

Data File : BN004009.D
Acq On : 16 Dec 2018 23:29
Operator : JU/SJ
Sample : J6228-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E87

Quant Time: Dec 17 06:25:18 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1888	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9585	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5950	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	779757	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	12	0.40	ng/ul	0.12
20) Perylene-d12	23.90	264	29	0.40	ng/ul	0.18

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3484	0.24	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

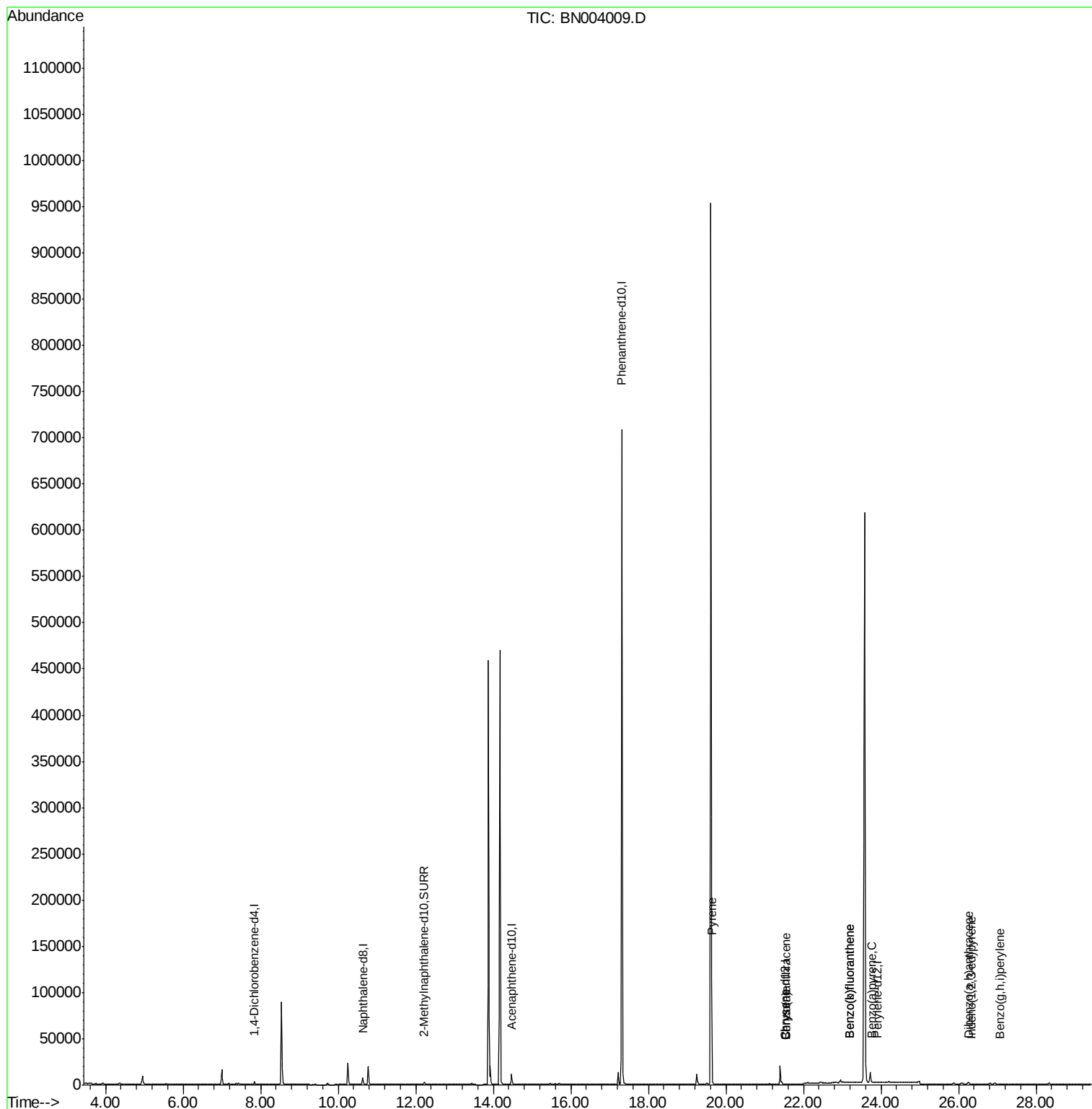
Target Compounds				Qvalue		
17) Pyrene	19.64	202	3331	77.395	ng/ul#	88
18) Benzo(a)anthracene	21.55	228	112	2.955	ng/ul#	1
19) Chrysene	21.55	228	112	2.582	ng/ul#	1
21) Benzo(b)fluoranthene	23.20	252	290	2.417	ng/ul#	1
22) Benzo(k)fluoranthene	23.20	252	290	2.481	ng/ul#	1
23) Benzo(a)pyrene	23.77	252	292	2.811	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.33	276	13	0.109	ng/ul#	50
25) Dibenzo(a,h)anthracene	26.25	278	8	0.083	ng/ul#	1
26) Benzo(g,h,i)perylene	27.07	276	18	0.174	ng/ul#	1

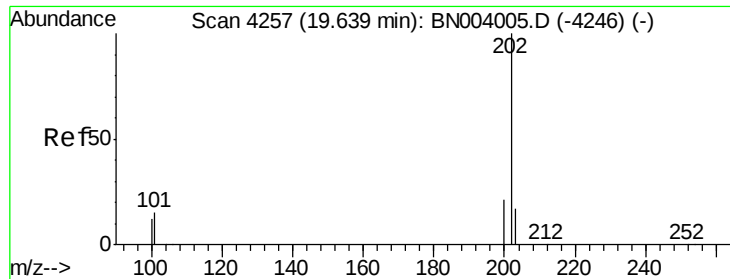
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 77.395 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

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Acq: 16 Dec 2018 23:29

Instrument :

BNA_N

ClientSampleId :

F9E87

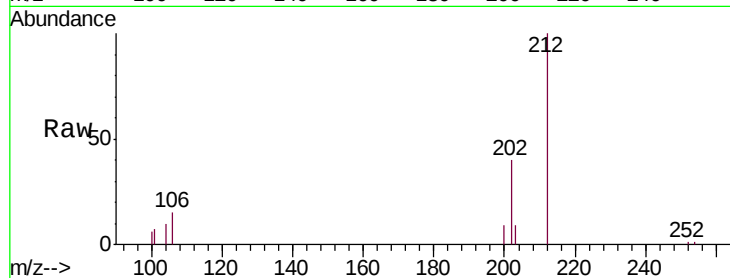
Tgt Ion:202 Resp: 3331

Ion Ratio Lower Upper

202 100

101 17.8 10.3 15.5#

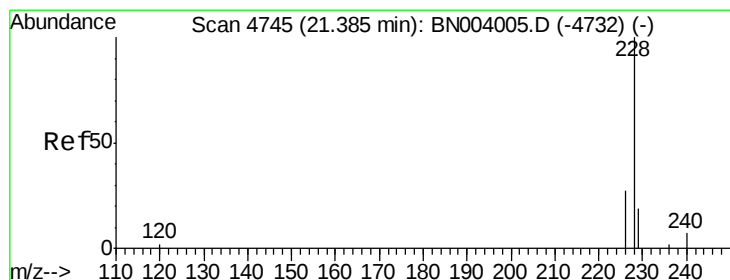
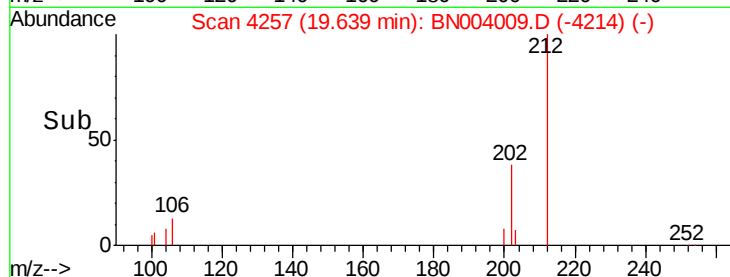
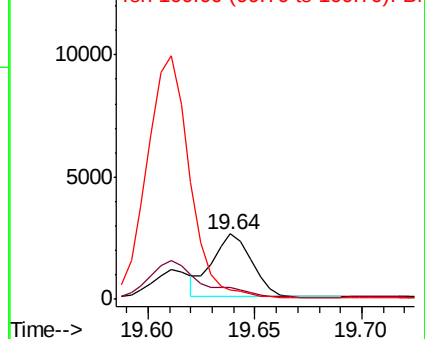
100 15.0 8.5 12.7#



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: 2.955 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.17 min

Lab File: BN004009.D

Acq: 16 Dec 2018 23:29

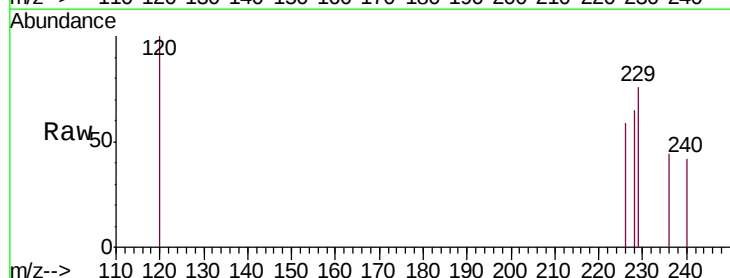
Tgt Ion:228 Resp: 112

Ion Ratio Lower Upper

228 100

229 116.6 15.6 23.4#

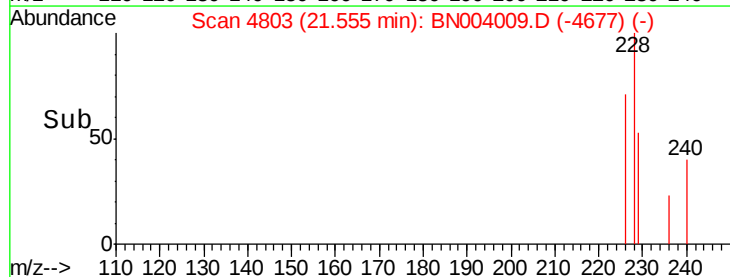
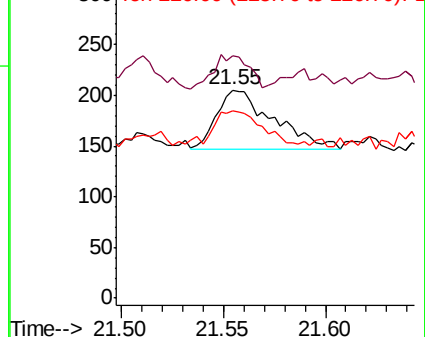
226 90.2 21.1 31.7#

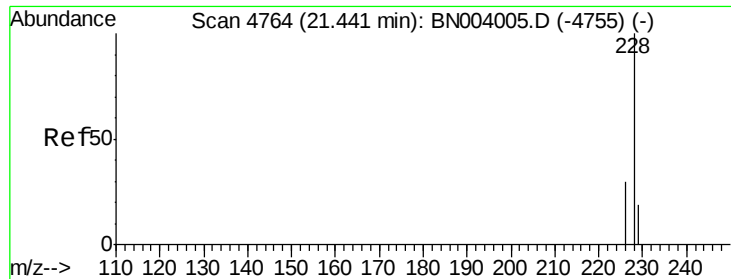


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.582 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.11 min

Lab File: BN004009.D

Acq: 16 Dec 2018 23:29

Instrument :

BNA_N

ClientSampleId :

F9E87

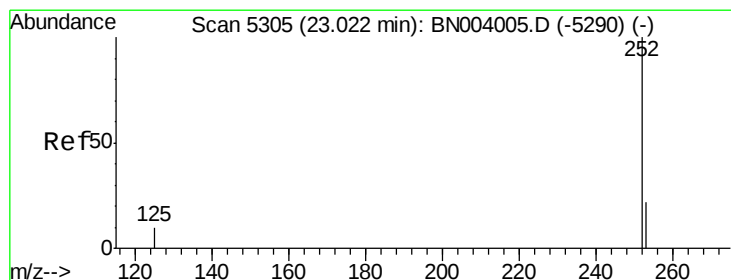
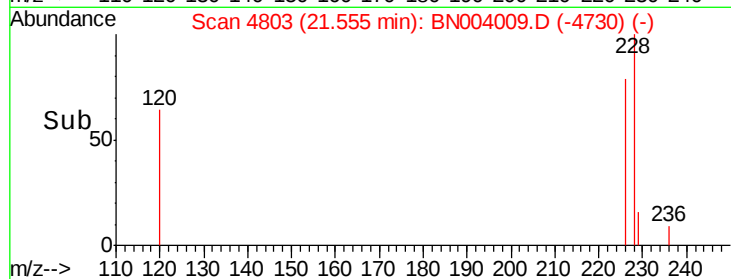
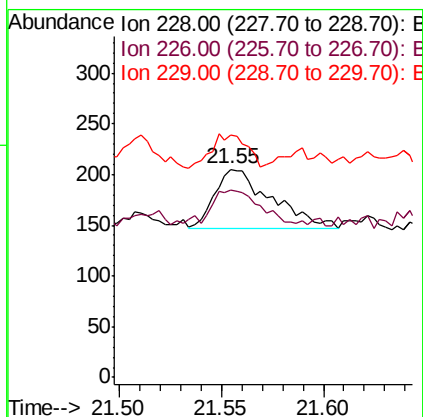
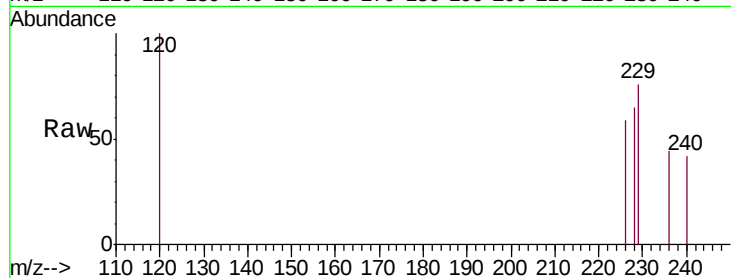
Tgt Ion:228 Resp: 112

Ion Ratio Lower Upper

228 100

226 90.2 24.0 36.0#

229 116.6 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 2.417 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.18 min

Lab File: BN004009.D

Acq: 16 Dec 2018 23:29

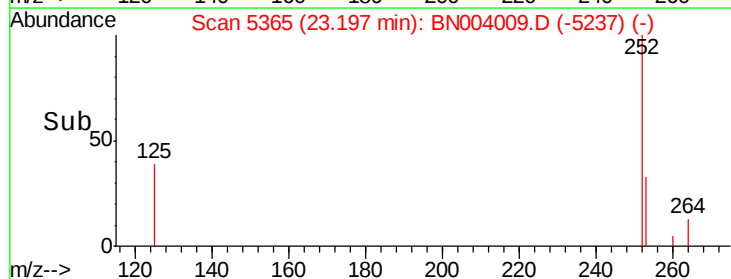
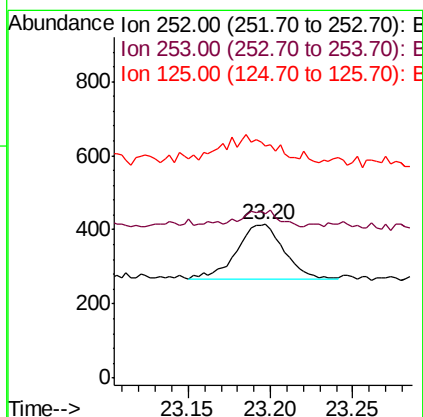
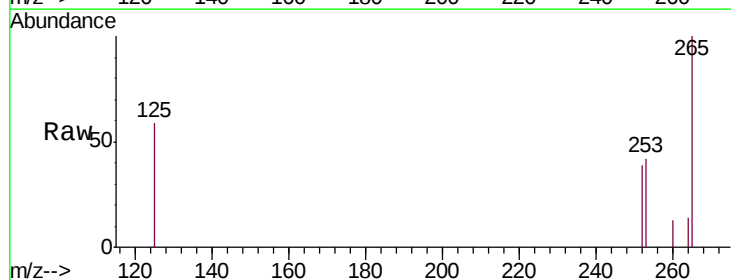
Tgt Ion:252 Resp: 290

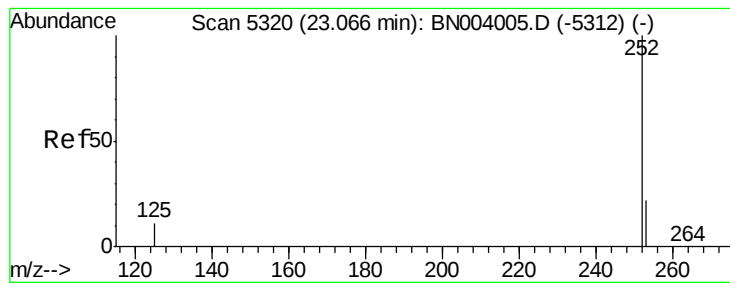
Ion Ratio Lower Upper

252 100

253 106.7 0.0 46.0#

125 151.3 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 2.481 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.13 min

Lab File: BN004009.D

Acq: 16 Dec 2018 23:29

Instrument :

BNA_N

ClientSampleId :

F9E87

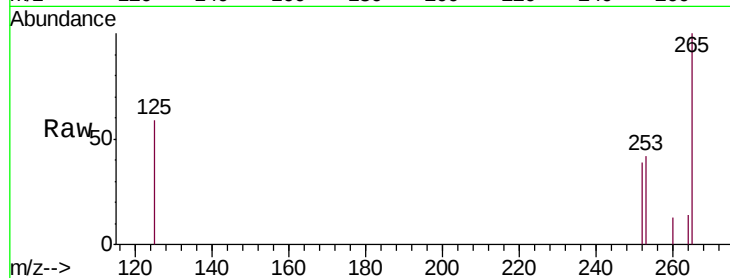
Tgt Ion: 252 Resp: 290

Ion Ratio Lower Upper

252 100

253 106.7 18.5 27.7#

125 151.3 9.0 13.6#

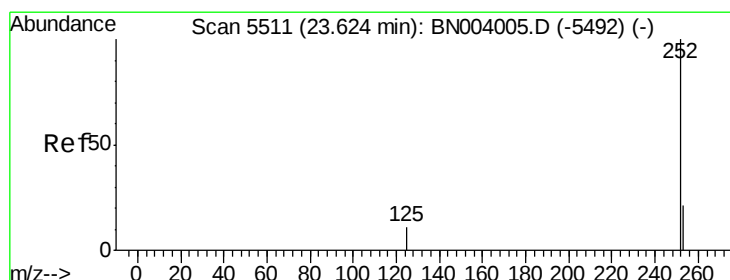
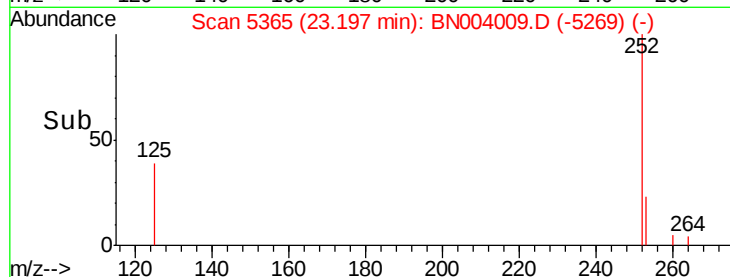
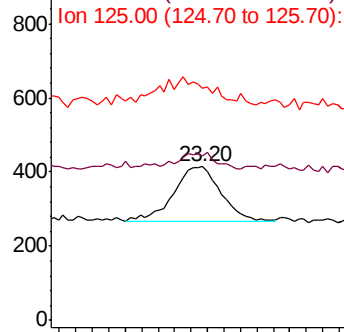


Abundance

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: 2.811 ng/ul

RT: 23.77 min Scan# 5561

Delta R.T. 0.15 min

Lab File: BN004009.D

Acq: 16 Dec 2018 23:29

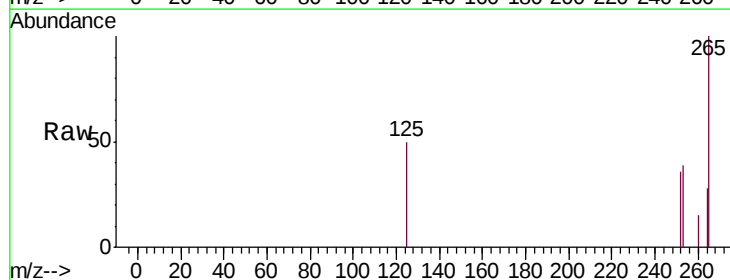
Tgt Ion: 252 Resp: 292

Ion Ratio Lower Upper

252 100

253 106.2 19.0 28.4#

125 138.1 10.2 15.4#

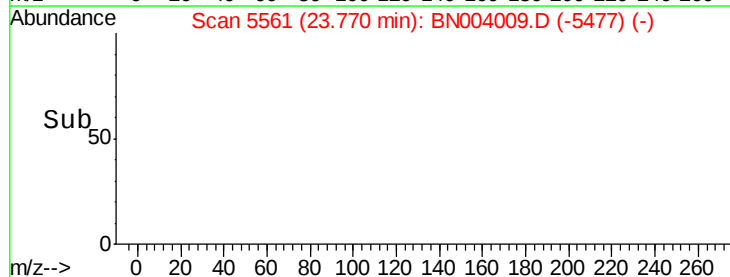
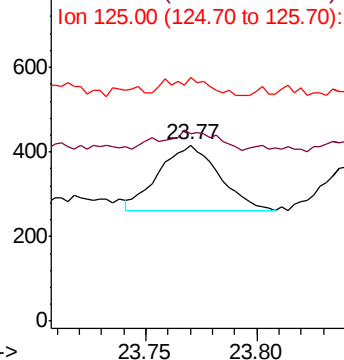


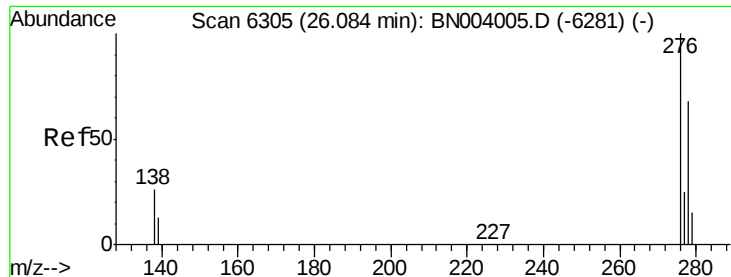
Abundance

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



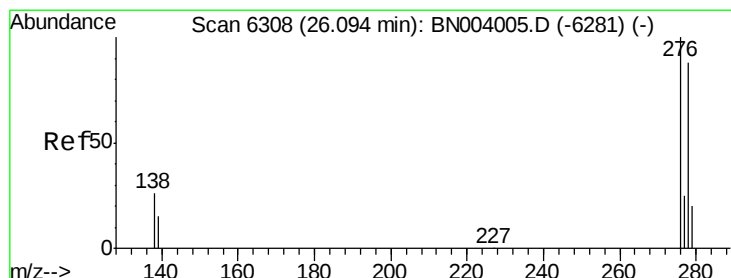
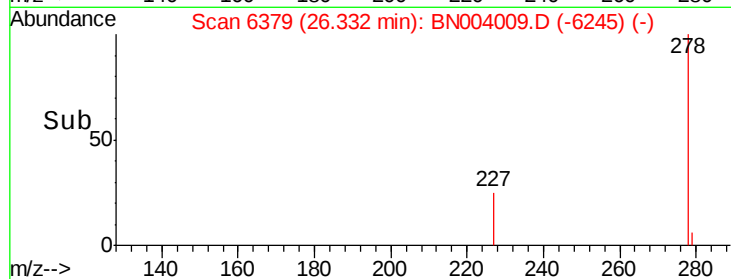
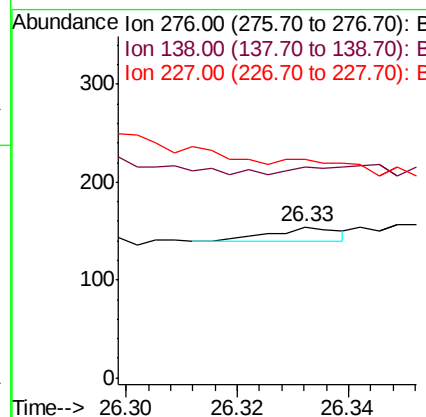
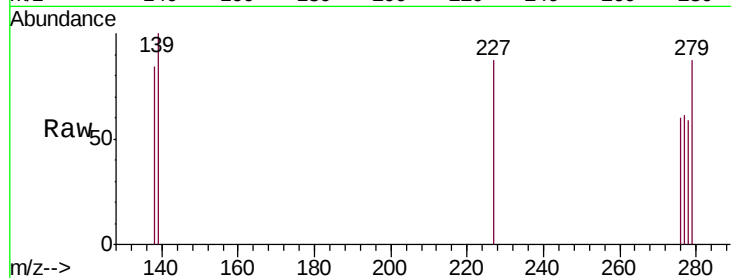


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/u1
RT: 26.33 min Scan# 6379
Delta R.T. 0.25 min
Lab File: BN004009.D
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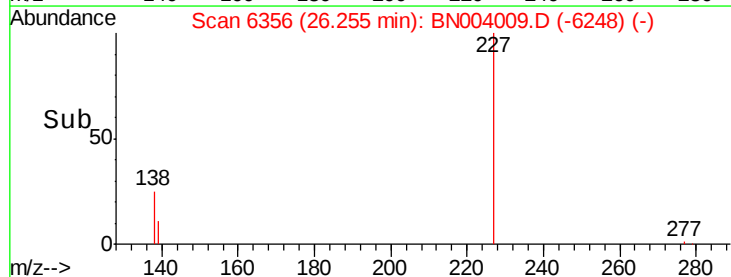
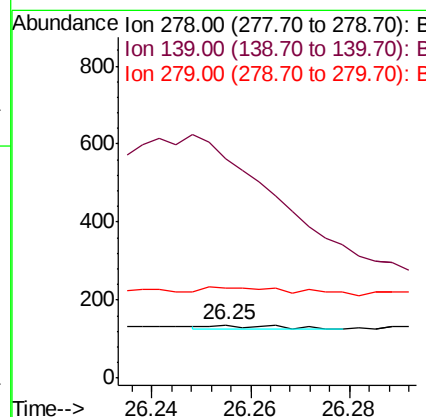
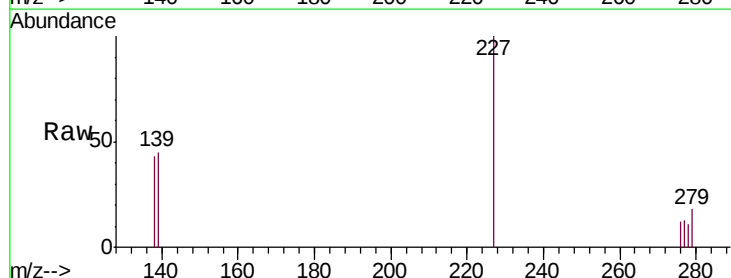
Tgt Ion: 276 Resp: 13
Ion Ratio Lower Upper
276 100
138 0.0 20.3 30.5#
227 0.0 0.2 0.2#

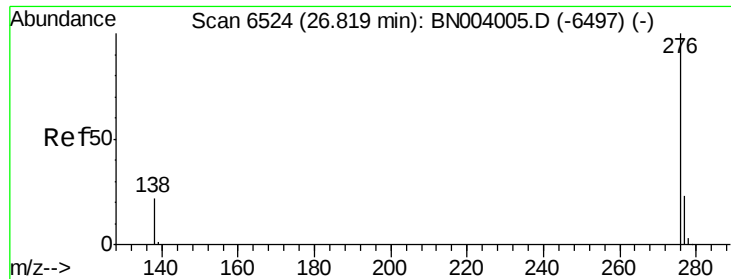


#25

Dibenzo(a,h)anthracene
Concen: 0.083 ng/u1
RT: 26.25 min Scan# 6356
Delta R.T. 0.16 min
Lab File: BN004009.D
Acq: 16 Dec 2018 23:29

Tgt Ion: 278 Resp: 8
Ion Ratio Lower Upper
278 100
139 413.2 14.2 21.4#
279 168.4 19.8 29.6#





#26

Benzo(g,h,i)perylene

Concen: 0.174 ng/ul

RT: 27.07 min Scan# 6598

Delta R.T. 0.25 min

Lab File: BN004009.D

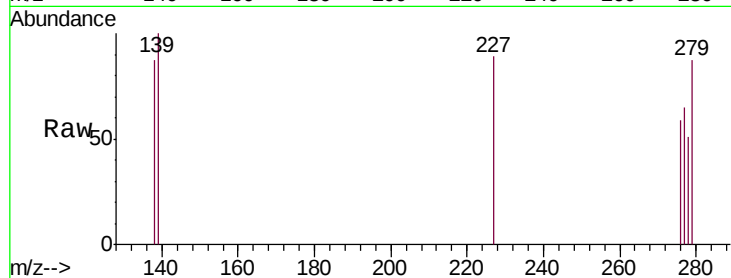
Acq: 16 Dec 2018 23:29

Instrument :

BNA_N

ClientSampleId :

F9E87



Tgt Ion: 276 Resp: 18

Ion Ratio Lower Upper

276 100

138 146.7 17.7 26.5#

277 109.3 19.3 28.9#

