

Data File : BN003414.D
Acq On : 02 Nov 2018 21:37
Operator : MJ/SJ
Sample : J5701-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40F0

Quant Time: Nov 02 23:52:54 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	10222	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	42883	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	2099482	0.40	ng/ul	0.10
16) Chrysene-d12	21.54	240	119	0.40	ng/ul	0.13
20) Perylene-d12	23.95	264	9	0.40	ng/ul	0.23

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	14634	0.21	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

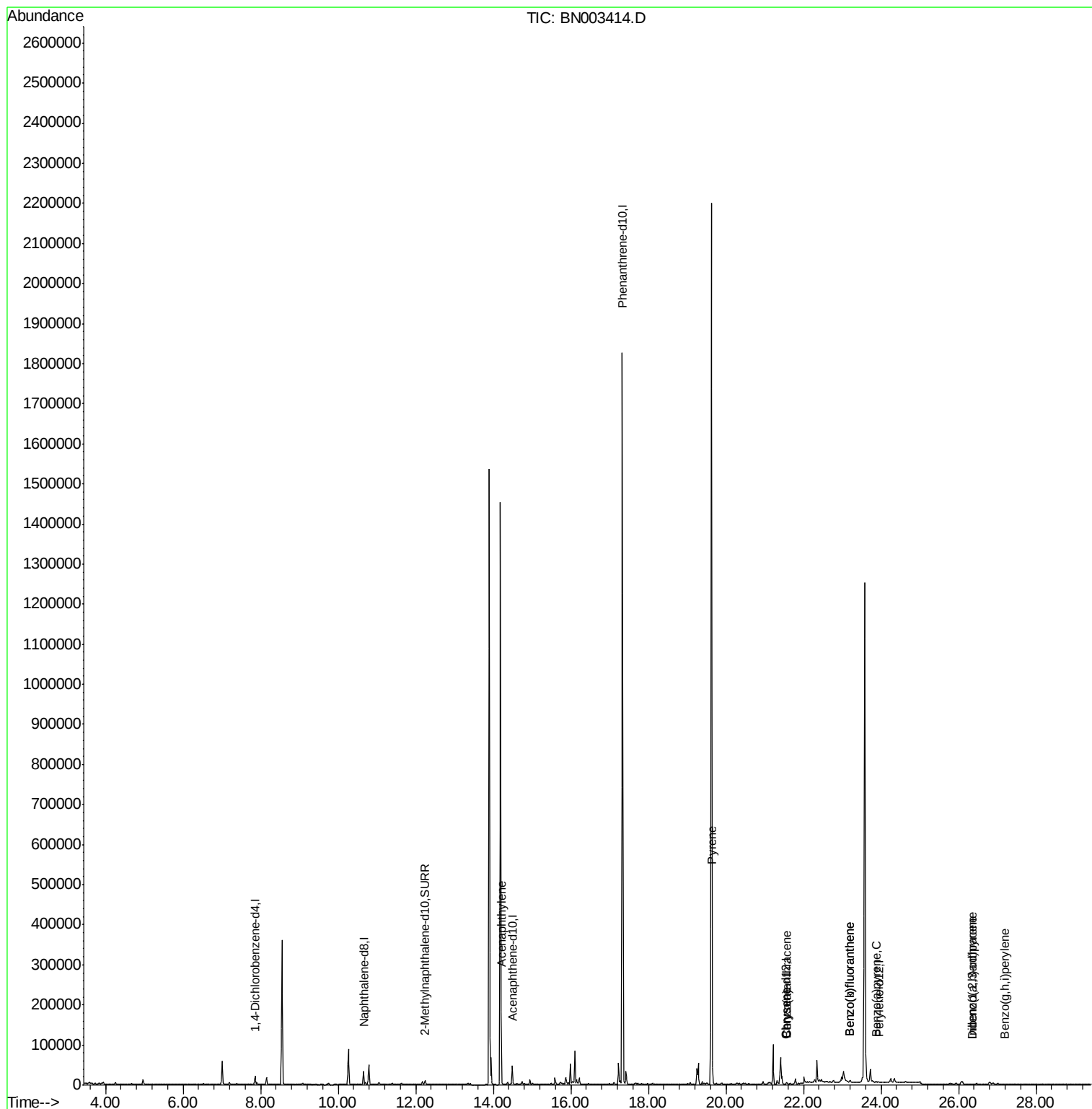
Target Compounds				Qvalue		
7) Acenaphthylene	14.21	152	2749	0.025	ng/ul#	88
17) Pyrene	19.65	202	46345	107.066	ng/ul#	94
18) Benzo(a)anthracene	21.56	228	3145	8.430	ng/ul#	37
19) Chrysene	21.56	228	3144	7.415	ng/ul#	41
21) Benzo(b)fluoranthene	23.20	252	3637	93.784	ng/ul#	1
22) Benzo(k)fluoranthene	23.20	252	3637	96.829	ng/ul#	1
23) Benzo(a)pyrene	23.87	252	783	24.178	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.35	276	348	10.039	ng/ul#	90
25) Dibenzo(a,h)anthracene	26.36	278	1422	50.325	ng/ul#	1
26) Benzo(g,h,i)perylene	27.19	276	1388	46.689	ng/ul#	1

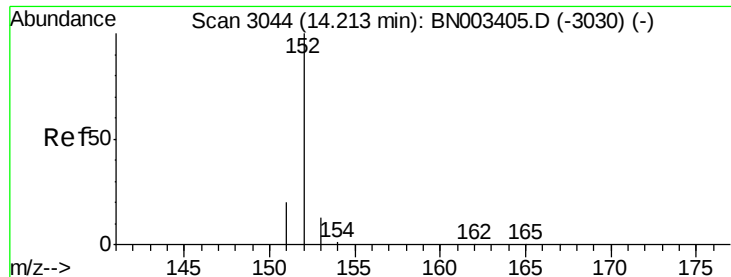
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. -0.00 min

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BNA_N

ClientSampleId :

A40F0

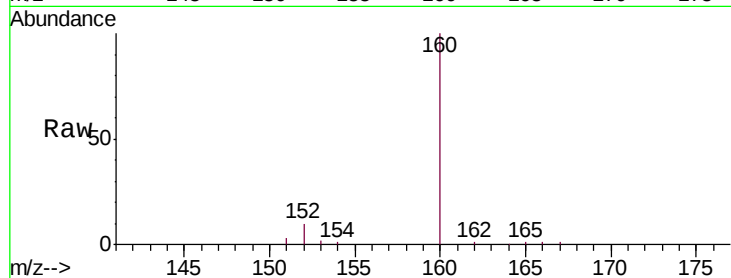
Tgt Ion:152 Resp: 2749

Ion Ratio Lower Upper

152 100

151 25.0 15.6 23.4#

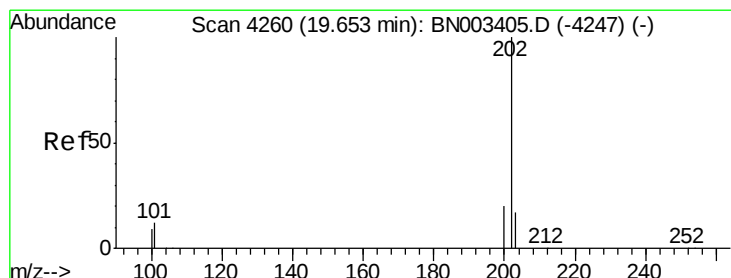
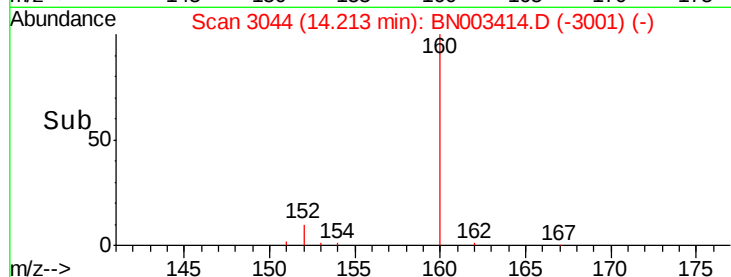
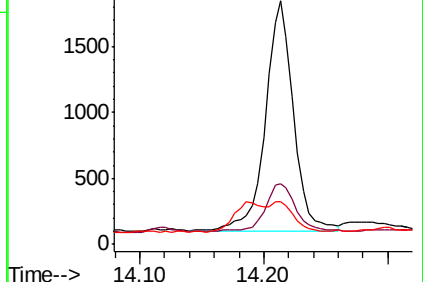
153 17.4 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Pyrene

Concen: 107.066 ng/ul

RT: 19.65 min Scan# 4259

Delta R.T. -0.00 min

Lab File: BN003414.D

Acq: 02 Nov 2018 21:37

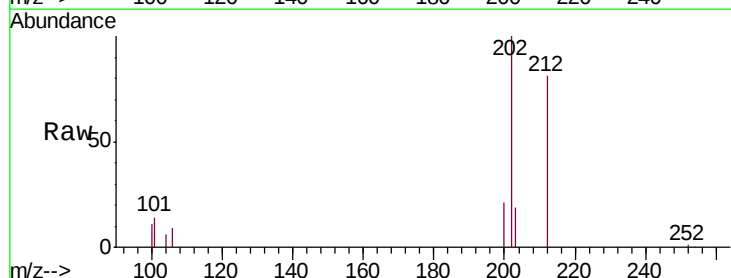
Tgt Ion:202 Resp: 46345

Ion Ratio Lower Upper

202 100

101 14.0 9.5 14.3

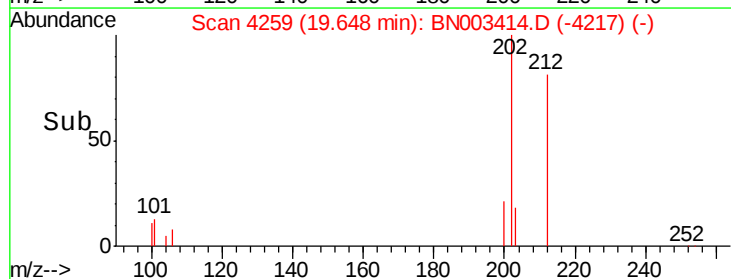
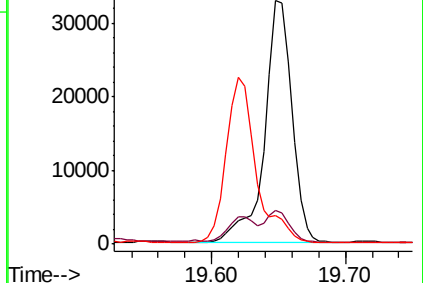
100 11.5 7.5 11.3#

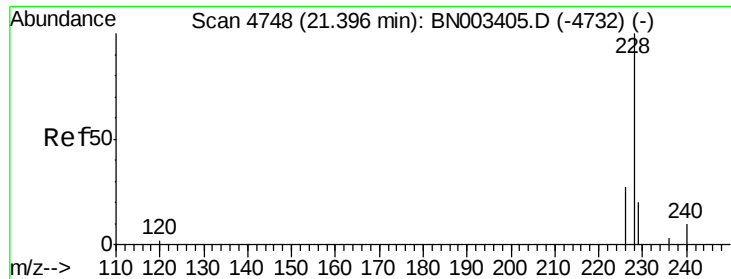


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 8.430 ng/ul

RT: 21.56 min Scan# 4806

Delta R.T. 0.17 min

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Acq: 02 Nov 2018 21:37

Instrument :

BNA_N

ClientSampleId :

A40F0

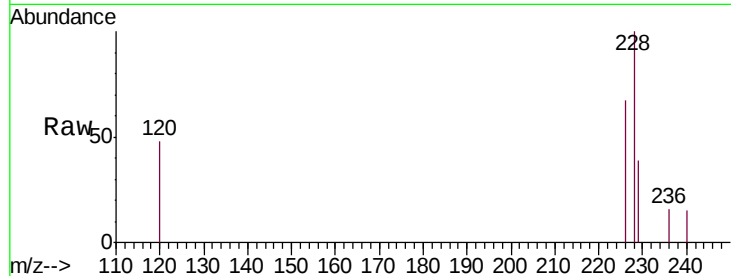
Tgt Ion:228 Resp: 3145

Ion Ratio Lower Upper

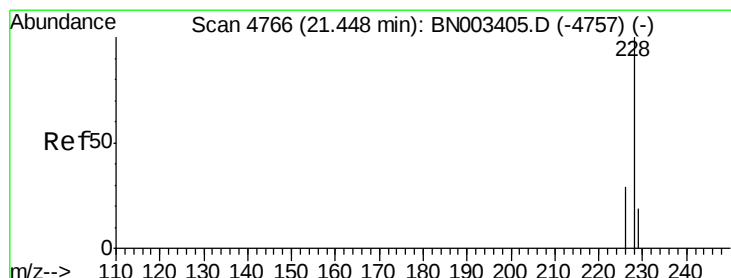
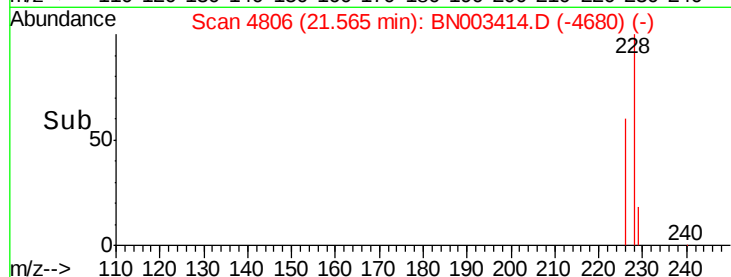
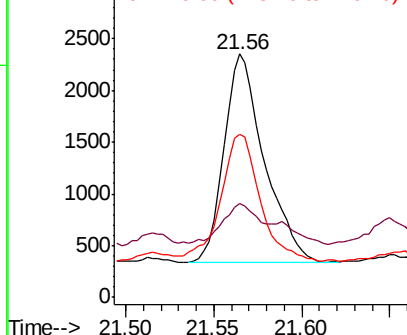
228 100

229 38.6 15.5 23.3#

226 67.0 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: 7.415 ng/ul

RT: 21.56 min Scan# 4806

Delta R.T. 0.12 min

Lab File: BN003414.D

Acq: 02 Nov 2018 21:37

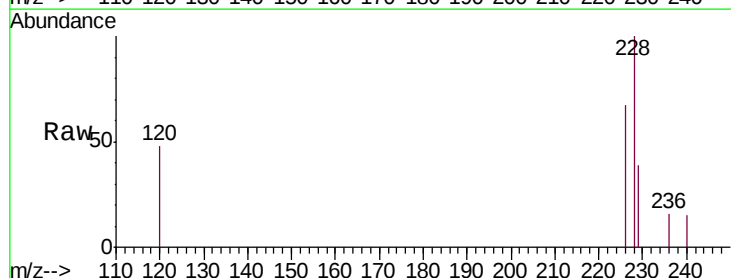
Tgt Ion:228 Resp: 3144

Ion Ratio Lower Upper

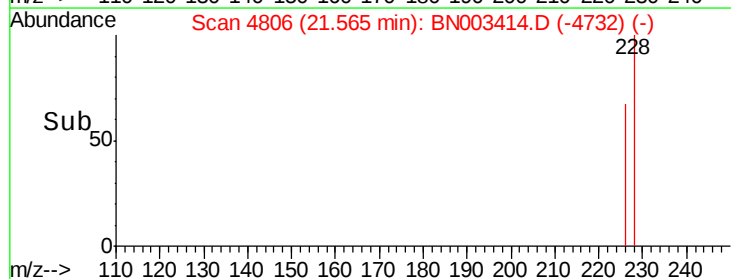
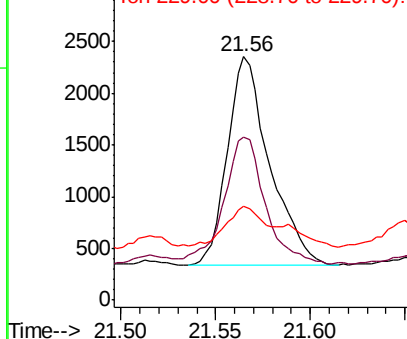
228 100

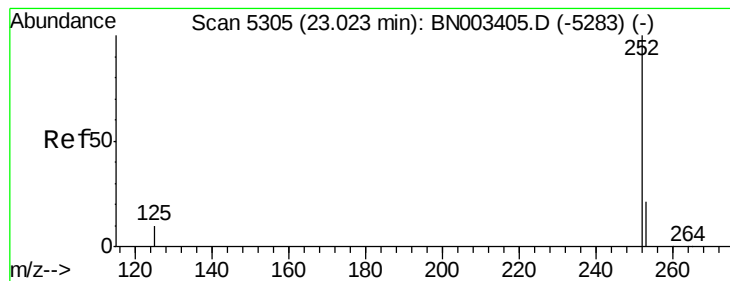
226 67.0 23.8 35.6#

229 38.6 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: 93.784 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.18 min

Lab File: BN003414.D

Acq: 02 Nov 2018 21:37

Instrument :

BNA_N

ClientSampleId :

A40F0

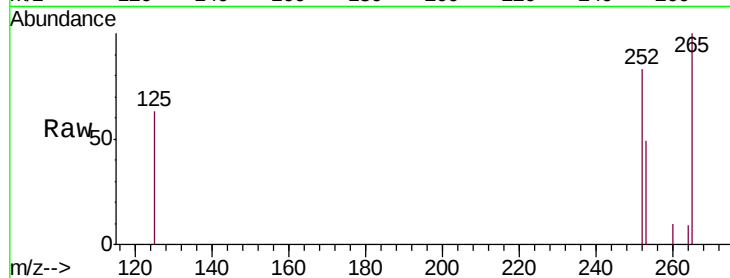
Tgt Ion:252 Resp: 3637

Ion Ratio Lower Upper

252 100

253 58.7 0.0 45.6#

125 76.1 0.0 21.8#

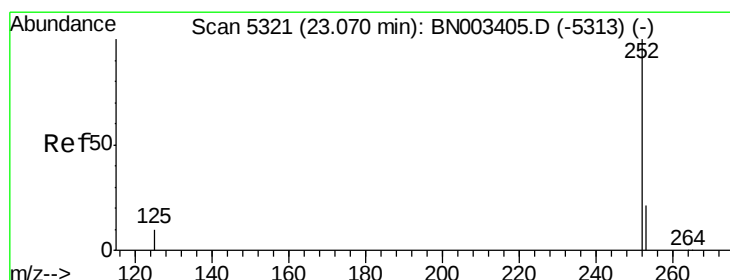
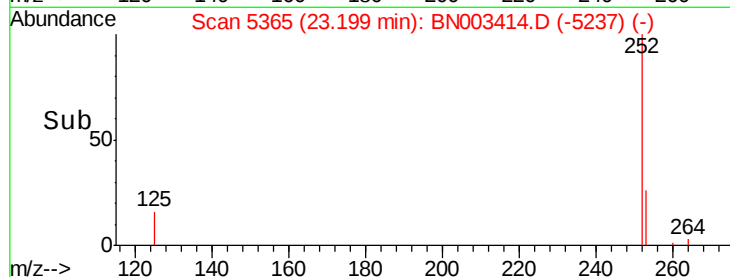
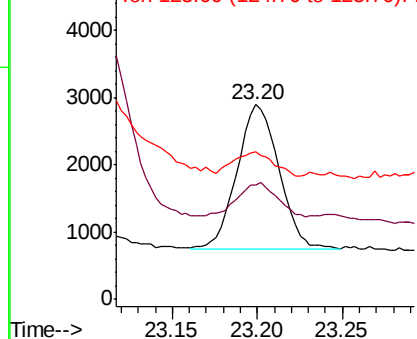


Abundance

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: 96.829 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.13 min

Lab File: BN003414.D

Acq: 02 Nov 2018 21:37

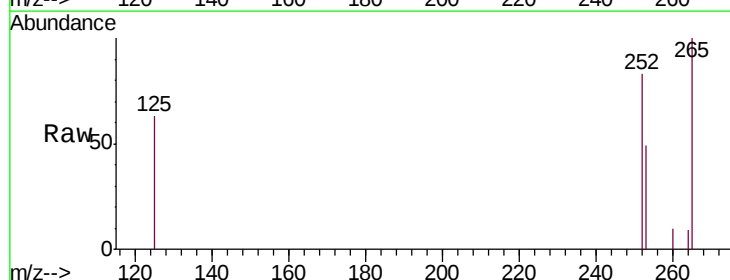
Tgt Ion:252 Resp: 3637

Ion Ratio Lower Upper

252 100

253 58.7 18.2 27.4#

125 76.1 8.6 13.0#

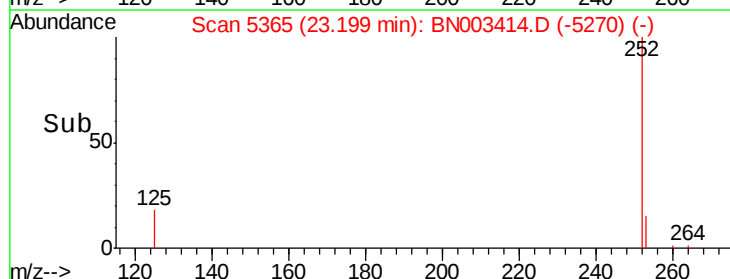
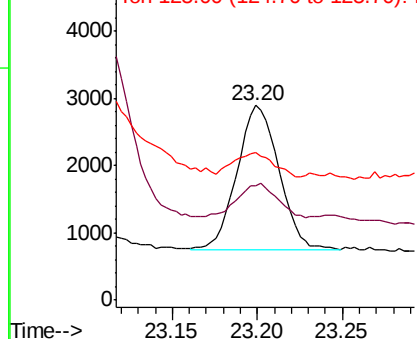


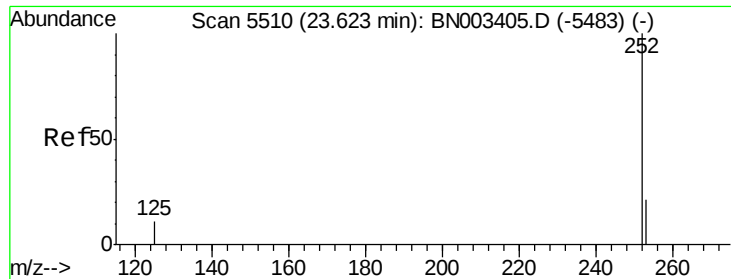
Abundance

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: 24.178 ng/u1

RT: 23.87 min Scan# 5595

Delta R.T. 0.25 min

Lab File: BN003414.D

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Instrument :

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ClientSampleId :

A40F0

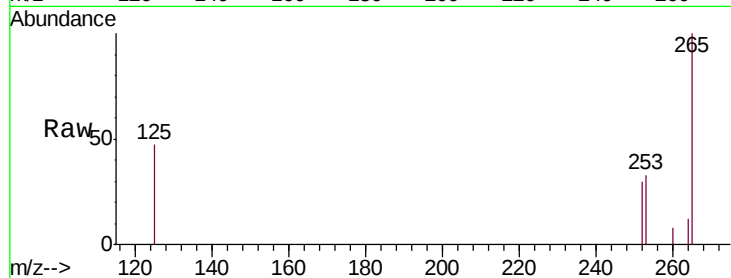
Tgt Ion:252 Resp: 783

Ion Ratio Lower Upper

252 100

253 111.2 18.5 27.7#

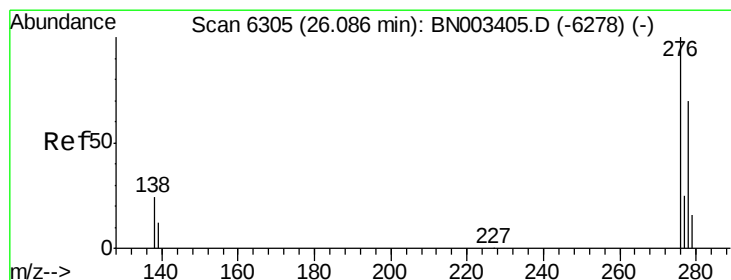
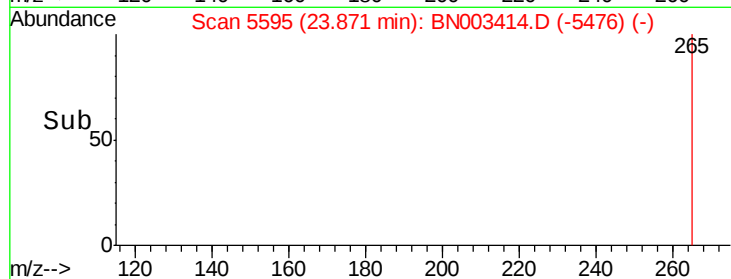
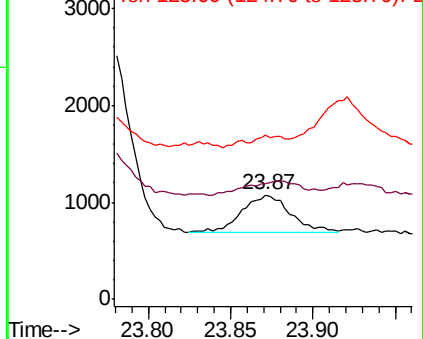
125 157.5 9.9 14.9#



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: 10.039 ng/u1

RT: 26.35 min Scan# 6385

Delta R.T. 0.27 min

Lab File: BN003414.D

Acq: 02 Nov 2018 21:37

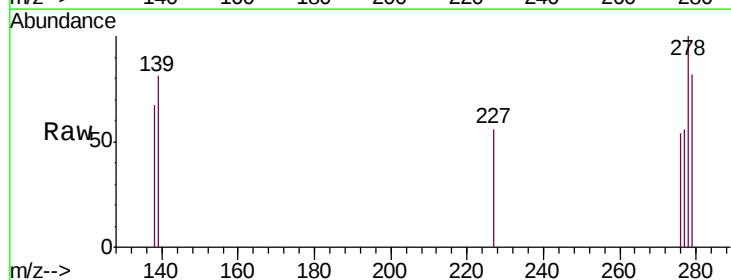
Tgt Ion:276 Resp: 348

Ion Ratio Lower Upper

276 100

138 19.5 19.8 29.8#

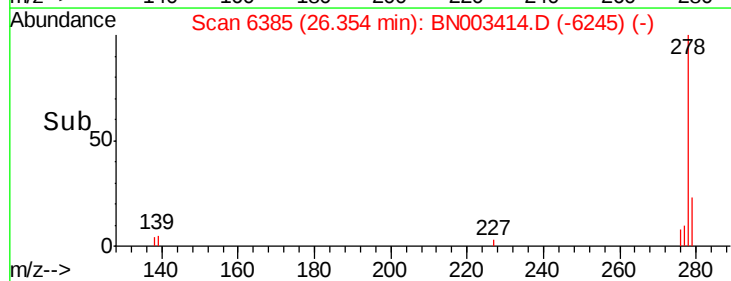
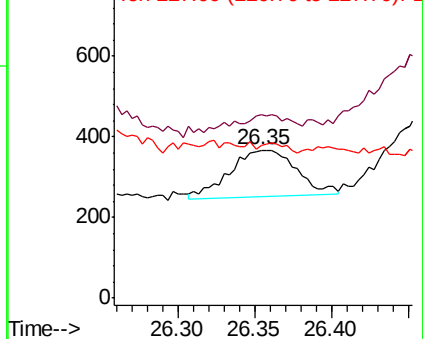
227 6.9 0.2 0.2#

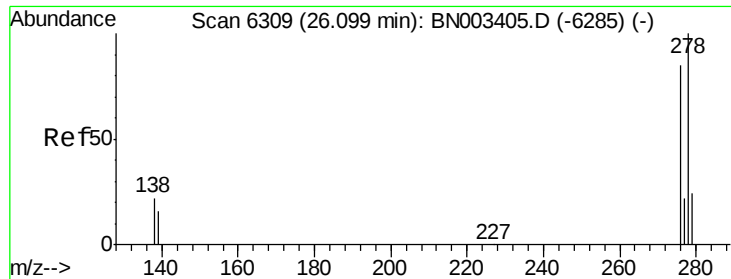


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 50.325 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.26 min

Lab File: BN003414.D

Acq: 02 Nov 2018 21:37

Instrument :

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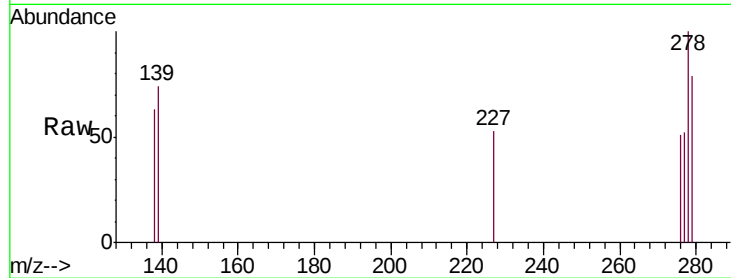
Tgt Ion:278 Resp: 1422

Ion Ratio Lower Upper

278 100

139 73.8 13.1 19.7#

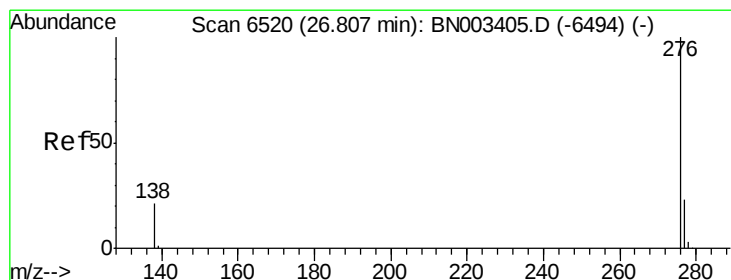
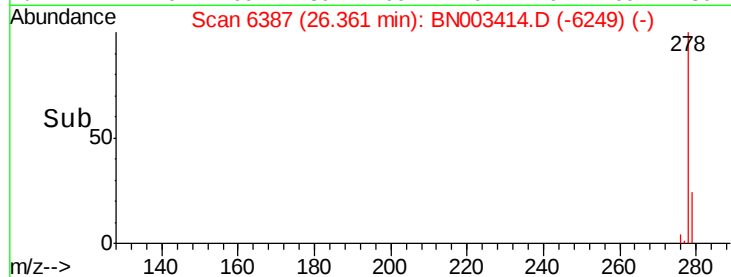
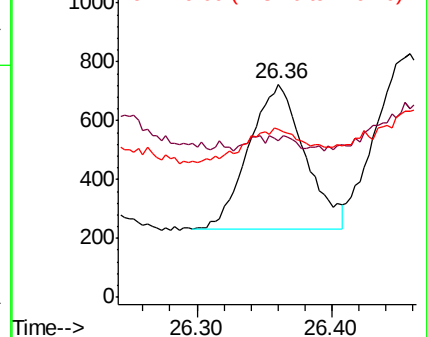
279 79.0 19.5 29.3#



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: 46.689 ng/ul

RT: 27.19 min Scan# 6634

Delta R.T. 0.38 min

Lab File: BN003414.D

Acq: 02 Nov 2018 21:37

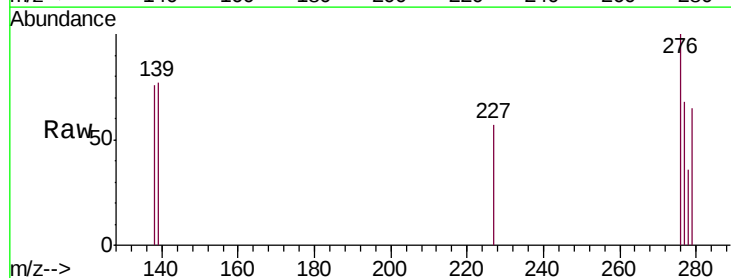
Tgt Ion:276 Resp: 1388

Ion Ratio Lower Upper

276 100

138 76.2 17.0 25.6#

277 68.2 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

