

Data File : BN003799.D
Acq On : 11 Dec 2018 03:39
Operator : JU/SJ
Sample : J6077-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y03

Quant Time: Dec 11 04:28:01 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

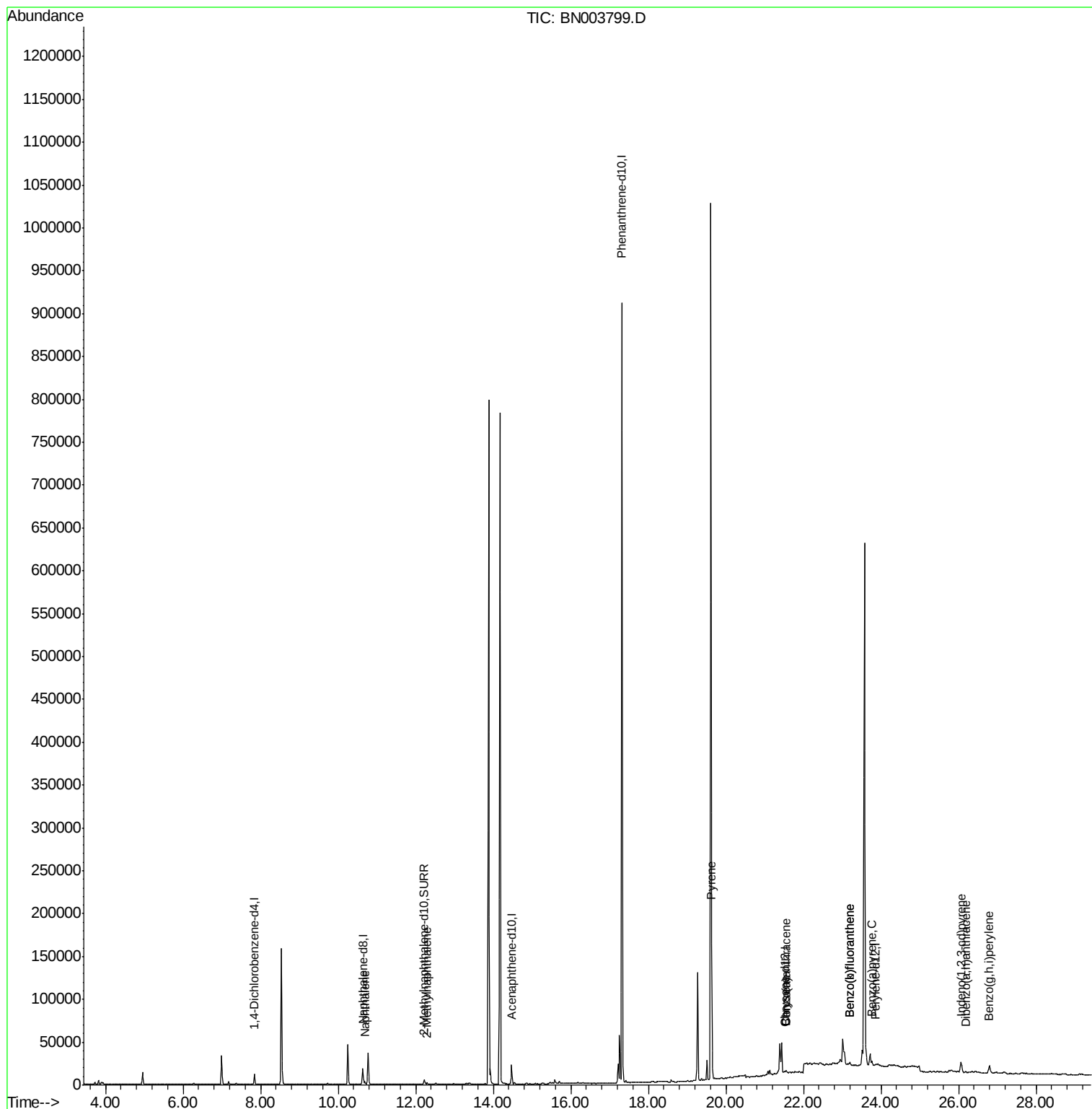
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5772	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	23552	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12548	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	1049504	0.40	ng/ul	0.11
16) Chrysene-d12	21.52	240	1992	0.40	ng/ul	0.12
20) Perylene-d12	23.86	264	191	0.40	ng/ul	0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6866	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	91	0.00	ng/ul	0.10
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	4095	0.062	ng/ul#	93
5) 2-Methylnaphthalene	12.29	142	1160	0.025	ng/ul	99
17) Pyrene	19.64	202	85422	11.956	ng/ul	98
18) Benzo(a)anthracene	21.56	228	2090	0.332	ng/ul#	1
19) Chrysene	21.56	228	2016	0.280	ng/ul#	1
21) Benzo(b)fluoranthene	23.19	252	4397	5.565	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	4397	5.712	ng/ul#	1
23) Benzo(a)pyrene	23.76	252	6077	8.882	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.07	276	20747	26.443	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.18	278	1391	2.203	ng/ul#	1
26) Benzo(g,h,i)perylene	26.79	276	17357	25.454	ng/ul#	55

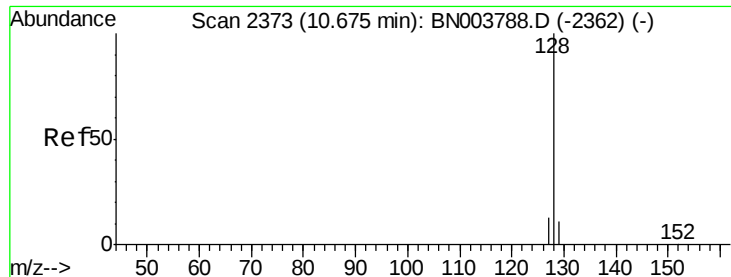
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.062 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

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BNA_N

ClientSampleId :

F9Y03

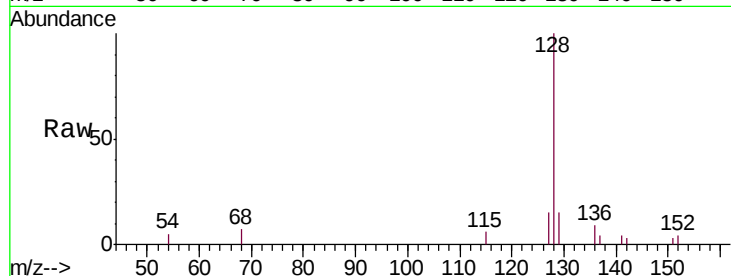
Tgt Ion:128 Resp: 4095

Ion Ratio Lower Upper

128 100

129 14.8 9.0 13.6#

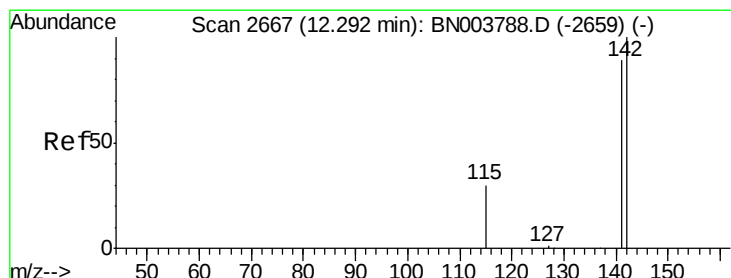
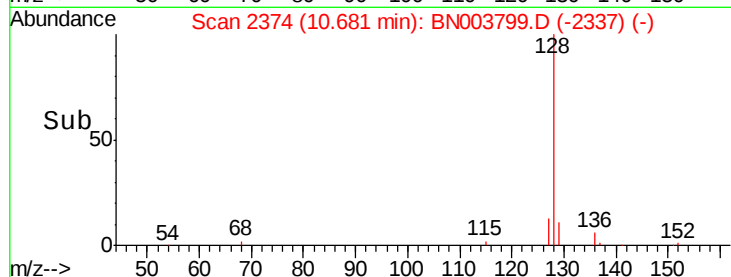
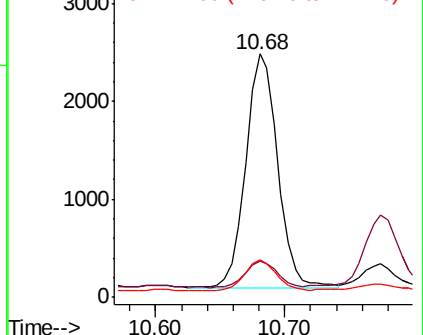
127 15.2 10.5 15.7



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



#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003799.D

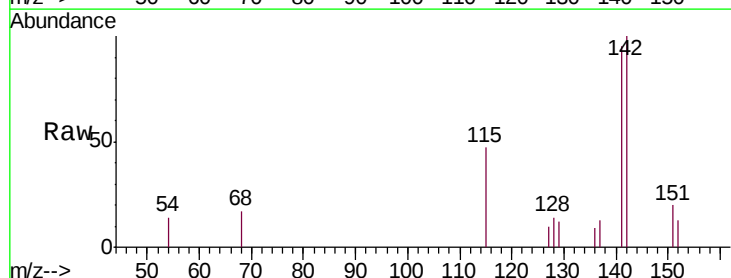
Acq: 11 Dec 2018 03:39

Tgt Ion:142 Resp: 1160

Ion Ratio Lower Upper

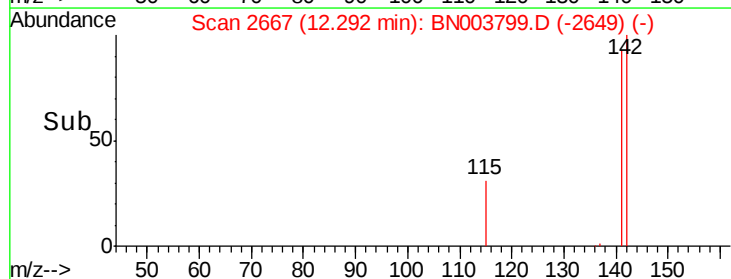
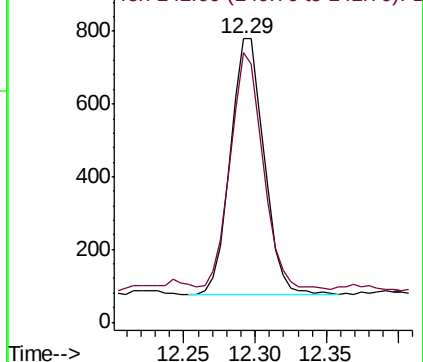
142 100

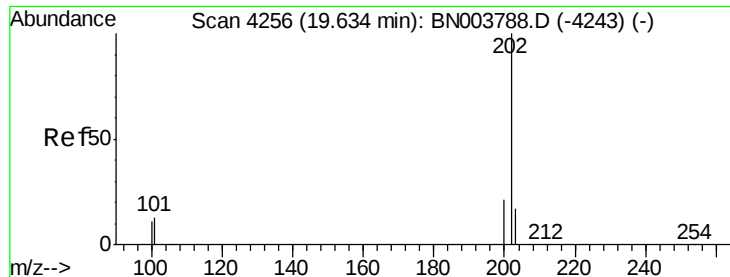
141 90.7 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pyrene

Concen: 11.956 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

F9Y03

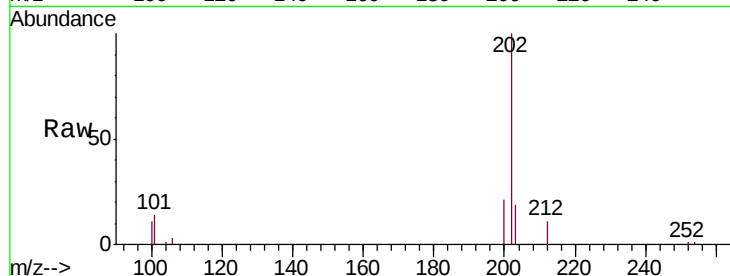
Tgt Ion:202 Resp: 85422

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

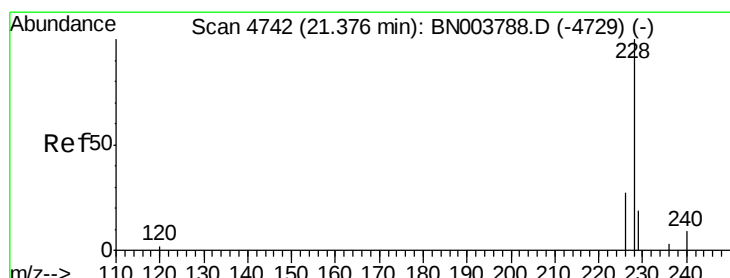
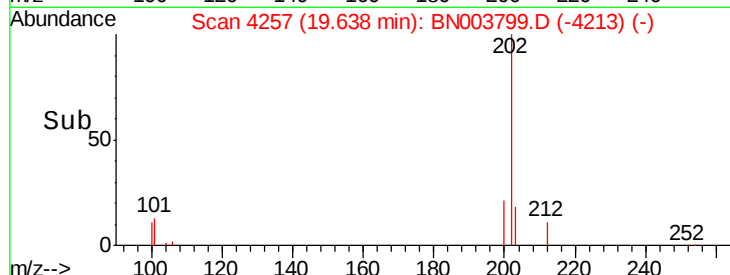
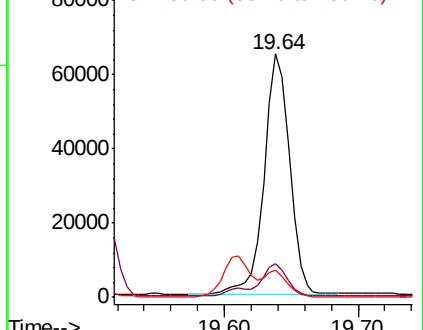
100 11.0 8.5 12.7



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: 0.332 ng/ul

RT: 21.56 min Scan# 4803

Delta R.T. 0.18 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

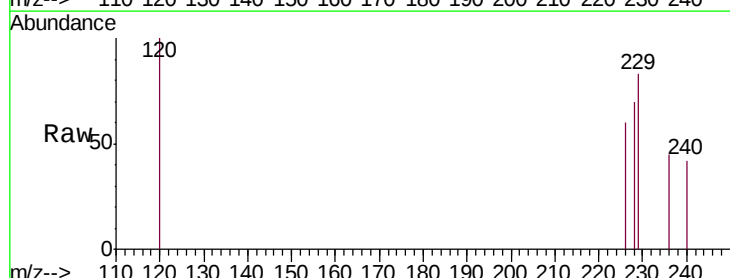
Tgt Ion:228 Resp: 2090

Ion Ratio Lower Upper

228 100

229 117.3 15.6 23.4#

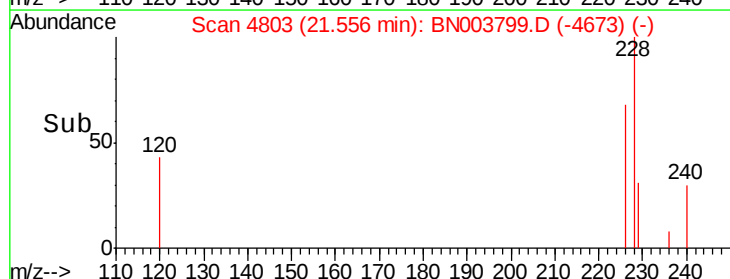
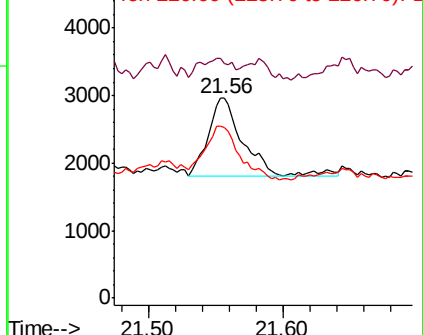
226 85.4 21.1 31.7#

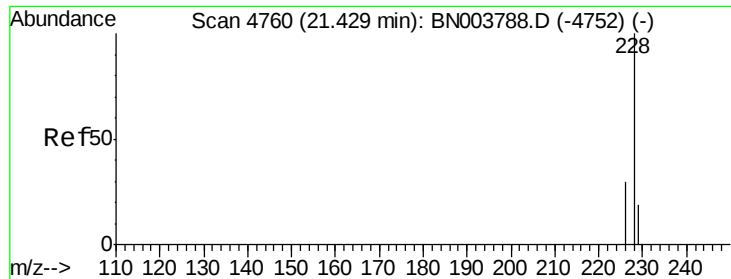


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.280 ng/u1

RT: 21.56 min Scan# 4803

Delta R.T. 0.13 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

Instrument :

BNA_N

ClientSampleId :

F9Y03

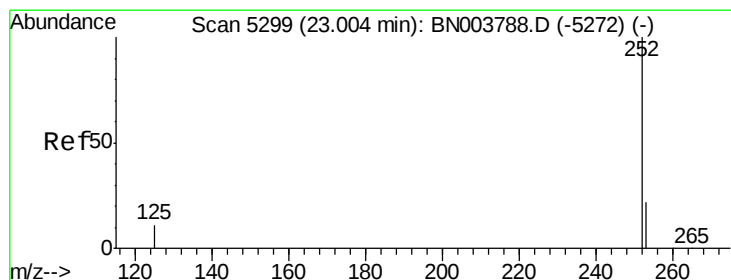
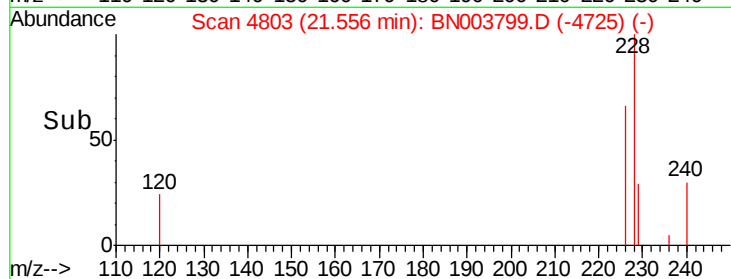
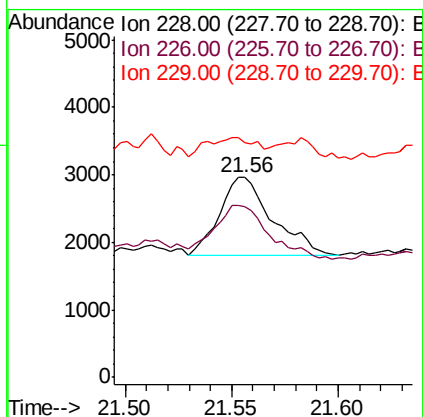
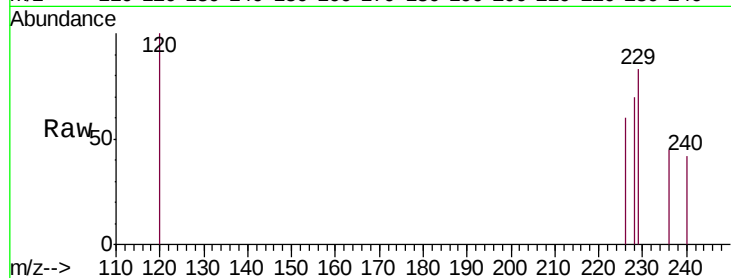
Tgt Ion:228 Resp: 2016

Ion Ratio Lower Upper

228 100

226 85.4 24.0 36.0#

229 117.3 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 5.565 ng/u1

RT: 23.19 min Scan# 5363

Delta R.T. 0.19 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

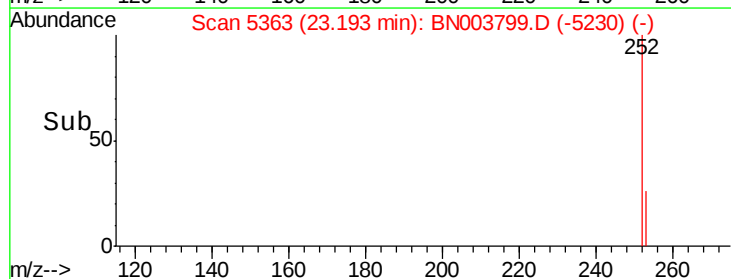
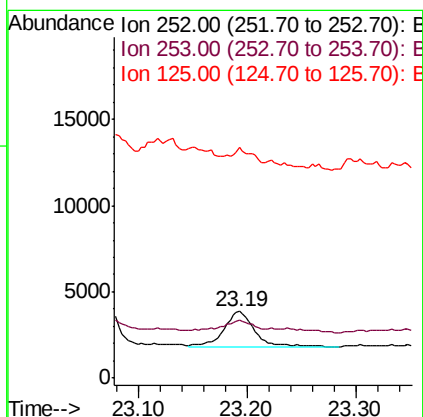
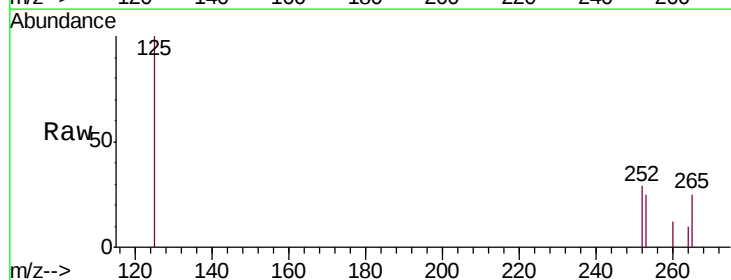
Tgt Ion:252 Resp: 4397

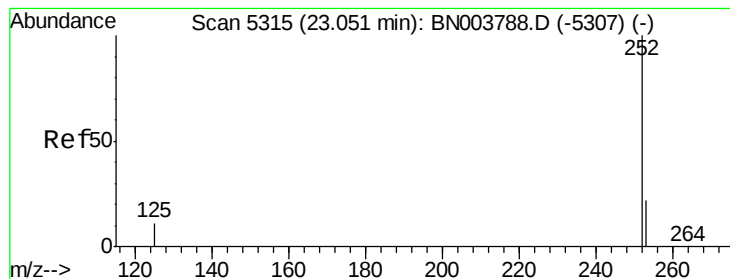
Ion Ratio Lower Upper

252 100

253 87.3 0.0 46.0#

125 345.5 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 5.712 ng/ul

RT: 23.19 min Scan# 5363

Delta R.T. 0.14 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

Instrument :

BNA_N

ClientSampleId :

F9Y03

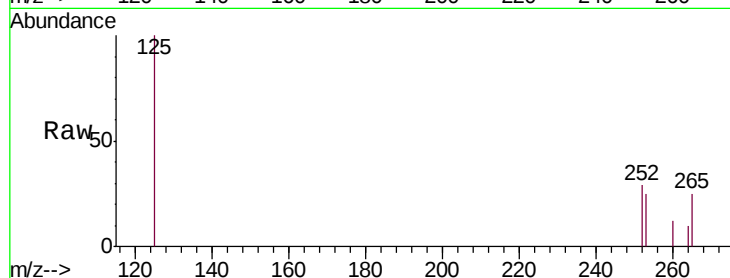
Tgt Ion:252 Resp: 4397

Ion Ratio Lower Upper

252 100

253 87.3 18.5 27.7#

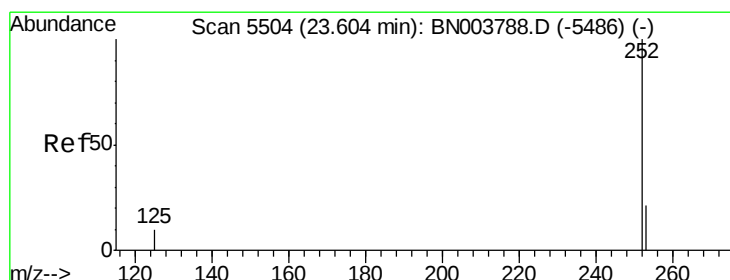
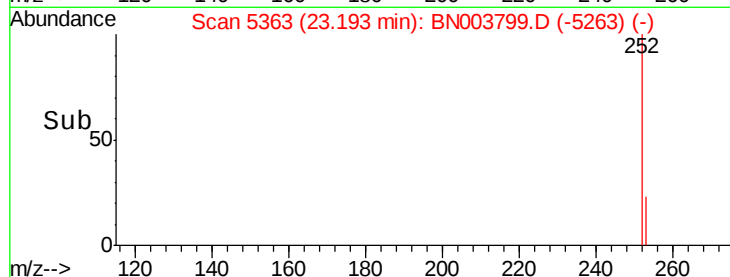
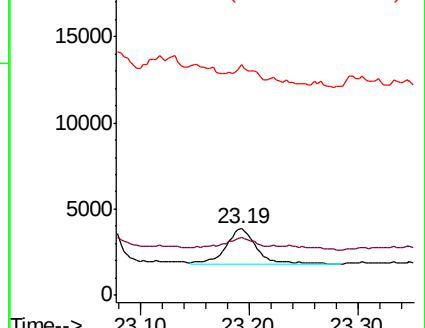
125 345.5 9.0 13.6#



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: 8.882 ng/ul

RT: 23.76 min Scan# 5558

Delta R.T. 0.16 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

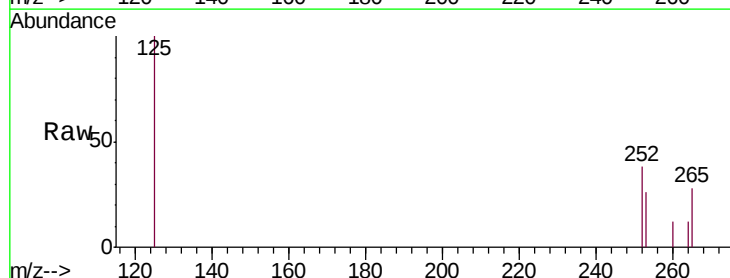
Tgt Ion:252 Resp: 6077

Ion Ratio Lower Upper

252 100

253 69.0 19.0 28.4#

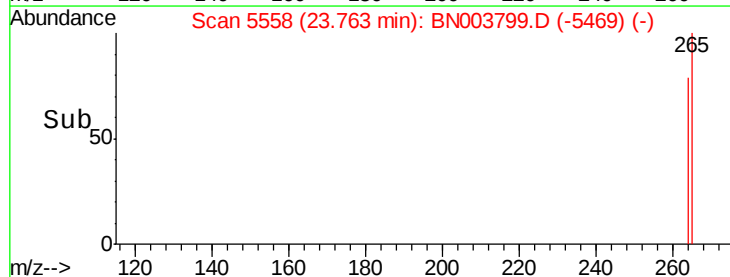
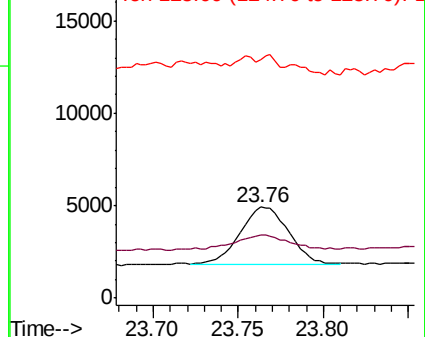
125 262.1 10.2 15.4#

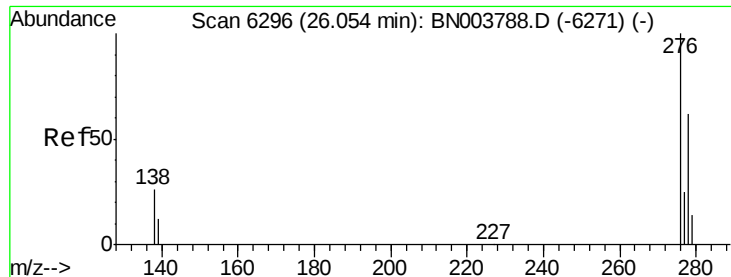


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.443 ng/ul

RT: 26.07 min Scan# 6299

Delta R.T. 0.01 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

Instrument :

BNA_N

ClientSampleId :

F9Y03

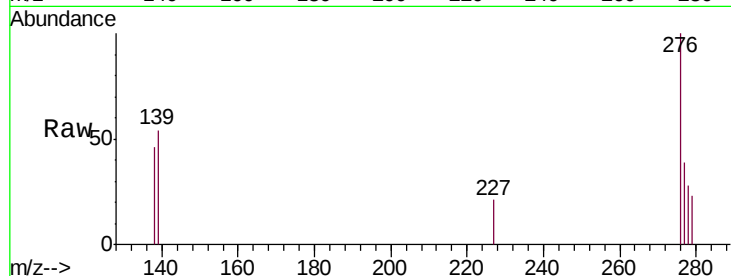
Tgt Ion:276 Resp: 20747

Ion Ratio Lower Upper

276 100

138 23.3 20.3 30.5

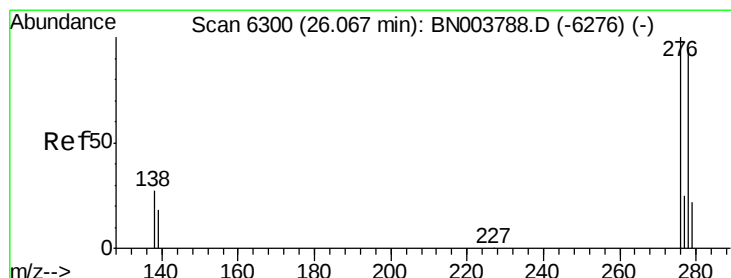
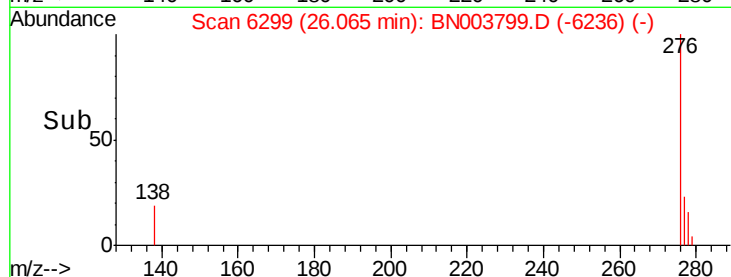
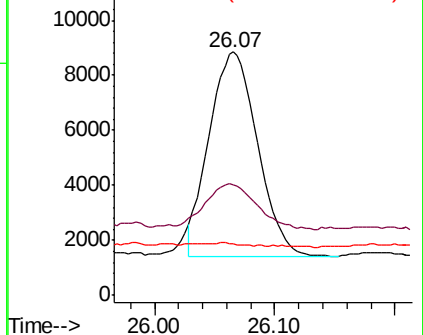
227 0.6 0.2 0.2#



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: 2.203 ng/ul

RT: 26.18 min Scan# 6334

Delta R.T. 0.12 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

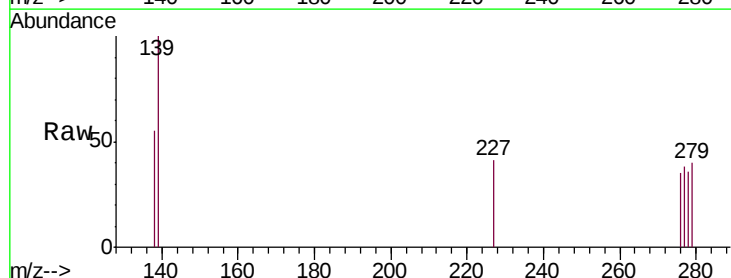
Tgt Ion:278 Resp: 1391

Ion Ratio Lower Upper

278 100

139 275.7 14.2 21.4#

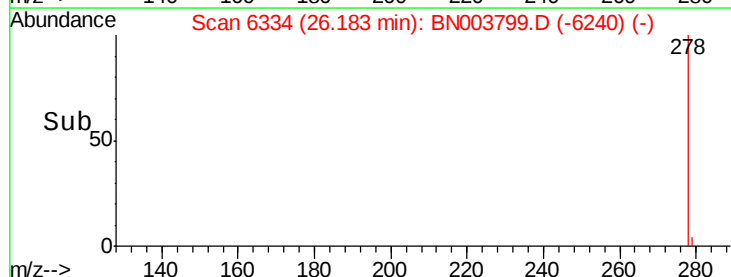
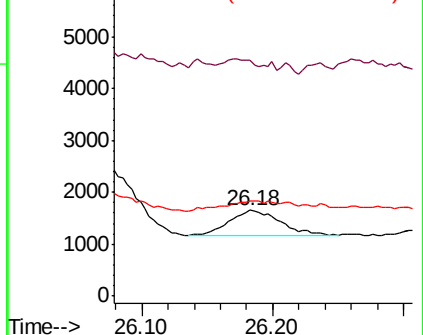
279 111.6 19.8 29.6#

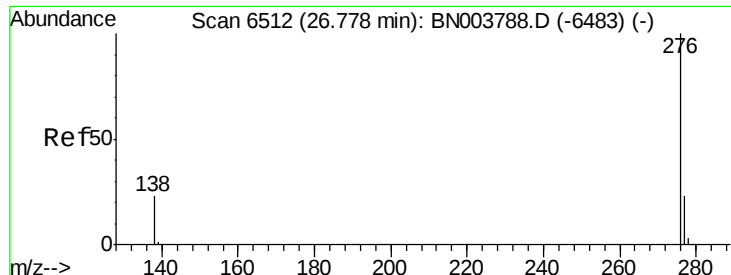


Abundance Ion 278.00 (277.70 to 278.70): E

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: 25.454 ng/ul

RT: 26.79 min Scan# 6516

Delta R.T. 0.01 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

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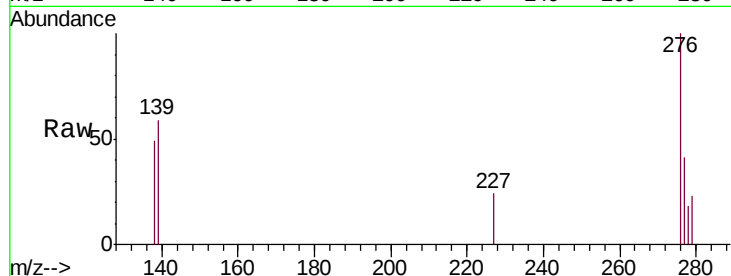
Tgt Ion: 276 Resp: 17357

Ion Ratio Lower Upper

276 100

138 49.0 17.7 26.5#

277 41.1 19.3 28.9#



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

