

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007478.D
 Acq On : 28 Aug 2019 21:00
 Operator : HP/JU
 Sample : K4373-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 28 23:03:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

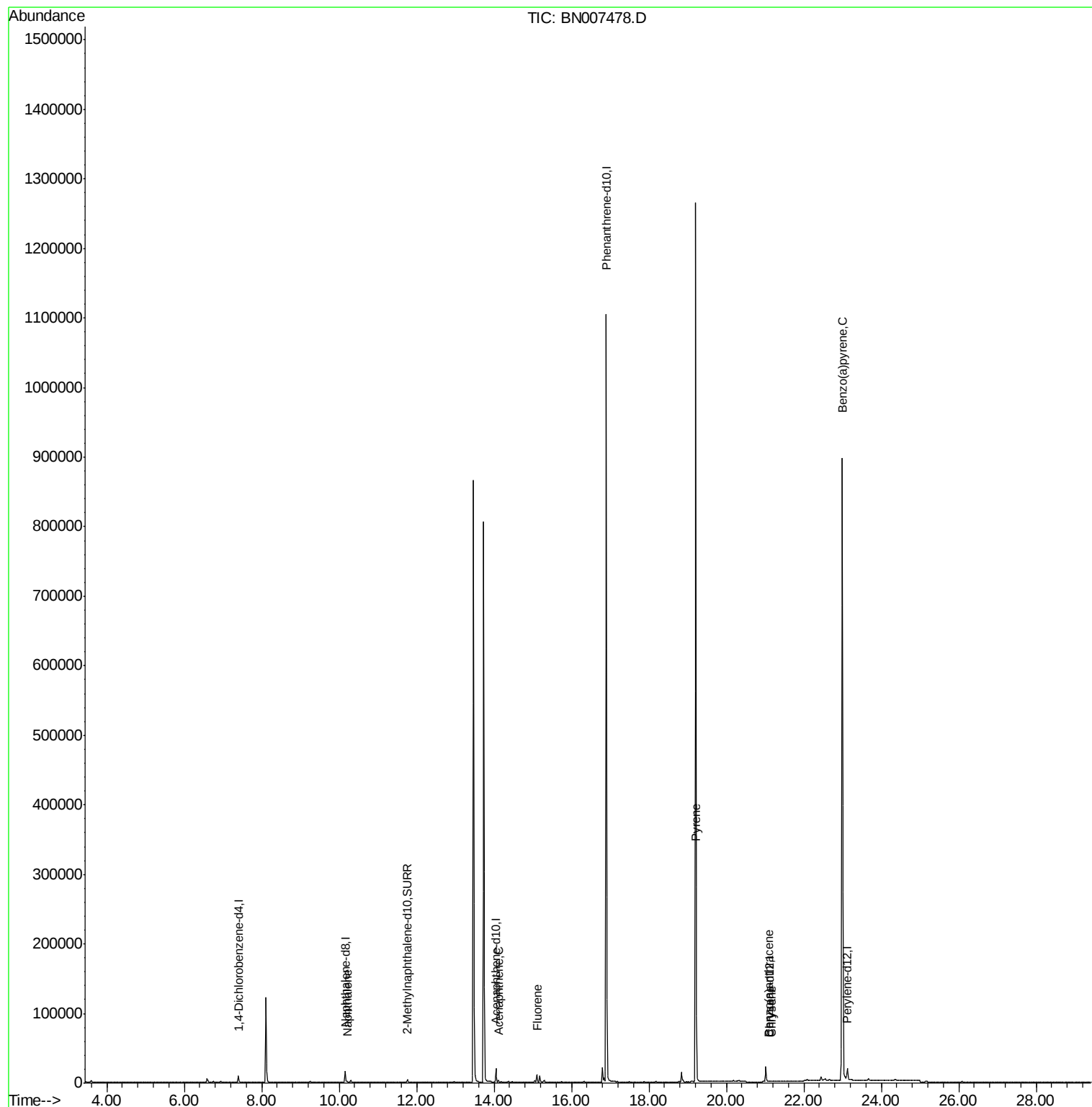
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4717	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	20679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	10672	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	1238345	0.40	ng/ul	0.09
16) Chrysene-d12	21.13	240	77	0.40	ng/ul	0.11
20) Perylene-d12	23.12	264	24681	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	6475	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	2489	0.043	ng/ul#	85
8) Acenaphthene	14.11	153	1806	0.042	ng/ul	96
9) Fluorene	15.11	166	6351	0.138	ng/ul	98
17) Pyrene	19.23	202	1936	5.140	ng/ul#	56
18) Benzo(a)anthracene	21.10	228	63	0.183	ng/ul#	1
19) Chrysene	21.17	228	43	0.116	ng/ul#	1
23) Benzo(a)pyrene	22.99	252	5054	0.047	ng/ul#	40

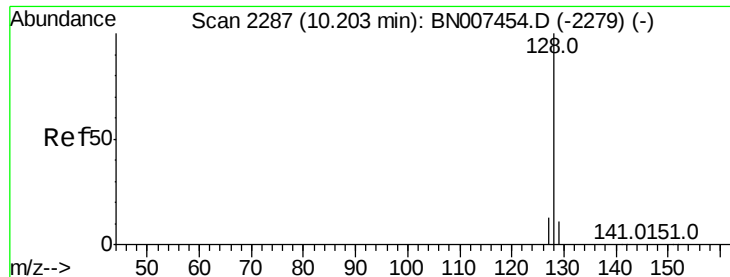
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

Instrument :

BNA_N

ClientSampleId :

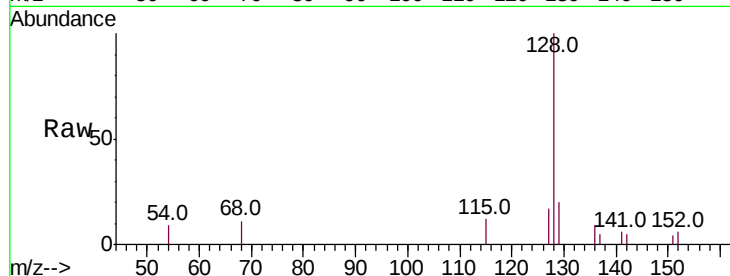
Tot Ion:128 Resp: 2489

Ion Ratio Lower Upper

128 100

129 19.8 9.2 13.8#

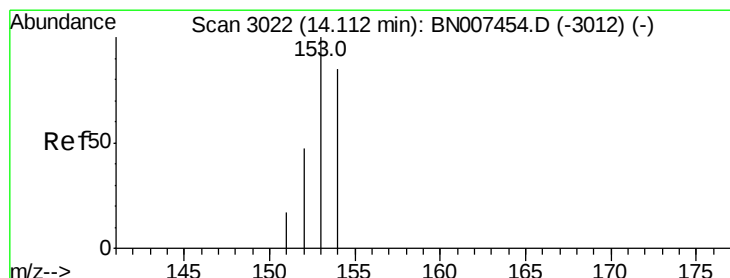
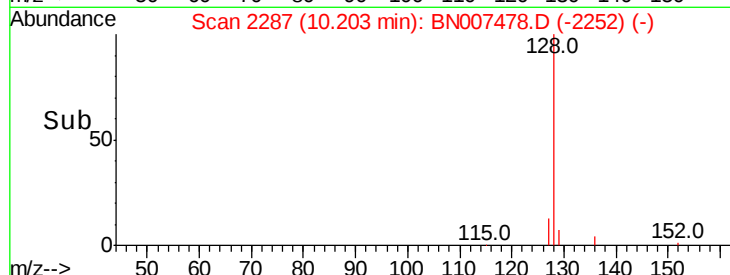
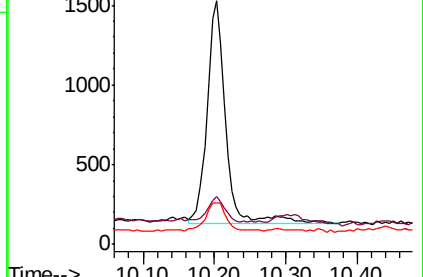
127 16.8 10.4 15.6#



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



#8

Acenaphthene

Concen: 0.042 ng/ul

RT: 14.11 min Scan# 3022

Delta R.T. 0.00 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

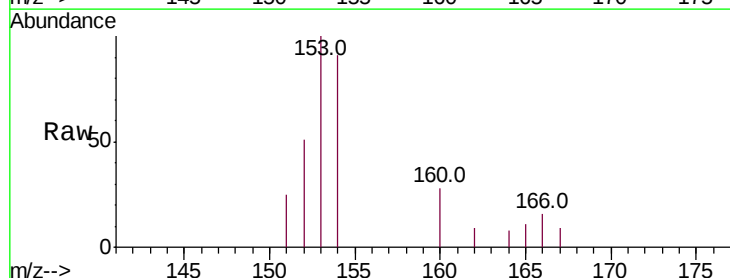
Tgt Ion:153 Resp: 1806

Ion Ratio Lower Upper

153 100

152 50.6 39.1 58.7

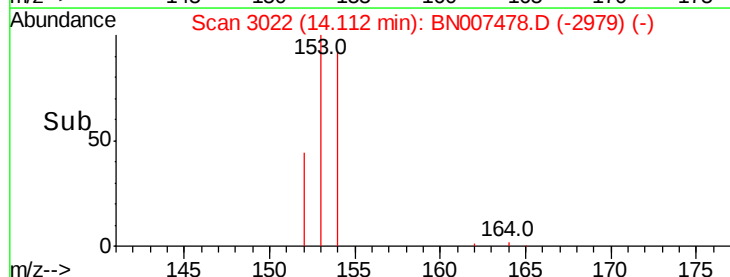
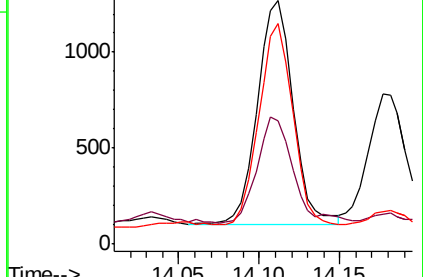
154 90.8 69.4 104.2

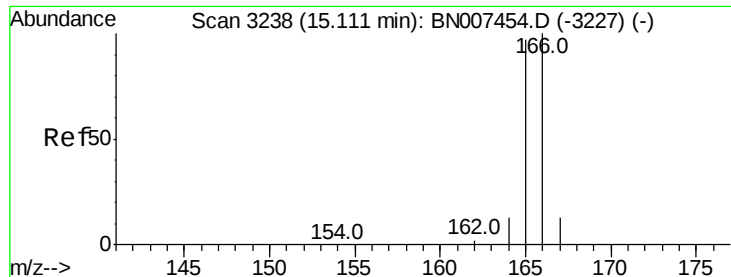


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.138 ng/ul

RT: 15.11 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

Instrument :

BNA_N

ClientSampleId :

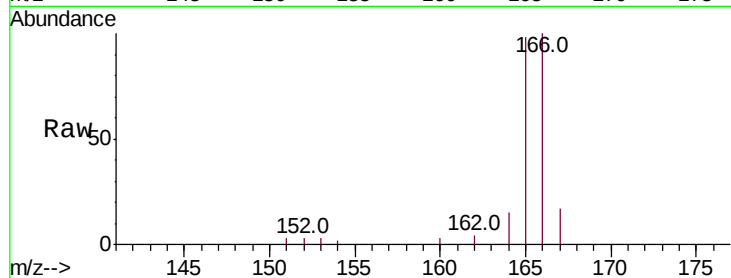
Tot Ion:166 Resp: 6351

Ion Ratio Lower Upper

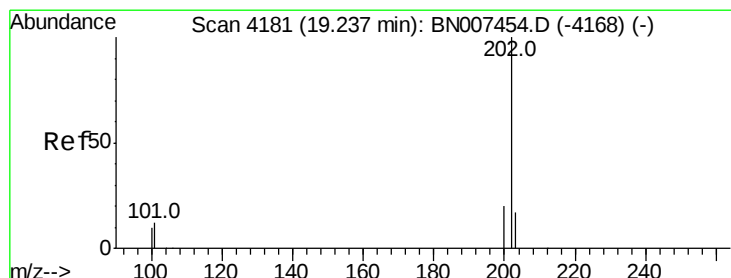
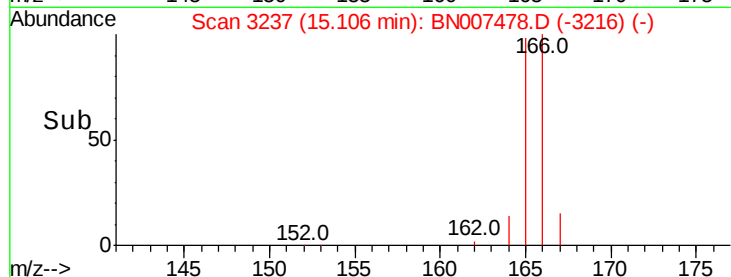
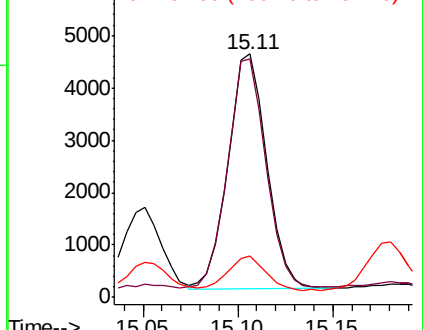
166 100

165 98.1 79.6 119.4

167 17.0 11.7 17.5



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: 5.140 ng/ul

RT: 19.23 min Scan# 4180

Delta R.T. -0.01 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

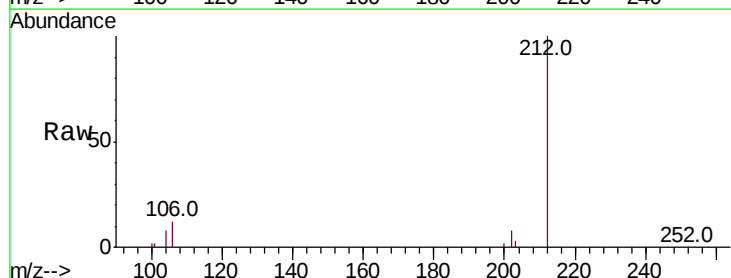
Tgt Ion:202 Resp: 1936

Ion Ratio Lower Upper

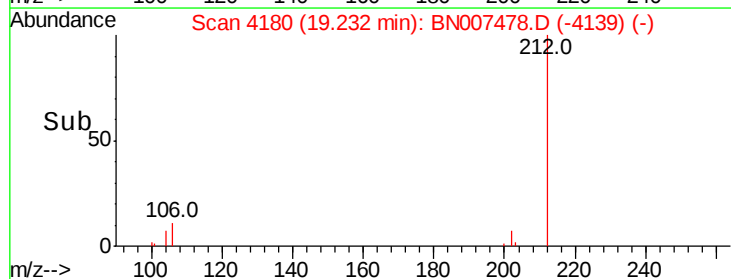
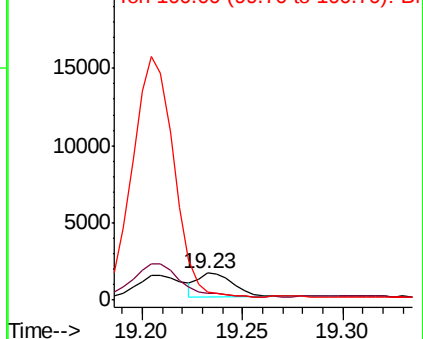
202 100

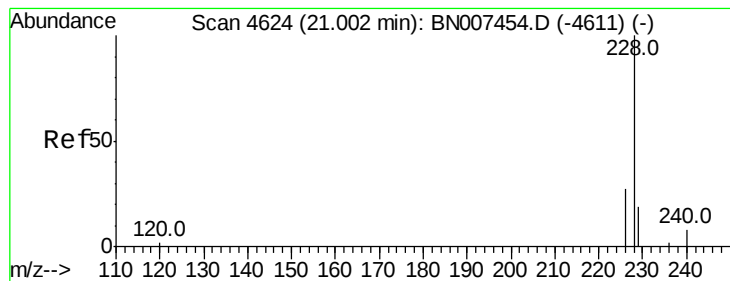
101 27.2 10.7 16.1#

100 31.7 8.6 12.8#



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: 0.183 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. 0.09 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

Instrument :

BNA_N

ClientSampleId :

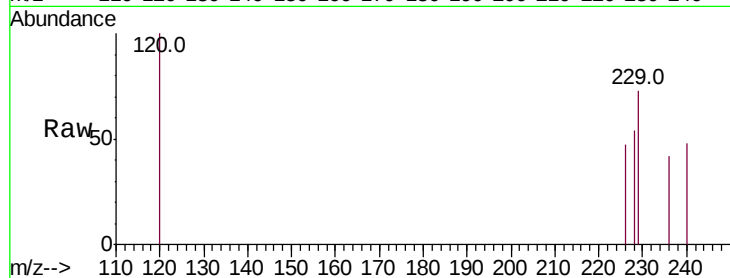
Tot Ion:228 Resp: 63

Ion Ratio Lower Upper

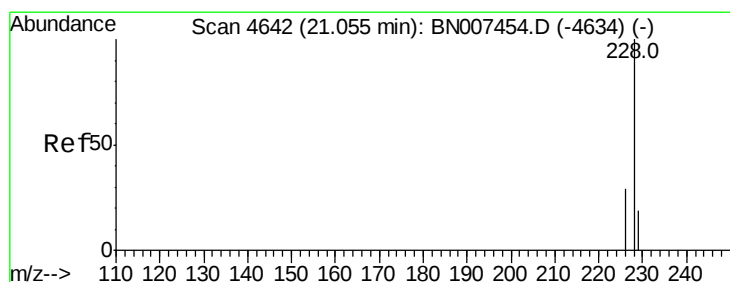
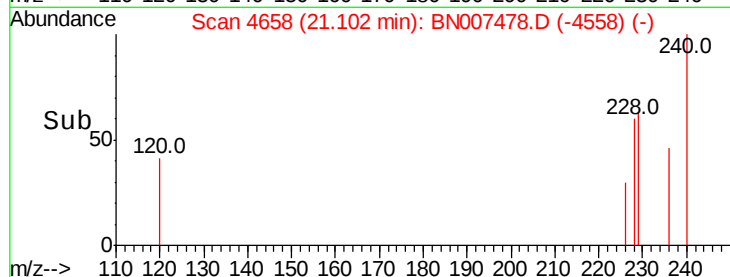
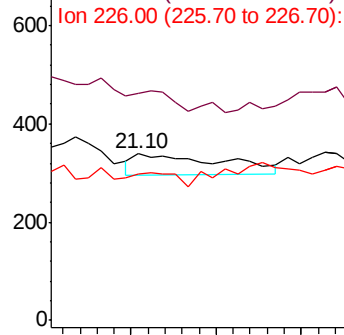
228 100

229 136.0 15.4 23.2#

226 87.6 22.0 33.0#



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: 0.116 ng/ul

RT: 21.17 min Scan# 4683

Delta R.T. 0.11 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

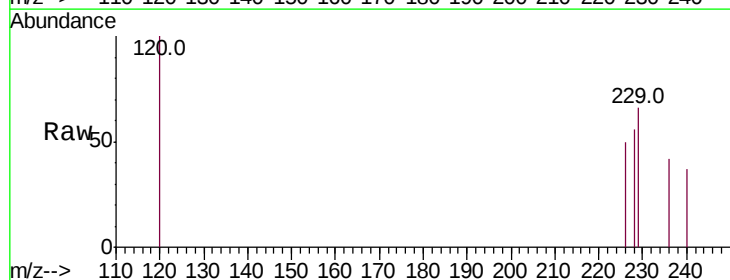
Tgt Ion:228 Resp: 43

Ion Ratio Lower Upper

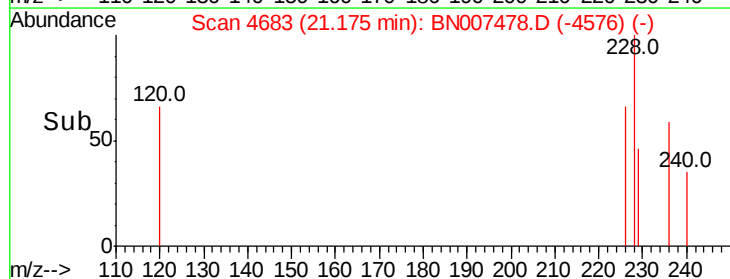
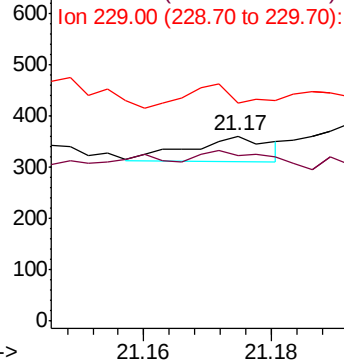
228 100

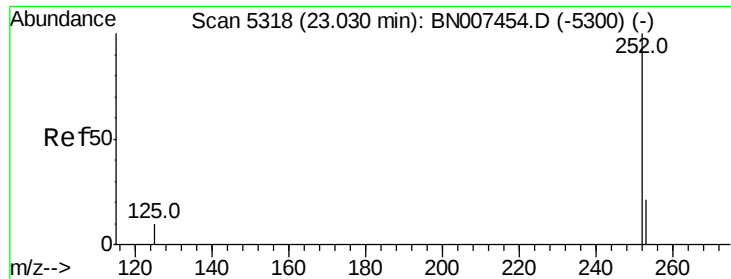
226 89.4 24.1 36.1#

229 118.1 16.1 24.1#



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





#23

Benzo(a)pyrene

Concen: 0.047 ng/ul

RT: 22.99 min Scan# 5305

Delta R.T. -0.05 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

Instrument :

BNA_N

ClientSampleId :

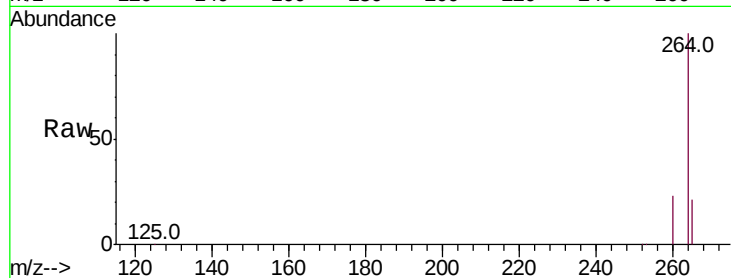
Tot Ion:252 Resp: 5054

Ion Ratio Lower Upper

252 100

253 43.8 19.0 28.6#

125 51.5 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

4000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

