

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003148.D
 Acq On : 12 Oct 2018 20:25
 Operator : MJ/SJ
 Sample : J5234-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 04:57:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration

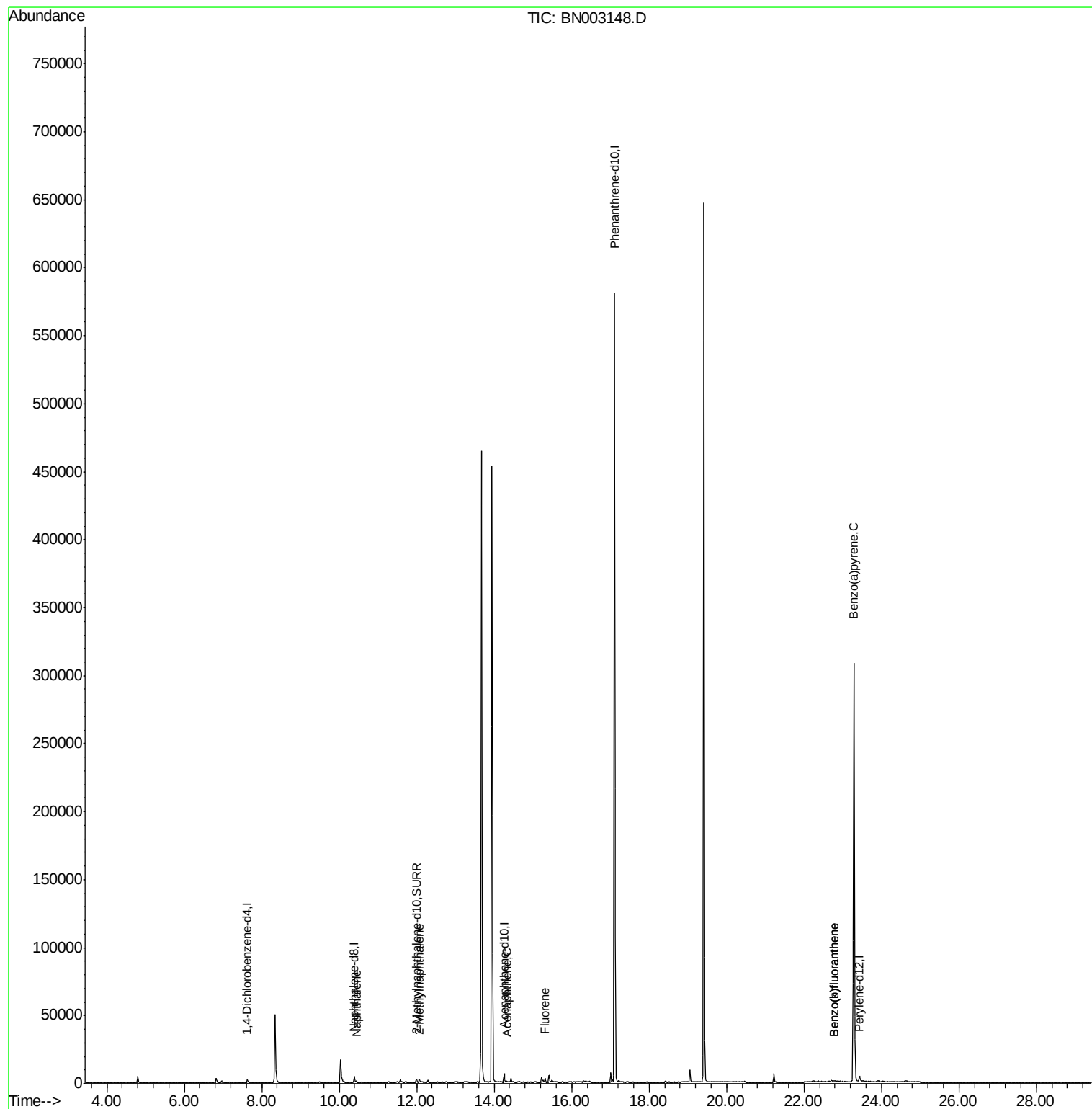
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1547	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.39	136	6532	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4007	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	676021	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.44	264	4985	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4252	0.42	ng/ul	-0.02
14) Fluoranthene-d10	19.16	212	356	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1599	0.095	ng/ul#	89
5) 2-Methylnaphthalene	12.07	142	2360	0.205	ng/ul	97
8) Acenaphthene	14.32	153	365	0.026	ng/ul#	90
9) Fluorene	15.31	166	1957	0.123	ng/ul#	97
21) Benzo(b)fluoranthene	22.79	252	433	0.024	ng/ul#	1
22) Benzo(k)fluoranthene	22.79	252	433	0.023	ng/ul#	1
23) Benzo(a)pyrene	23.29	252	1742	0.108	ng/ul#	1

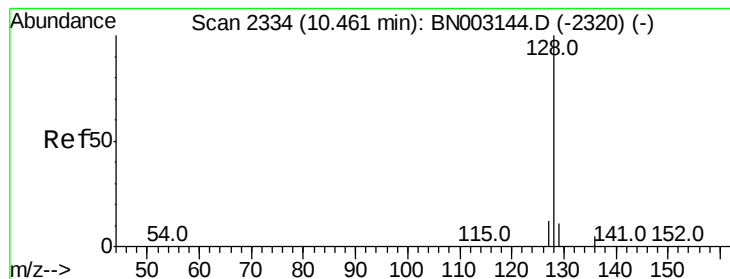
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.095 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003148.D

Acq: 12 Oct 2018 20:25

Instrument :

BNA_N

ClientSampleId :

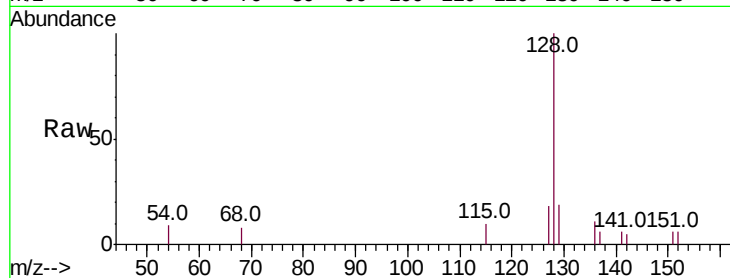
Tot Ion:128 Resp: 1599

Ion Ratio Lower Upper

128 100

129 18.7 10.4 15.6#

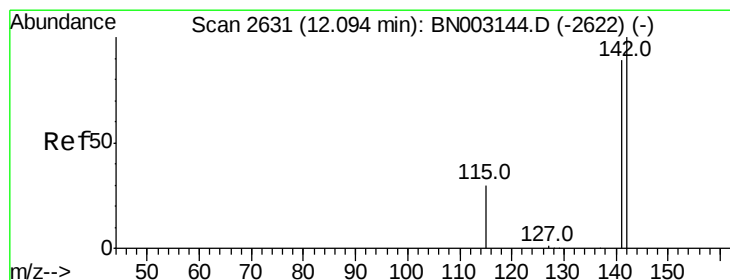
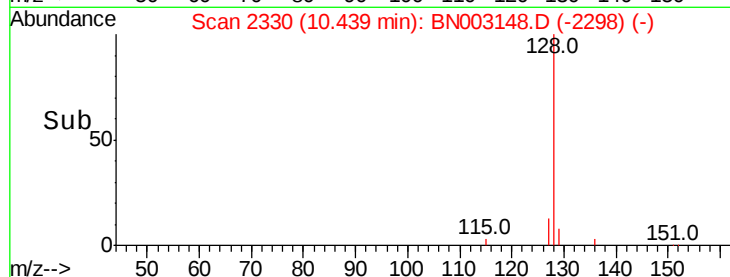
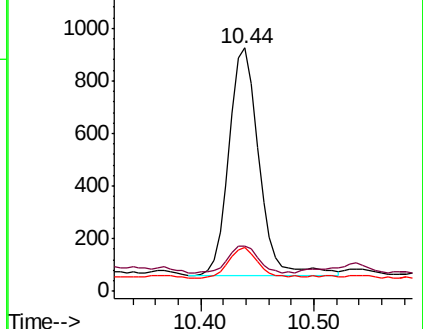
127 17.8 11.7 17.5#



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: 0.205 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BN003148.D

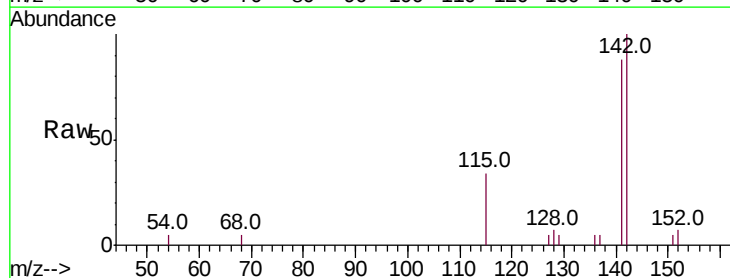
Acq: 12 Oct 2018 20:25

Tgt Ion:142 Resp: 2360

Ion Ratio Lower Upper

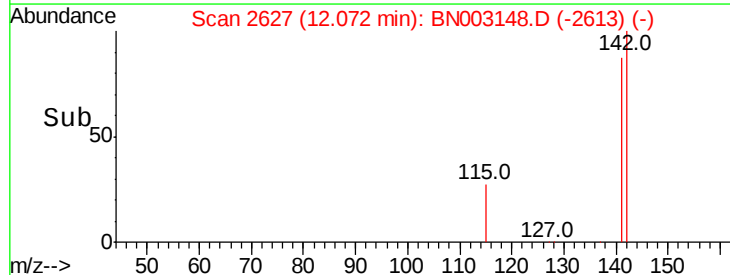
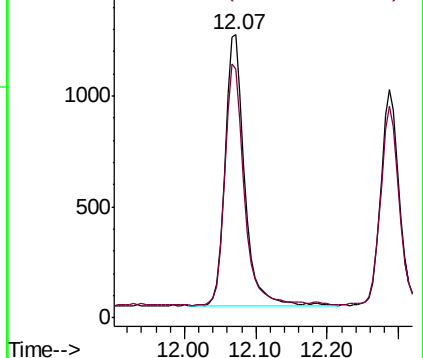
142 100

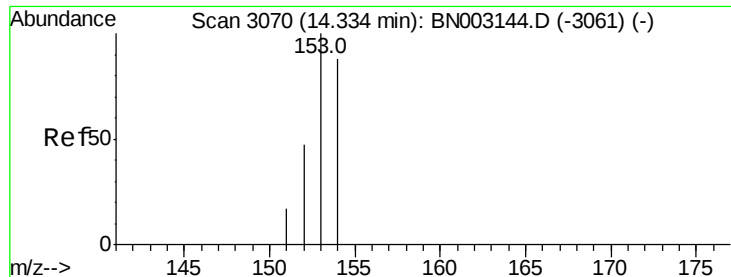
141 89.1 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN003148.D

Acq: 12 Oct 2018 20:25

Instrument :

BNA_N

ClientSampleId :

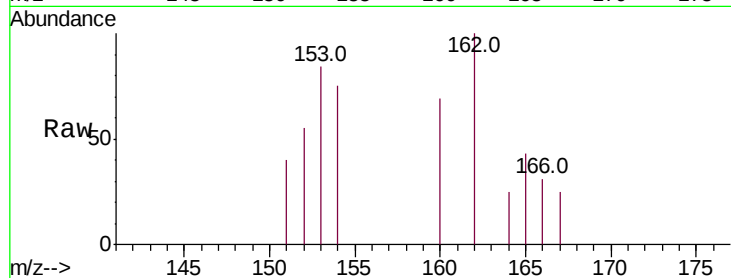
Tot Ion:153 Resp: 365

Ion Ratio Lower Upper

153 100

152 65.0 38.2 57.4#

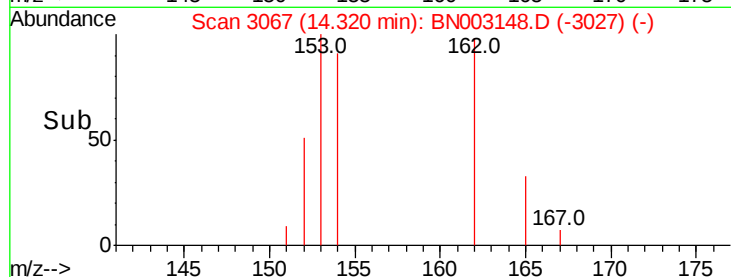
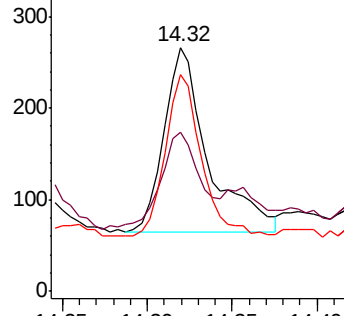
154 89.1 70.2 105.2



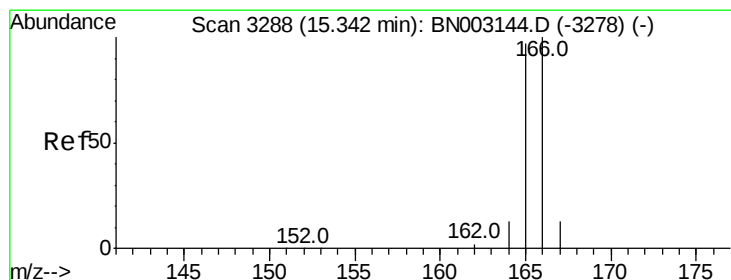
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.123 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.03 min

Lab File: BN003148.D

Acq: 12 Oct 2018 20:25

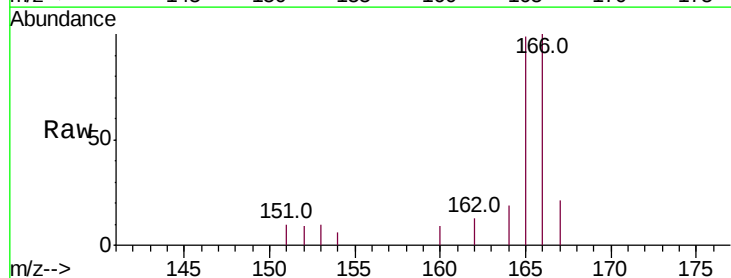
Tgt Ion:166 Resp: 1957

Ion Ratio Lower Upper

166 100

165 99.4 78.5 117.7

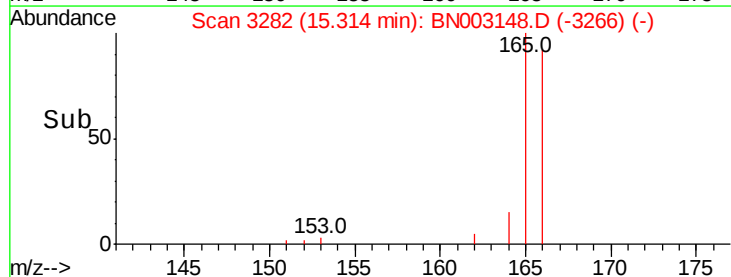
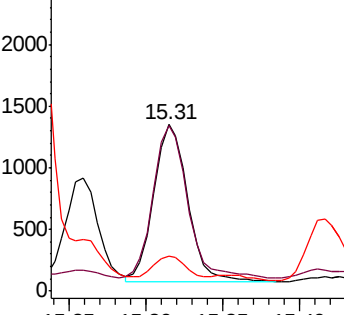
167 21.2 11.6 17.4#



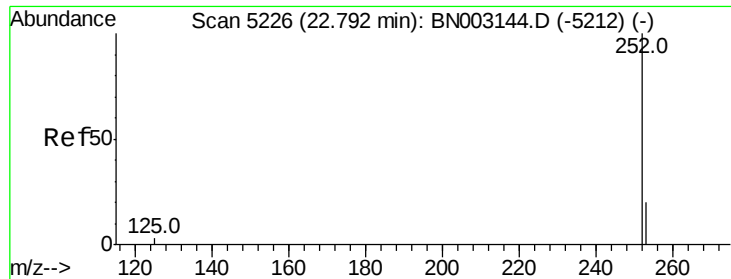
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#21

Benzo(b)fluoranthene

Concen: 0.024 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.01 min

Lab File: BN003148.D

Acq: 12 Oct 2018 20:25

Instrument :

BNA_N

ClientSampleId :

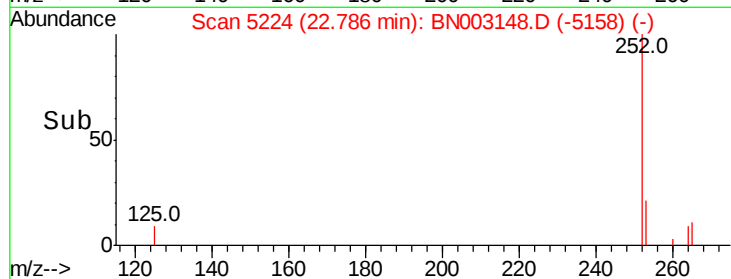
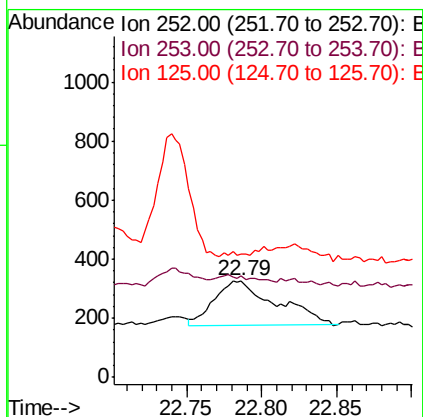
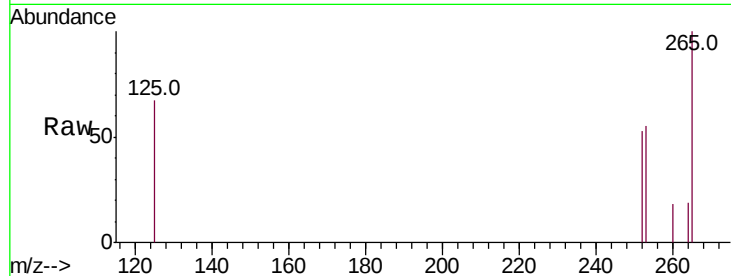
Tot Ion:252 Resp: 433

Ion Ratio Lower Upper

252 100

253 104.9 0.0 53.2#

125 127.8 0.0 34.2#



#22

Benzo(k)fluoranthene

Concen: 0.023 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.05 min

Lab File: BN003148.D

Acq: 12 Oct 2018 20:25

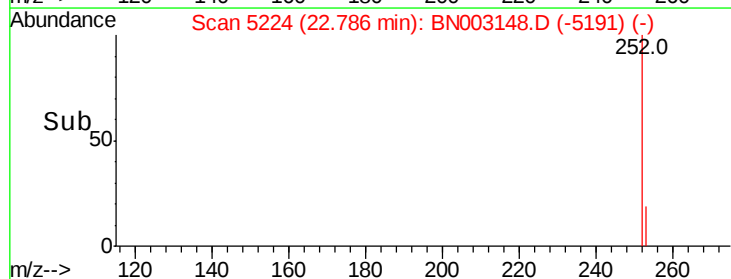
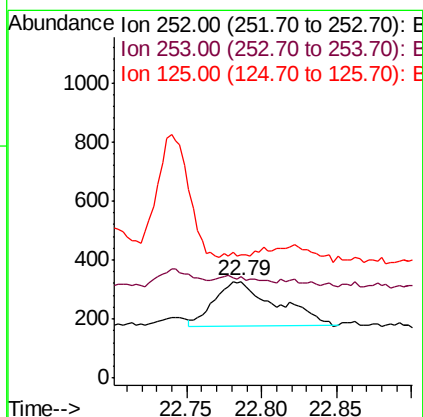
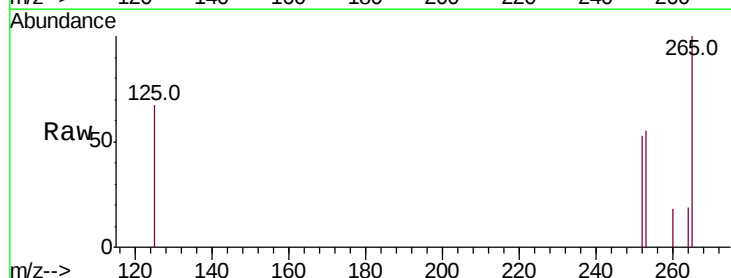
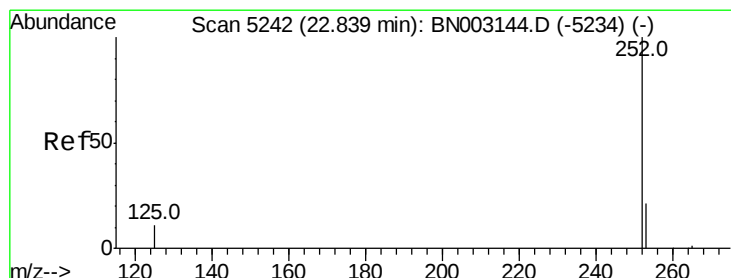
Tgt Ion:252 Resp: 433

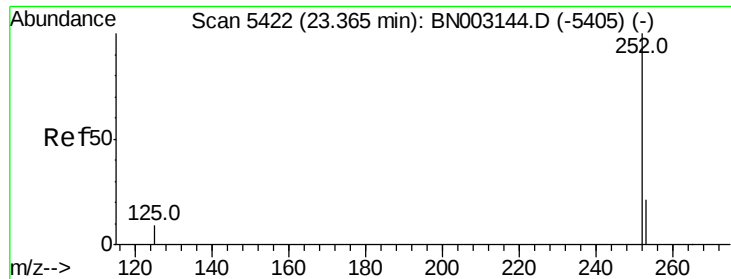
Ion Ratio Lower Upper

252 100

253 104.9 21.3 31.9#

125 127.8 14.1 21.1#





#23

Benzo(a)pyrene

Concen: 0.108 ng/ul

RT: 23.29 min Scan# 5397

Delta R.T. -0.07 min

Lab File: BN003148.D

Acq: 12 Oct 2018 20:25

Instrument :

BNA_N

ClientSampleId :

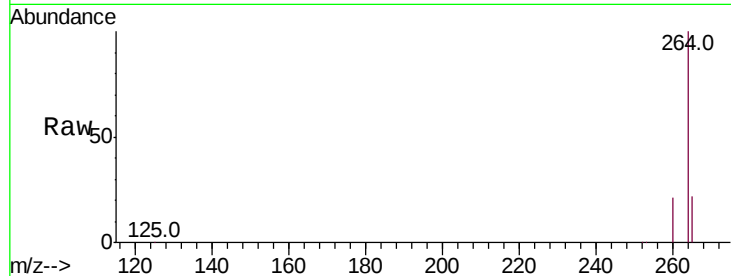
Tot Ion:252 Resp: 1742

Ion Ratio Lower Upper

252 100

253 57.8 23.1 34.7#

125 104.0 16.9 25.3#



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

