

Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Quant Time: Nov 02 23:52:41 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	9777	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	40996	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	24441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	2739494	0.40	ng/ul	0.10
16) Chrysene-d12	21.54	240	122	0.40	ng/ul	0.13
20) Perylene-d12	23.99	264	749	0.40	ng/ul	0.27

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	18094	0.28	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

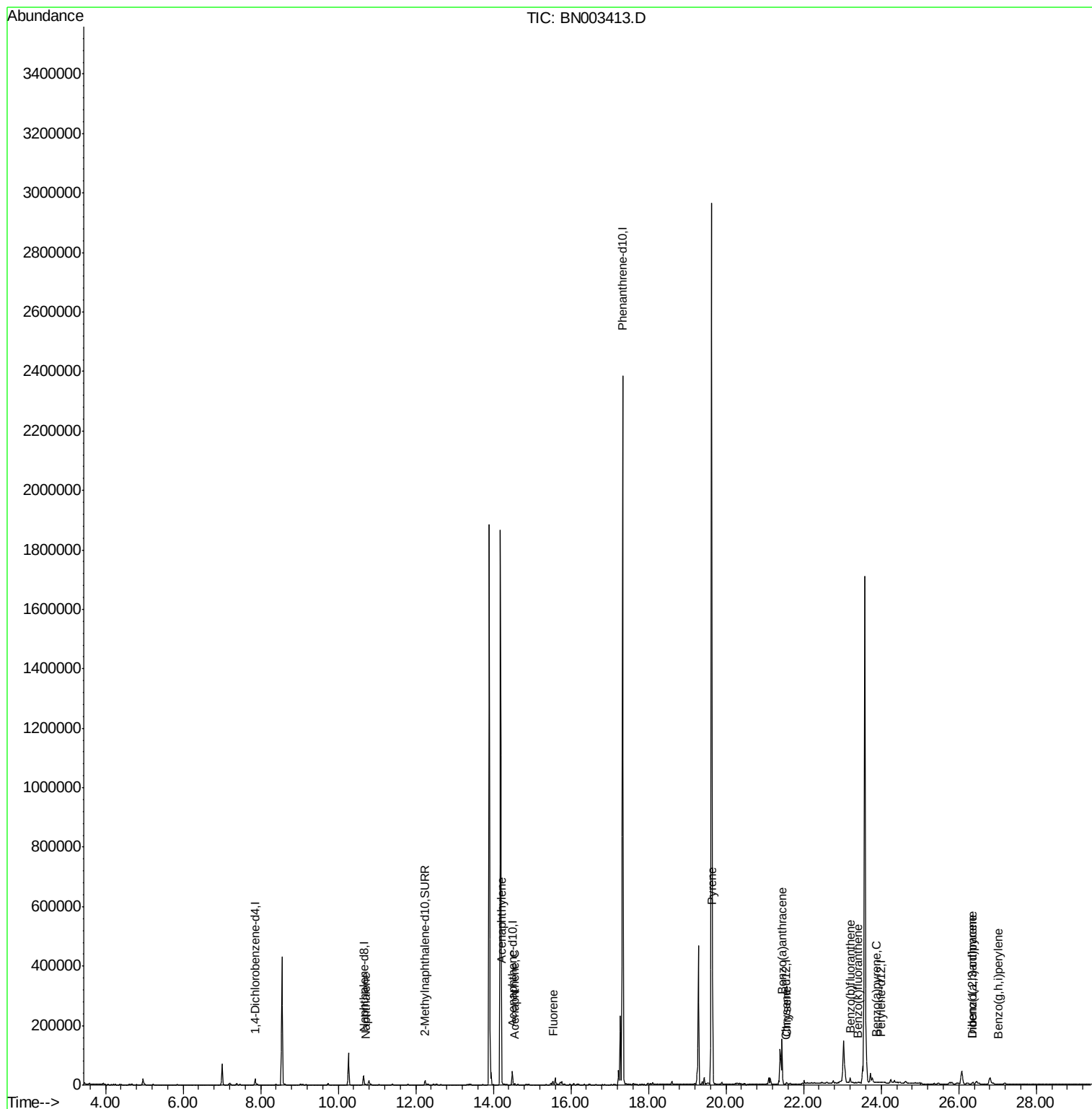
Target Compounds				Qvalue		
3) Naphthalene	10.70	128	3652	0.032	ng/ul#	92
7) Acenaphthylene	14.21	152	17863	0.168	ng/ul	98
8) Acenaphthene	14.55	153	2582	0.027	ng/ul	98
9) Fluorene	15.54	166	7751	0.069	ng/ul#	96
17) Pyrene	19.65	202	289741	652.898	ng/ul	99
18) Benzo(a)anthracene	21.44	228	146721	383.585	ng/ul	94
19) Chrysene	21.56	228	8184	18.826	ng/ul#	51
21) Benzo(b)fluoranthene	23.20	252	23047	7.141	ng/ul#	73
22) Benzo(k)fluoranthene	23.40	252	1537	0.492	ng/ul#	1
23) Benzo(a)pyrene	23.87	252	2701	1.002	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.36	276	2454	0.851	ng/ul#	20
25) Dibenzo(a,h)anthracene	26.36	278	9051	3.849	ng/ul#	74
26) Benzo(g,h,i)perylene	27.03	276	1973	0.797	ng/ul#	1

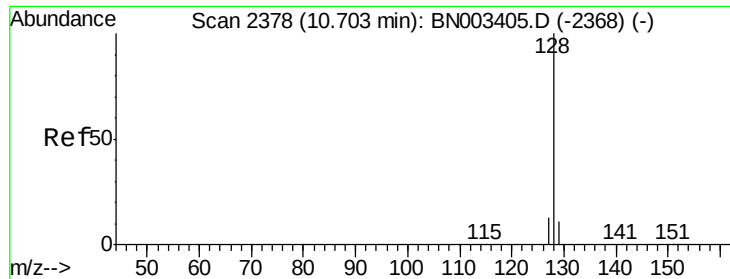
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

Instrument :

BNA_N

ClientSampleId :

A40H9

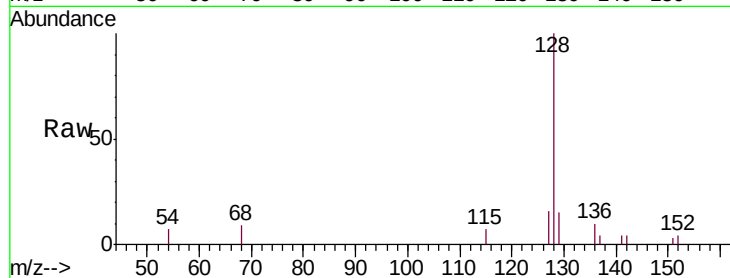
Tgt Ion:128 Resp: 3652

Ion Ratio Lower Upper

128 100

129 15.0 9.0 13.6#

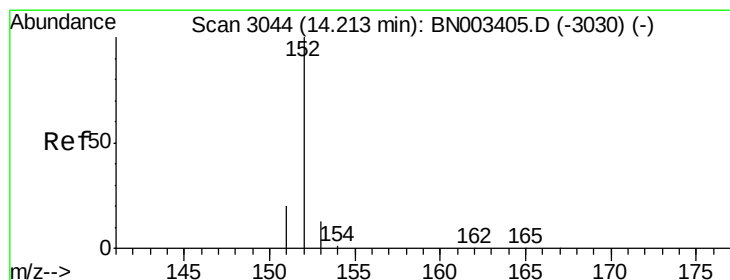
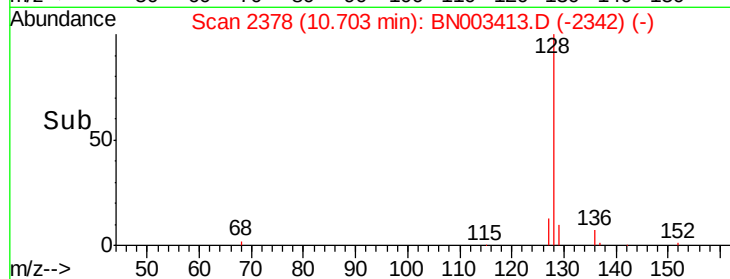
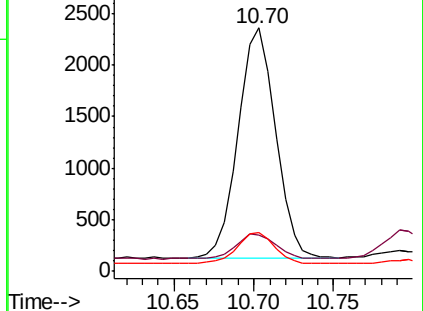
127 15.8 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.168 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. -0.00 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

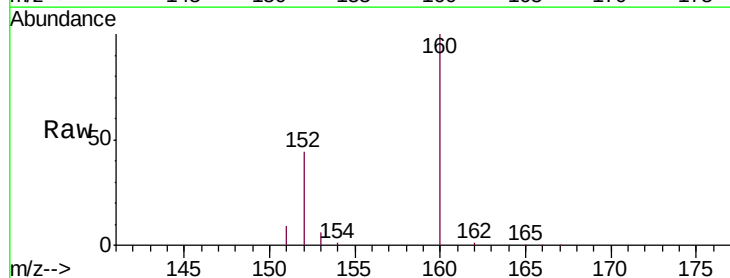
Tgt Ion:152 Resp: 17863

Ion Ratio Lower Upper

152 100

151 20.1 15.6 23.4

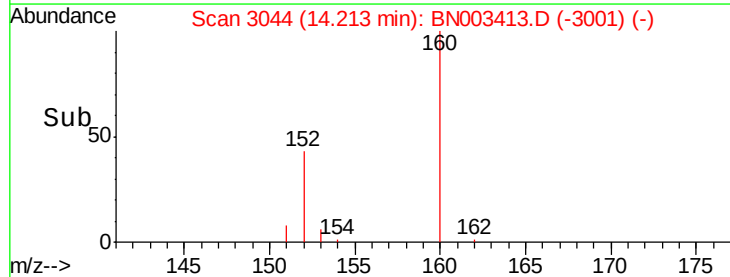
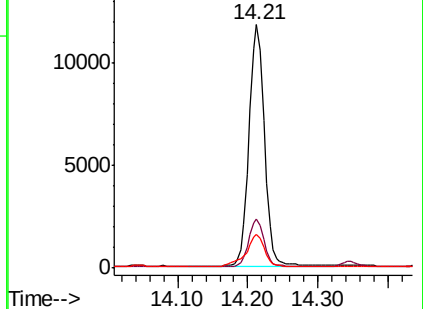
153 14.0 10.4 15.6

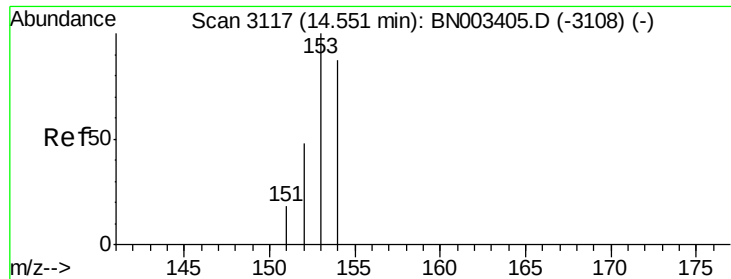


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

Instrument :

BNA_N

ClientSampleId :

A40H9

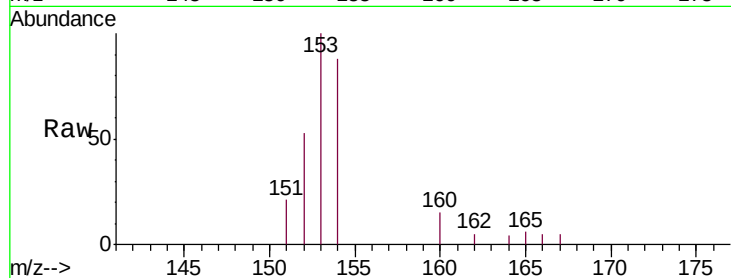
Tgt Ion:153 Resp: 2582

Ion Ratio Lower Upper

153 100

152 52.7 39.5 59.3

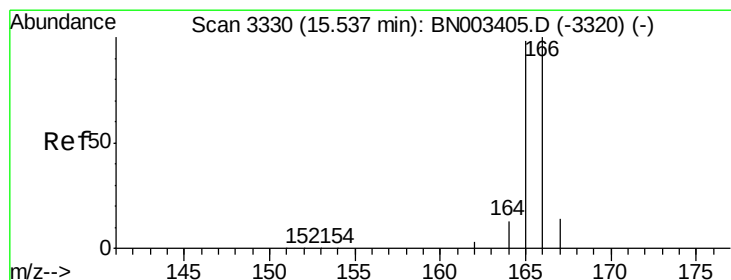
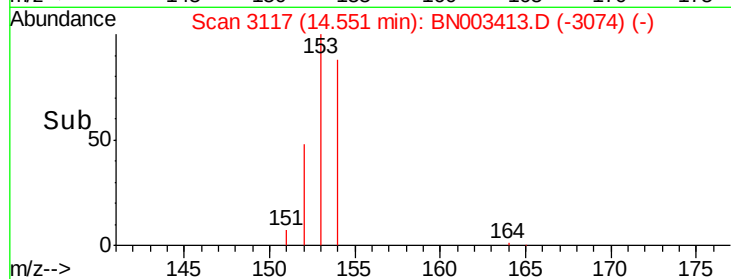
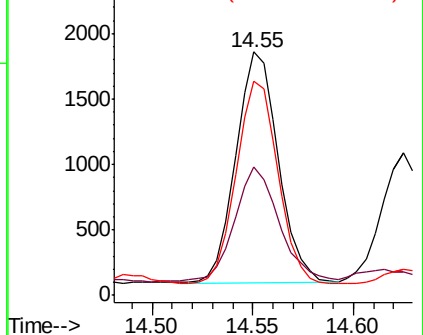
154 87.9 70.3 105.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.069 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

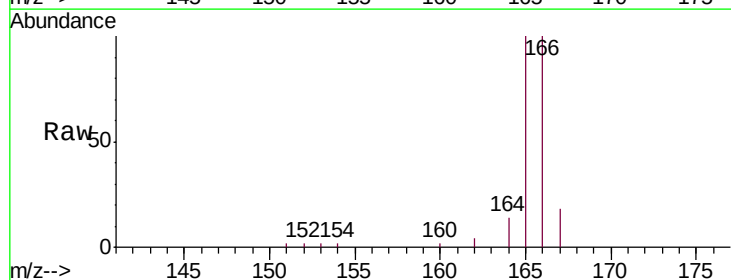
Tgt Ion:166 Resp: 7751

Ion Ratio Lower Upper

166 100

165 100.5 78.3 117.5

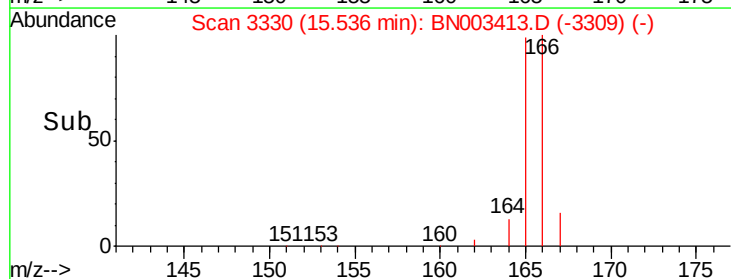
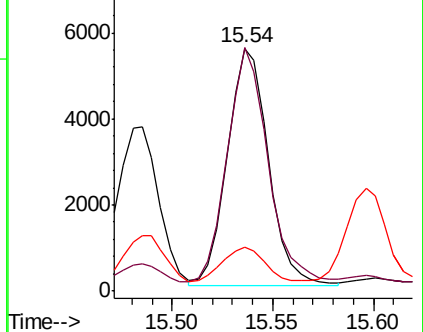
167 17.9 10.8 16.2#

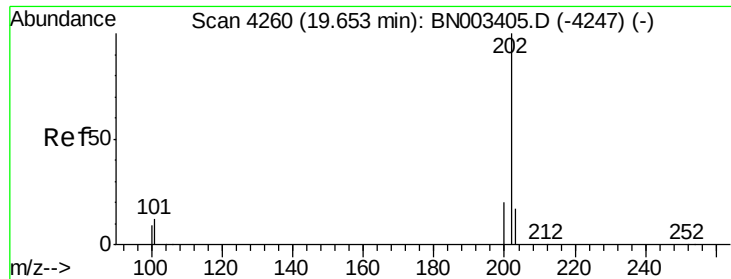


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pyrene

Concen: 652.898 ng/ul

RT: 19.65 min Scan# 4260

Delta R.T. -0.00 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

Instrument :

BNA_N

ClientSampleId :

A40H9

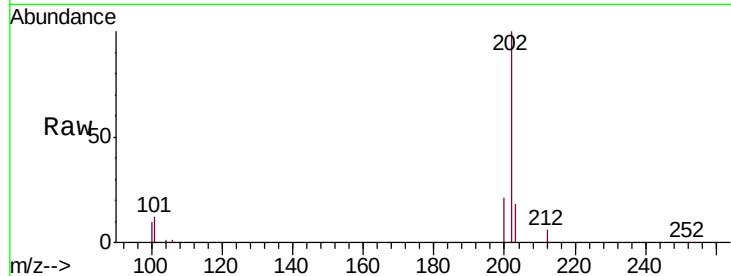
Tgt Ion:202 Resp: 289741

Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

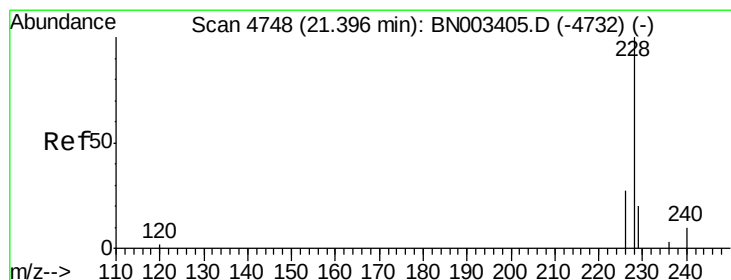
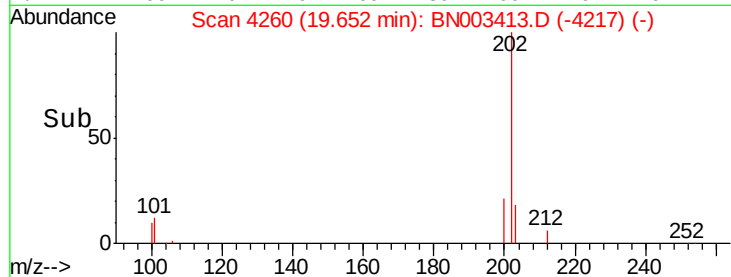
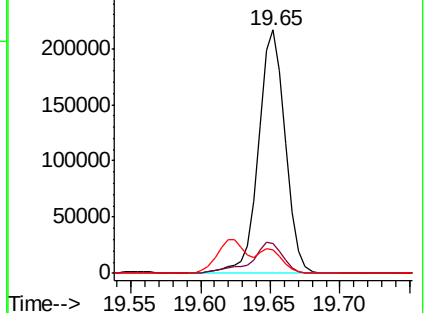
100 9.7 7.5 11.3



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: 383.585 ng/ul

RT: 21.44 min Scan# 4765

Delta R.T. 0.05 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

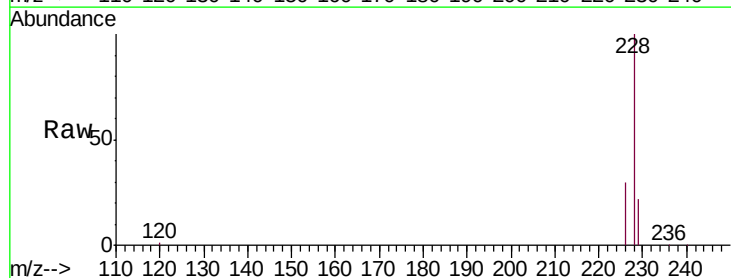
Tgt Ion:228 Resp: 146721

Ion Ratio Lower Upper

228 100

229 21.8 15.5 23.3

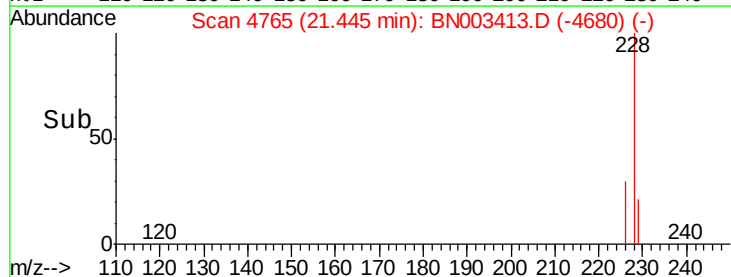
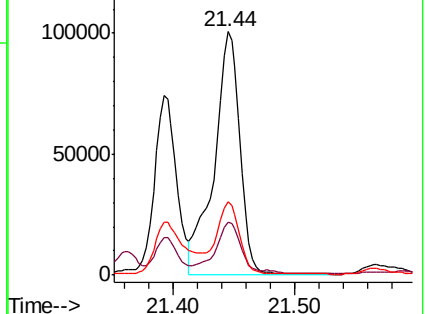
226 30.0 21.5 32.3

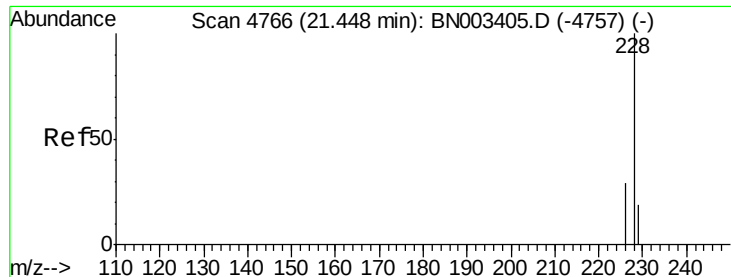


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 18.826 ng/ul

RT: 21.56 min Scan# 4806

Delta R.T. 0.12 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

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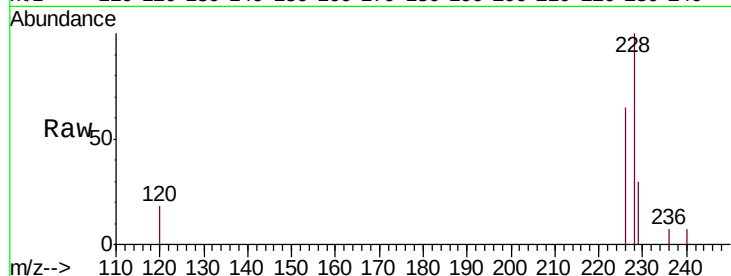
Tgt Ion:228 Resp: 8184

Ion Ratio Lower Upper

228 100

226 64.6 23.8 35.6#

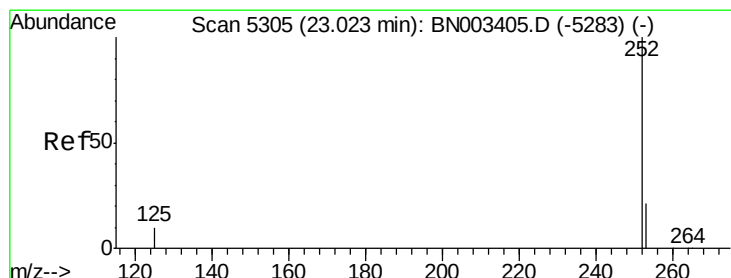
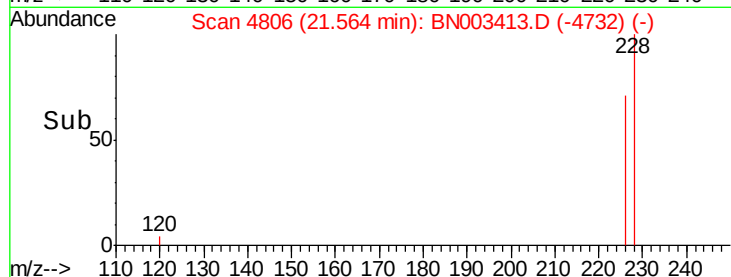
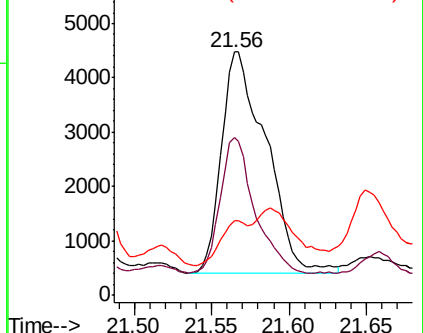
229 30.5 15.5 23.3#



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: 7.141 ng/ul

RT: 23.20 min Scan# 5366

Delta R.T. 0.18 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

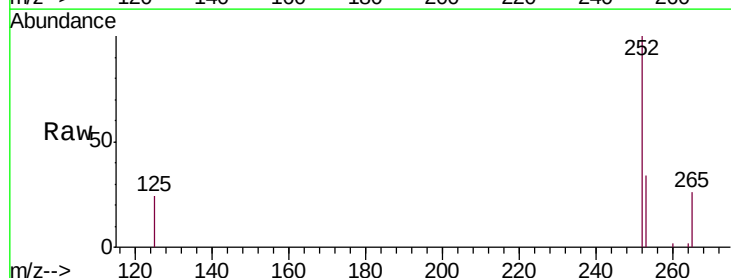
Tgt Ion:252 Resp: 23047

Ion Ratio Lower Upper

252 100

253 34.0 0.0 45.6

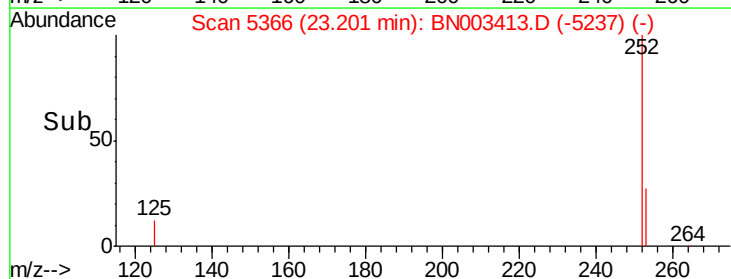
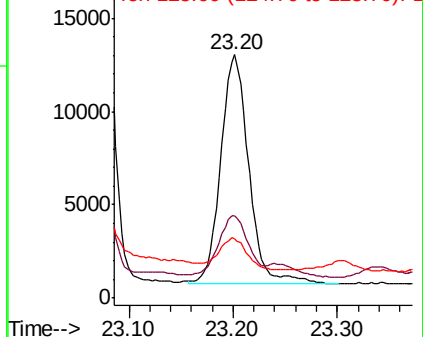
125 24.1 0.0 21.8#

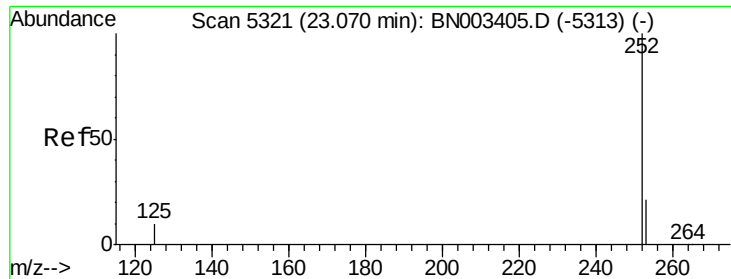


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.492 ng/ul

RT: 23.40 min Scan# 5435

Delta R.T. 0.33 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

Instrument :

BNA_N

ClientSampleId :

A40H9

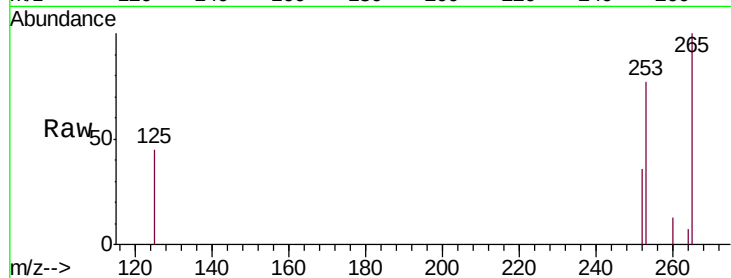
Tgt Ion:252 Resp: 1537

Ion Ratio Lower Upper

252 100

253 214.9 18.2 27.4#

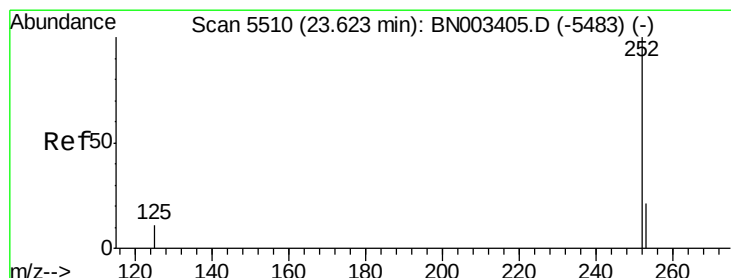
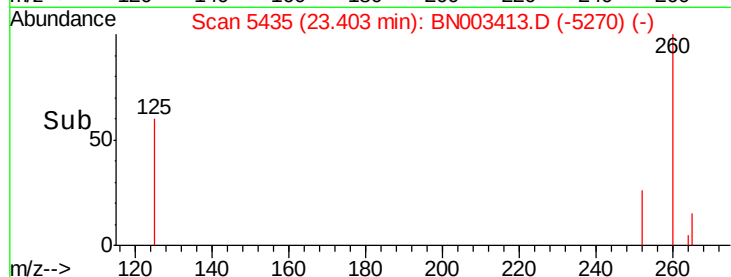
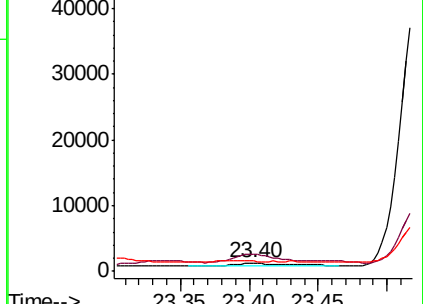
125 125.5 8.6 13.0#



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: 1.002 ng/ul

RT: 23.87 min Scan# 5596

Delta R.T. 0.25 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

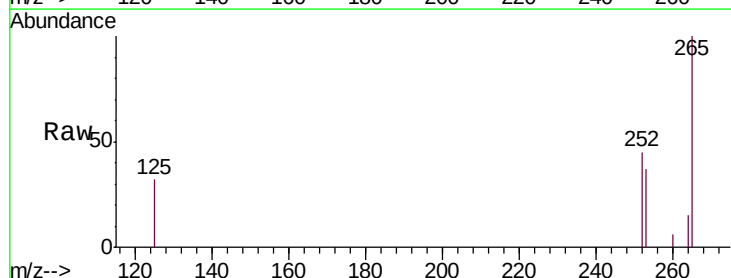
Tgt Ion:252 Resp: 2701

Ion Ratio Lower Upper

252 100

253 83.2 18.5 27.7#

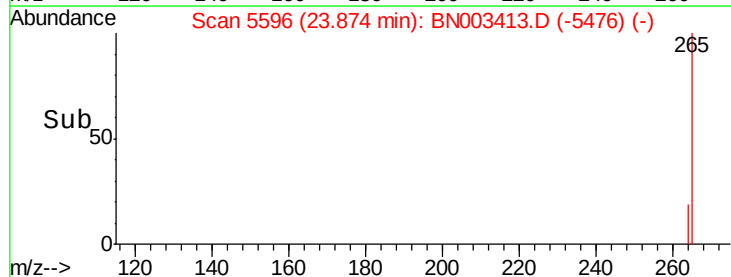
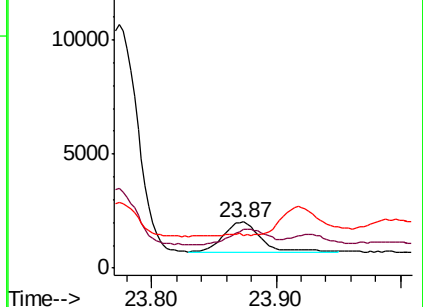
125 71.3 9.9 14.9#

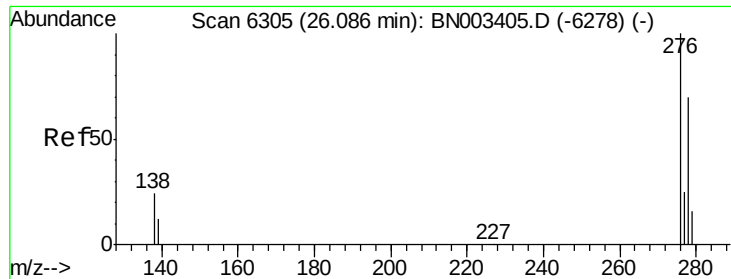


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.851 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.27 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

Instrument :

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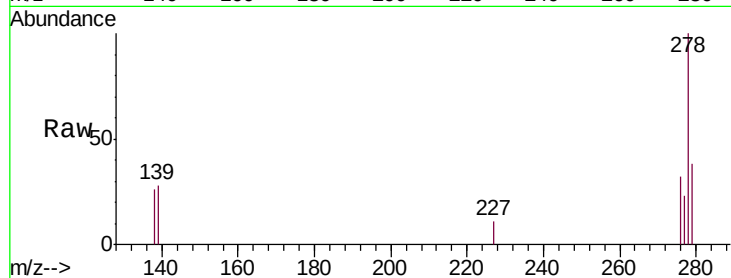
Tgt Ion:276 Resp: 2454

Ion Ratio Lower Upper

276 100

138 65.0 19.8 29.8#

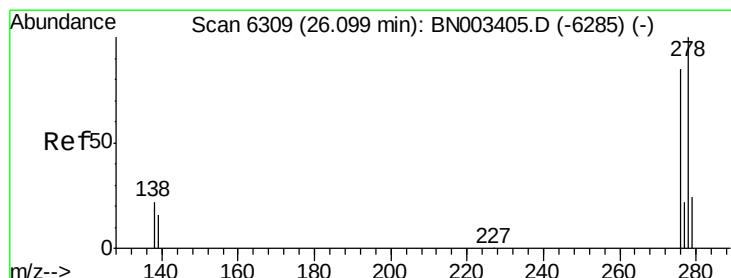
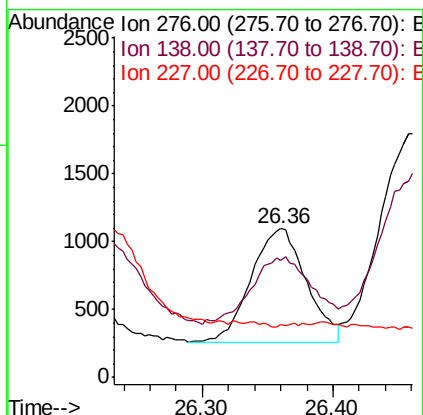
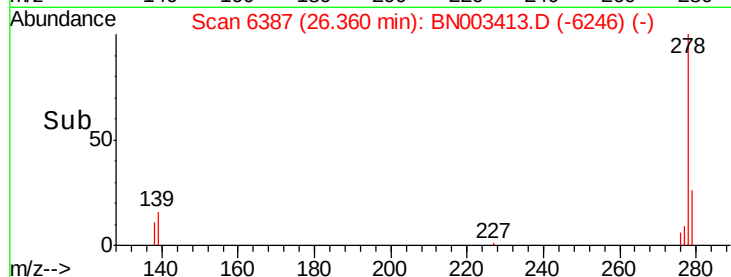
227 0.0 0.2 0.2#



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: 3.849 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.26 min

Lab File: BN003413.D

Acq: 02 Nov 2018 21:01

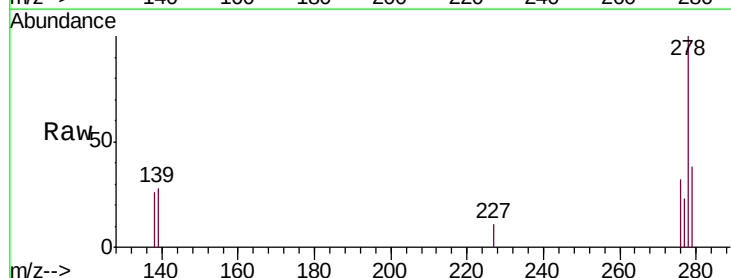
Tgt Ion:278 Resp: 9051

Ion Ratio Lower Upper

278 100

139 27.6 13.1 19.7#

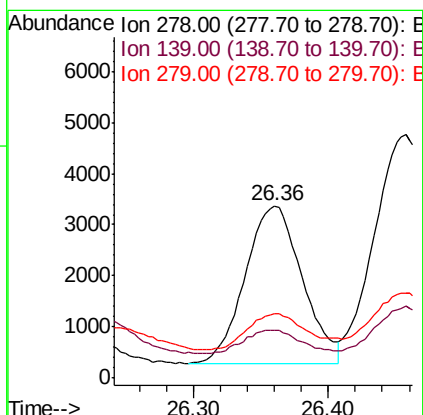
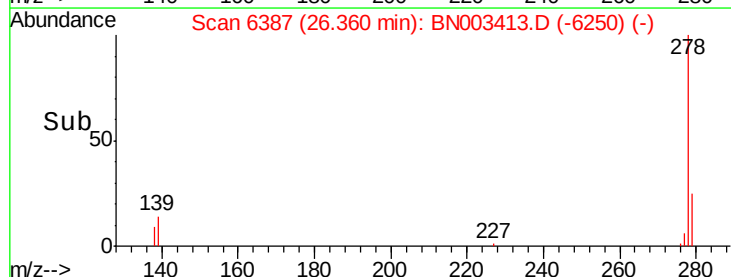
279 37.6 19.5 29.3#

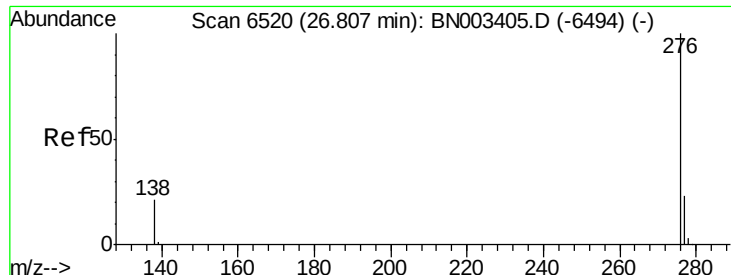


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.797 ng/ul

RT: 27.03 min Scan# 6588

Delta R.T. 0.23 min

Lab File: BN003413.D

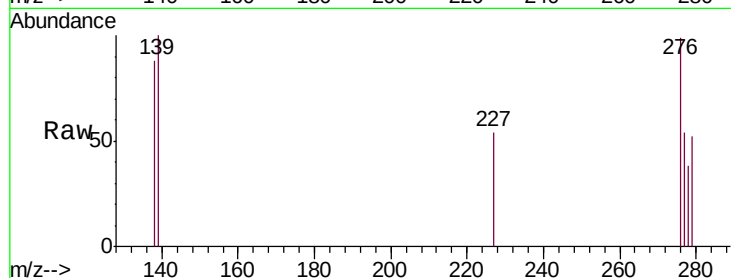
Acq: 02 Nov 2018 21:01

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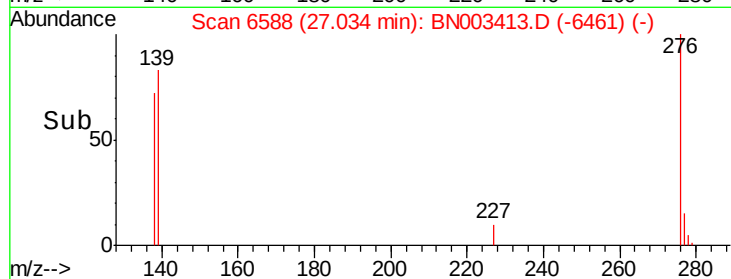
Tgt Ion: 276 Resp: 1973

Ion Ratio Lower Upper

276 100

138 89.1 17.0 25.6#

277 54.7 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

