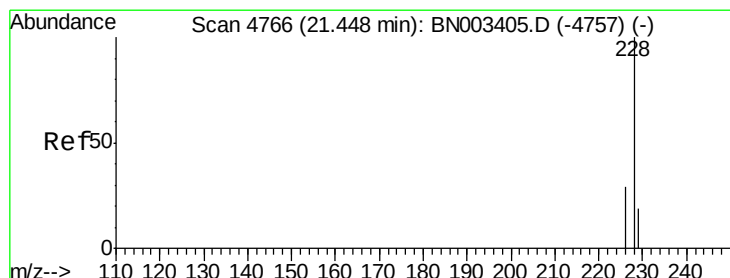
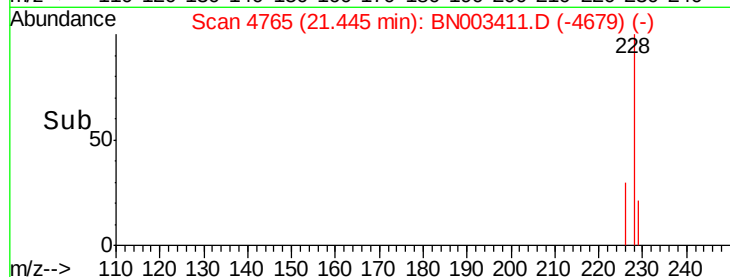
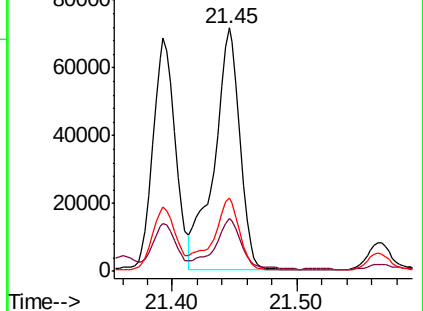
226 30.2 21.5 32.3



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: 22.144 ng/ul

RT: 21.57 min Scan# 4806

Delta R.T. 0.12 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

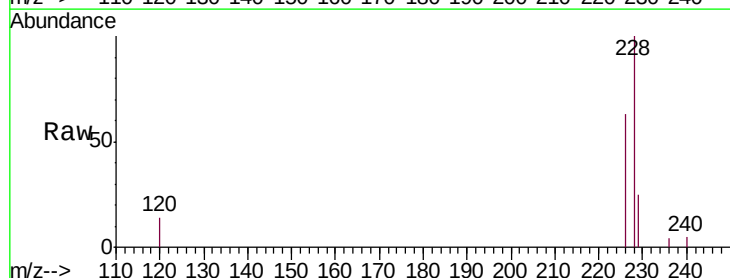
Tgt Ion:228 Resp: 10889

Ion Ratio Lower Upper

228 100

226 63.4 23.8 35.6#

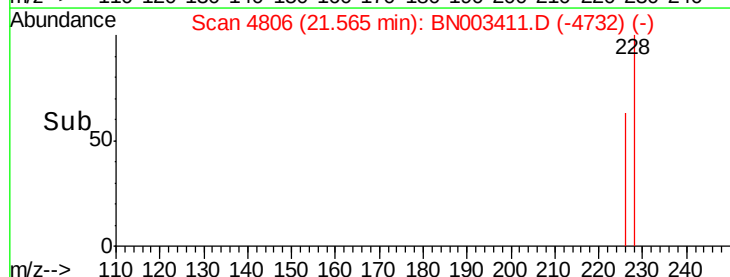
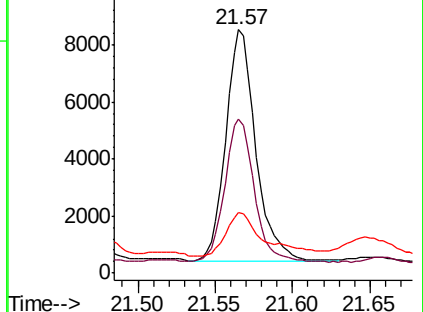
229 24.8 15.5 23.3#

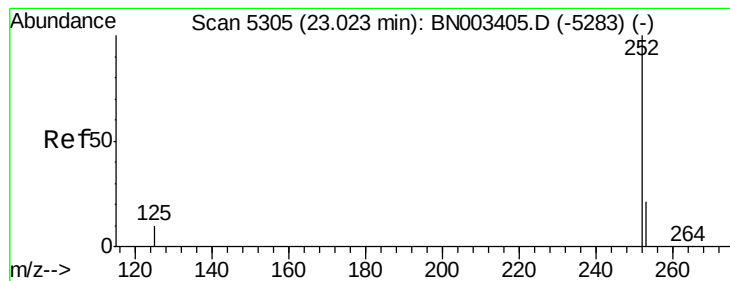


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 186.989 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. 0.00 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

Instrument :

BNA_N

ClientSampleId :

A40G5

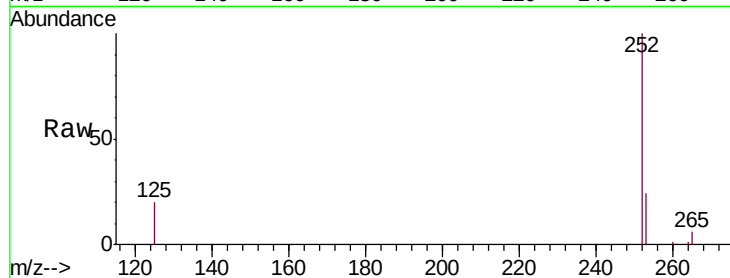
Tgt Ion:252 Resp: 157923

Ion Ratio Lower Upper

252 100

253 24.2 0.0 45.6

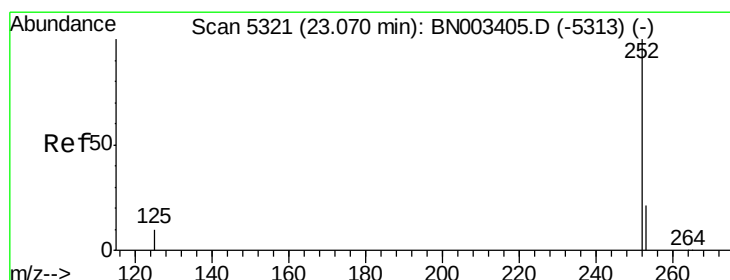
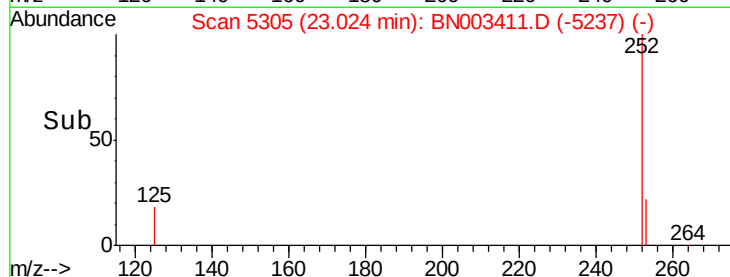
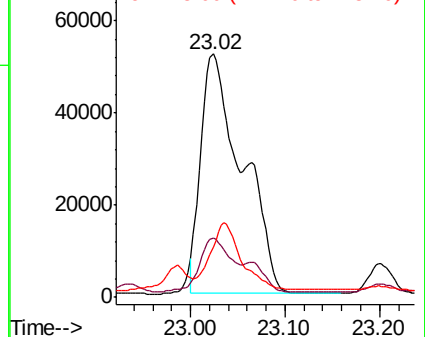
125 20.5 0.0 21.8



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: 15.377 ng/ul

RT: 23.20 min Scan# 5366

Delta R.T. 0.13 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

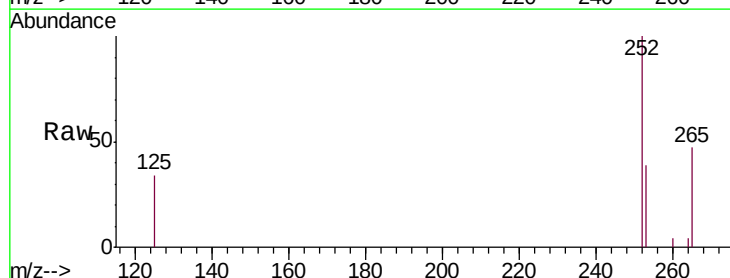
Tgt Ion:252 Resp: 12578

Ion Ratio Lower Upper

252 100

253 39.4 18.2 27.4#

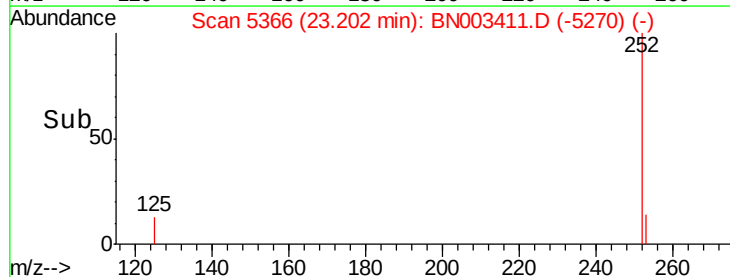
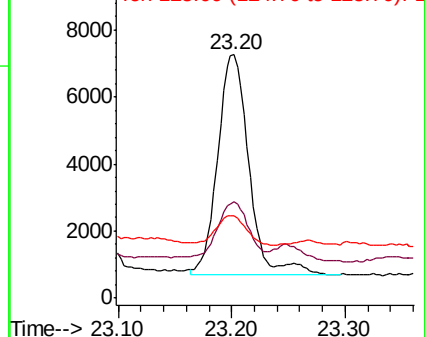
125 33.7 8.6 13.0#

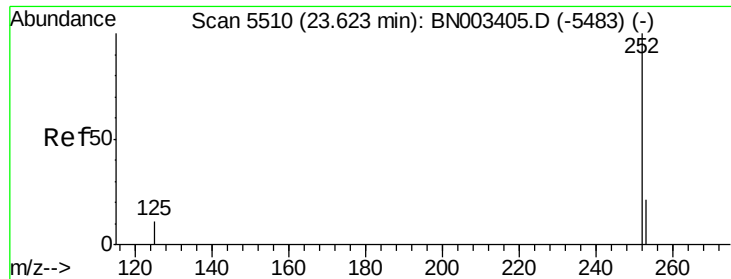


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 23.807 ng/ul

RT: 23.77 min Scan# 5562

Delta R.T. 0.15 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

Instrument :

BNA_N

ClientSampleId :

A40G5

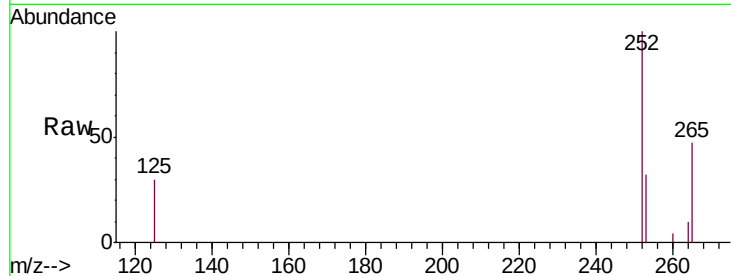
Tgt Ion: 252 Resp: 16790

Ion Ratio Lower Upper

252 100

253 31.8 18.5 27.7#

125 30.2 9.9 14.9#

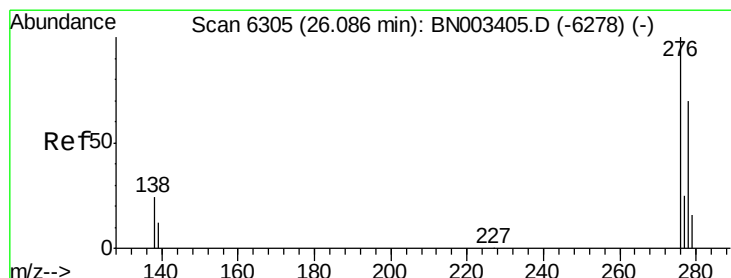
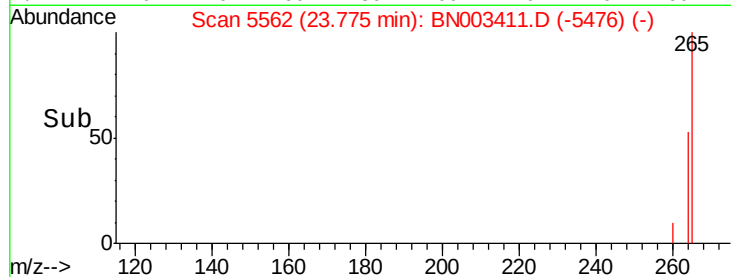
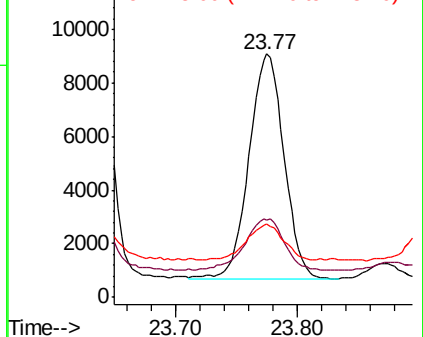


Abundance

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: 2.576 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. 0.27 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

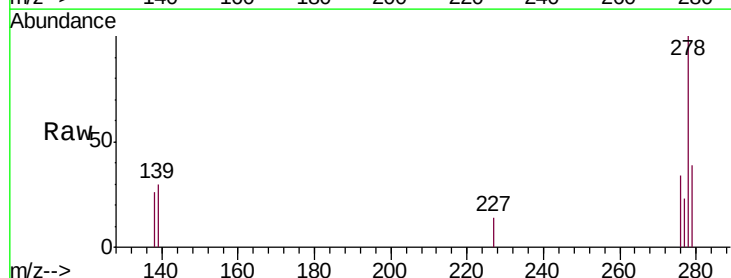
Tgt Ion: 276 Resp: 1945

Ion Ratio Lower Upper

276 100

138 40.7 19.8 29.8#

227 0.0 0.2 0.2#

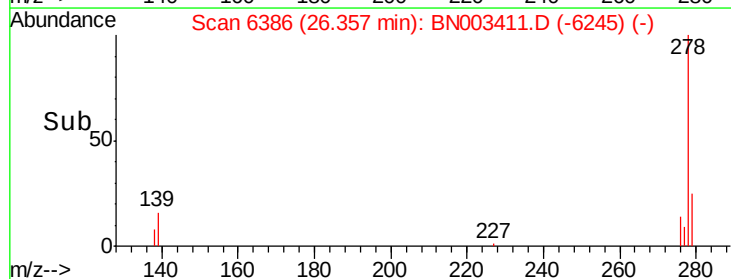
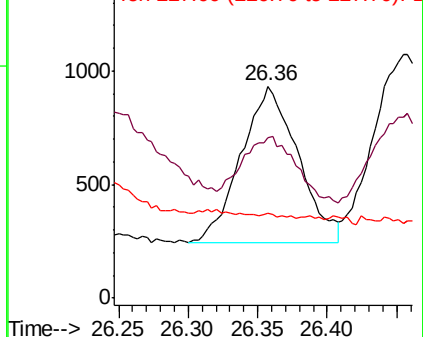


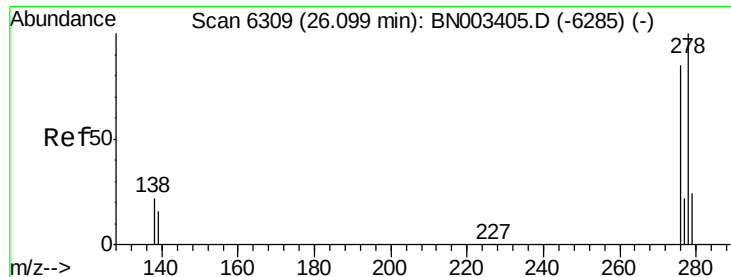
Abundance

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: 11.928 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. 0.26 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

Instrument :

BNA_N

ClientSampleId :

A40G5

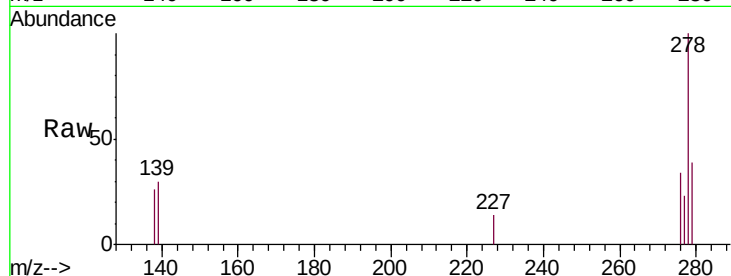
Tgt Ion: 278 Resp: 7340

Ion Ratio Lower Upper

278 100

139 30.4 13.1 19.7#

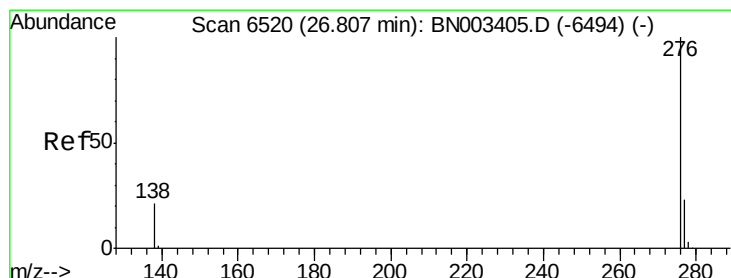
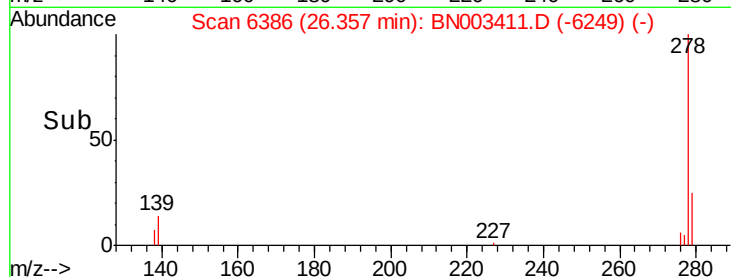
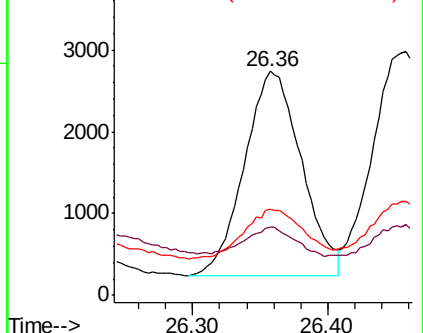
279 38.6 19.5 29.3#



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: 1.154 ng/ul

RT: 27.01 min Scan# 6581

Delta R.T. 0.20 min

Lab File: BN003411.D

Acq: 02 Nov 2018 19:51

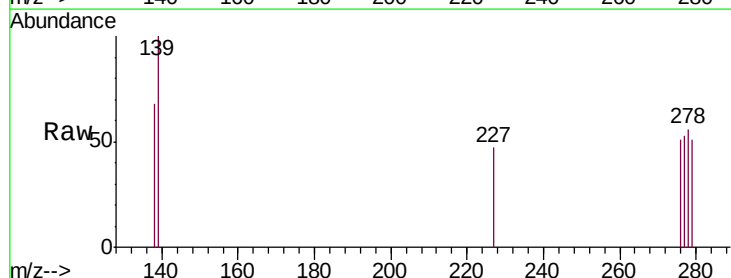
Tgt Ion: 276 Resp: 747

Ion Ratio Lower Upper

276 100

138 134.7 17.0 25.6#

277 105.0 19.2 28.8#



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

