

Data File : BN003801.D
Acq On : 11 Dec 2018 04:49
Operator : JU/SJ
Sample : J6077-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y02

Quant Time: Dec 11 08:14:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

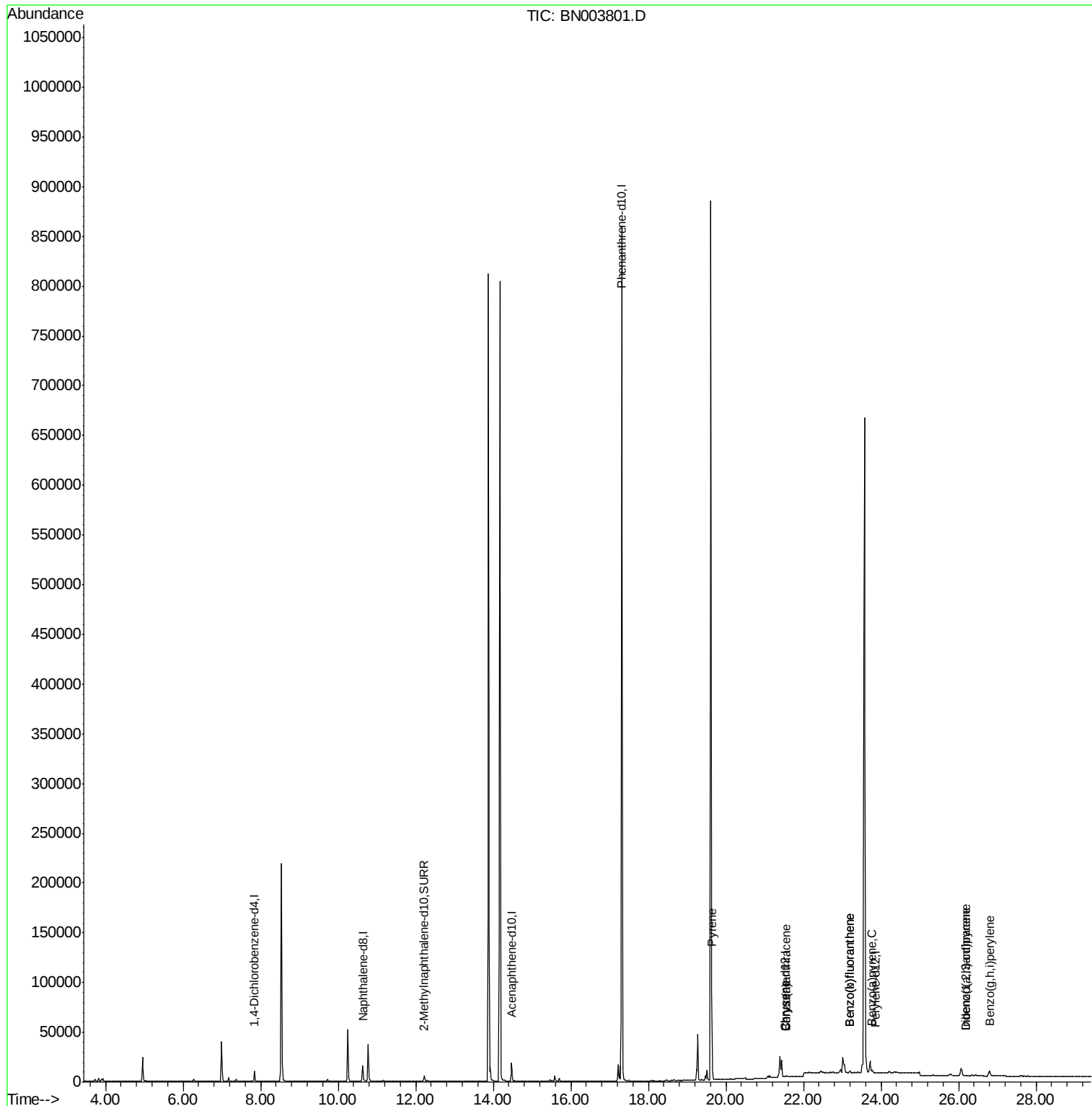
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5346	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20841	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10032	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	946677	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	161	0.40	ng/ul	0.13
20) Perylene-d12	23.85	264	57	0.40	ng/ul	0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	7342	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
17) Pyrene	19.64	202	32408	56.123	ng/ul	99
18) Benzo(a)anthracene	21.56	228	1028	2.022	ng/ul#	1
19) Chrysene	21.56	228	1028	1.767	ng/ul#	1
21) Benzo(b)fluoranthene	23.19	252	2063	8.749	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	2063	8.981	ng/ul#	1
23) Benzo(a)pyrene	23.76	252	3633	17.793	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.17	276	413	1.764	ng/ul#	50
25) Dibenzo(a,h)anthracene	26.18	278	995	5.280	ng/ul#	1
26) Benzo(g,h,i)perylene	26.79	276	11004	54.073	ng/ul#	68

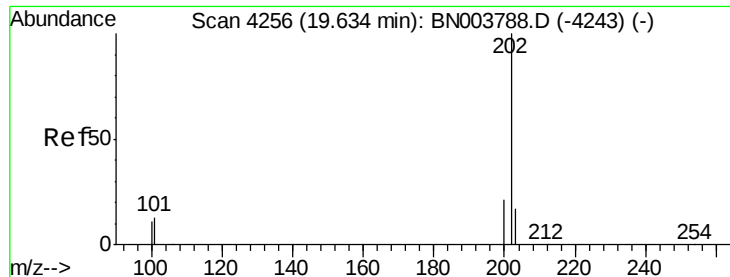
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 56.123 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

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BNA_N

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F9Y02

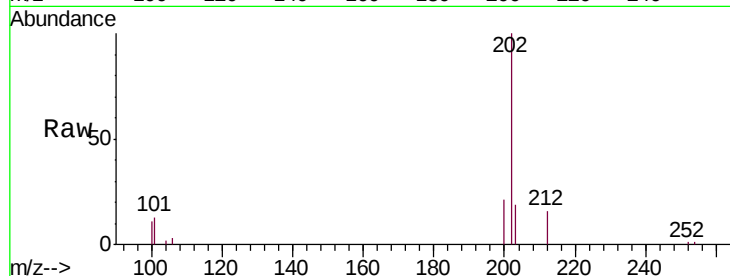
Tgt Ion:202 Resp: 32408

Ion Ratio Lower Upper

202 100

101 13.3 10.3 15.5

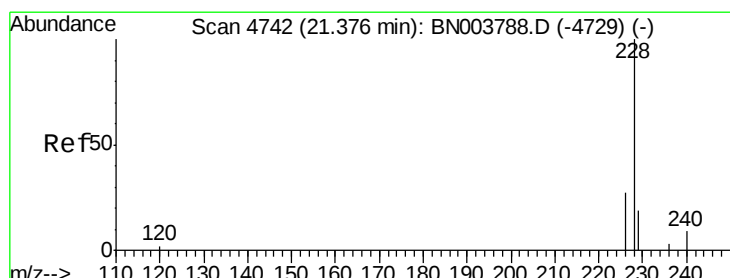
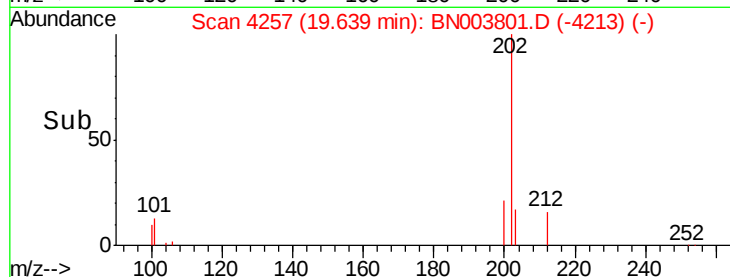
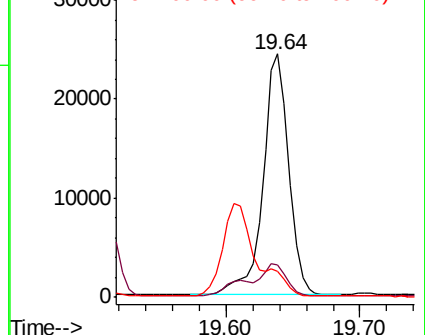
100 10.7 8.5 12.7



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: 2.022 ng/ul

RT: 21.56 min Scan# 4804

Delta R.T. 0.18 min

Lab File: BN003801.D

Acq: 11 Dec 2018 04:49

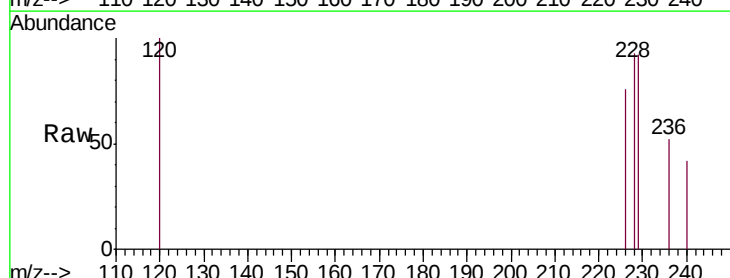
Tgt Ion:228 Resp: 1028

Ion Ratio Lower Upper

228 100

229 99.3 15.6 23.4#

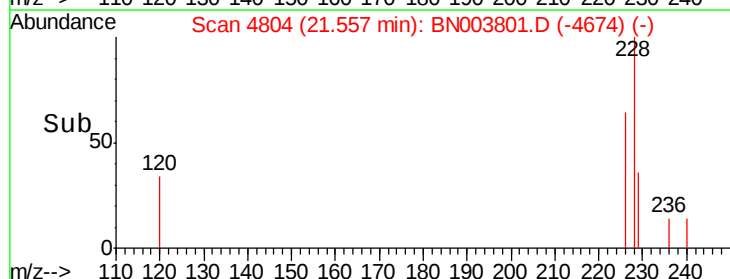
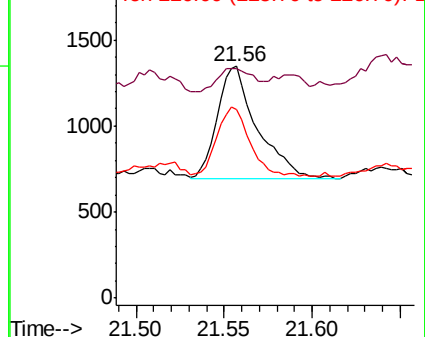
226 81.6 21.1 31.7#

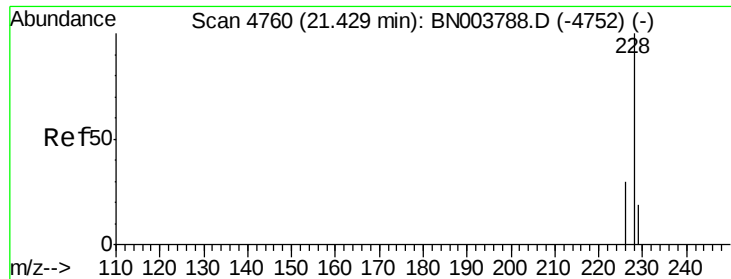


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.767 ng/ul

RT: 21.56 min Scan# 4804

Delta R.T. 0.13 min

Lab File: BN003801.D

Acq: 11 Dec 2018 04:49

Instrument :

BNA_N

ClientSampleId :

F9Y02

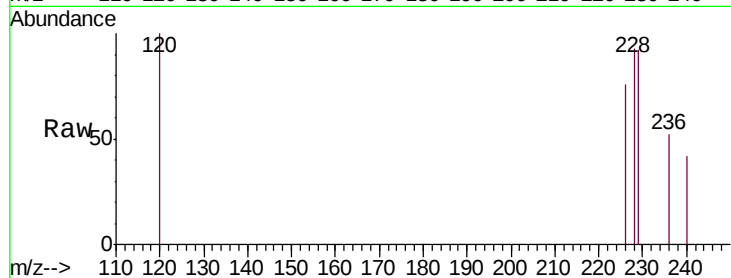
Tgt Ion:228 Resp: 1028

Ion Ratio Lower Upper

228 100

226 81.6 24.0 36.0#

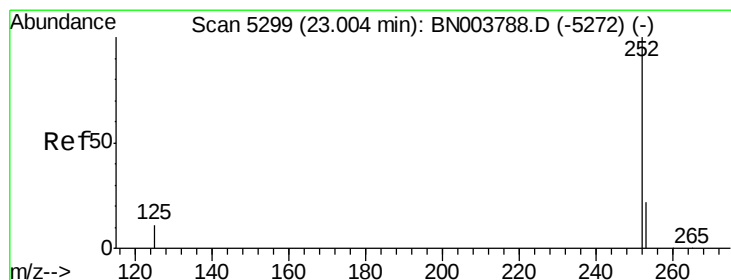
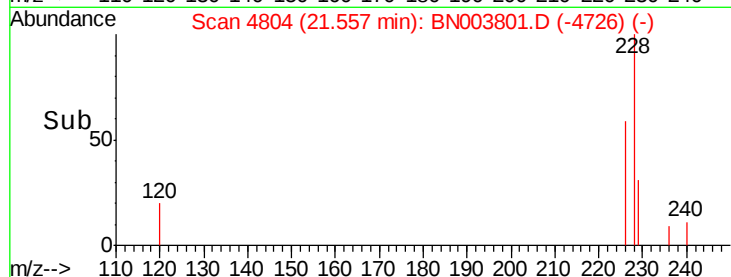
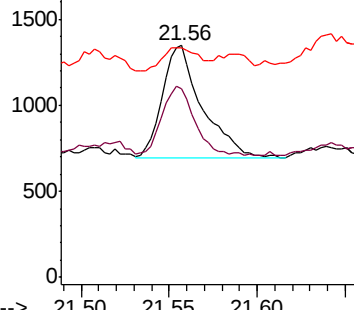
229 99.3 15.7 23.5#



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: 8.749 ng/ul

RT: 23.19 min Scan# 5364

Delta R.T. 0.19 min

Lab File: BN003801.D

Acq: 11 Dec 2018 04:49

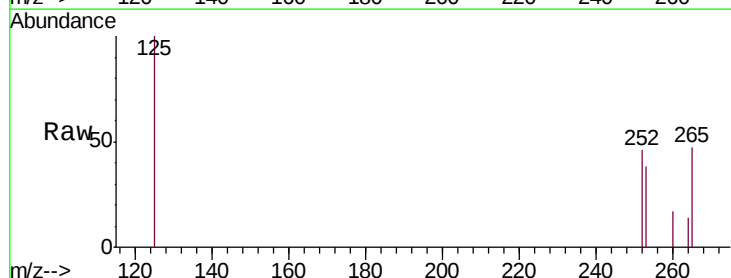
Tgt Ion:252 Resp: 2063

Ion Ratio Lower Upper

252 100

253 83.1 0.0 46.0#

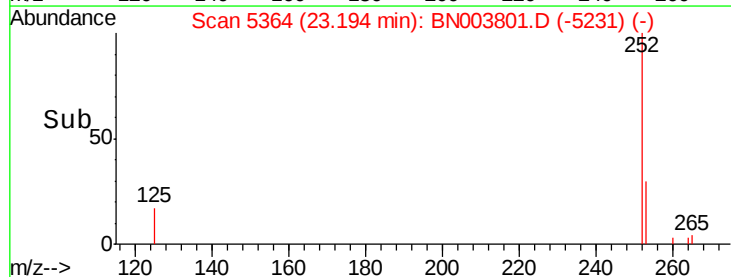
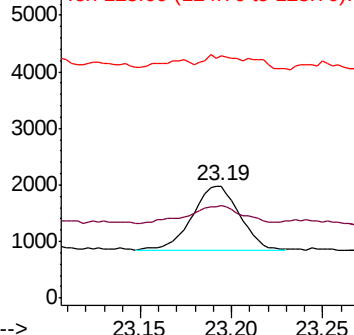
125 216.4 0.0 22.4#

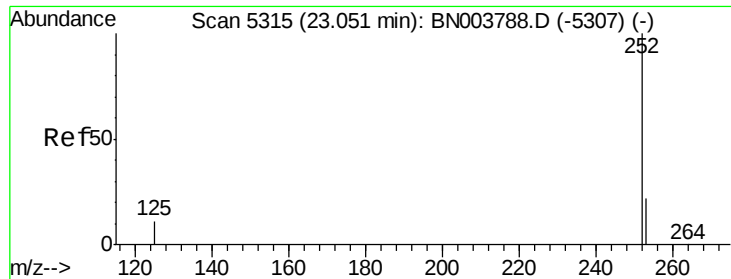


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 8.981 ng/ul

RT: 23.19 min Scan# 5364

Delta R.T. 0.14 min

Lab File: BN003801.D

Acq: 11 Dec 2018 04:49

Instrument :

BNA_N

ClientSampleId :

F9Y02

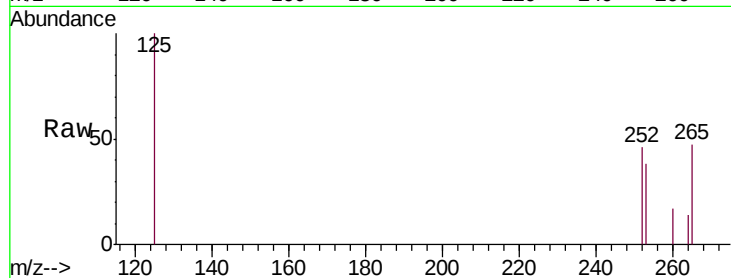
Tgt Ion:252 Resp: 2063

Ion Ratio Lower Upper

252 100

253 83.1 18.5 27.7#

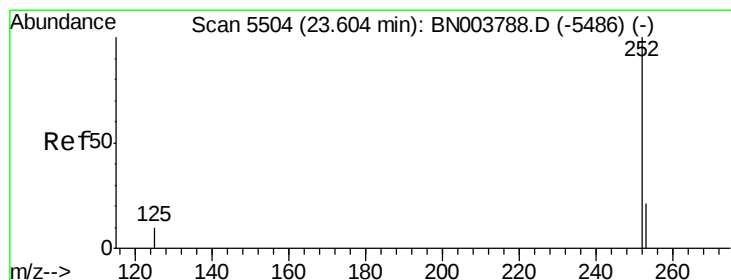
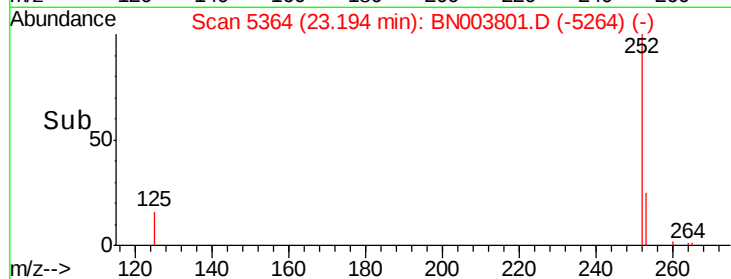
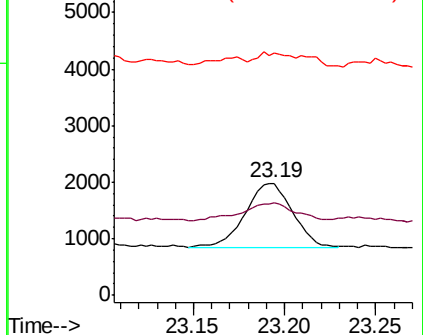
125 216.4 9.0 13.6#



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: 17.793 ng/ul

RT: 23.76 min Scan# 5559

Delta R.T. 0.16 min

Lab File: BN003801.D

Acq: 11 Dec 2018 04:49

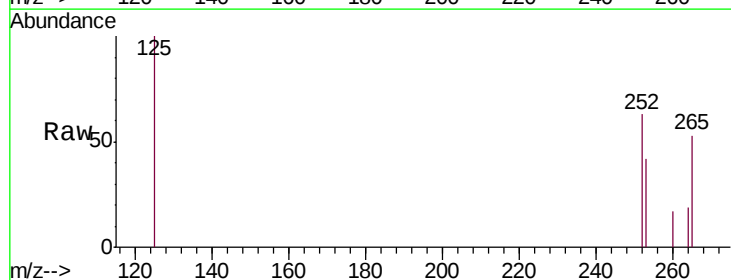
Tgt Ion:252 Resp: 3633

Ion Ratio Lower Upper

252 100

253 66.3 19.0 28.4#

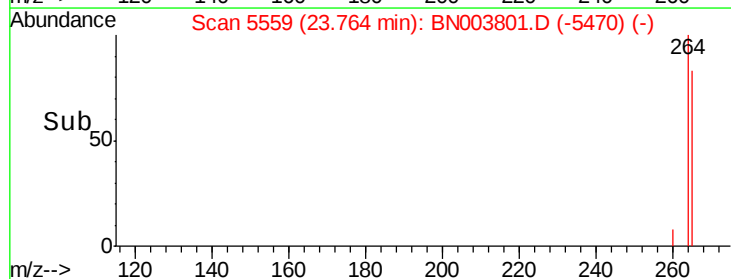
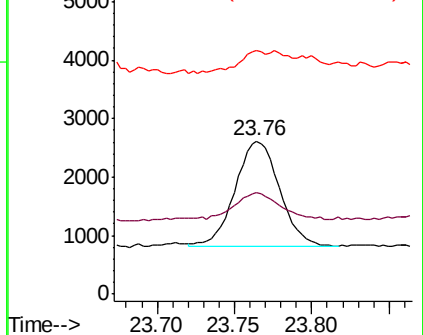
125 159.2 10.2 15.4#

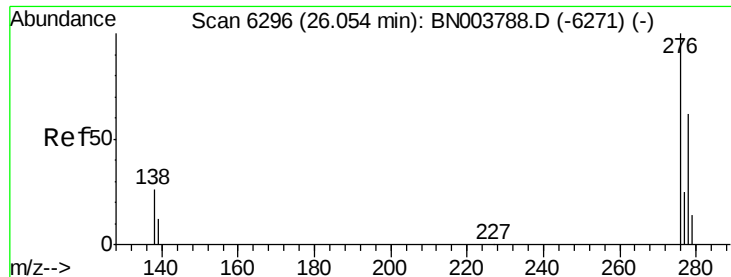


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.764 ng/u1

RT: 26.17 min Scan# 6332

Delta R.T. 0.12 min

Lab File: BN003801.D

Acq: 11 Dec 2018 04:49

Instrument :

BNA_N

ClientSampleId :

F9Y02

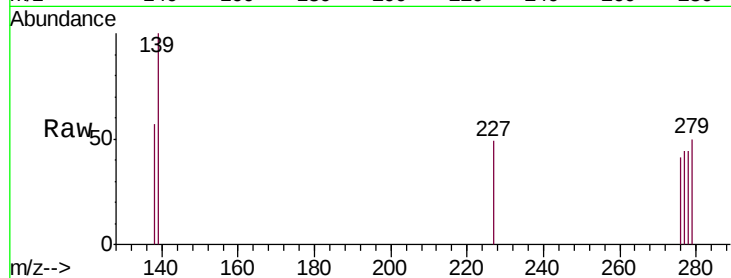
Tgt Ion:276 Resp: 413

Ion Ratio Lower Upper

276 100

138 0.0 20.3 30.5#

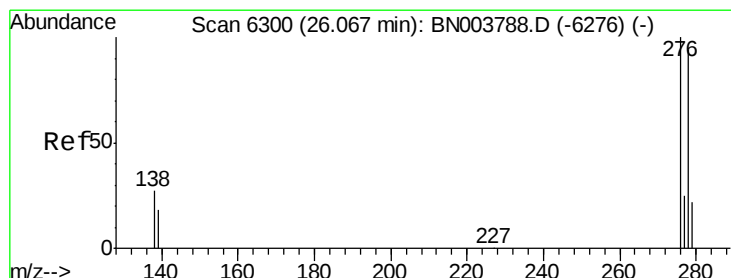
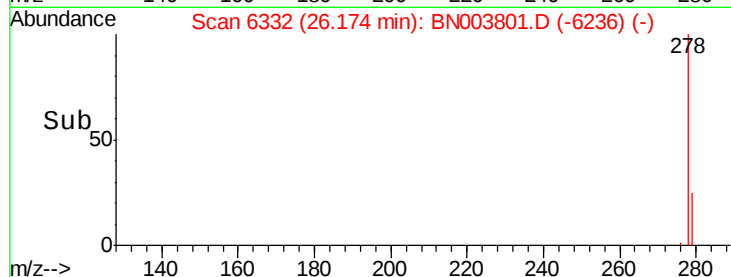
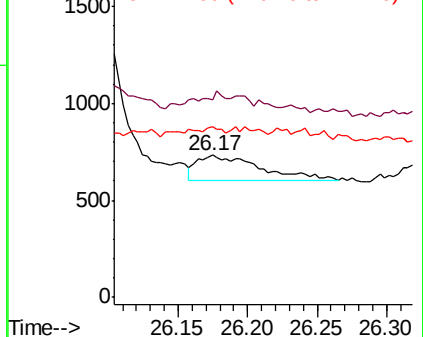
227 6.3 0.2 0.2#



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: 5.280 ng/u1

RT: 26.18 min Scan# 6335

Delta R.T. 0.12 min

Lab File: BN003801.D

Acq: 11 Dec 2018 04:49

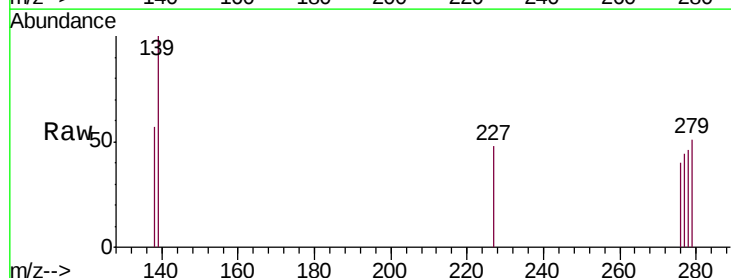
Tgt Ion:278 Resp: 995

Ion Ratio Lower Upper

278 100

139 215.4 14.2 21.4#

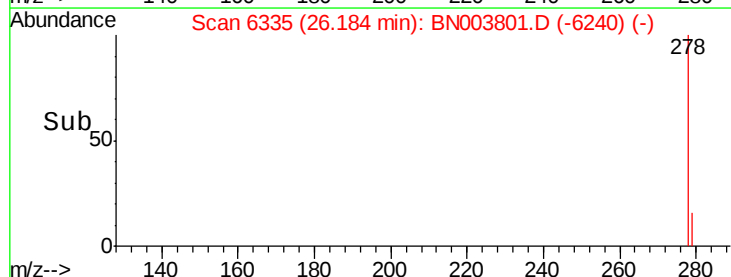
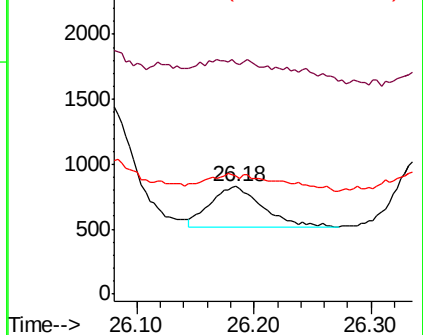
279 109.6 19.8 29.6#

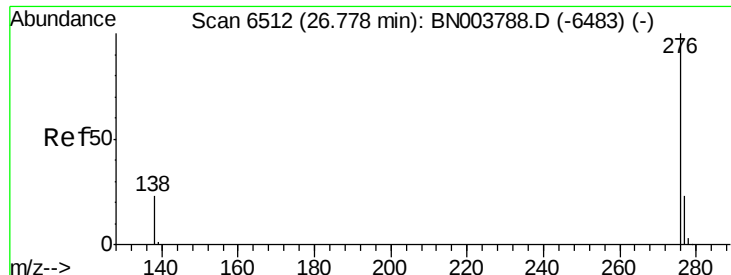


Abundance Ion 278.00 (277.70 to 278.70): E

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: 54.073 ng/ul

RT: 26.79 min Scan# 6516

Delta R.T. 0.01 min

Lab File: BN003801.D

Acq: 11 Dec 2018 04:49

Instrument :

BNA_N

ClientSampleId :

F9Y02

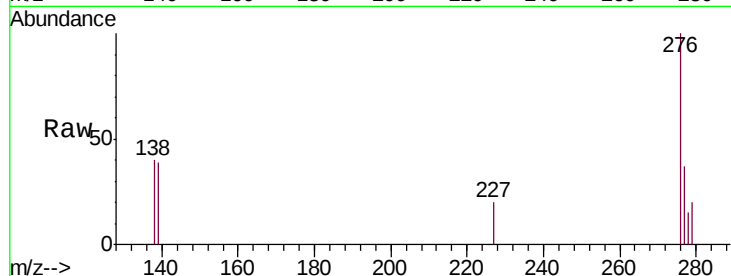
Tgt Ion:276 Resp: 11004

Ion Ratio Lower Upper

276 100

138 40.4 17.7 26.5#

277 37.4 19.3 28.9#



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

