

Data File : BN003389.D
Acq On : 01 Nov 2018 21:20
Operator : MJ/SJ
Sample : J5635-29MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H7MSD

Quant Time: Nov 02 04:52:48 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 04:49:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11270	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	47397	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26820	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	65487	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	64545	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	55853	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	21049	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	55988	0.30	ng/ul	0.00

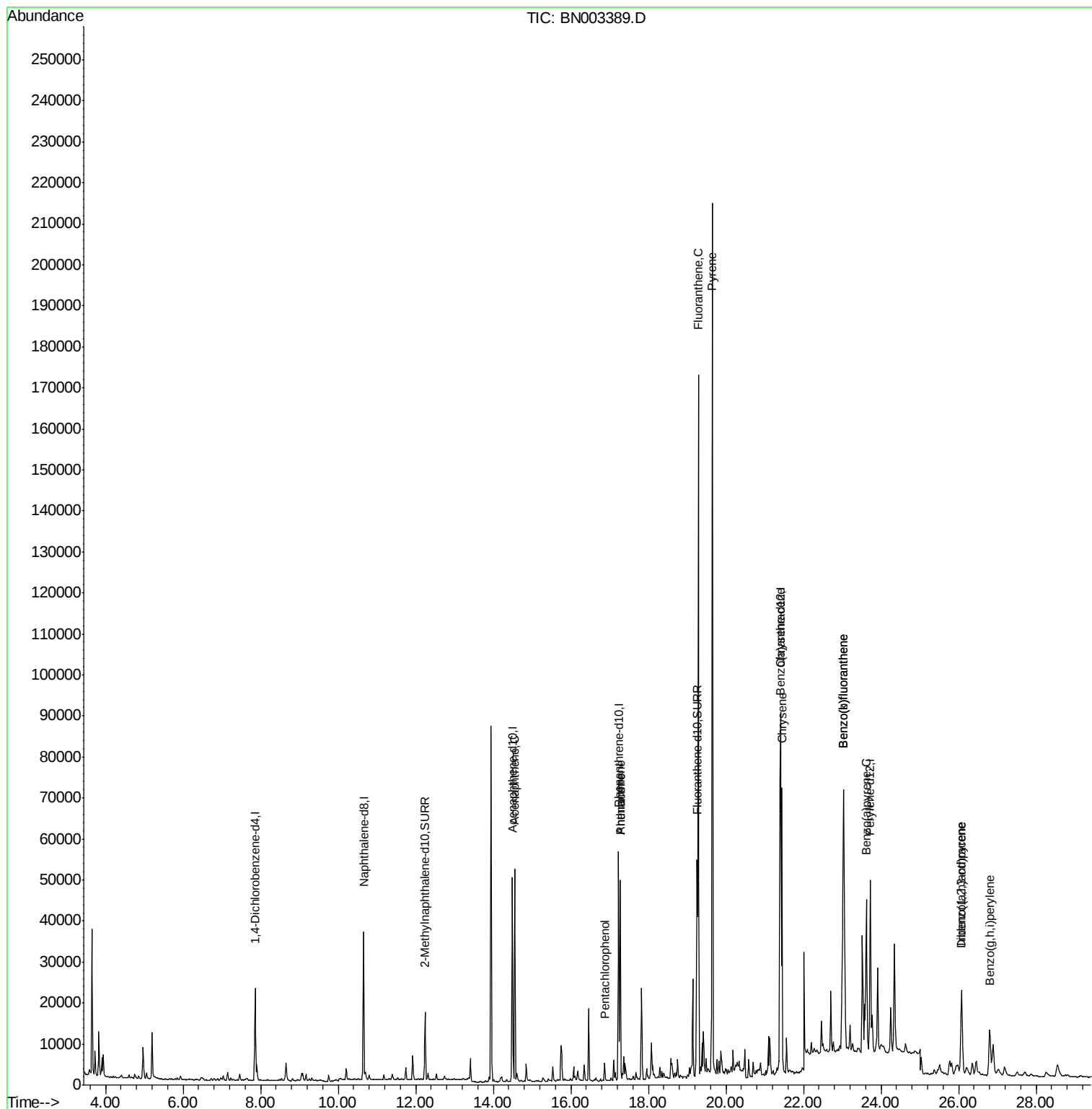
Target Compounds				Qvalue		
8) Acenaphthene	14.55	153	29392	0.282	ng/ul	98
11) Pentachlorophenol	16.87	266	2860	0.218	ng/ul	99
12) Phenanthrene	17.27	178	49471	0.230	ng/ul	99
13) Anthracene	17.27	178	31663	0.181	ng/ul	99
15) Fluoranthene	19.29	202	135678	0.562	ng/ul	97
17) Pyrene	19.65	202	183947	0.783	ng/ul	100
18) Benzo(a)anthracene	21.39	228	53544	0.265	ng/ul	97
19) Chrysene	21.45	228	67198	0.292	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	117777	0.489	ng/ul#	78
22) Benzo(k)fluoranthene	23.02	252	117777	0.505	ng/ul#	78
23) Benzo(a)pyrene	23.62	252	51382	0.256	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	26.08	276	33269	0.155	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.09	278	7885	0.045	ng/ul#	27
26) Benzo(g,h,i)perylene	26.81	276	26992	0.146	ng/ul#	92

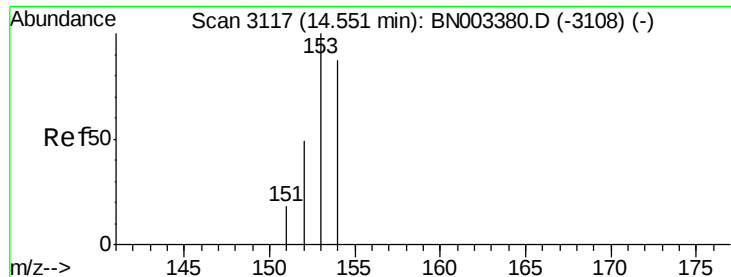
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.282 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

Instrument :

BNA_N

ClientSampleId :

A40H7MSD

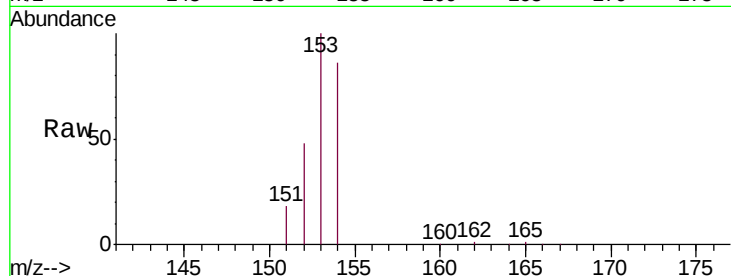
Tgt Ion:153 Resp: 29392

Ion Ratio Lower Upper

153 100

152 48.2 39.5 59.3

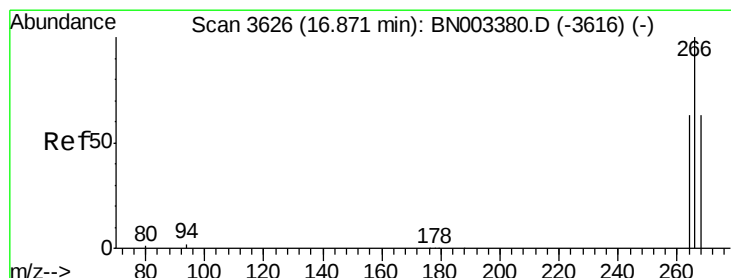
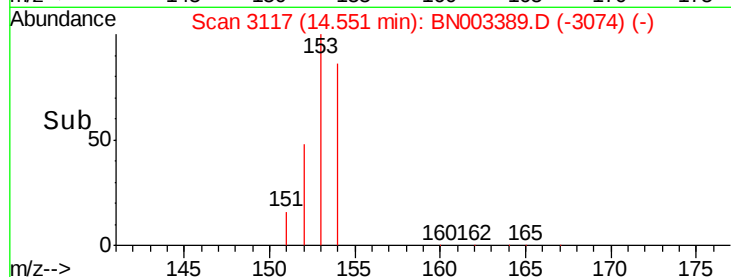
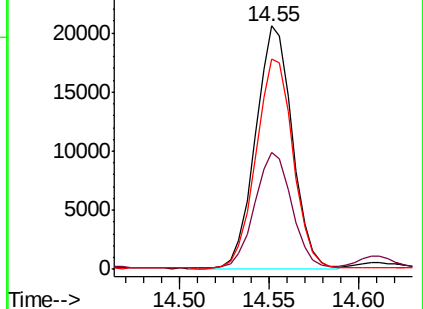
154 86.5 70.3 105.5



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



#11

Pentachlorophenol

Concen: 0.218 ng/ul

RT: 16.87 min Scan# 3627

Delta R.T. 0.00 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

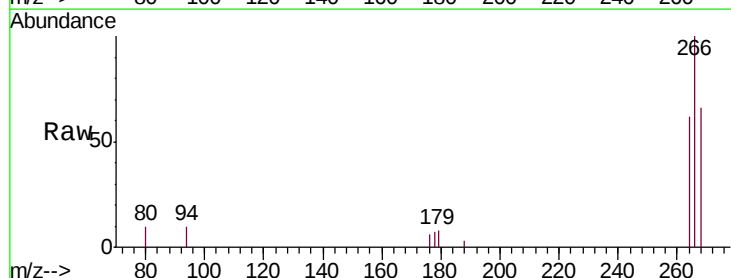
Tgt Ion:266 Resp: 2860

Ion Ratio Lower Upper

266 100

264 61.5 50.2 75.4

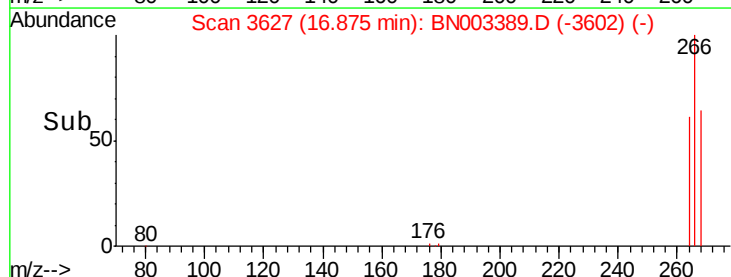
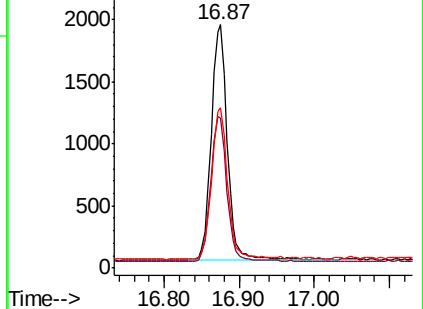
268 62.4 50.7 76.1

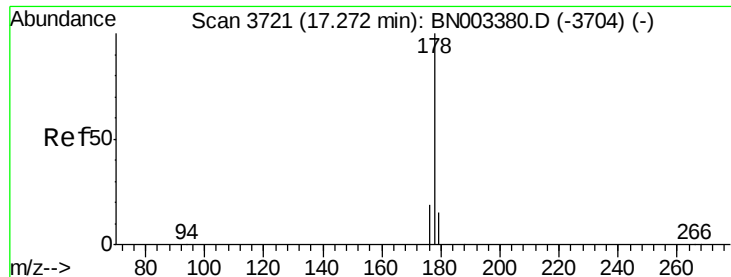


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.230 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

Instrument :

BNA_N

ClientSampleId :

A40H7MSD

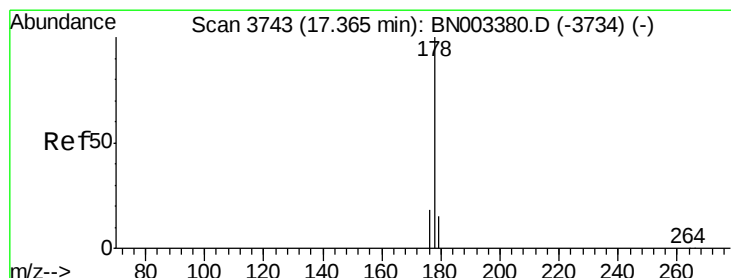
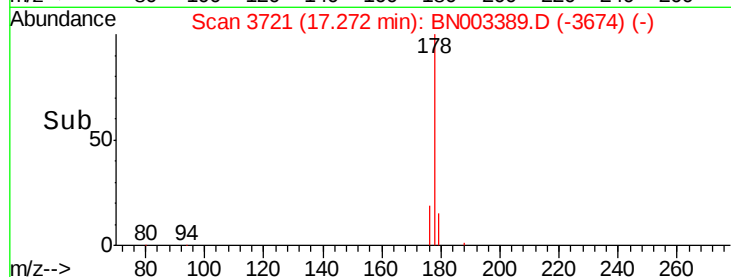
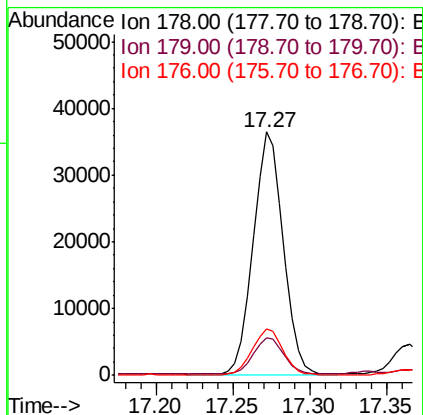
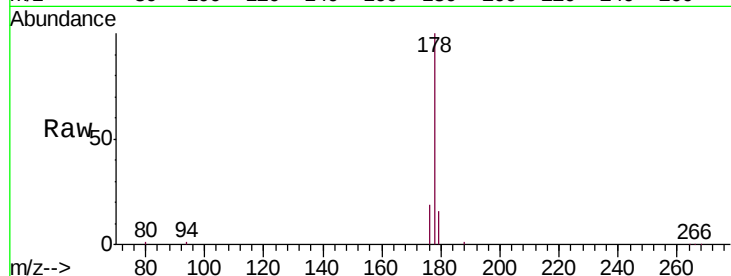
Tgt Ion:178 Resp: 49471

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.2 15.0 22.4



#13

Anthracene

Concen: 0.181 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.09 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

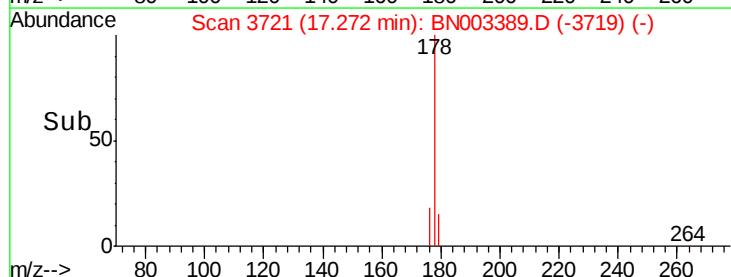
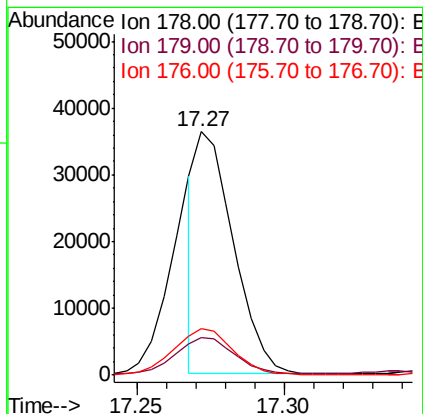
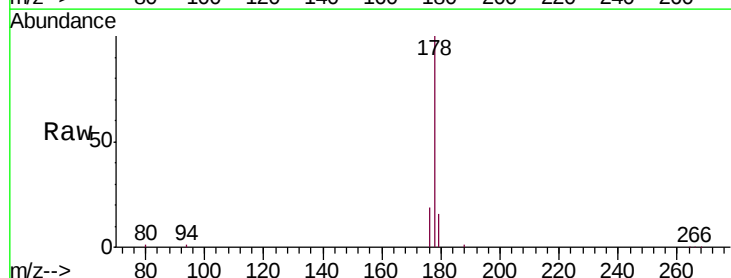
Tgt Ion:178 Resp: 31663

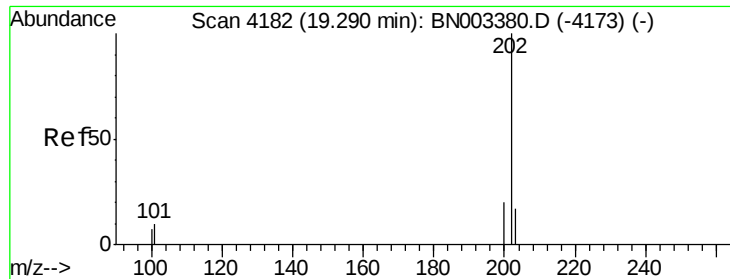
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.2 14.7 22.1

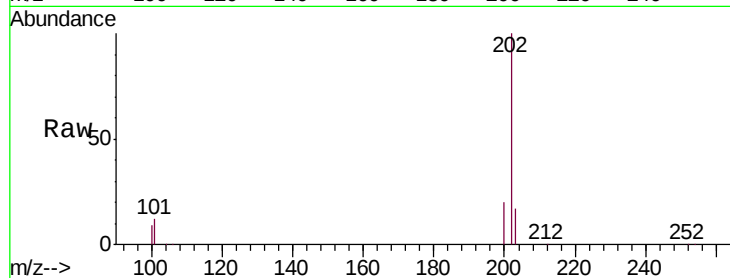




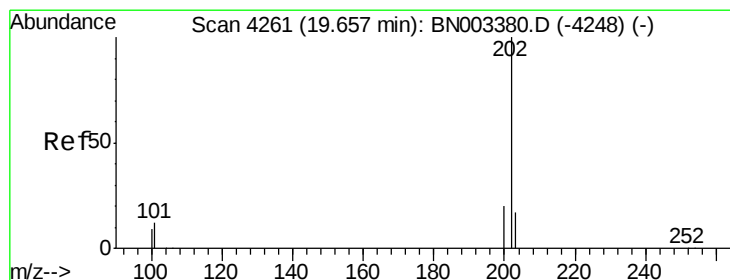
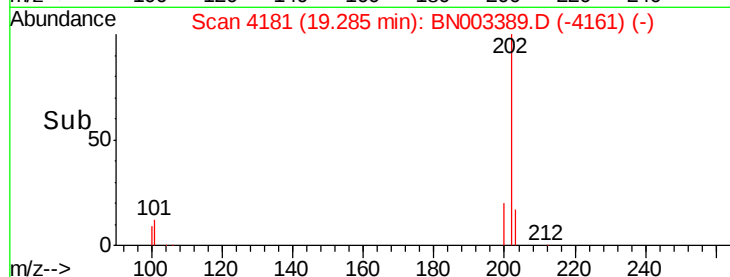
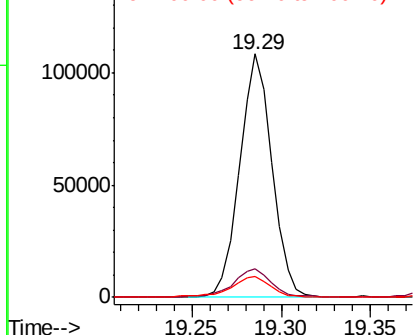
#15
Fluoranthene
 Concen: 0.562 ng/ul
 RT: 19.29 min Scan# 4181
 Delta R.T. -0.00 min
 Lab File: BN003389.D
 Acq: 01 Nov 2018 21:20

Instrument :
 BNA_N
 ClientSampleId :
 A40H7MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.7
100	8.7	0.0	28.0



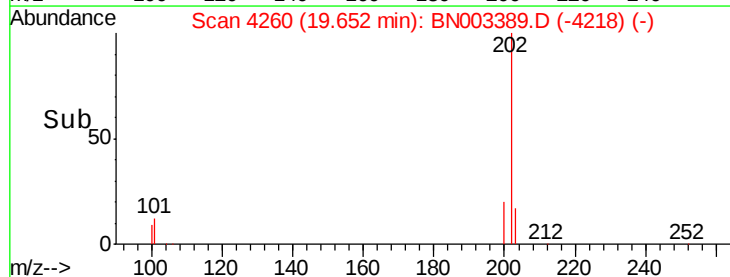
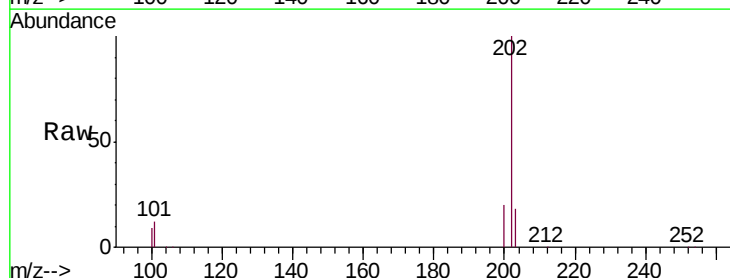
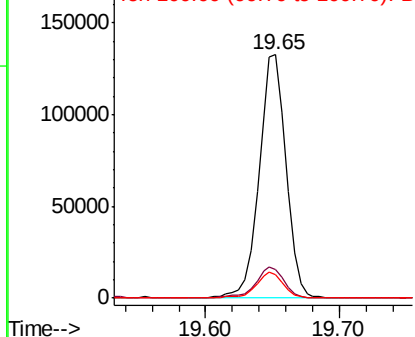
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

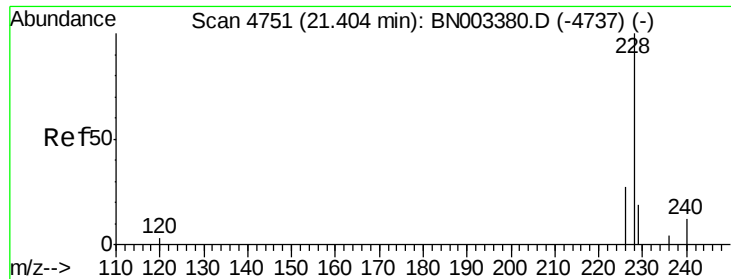


#17
Pyrene
 Concen: 0.783 ng/ul
 RT: 19.65 min Scan# 4260
 Delta R.T. -0.00 min
 Lab File: BN003389.D
 Acq: 01 Nov 2018 21:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.5	14.3
100	9.4	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: 0.265 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. -0.01 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

Instrument :

BNA_N

ClientSampleId :

A40H7MSD

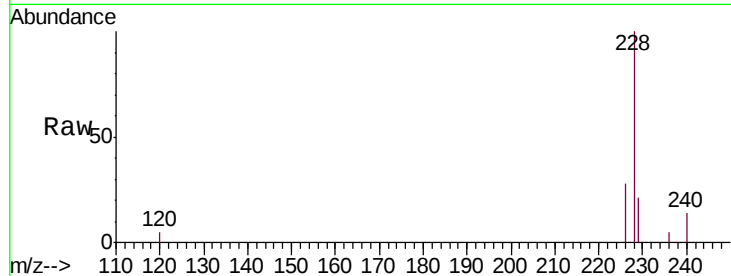
Tgt Ion:228 Resp: 53544

Ion Ratio Lower Upper

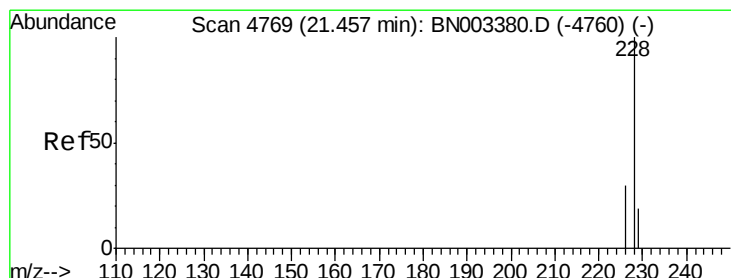
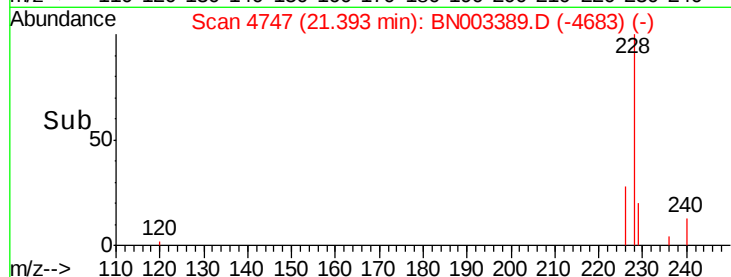
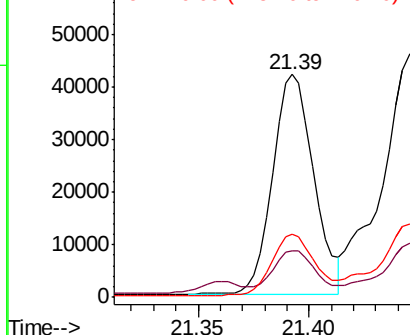
228 100

229 21.1 15.5 23.3

226 28.1 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: 0.292 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

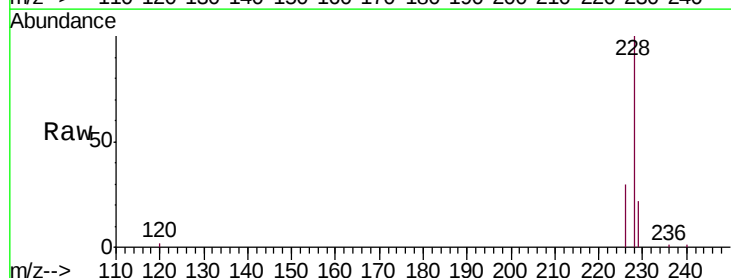
Tgt Ion:228 Resp: 67198

Ion Ratio Lower Upper

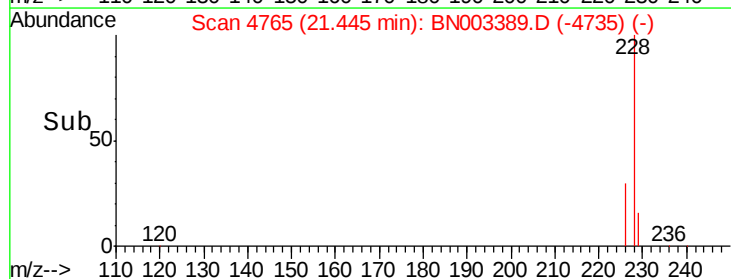
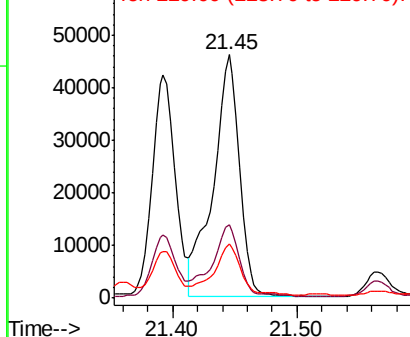
228 100

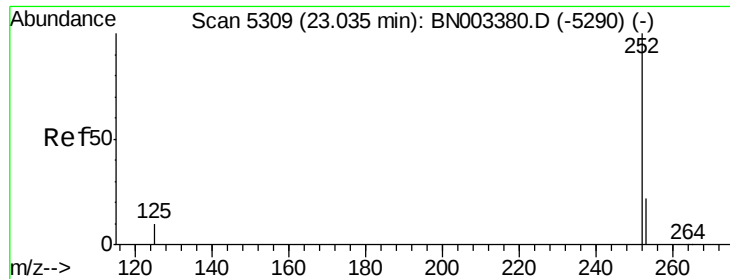
226 30.1 23.8 35.6

229 22.2 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: 0.489 ng/u1

RT: 23.02 min Scan# 5305

Delta R.T. -0.01 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

Instrument :

BNA_N

ClientSampleId :

A40H7MSD

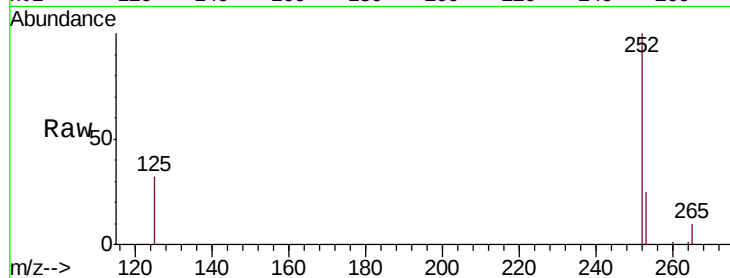
Tgt Ion:252 Resp: 117777

Ion Ratio Lower Upper

252 100

253 25.2 0.0 45.6

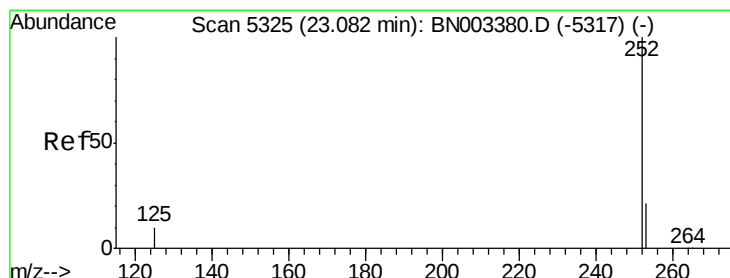
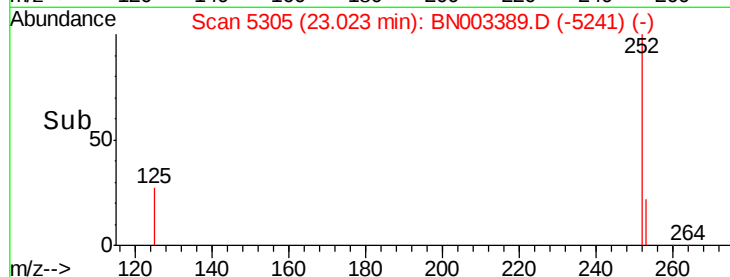
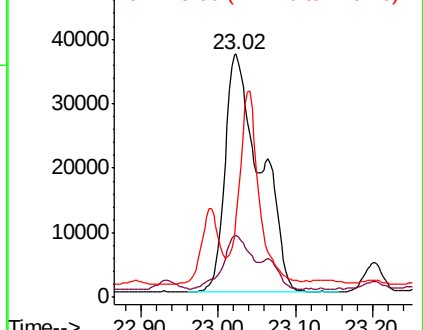
125 32.5 0.0 21.8#



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: 0.505 ng/u1

RT: 23.02 min Scan# 5305

Delta R.T. -0.06 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

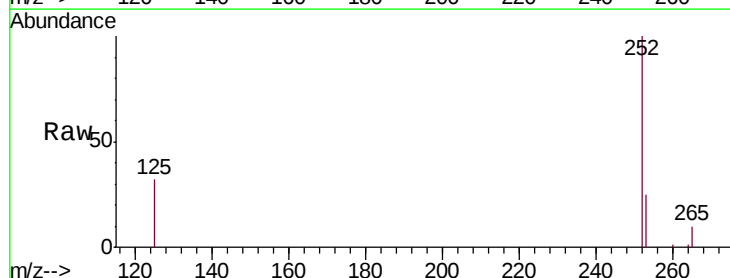
Tgt Ion:252 Resp: 117777

Ion Ratio Lower Upper

252 100

253 25.2 18.2 27.4

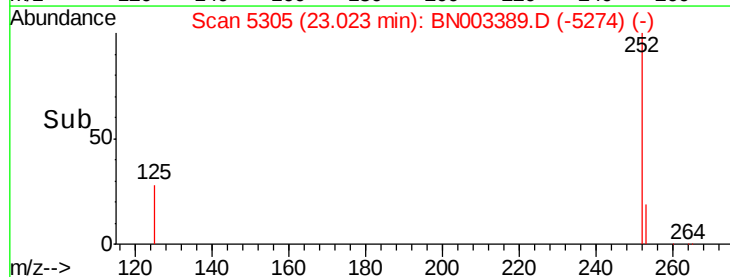
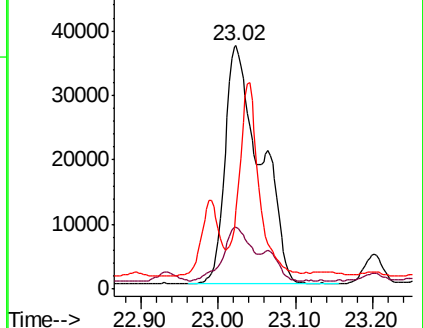
125 32.5 8.6 13.0#

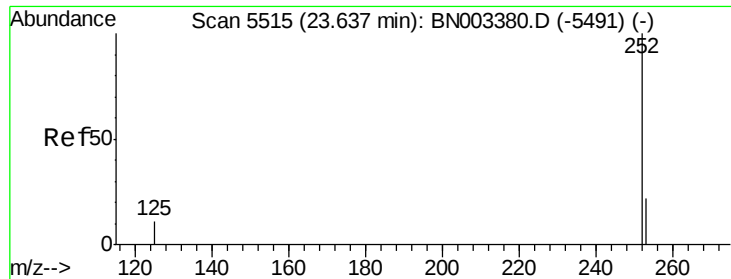


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.256 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. -0.02 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

Instrument :

BNA_N

ClientSampleId :

A40H7MSD

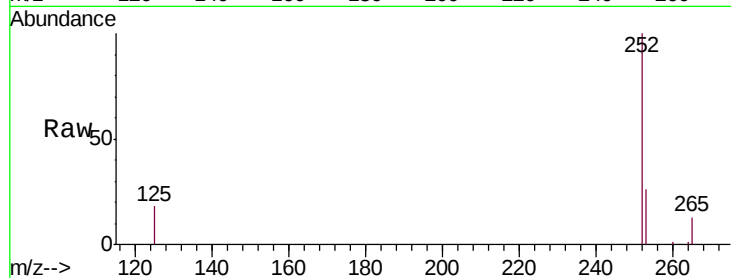
Tgt Ion:252 Resp: 51382

Ion Ratio Lower Upper

252 100

253 25.9 18.5 27.7

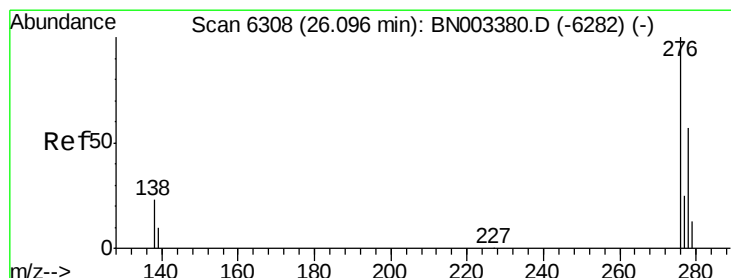
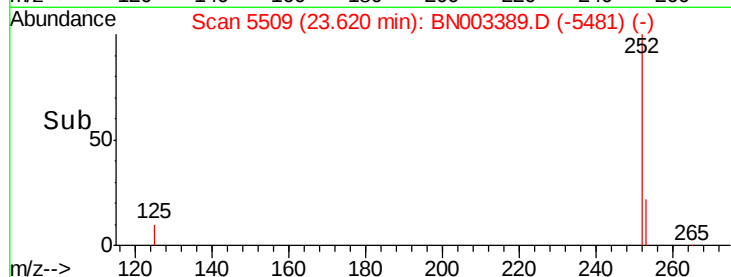
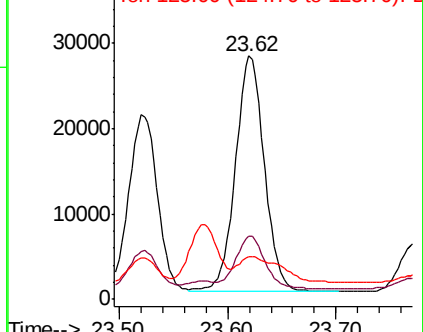
125 17.6 9.9 14.9#



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: 0.155 ng/u1

RT: 26.08 min Scan# 6302

Delta R.T. -0.02 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

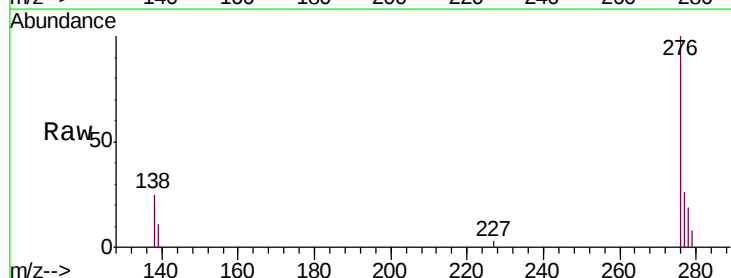
Tgt Ion:276 Resp: 33269

Ion Ratio Lower Upper

276 100

138 24.3 19.8 29.8

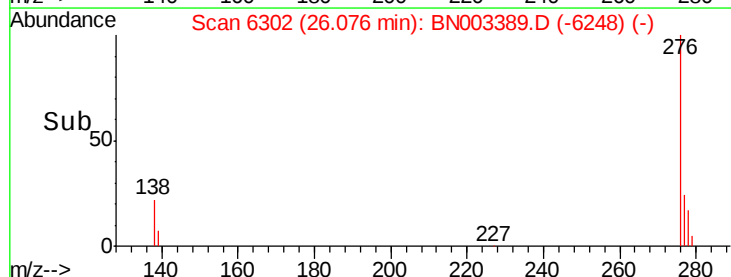
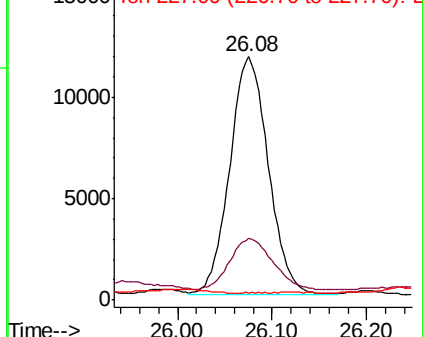
227 0.1 0.2 0.2#

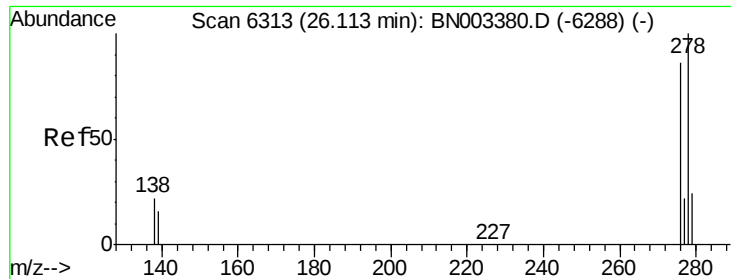


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

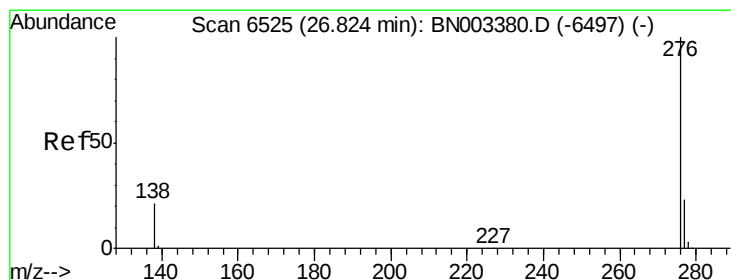
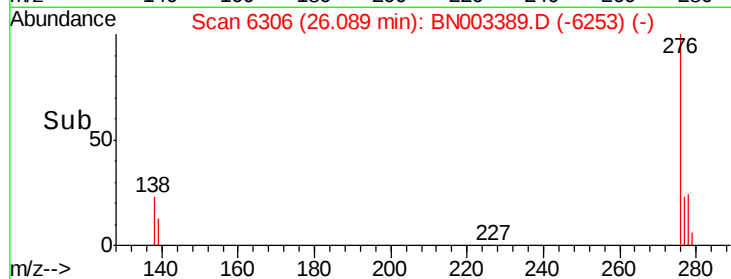
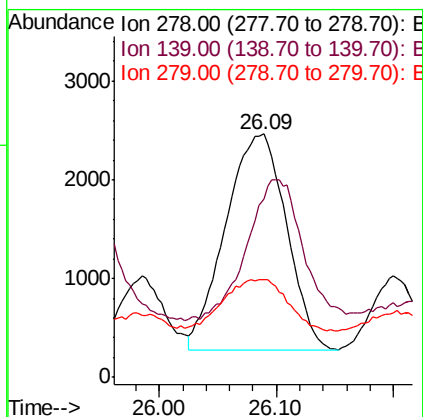
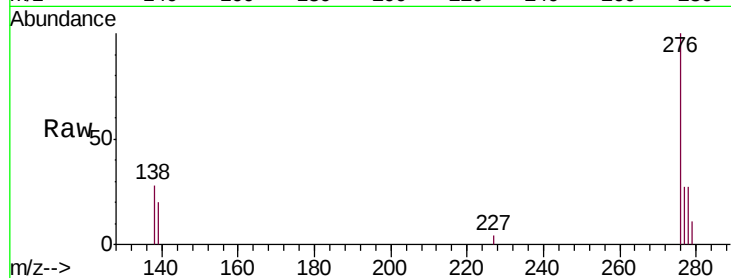




#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/u1
RT: 26.09 min Scan# 6306
Delta R.T. -0.02 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Instrument :
BNA_N
ClientSampleId :
A40H7MSD

Tgt Ion: 278 Resp: 7885
Ion Ratio Lower Upper
278 100
139 73.5 13.1 19.7#
279 40.1 19.5 29.3#



#26
Benzo(g,h,i)perylene
Concen: 0.146 ng/u1
RT: 26.81 min Scan# 6520
Delta R.T. -0.02 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Tgt Ion: 276 Resp: 26992
Ion Ratio Lower Upper
276 100
138 25.8 17.0 25.6#
277 26.9 19.2 28.8

