

Data File : BN003409.D
Acq On : 02 Nov 2018 18:40
Operator : MJ/SJ
Sample : J5704-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J9

Quant Time: Nov 02 23:51:57 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	10956	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45553	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26412	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	3047932	0.40	ng/ul	0.10
16) Chrysene-d12	21.54	240	89	0.40	ng/ul	0.13
20) Perylene-d12	23.95	264	14	0.40	ng/ul	0.22

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	20862	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

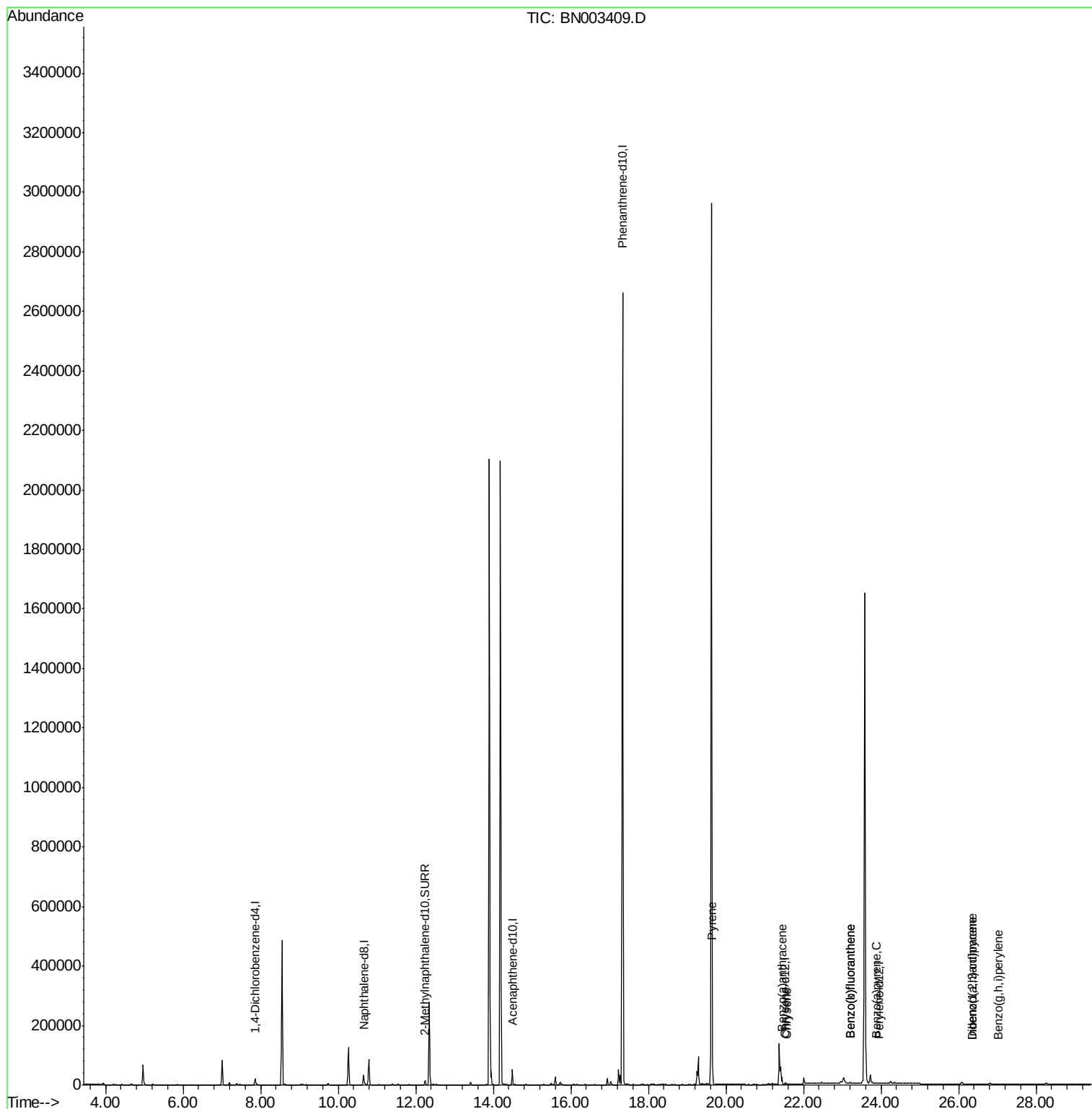
Target Compounds				Qvalue		
17) Pyrene	19.65	202	58261	179.963	ng/ul	98
18) Benzo(a)anthracene	21.44	228	24377	87.361	ng/ul	92
19) Chrysene	21.56	228	2379	7.502	ng/ul#	45
21) Benzo(b)fluoranthene	23.20	252	3280	54.372	ng/ul#	14
22) Benzo(k)fluoranthene	23.20	252	3280	56.137	ng/ul#	14
23) Benzo(a)pyrene	23.87	252	732	14.531	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.36	276	524	9.717	ng/ul#	47
25) Dibenzo(a,h)anthracene	26.36	278	1992	45.319	ng/ul#	24
26) Benzo(g,h,i)perylene	27.03	276	247	5.341	ng/ul#	1

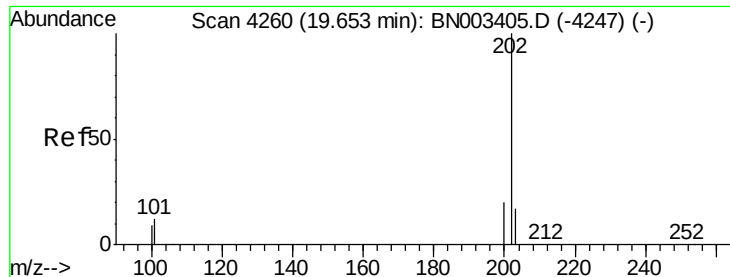
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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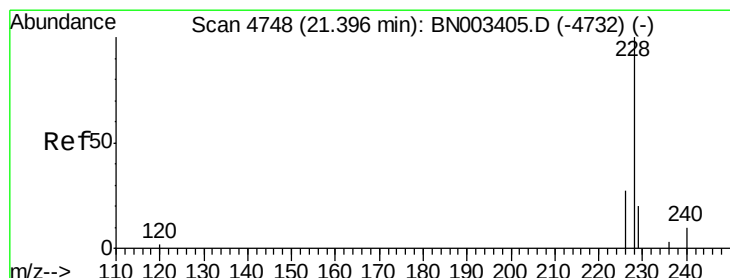
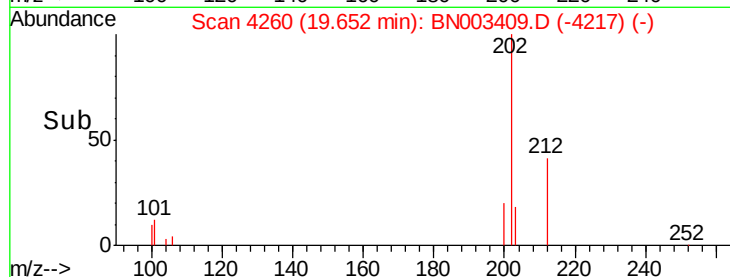
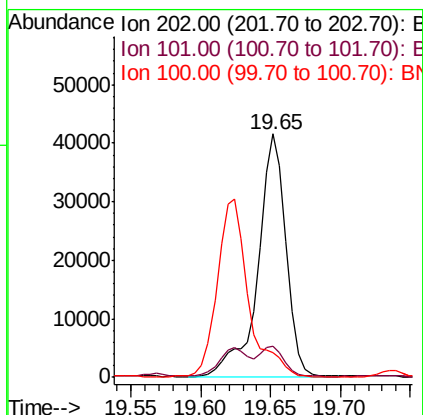
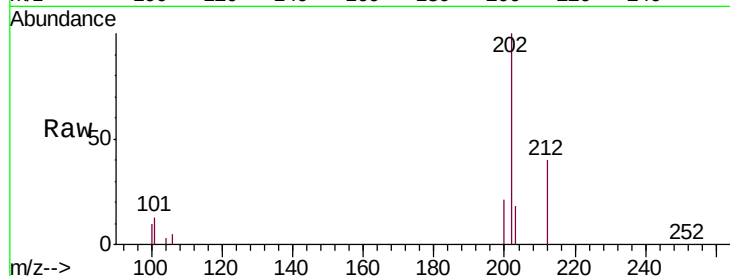




#17
Pyrene
 Concen: 179.963 ng/ul
 RT: 19.65 min Scan# 4260
 Delta R.T. -0.00 min
 Lab File: BN003409.D
 Acq: 02 Nov 2018 18:40

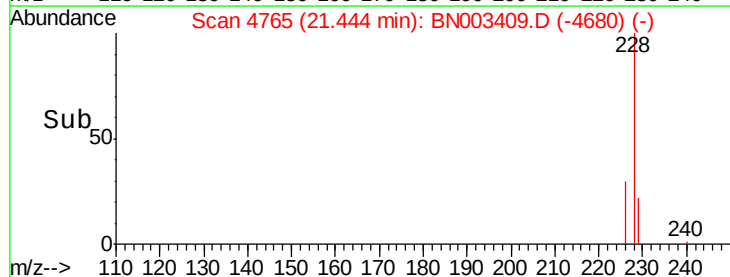
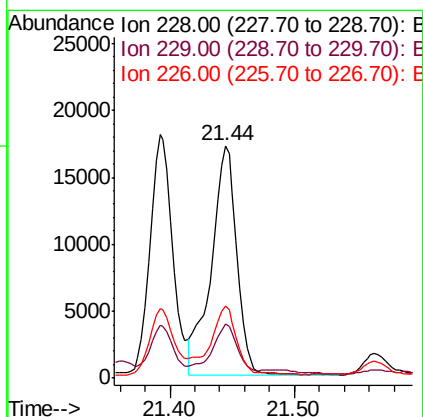
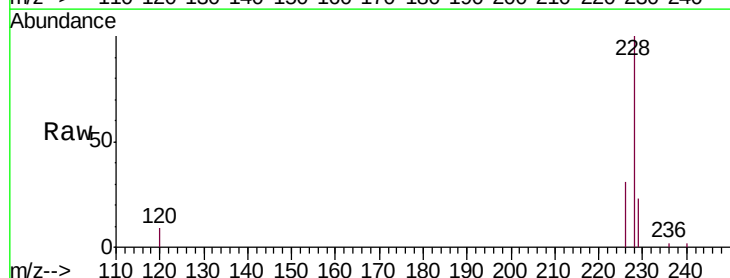
Instrument :
 BNA_N
 ClientSampleId :
 A40J9

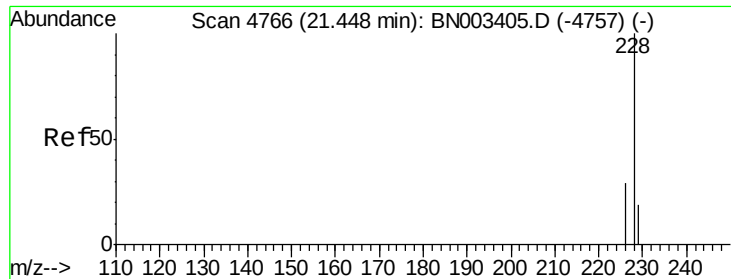
Tgt Ion:202 Resp: 58261
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.5 14.3
 100 10.2 7.5 11.3



#18
Benzo(a)anthracene
 Concen: 87.361 ng/ul
 RT: 21.44 min Scan# 4765
 Delta R.T. 0.05 min
 Lab File: BN003409.D
 Acq: 02 Nov 2018 18:40

Tgt Ion:228 Resp: 24377
 Ion Ratio Lower Upper
 228 100
 229 23.3 15.5 23.3
 226 31.2 21.5 32.3





#19

Chrysene

Concen: 7.502 ng/ul

RT: 21.56 min Scan# 4806

Delta R.T. 0.12 min

Lab File: BN003409.D

Acq: 02 Nov 2018 18:40

Instrument :

BNA_N

ClientSampleId :

A40J9

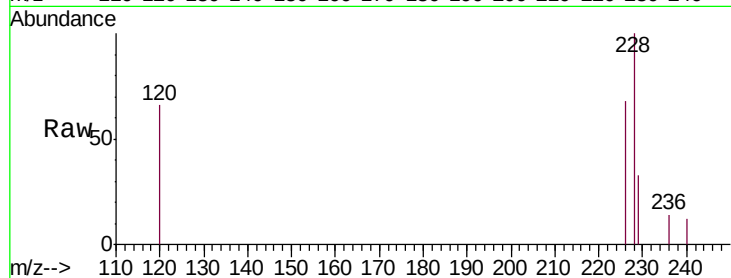
Tgt Ion:228 Resp: 2379

Ion Ratio Lower Upper

228 100

226 68.3 23.8 35.6#

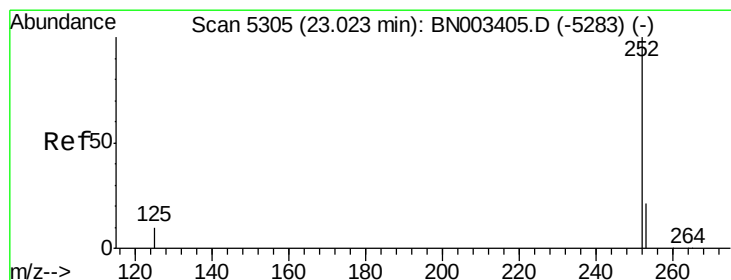
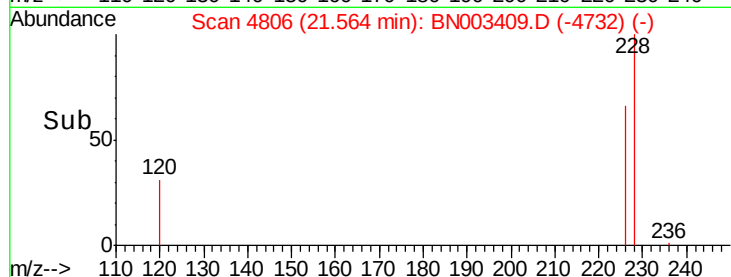
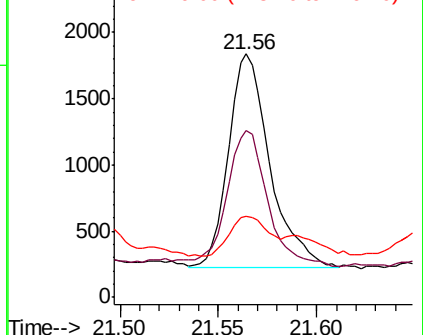
229 33.4 15.5 23.3#



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: 54.372 ng/ul

RT: 23.20 min Scan# 5366

Delta R.T. 0.18 min

Lab File: BN003409.D

Acq: 02 Nov 2018 18:40

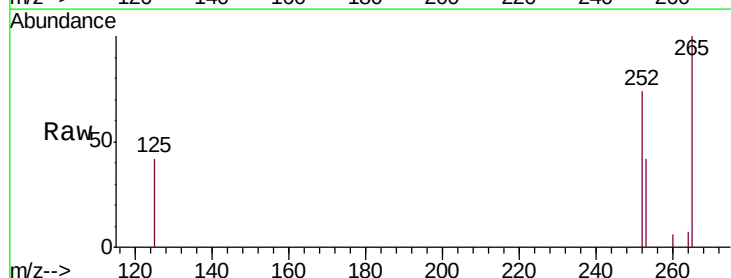
Tgt Ion:252 Resp: 3280

Ion Ratio Lower Upper

252 100

253 56.2 0.0 45.6#

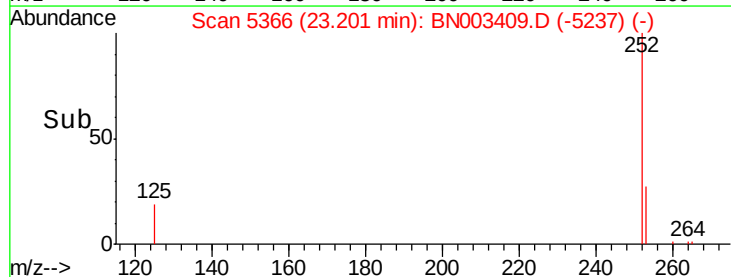
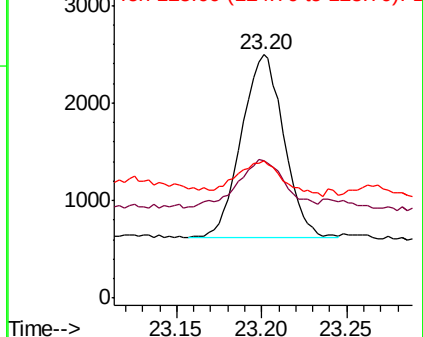
125 56.5 0.0 21.8#

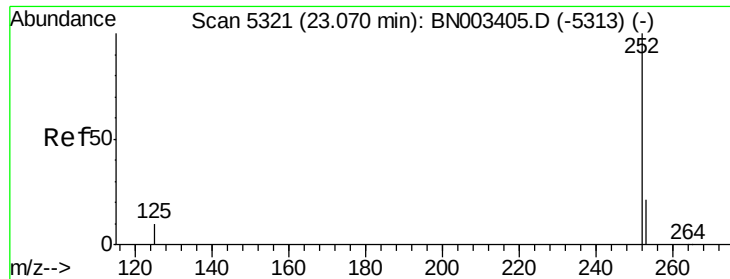


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 56.137 ng/ul

RT: 23.20 min Scan# 5366

Delta R.T. 0.13 min

Lab File: BN003409.D

Acq: 02 Nov 2018 18:40

Instrument :

BNA_N

ClientSampleId :

A40J9

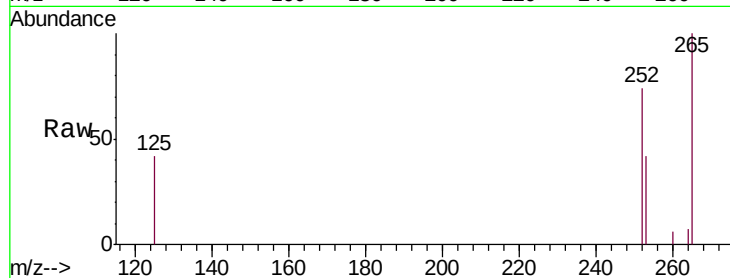
Tgt Ion:252 Resp: 3280

Ion Ratio Lower Upper

252 100

253 56.2 18.2 27.4#

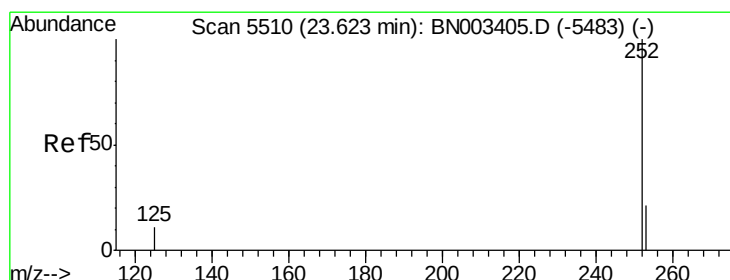
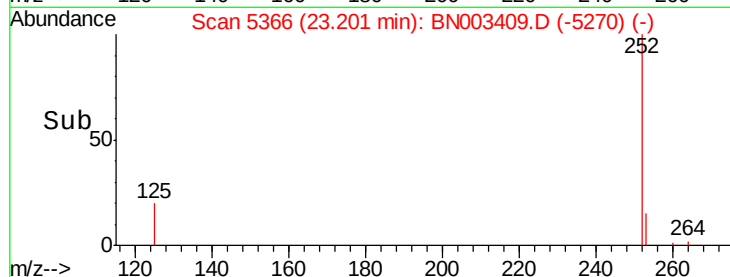
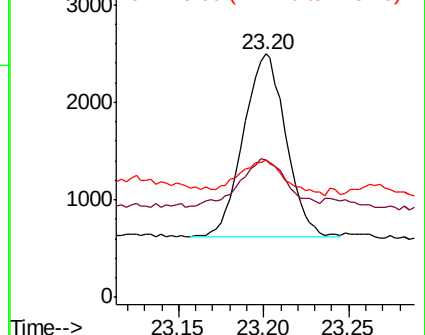
125 56.5 8.6 13.0#



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: 14.531 ng/ul

RT: 23.87 min Scan# 5594

Delta R.T. 0.24 min

Lab File: BN003409.D

Acq: 02 Nov 2018 18:40

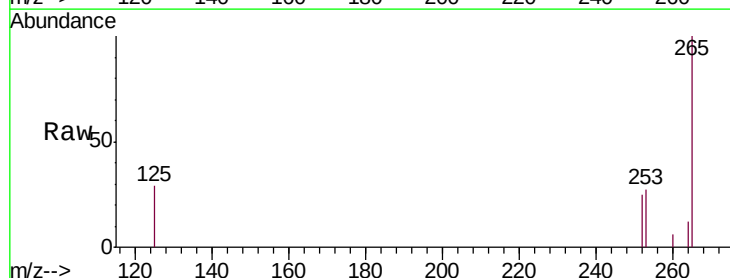
Tgt Ion:252 Resp: 732

Ion Ratio Lower Upper

252 100

253 105.3 18.5 27.7#

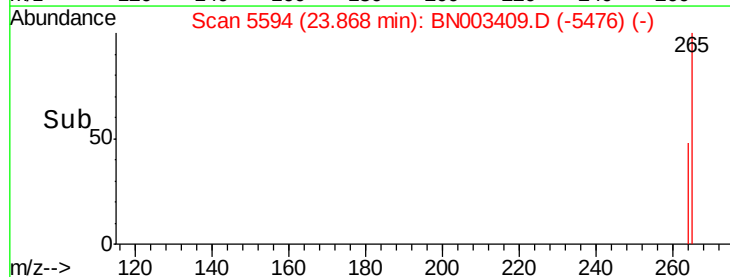
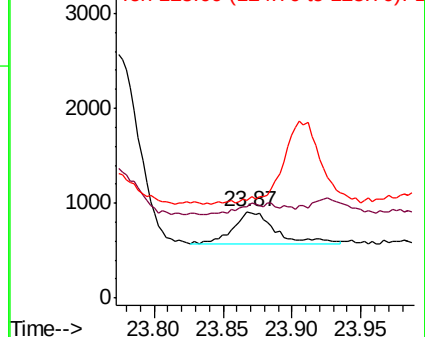
125 113.4 9.9 14.9#

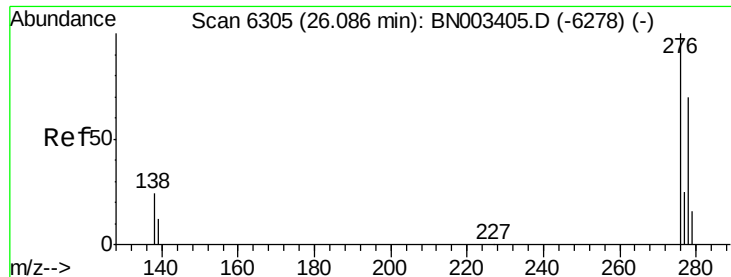


Abundance Ion 252.00 (251.70 to 252.70): E

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: 9.717 ng/ul

RT: 26.36 min Scan# 6388

Delta R.T. 0.28 min

Lab File: BN003409.D

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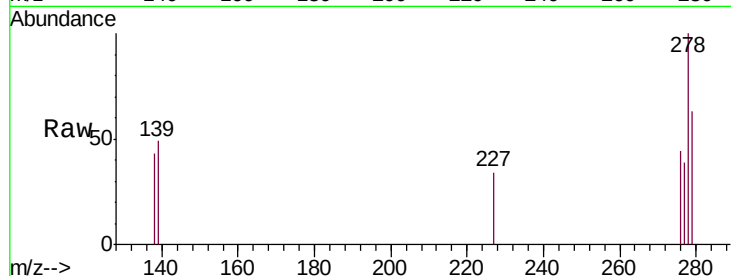
Tgt Ion: 276 Resp: 524

Ion Ratio Lower Upper

276 100

138 51.5 19.8 29.8#

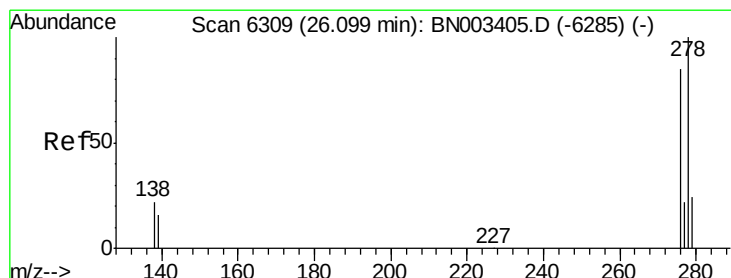
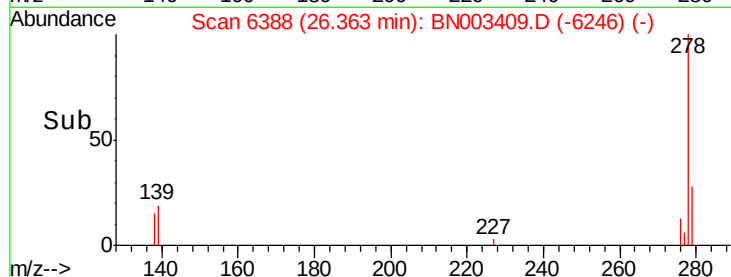
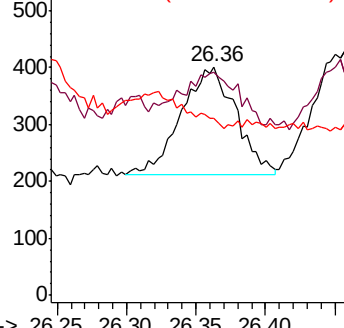
227 0.0 0.2 0.2#



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: 45.319 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.26 min

Lab File: BN003409.D

Acq: 02 Nov 2018 18:40

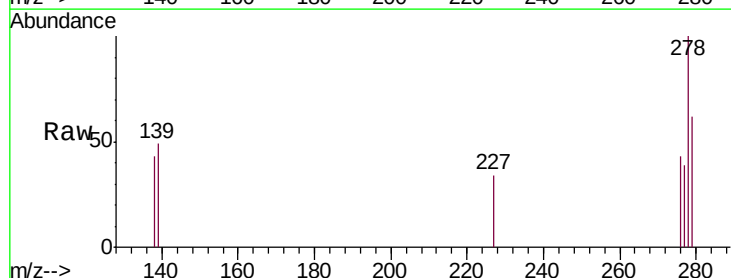
Tgt Ion: 278 Resp: 1992

Ion Ratio Lower Upper

278 100

139 48.5 13.1 19.7#

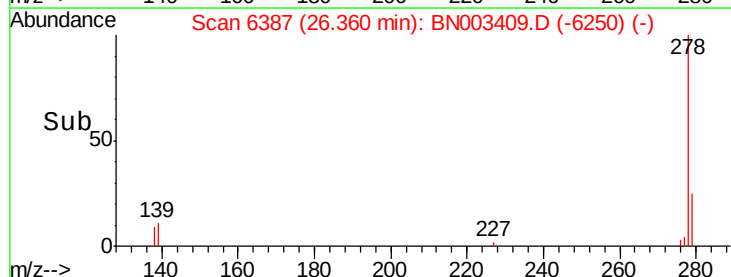
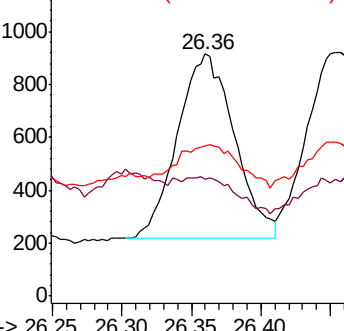
279 62.1 19.5 29.3#

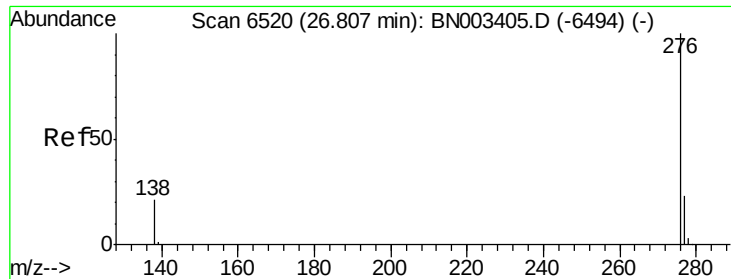


Abundance Ion 278.00 (277.70 to 278.70): E

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: 5.341 ng/ul

RT: 27.03 min Scan# 6587

Delta R.T. 0.22 min

Lab File: BN003409.D

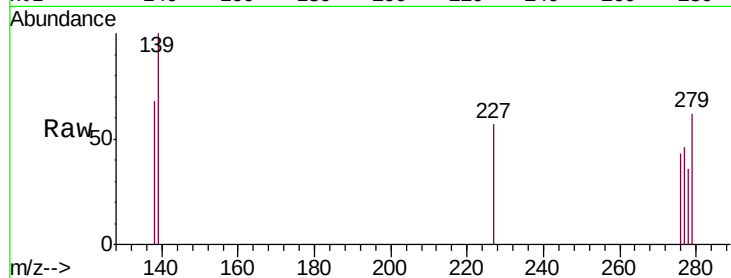
Acq: 02 Nov 2018 18:40

Instrument :

BNA_N

ClientSampleId :

A40J9



Tgt Ion: 276 Resp: 247

Ion Ratio Lower Upper

276 100

138 157.9 17.0 25.6#

277 108.6 19.2 28.8#

