

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008126.D
 Acq On : 13 Oct 2019 00:18
 Operator : JU
 Sample : K5178-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 00:56:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

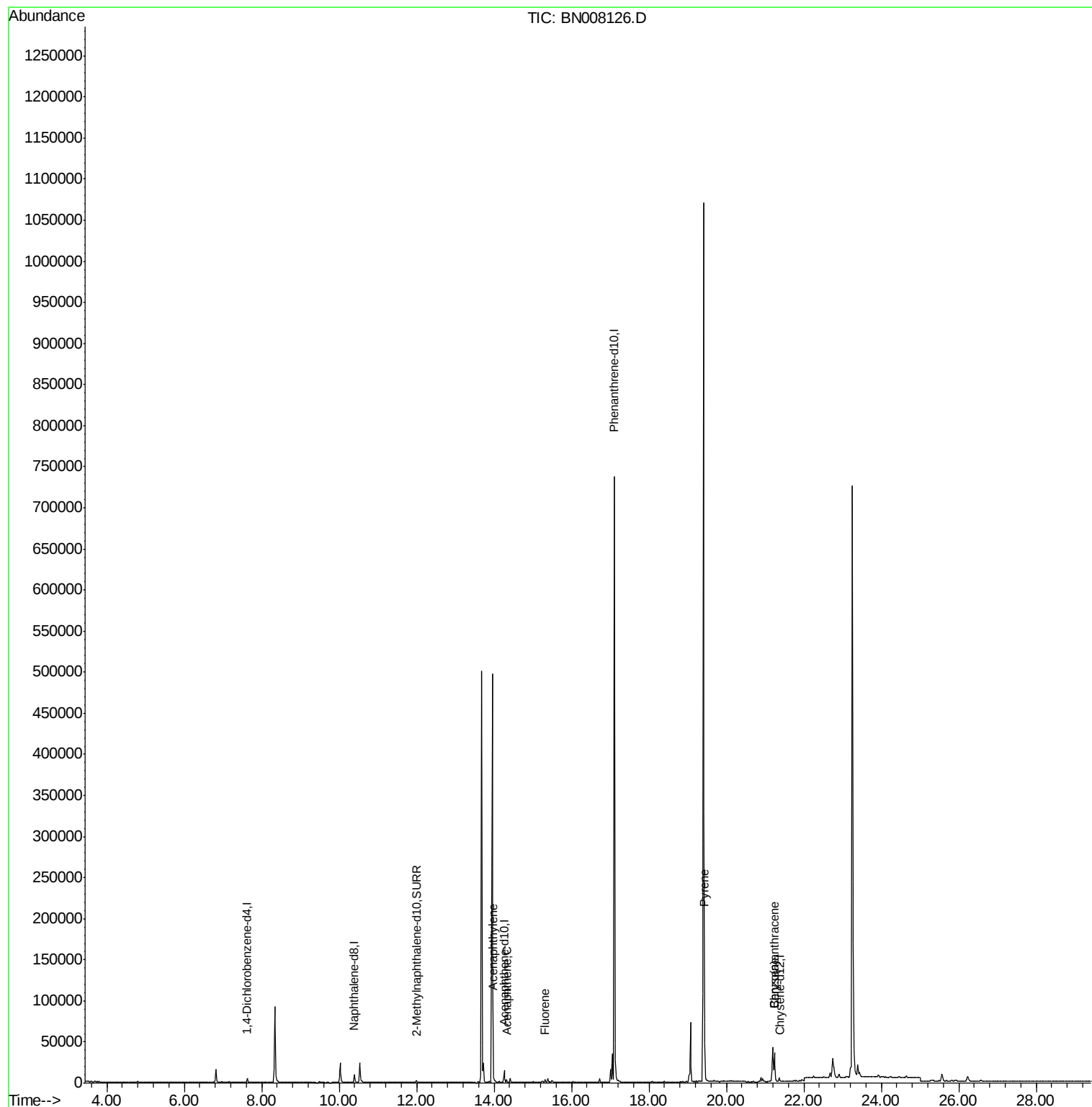
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2586	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	12527	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	8102	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	850500	0.40	ng/ul	0.09
16) Chrysene-d12	21.38	240	36	0.40	ng/ul	0.16
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.41
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3777	0.18	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
7) Acenaphthylene	13.98	152	2040	0.053	ng/ul#	80
8) Acenaphthene	14.32	153	2011	0.067	ng/ul	98
9) Fluorene	15.31	166	2086	0.061	ng/ul#	97
17) Pyrene	19.43	202	59300	413.700	ng/ul	99
18) Benzo(a)anthracene	21.24	228	35516	271.354	ng/ul	94
19) Chrysene	21.24	228	33523	208.707	ng/ul	98

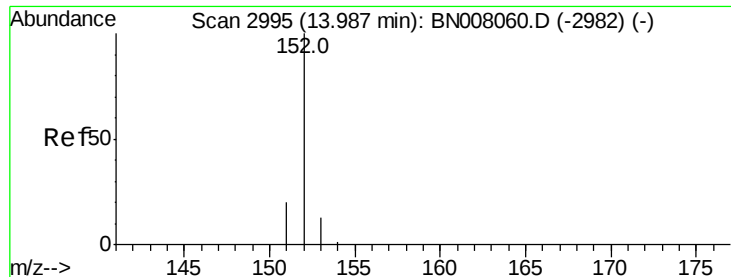
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Instrument :

BNA_N

ClientSampleId :

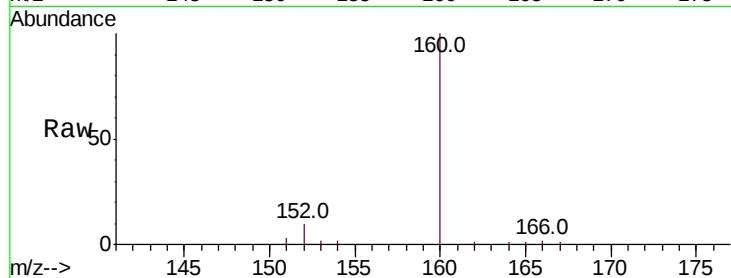
Tot Ion:152 Resp: 2040

Ion Ratio Lower Upper

152 100

151 31.4 16.2 24.4#

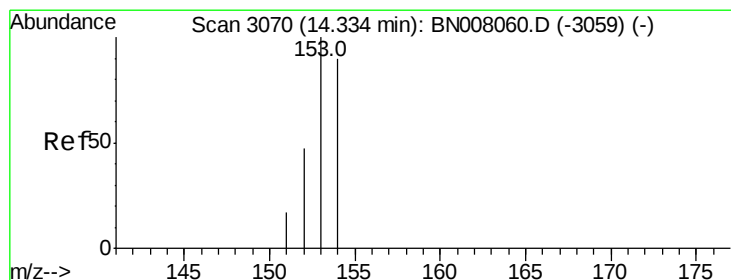
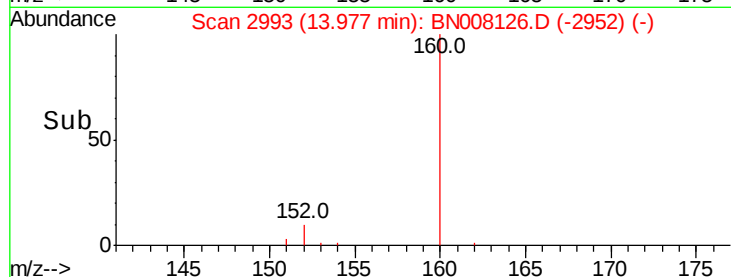
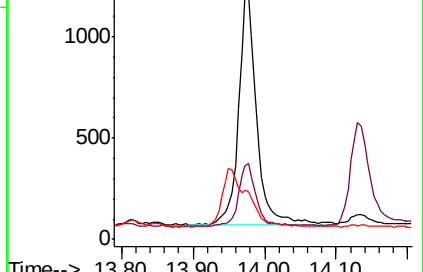
153 19.7 11.0 16.4#



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: 0.067 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

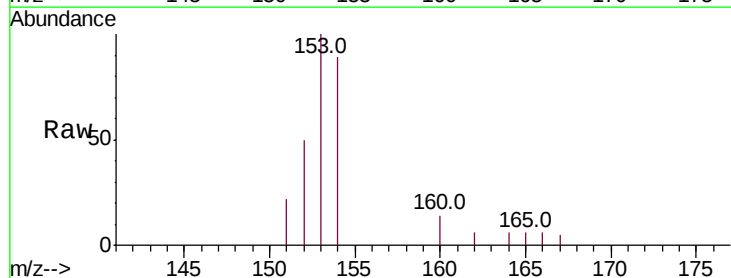
Tgt Ion:153 Resp: 2011

Ion Ratio Lower Upper

153 100

152 49.9 38.2 57.2

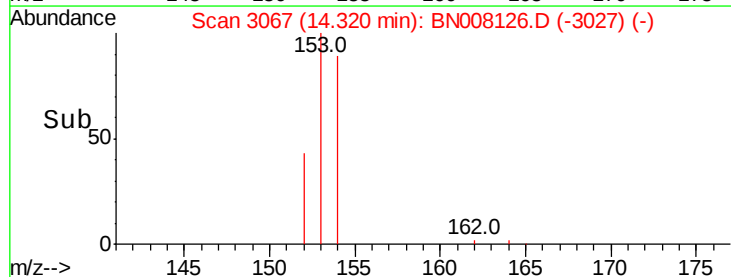
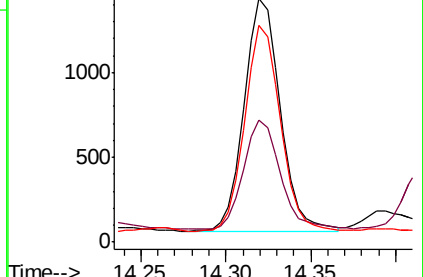
154 89.2 71.8 107.8

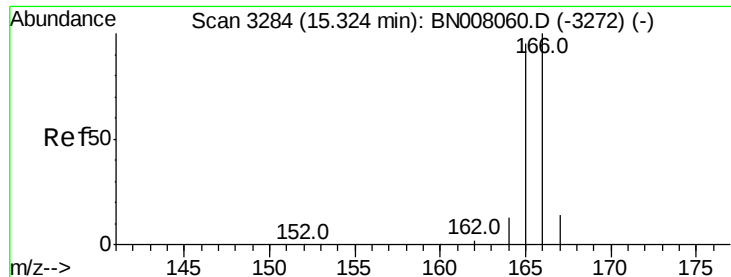


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.061 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Instrument :

BNA_N

ClientSampleId :

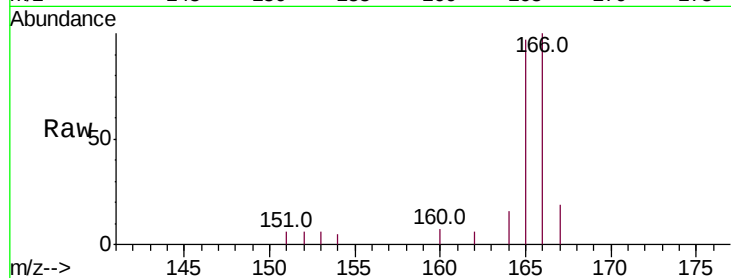
Tot Ion:166 Resp: 2086

Ion Ratio Lower Upper

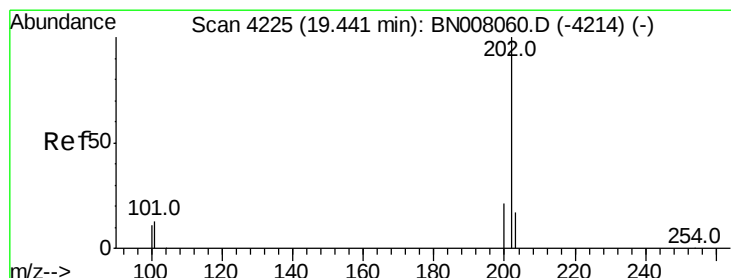
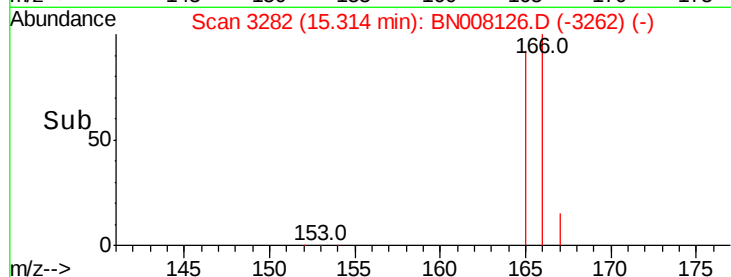
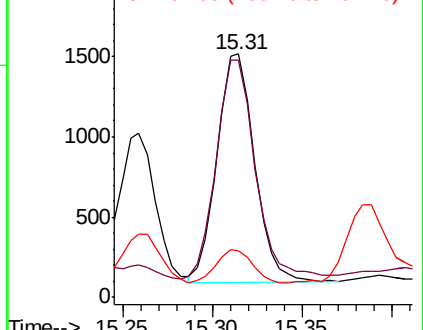
166 100

165 97.2 76.6 115.0

167 19.1 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: 413.700 ng/ul

RT: 19.43 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

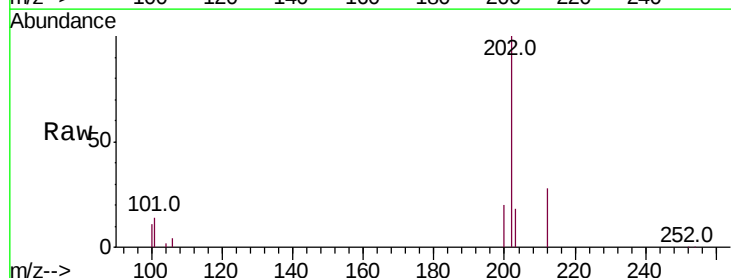
Tgt Ion:202 Resp: 59300

Ion Ratio Lower Upper

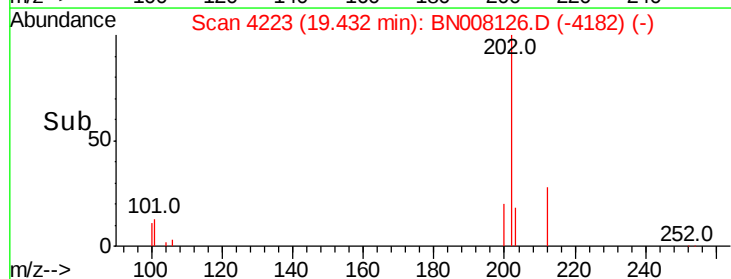
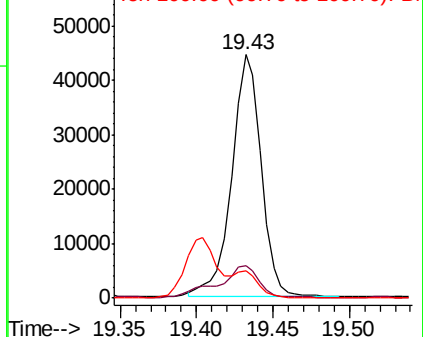
202 100

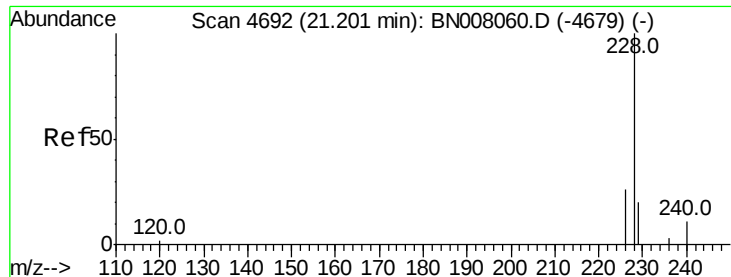
101 13.5 10.9 16.3

100 11.4 8.7 13.1



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: 271.354 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. 0.04 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Instrument :

BNA_N

ClientSampleId :

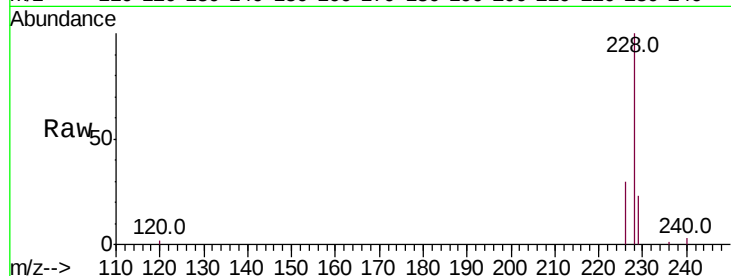
Tot Ion:228 Resp: 35516

Ion Ratio Lower Upper

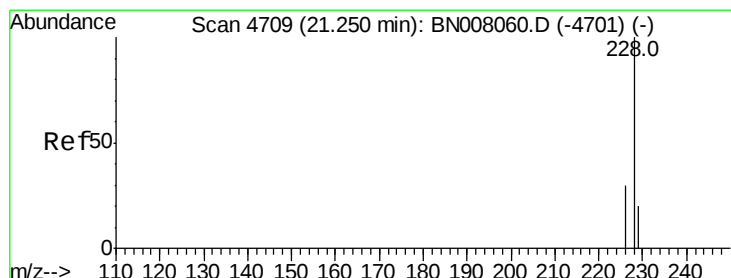
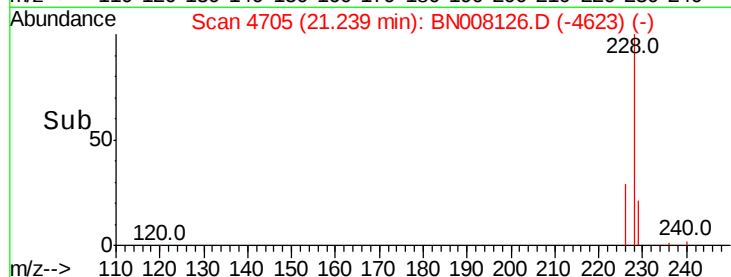
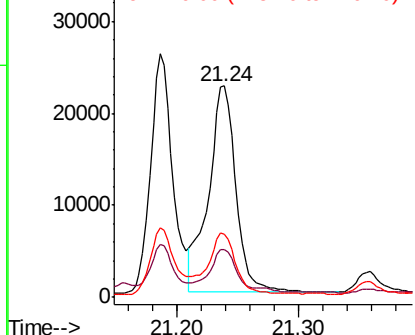
228 100

229 22.7 16.2 24.2

226 30.1 21.4 32.0



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: 208.707 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

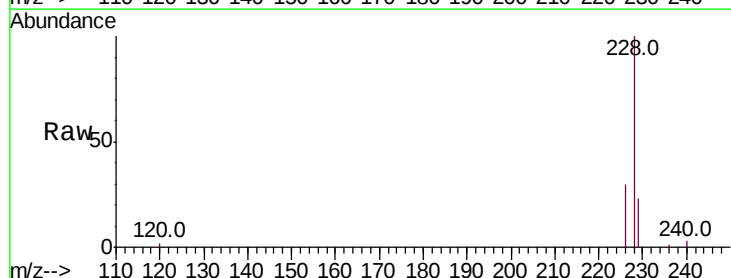
Tgt Ion:228 Resp: 33523

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 22.7 16.2 24.2



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

