

Data File : BN004008.D
Acq On : 16 Dec 2018 22:53
Operator : JU/SJ
Sample : J6228-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E86

Quant Time: Dec 17 06:25:09 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	1811	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9234	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5645	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	540017	0.40	ng/ul	0.10
16) Chrysene-d12	21.58	240	9	0.40	ng/ul	0.18
20) Perylene-d12	24.00	264	5	0.40	ng/ul	0.27

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2513	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

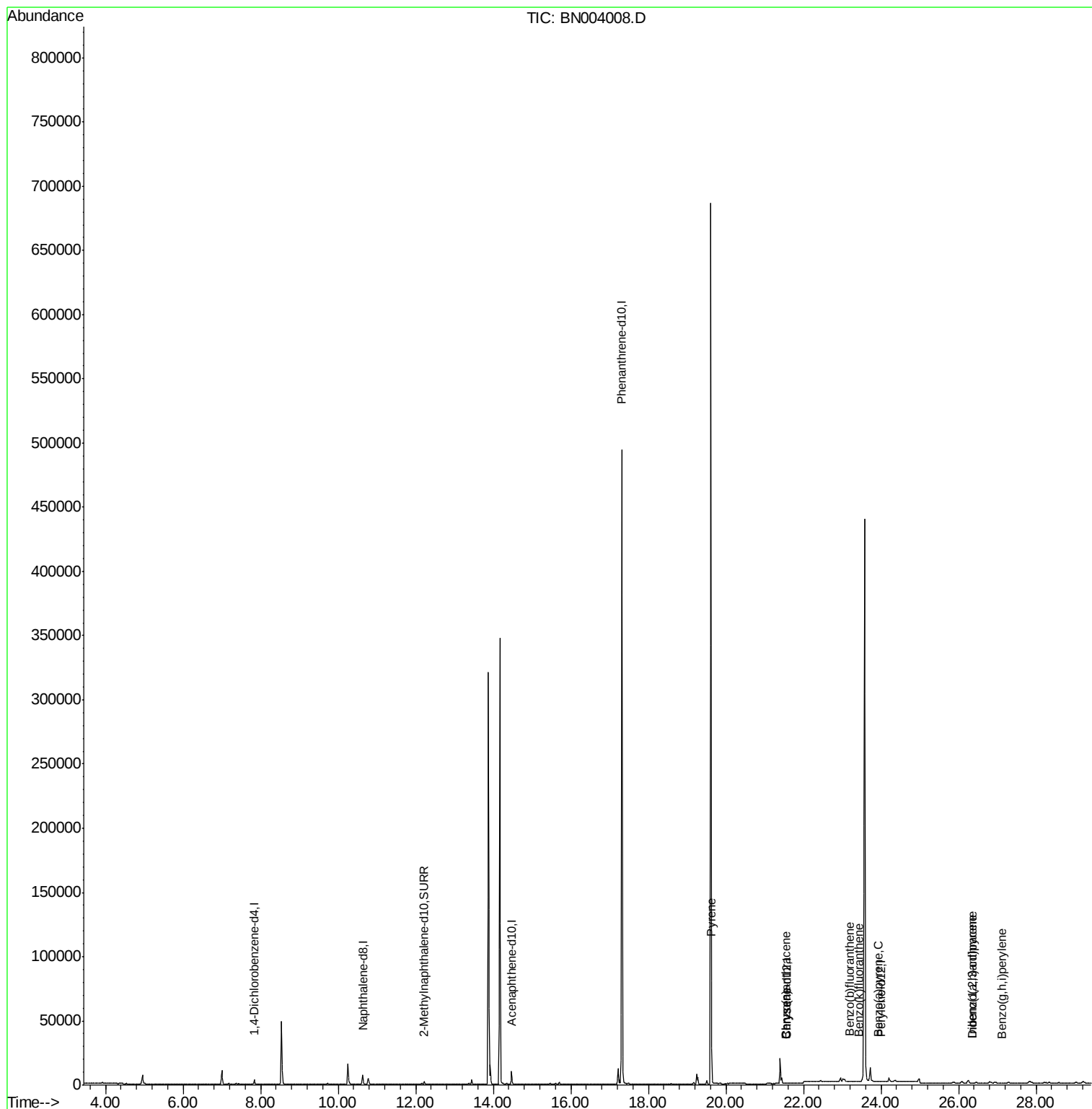
Target Compounds				Qvalue		
17) Pyrene	19.64	202	5507	170.604	ng/ul#	91
18) Benzo(a)anthracene	21.56	228	214	7.528	ng/ul#	1
19) Chrysene	21.56	228	214	6.578	ng/ul#	1
21) Benzo(b)fluoranthene	23.20	252	459	22.192	ng/ul#	1
22) Benzo(k)fluoranthene	23.43	252	15	0.744	ng/ul#	1
23) Benzo(a)pyrene	23.92	252	12	0.670	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.36	276	73	3.554	ng/ul#	50
25) Dibenzo(a,h)anthracene	26.36	278	367	22.201	ng/ul#	1
26) Benzo(g,h,i)perylene	27.14	276	8	0.448	ng/ul#	1

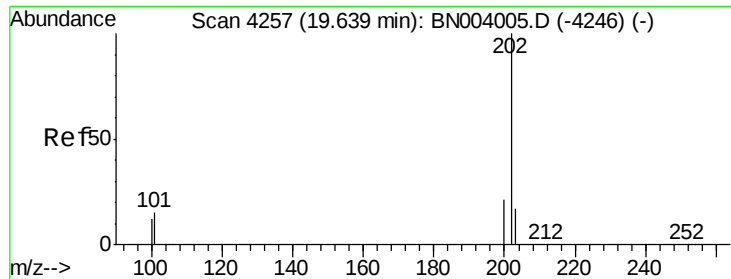
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 170.604 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

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ClientSampleId :

F9E86

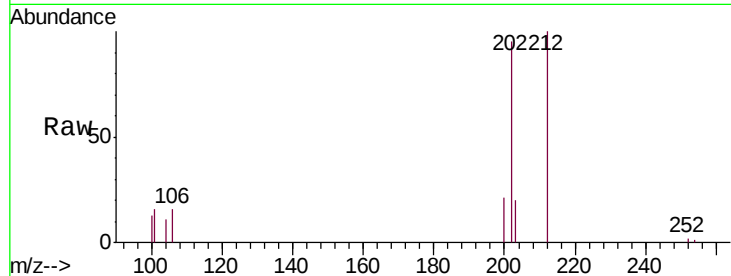
Tgt Ion:202 Resp: 5507

Ion Ratio Lower Upper

202 100

101 16.5 10.3 15.5#

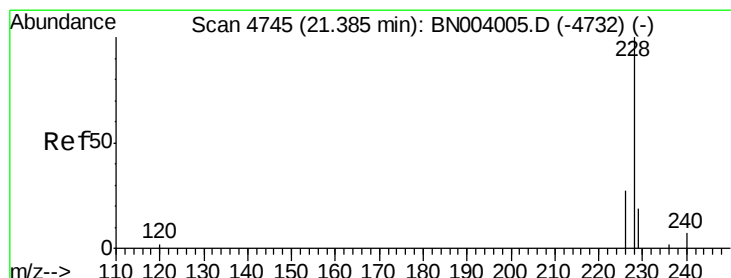
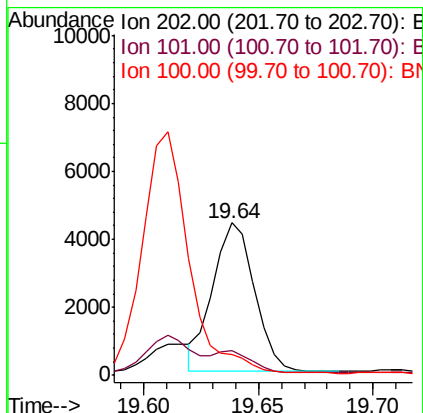
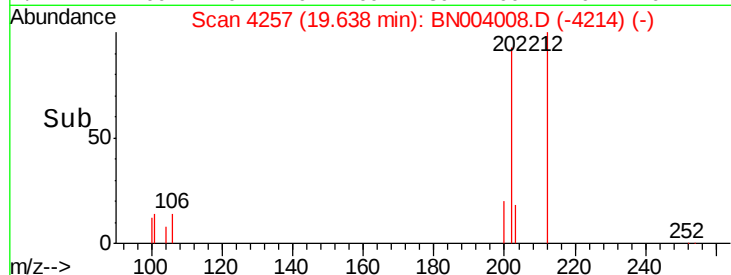
100 13.9 8.5 12.7#



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: 7.528 ng/ul

RT: 21.56 min Scan# 4803

Delta R.T. 0.17 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

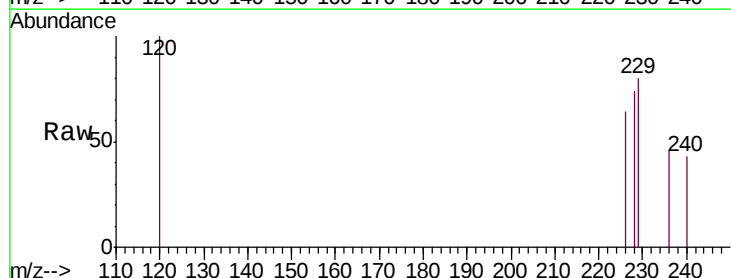
Tgt Ion:228 Resp: 214

Ion Ratio Lower Upper

228 100

229 107.6 15.6 23.4#

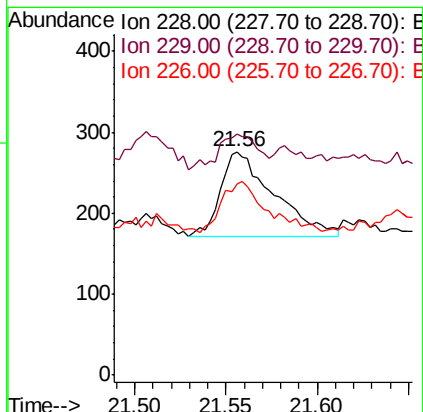
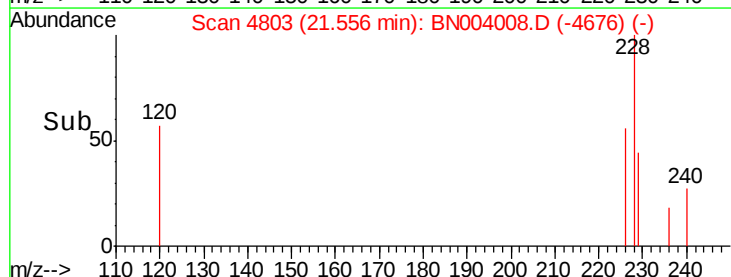
226 85.5 21.1 31.7#

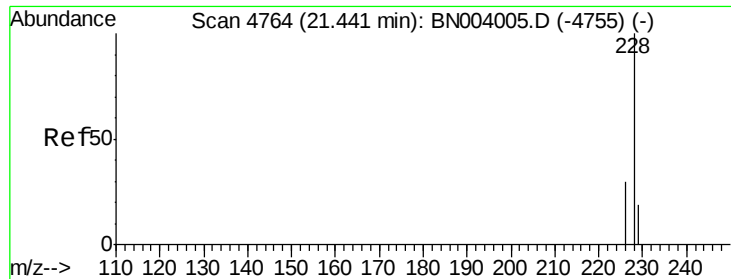


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 6.578 ng/ul

RT: 21.56 min Scan# 4803

Delta R.T. 0.12 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

Instrument :

BNA_N

ClientSampleId :

F9E86

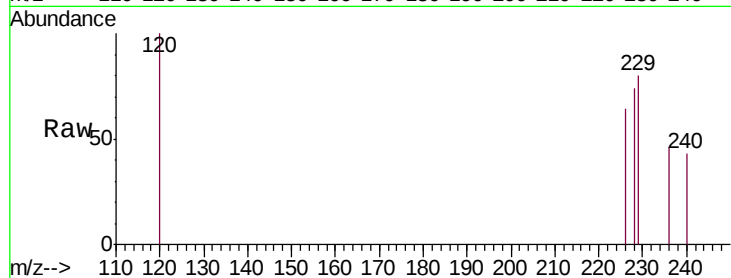
Tgt Ion:228 Resp: 214

Ion Ratio Lower Upper

228 100

226 85.5 24.0 36.0#

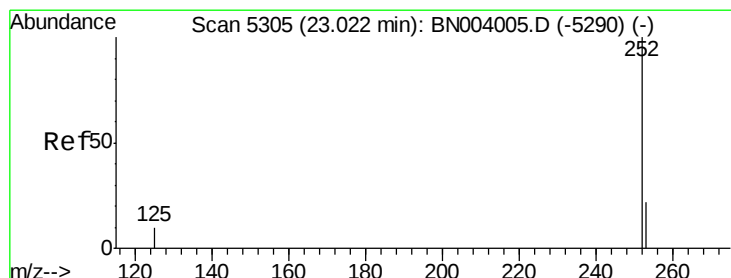
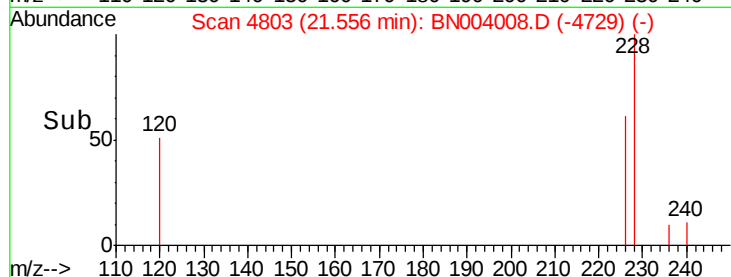
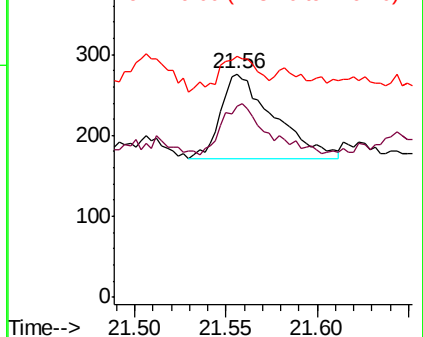
229 107.6 15.7 23.5#



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: 22.192 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.18 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

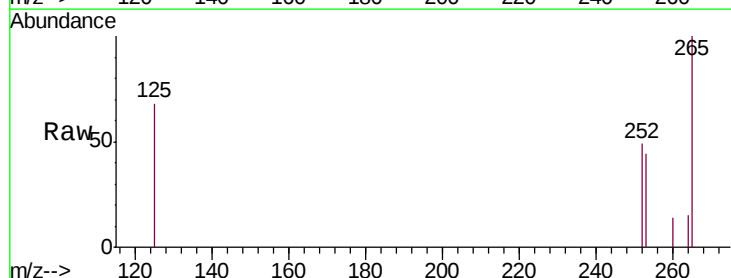
Tgt Ion:252 Resp: 459

Ion Ratio Lower Upper

252 100

253 89.8 0.0 46.0#

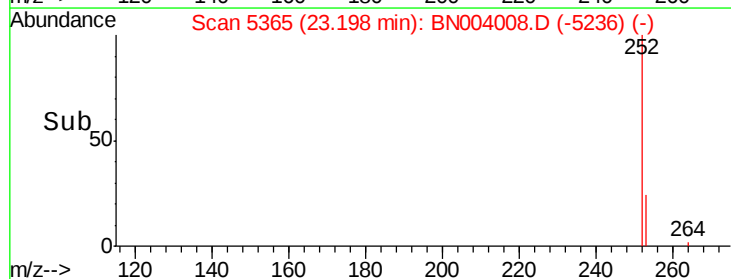
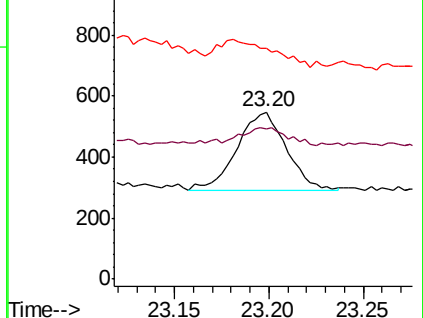
125 138.1 0.0 22.4#

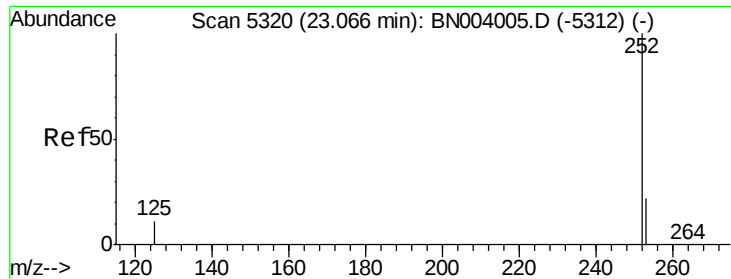


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.744 ng/ul

RT: 23.43 min Scan# 5445

Delta R.T. 0.37 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

Instrument :

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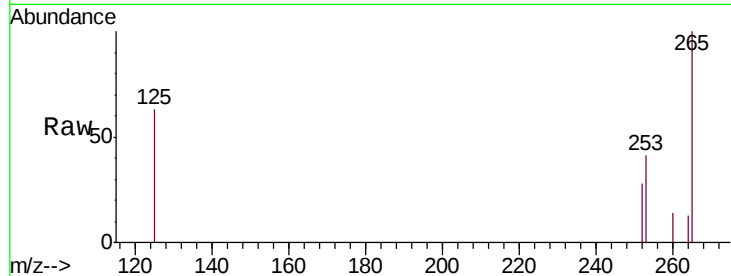
Tgt Ion:252 Resp: 15

Ion Ratio Lower Upper

252 100

253 147.4 18.5 27.7#

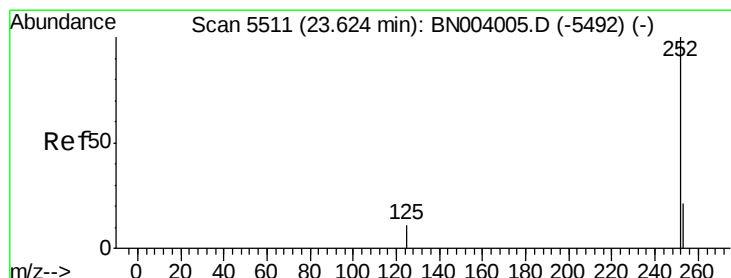
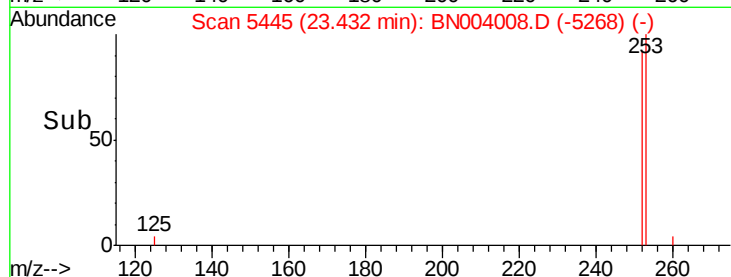
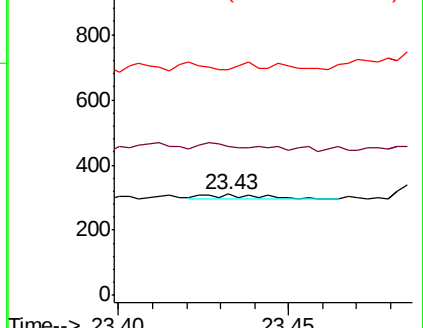
125 223.9 9.0 13.6#



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: 0.670 ng/ul

RT: 23.92 min Scan# 5611

Delta R.T. 0.29 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

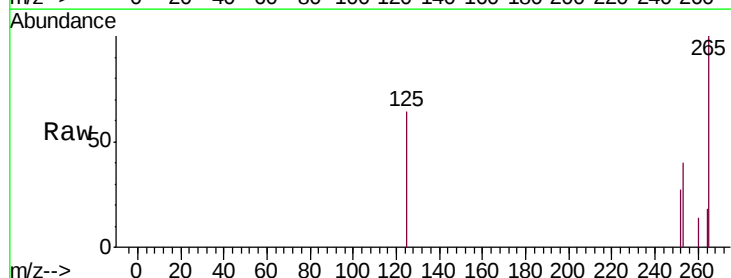
Tgt Ion:252 Resp: 12

Ion Ratio Lower Upper

252 100

253 147.7 19.0 28.4#

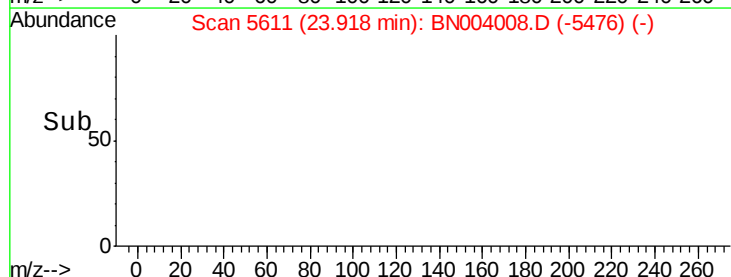
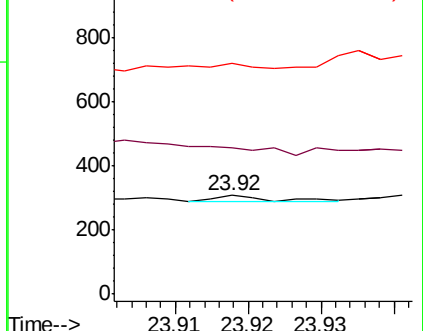
125 233.4 10.2 15.4#

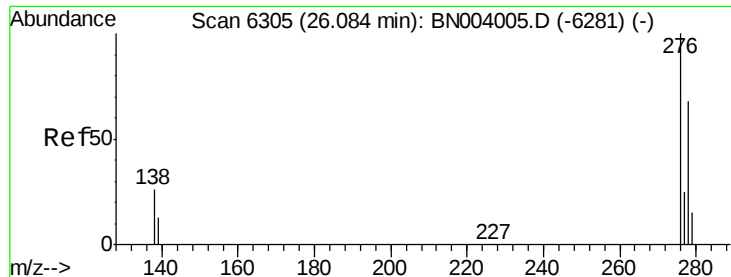


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.554 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.28 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

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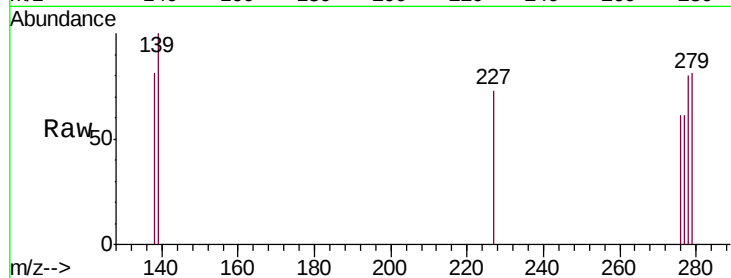
Tgt Ion: 276 Resp: 73

Ion Ratio Lower Upper

276 100

138 0.0 20.3 30.5#

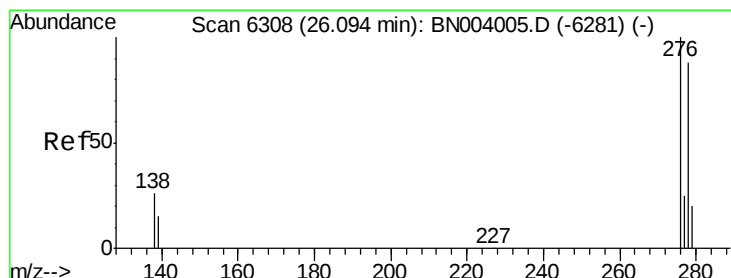
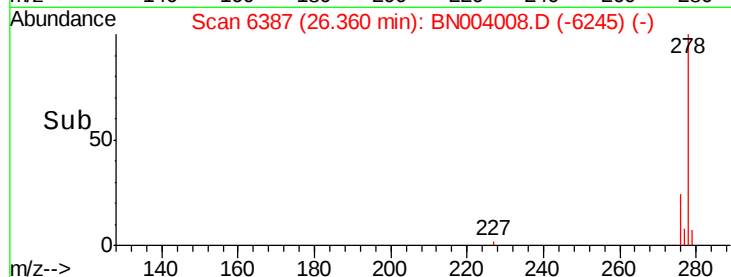
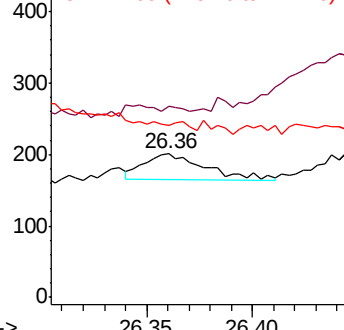
227 0.0 0.2 0.2#



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: 22.201 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.27 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

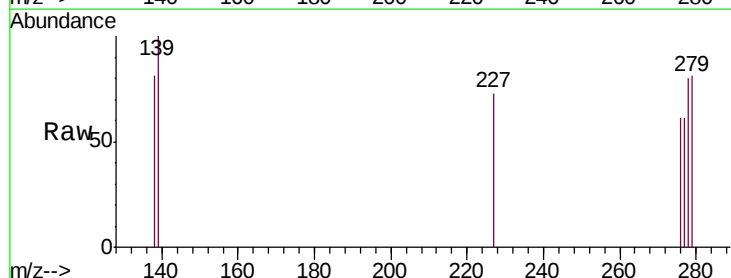
Tgt Ion: 278 Resp: 367

Ion Ratio Lower Upper

278 100

139 125.8 14.2 21.4#

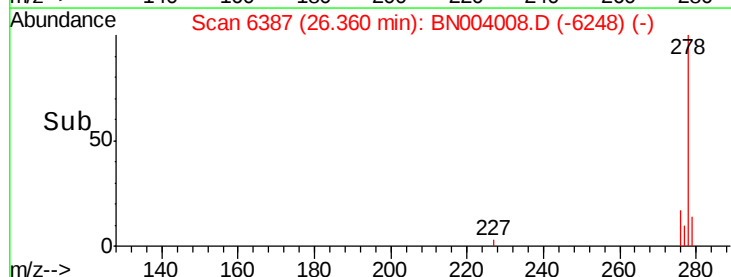
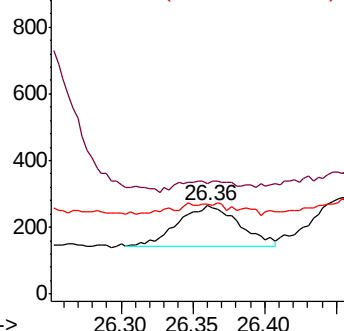
279 101.9 19.8 29.6#

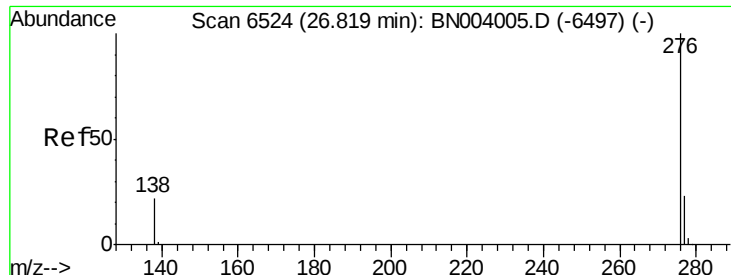


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.448 ng/ul

RT: 27.14 min Scan# 6618

Delta R.T. 0.32 min

Lab File: BN004008.D

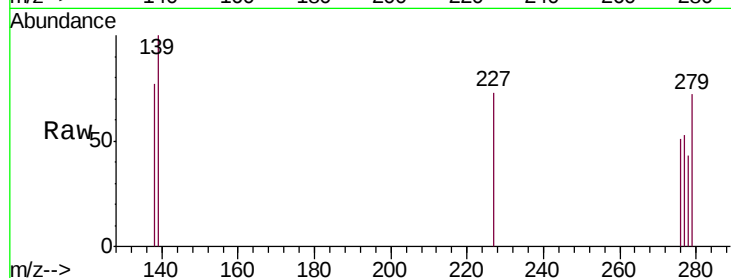
Acq: 16 Dec 2018 22:53

Instrument :

BNA_N

ClientSampleId :

F9E86



Tgt Ion: 276 Resp: 8

Ion Ratio Lower Upper

276 100

138 150.0 17.7 26.5#

277 103.5 19.3 28.9#

