

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008374.D
 Acq On : 24 Oct 2019 05:52
 Operator : JU
 Sample : K5235-13
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 06:39:57 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

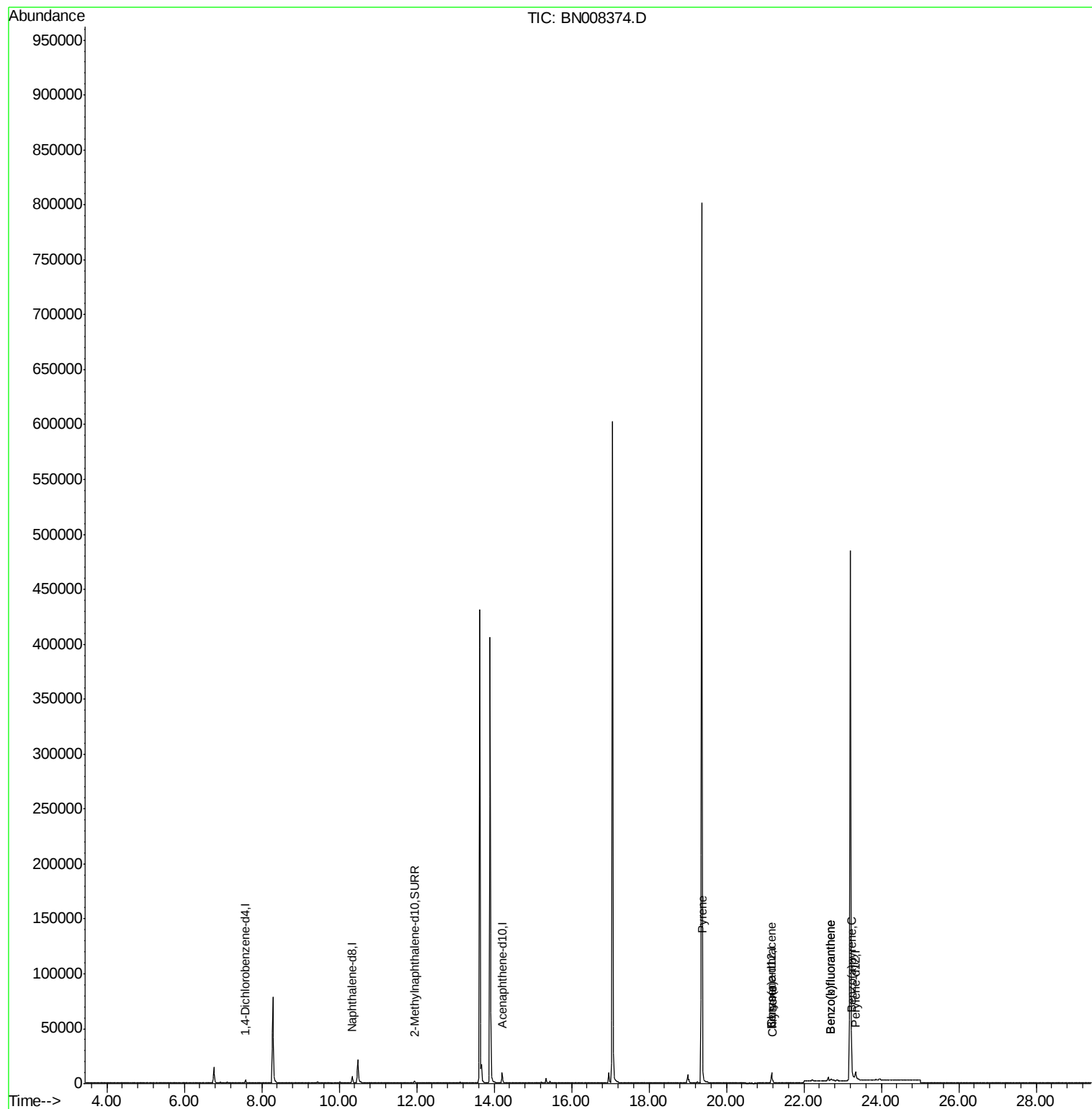
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1669	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8255	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5169	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	10042	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9163	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3012	0.22	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	8832	0.00	ng/ul	-0.01
Target Compounds						
17) Pyrene	19.39	202	2892	0.072	ng/ul#	85
18) Benzo(a)anthracene	21.15	228	1383	0.038	ng/ul#	87
19) Chrysene	21.20	228	1548	0.035	ng/ul#	90
21) Benzo(b)fluoranthene	22.70	252	2529	0.085	ng/ul#	17
22) Benzo(k)fluoranthene	22.70	252	2529	0.075	ng/ul#	16
23) Benzo(a)pyrene	23.24	252	1124	0.036	ng/ul#	5

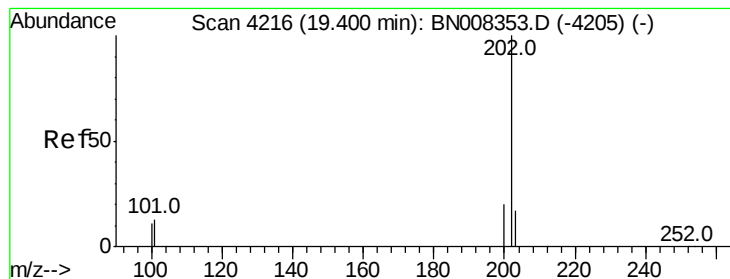
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pvrene

Concen: 0.072 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN008374.D

Acq: 24 Oct 2019 05:52

Instrument :

BNA_N

ClientSampleId :

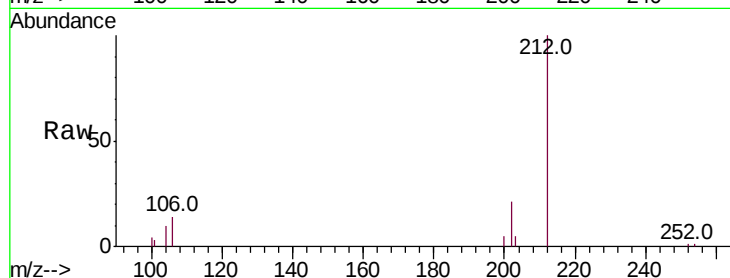
Tot Ion:202 Resp: 2892

Ion Ratio Lower Upper

202 100

101 16.7 10.9 16.3#

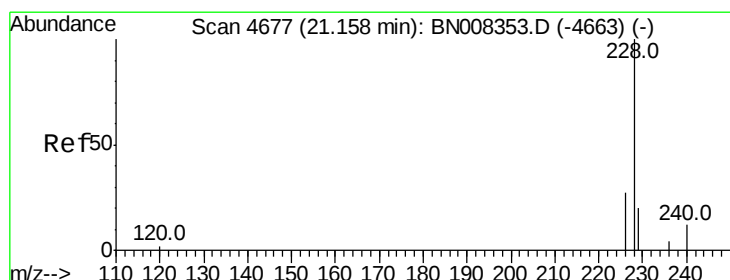
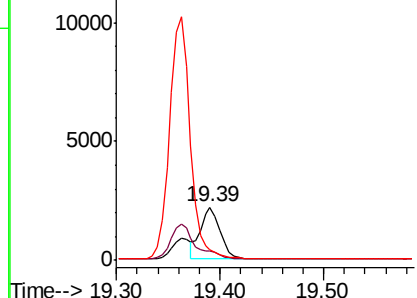
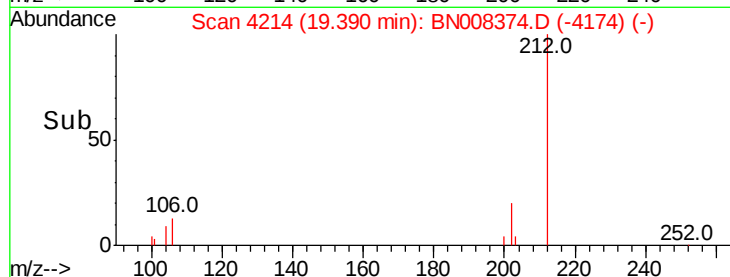
100 20.2 8.7 13.1#



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: 0.038 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

Lab File: BN008374.D

Acq: 24 Oct 2019 05:52

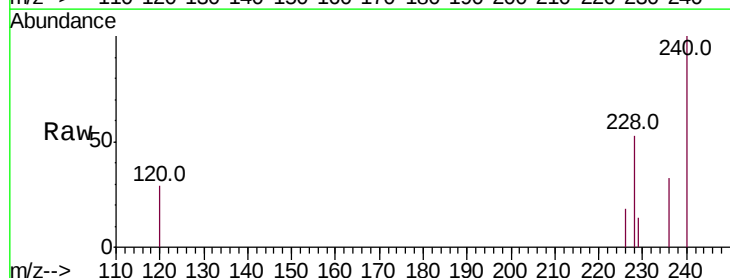
Tgt Ion:228 Resp: 1383

Ion Ratio Lower Upper

228 100

229 26.6 16.2 24.2#

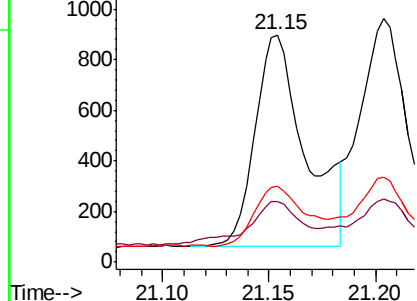
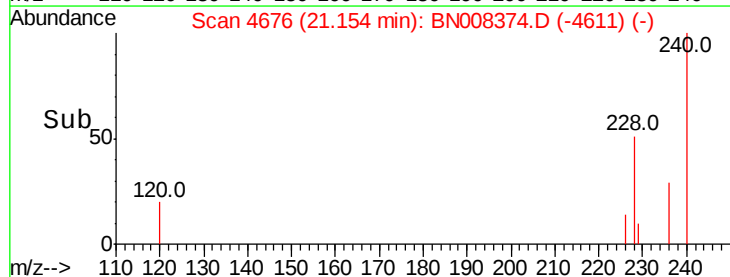
226 33.3 21.4 32.0#

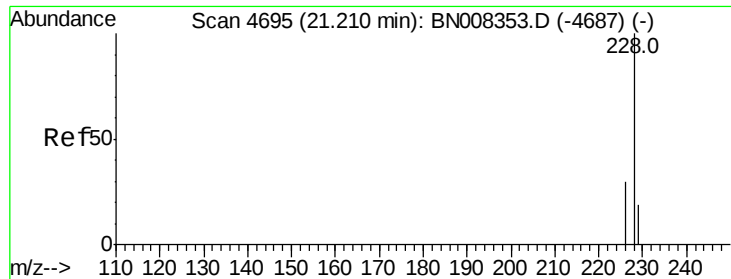


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.035 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008374.D

Acq: 24 Oct 2019 05:52

Instrument :

BNA_N

ClientSampleId :

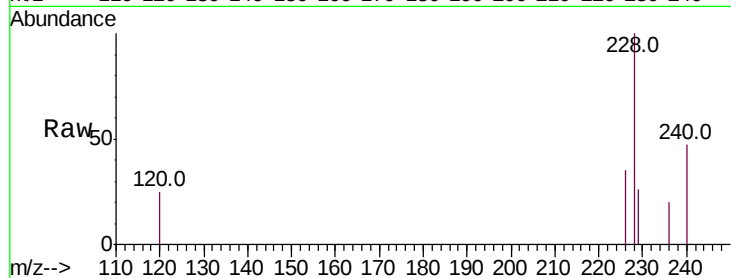
Tot Ion:228 Resp: 1548

Ion Ratio Lower Upper

228 100

226 34.6 24.1 36.1

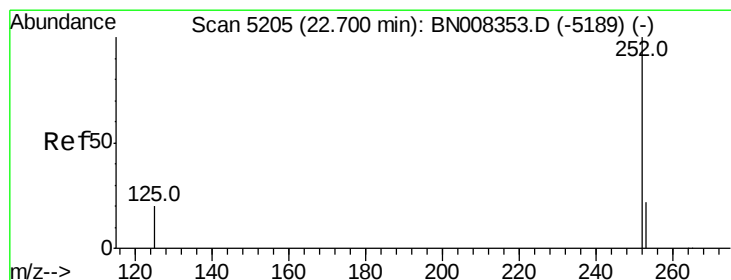
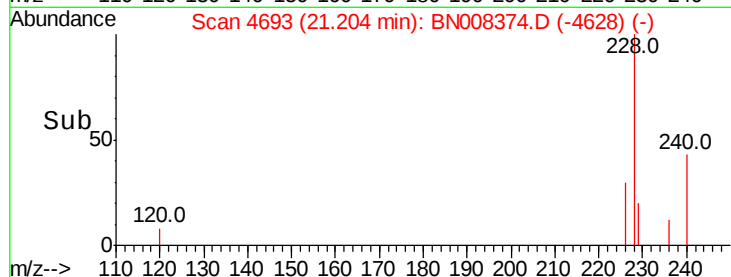
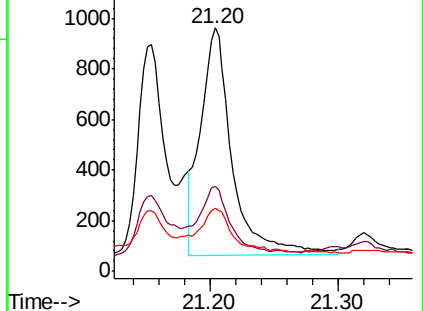
229 25.9 16.2 24.2#



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



#21

Benzo(b)fluoranthene

Concen: 0.085 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.01 min

Lab File: BN008374.D

Acq: 24 Oct 2019 05:52

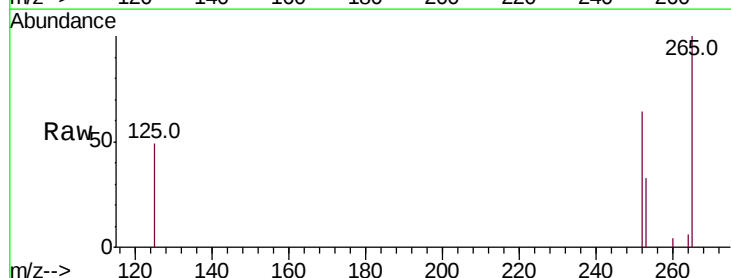
Tgt Ion:252 Resp: 2529

Ion Ratio Lower Upper

252 100

253 51.6 0.0 53.4

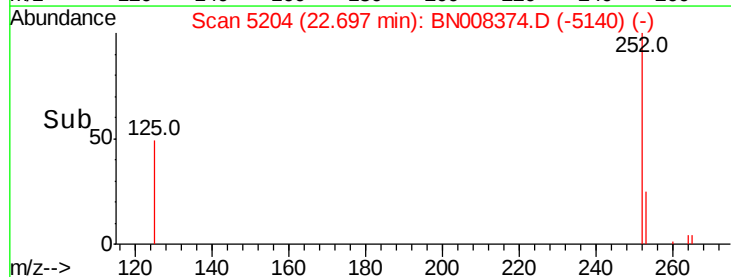
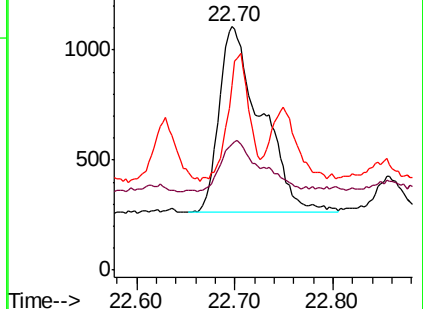
125 75.9 0.0 32.4#

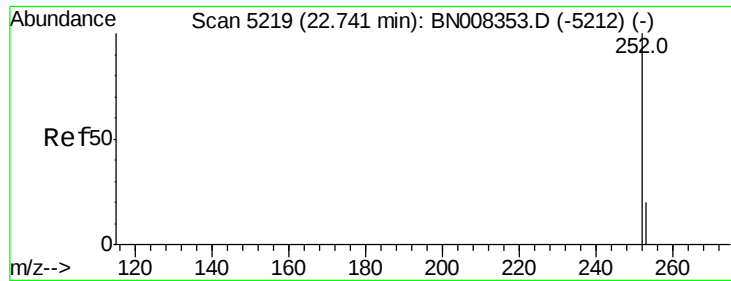


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

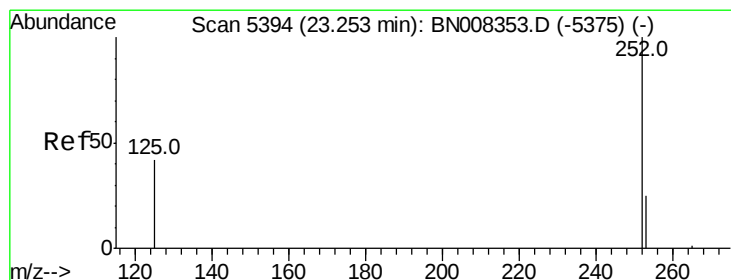
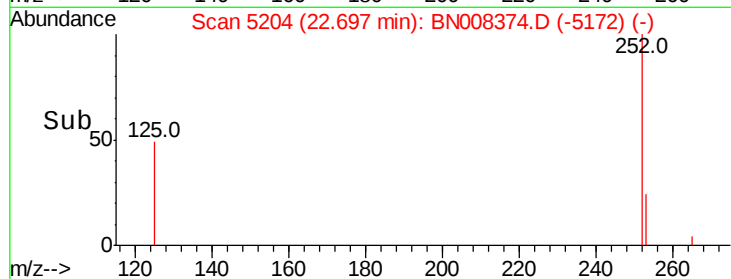
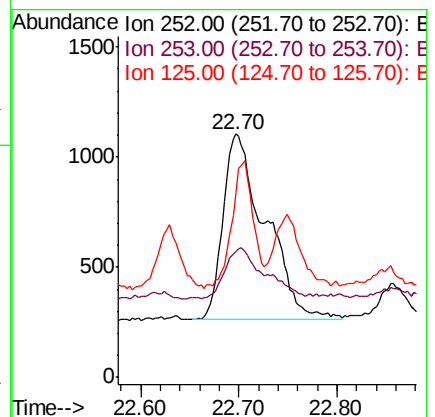
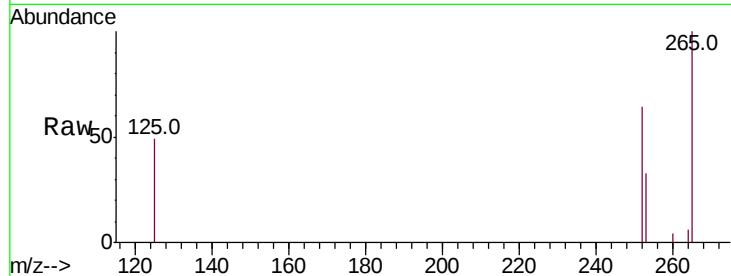




#22
Benzo(k)fluoranthene
Concen: 0.075 ng/ul
RT: 22.70 min Scan# 5204
Delta R.T. -0.06 min
Lab File: BN008374.D
Acq: 24 Oct 2019 05:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:252 Resp: 2529
Ion Ratio Lower Upper
252 100
253 51.6 21.3 31.9#
125 75.9 12.3 18.5#



#23
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.24 min Scan# 5390
Delta R.T. -0.02 min
Lab File: BN008374.D
Acq: 24 Oct 2019 05:52

Tgt Ion:252 Resp: 1124
Ion Ratio Lower Upper
252 100
253 59.3 22.8 34.2#
125 91.1 18.4 27.6#

