

Data File : BN009113.D
Acq On : 24 Dec 2019 07:22
Operator : JU
Sample : K6254-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C14

Quant Time: Dec 24 07:59:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 06:49:13 2019
Response via : Initial Calibration

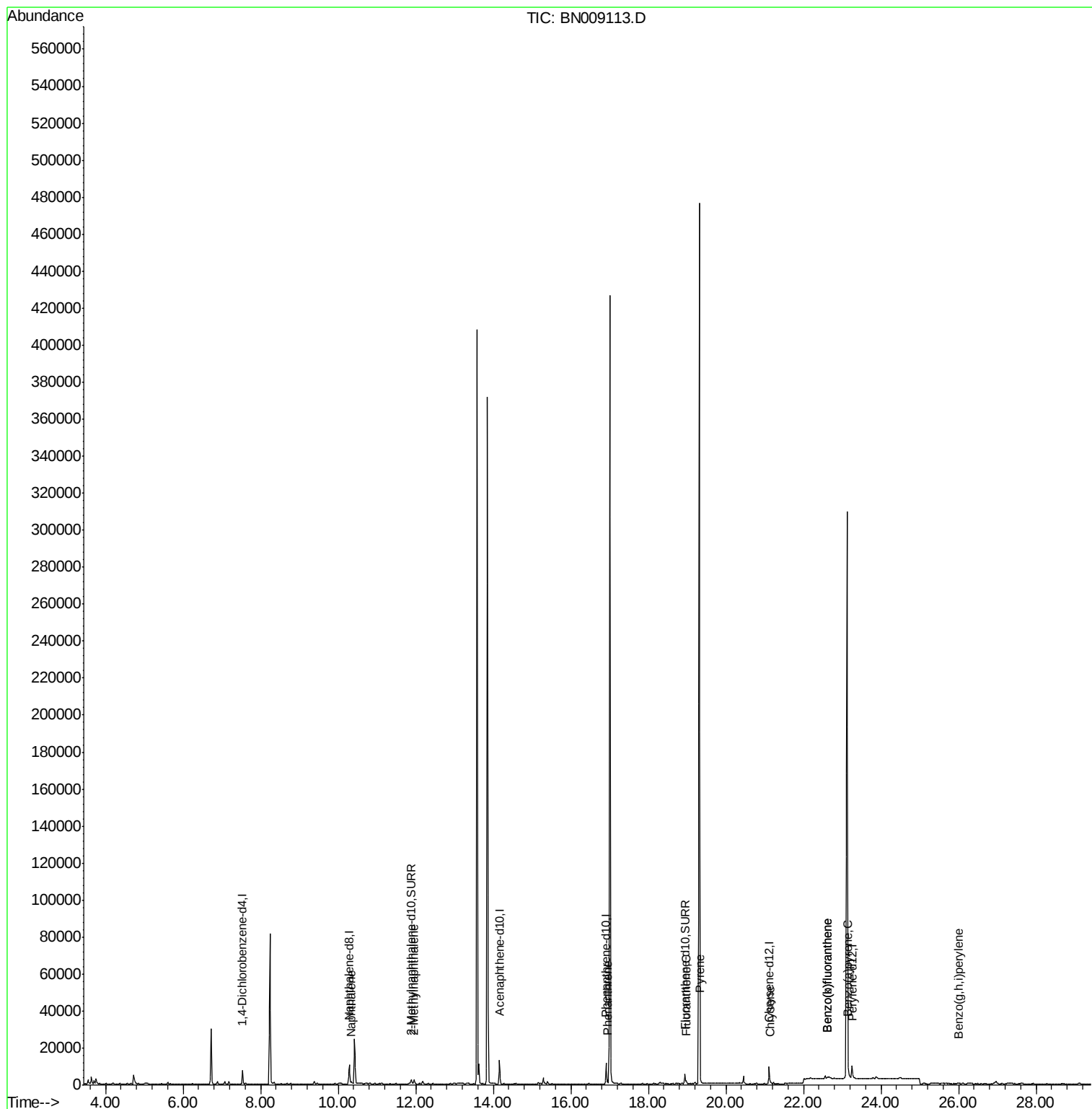
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	3548	0.40	ng/ul	0.00
2) Naphthalene-d8	10.28	136	12967	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	6854	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	12844	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	7997	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	8225	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.88	152	3255	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	5662	0.15	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.33	128	1553	0.039	ng/ul#	87
5) 2-Methylnaphthalene	11.96	142	1715	0.058	ng/ul	98
12) Phenanthrene	16.95	178	2581	0.058	ng/ul	95
15) Fluoranthene	18.97	202	1334	0.026	ng/ul	83
17) Pyrene	19.34	202	1360	0.033	ng/ul#	84
19) Chrysene	21.15	228	1070	0.030	ng/ul#	78
21) Benzo(b)fluoranthene	22.63	252	1653	0.043	ng/ul#	1
22) Benzo(k)fluoranthene	22.63	252	1639	0.042	ng/ul#	1
23) Benzo(a)pyrene	23.16	252	784	0.023	ng/ul#	1
26) Benzo(g,h,i)perylene	25.99	276	618	0.020	ng/ul#	39

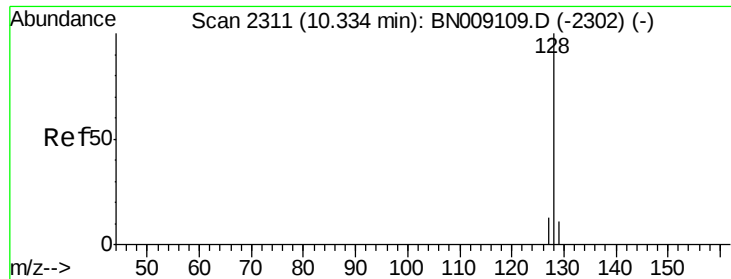
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.33 min Scan# 2311

Delta R.T. 0.00 min

Lab File: BN009113.D

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Instrument :

BNA_N

ClientSampleId :

C0C14

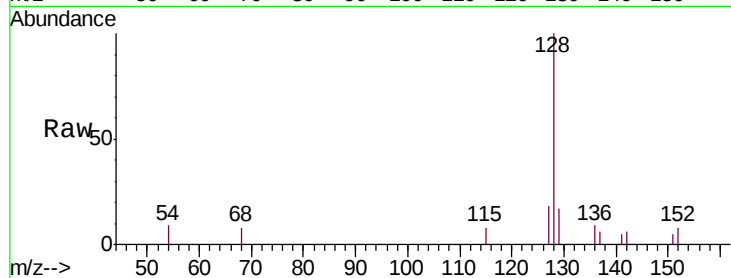
Tgt Ion:128 Resp: 1553

Ion Ratio Lower Upper

128 100

129 17.1 9.0 13.4#

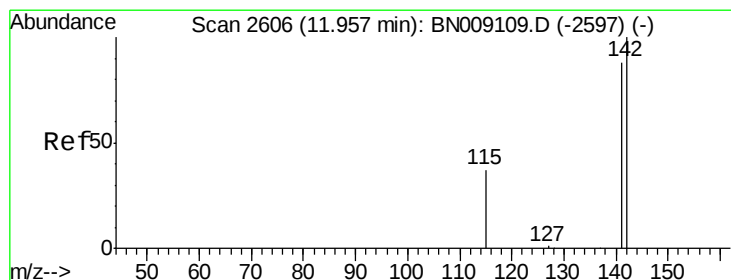
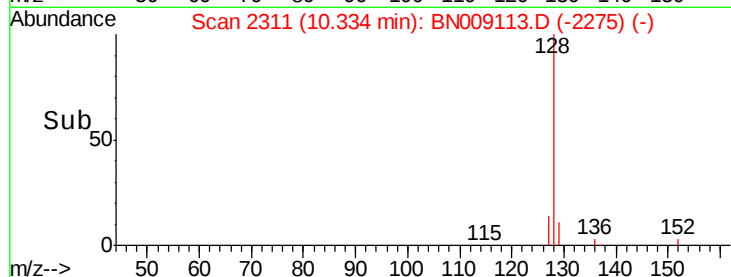
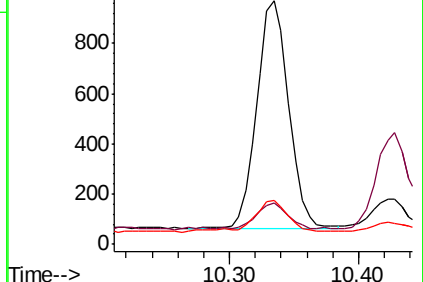
127 18.0 10.9 16.3#



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: 0.058 ng/ul

RT: 11.96 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BN009113.D

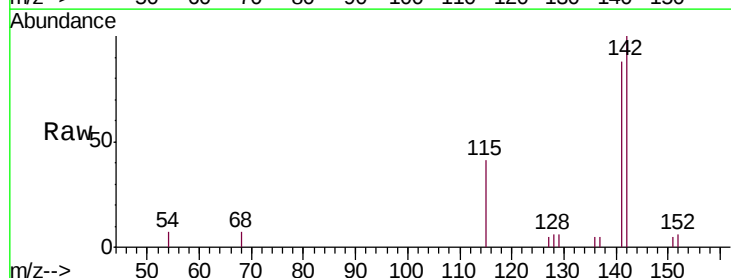
Acq: 24 Dec 2019 07:22

Tgt Ion:142 Resp: 1715

Ion Ratio Lower Upper

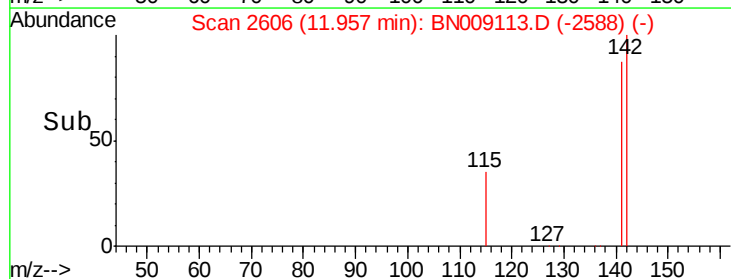
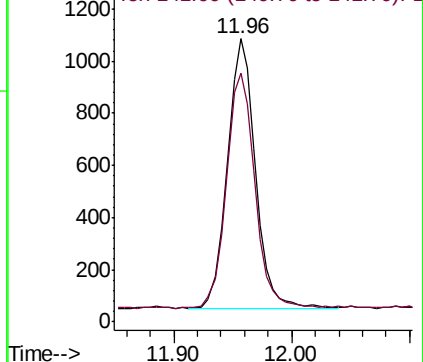
142 100

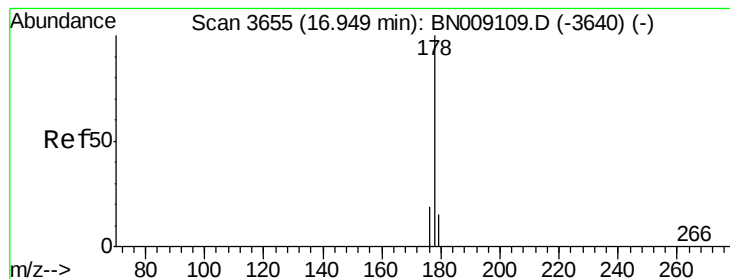
141 89.3 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.058 ng/ul

RT: 16.95 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

Instrument :

BNA_N

ClientSampleId :

C0C14

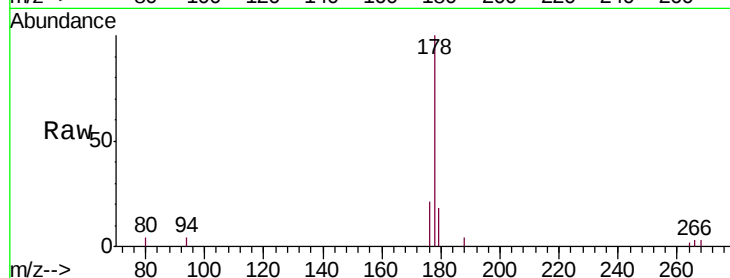
Tgt Ion:178 Resp: 2581

Ion Ratio Lower Upper

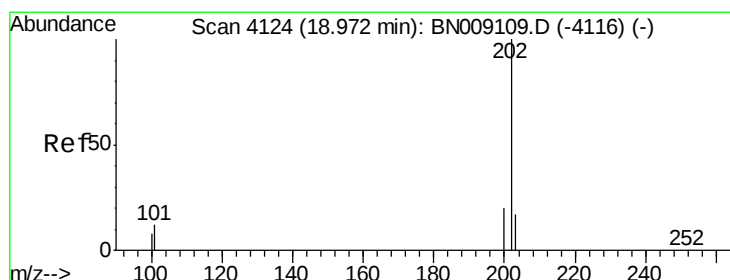
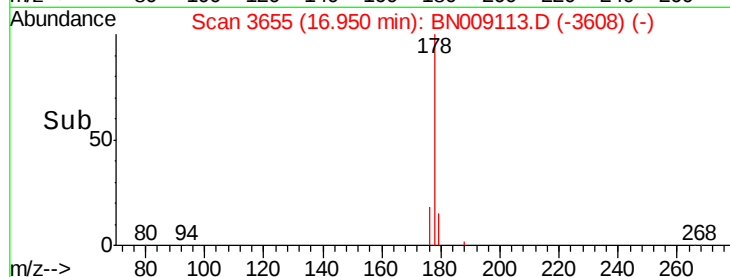
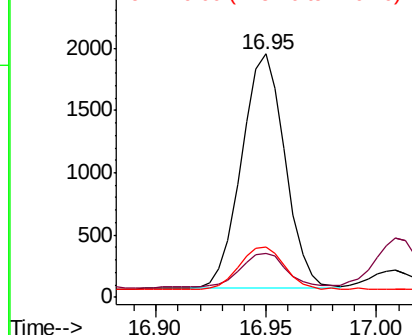
178 100

179 18.2 12.3 18.5

176 20.5 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.026 ng/ul

RT: 18.97 min Scan# 4124

Delta R.T. 0.00 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

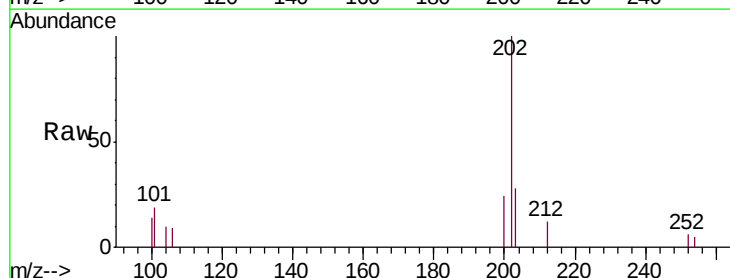
Tgt Ion:202 Resp: 1334

Ion Ratio Lower Upper

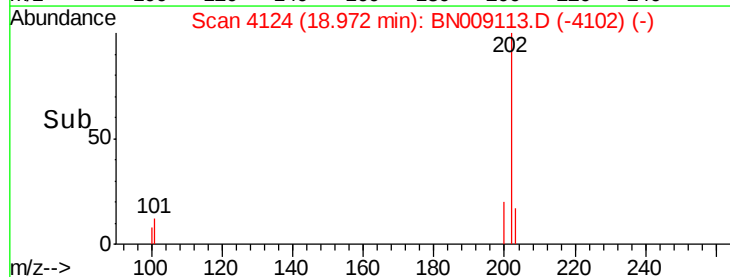
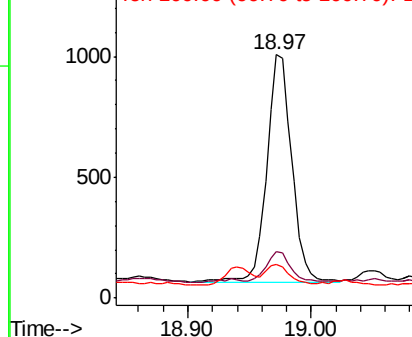
202 100

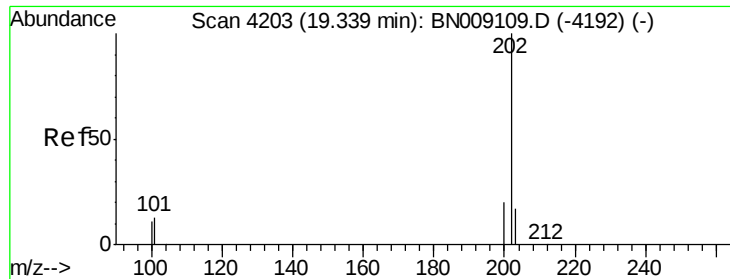
101 19.0 0.0 31.5

100 13.7 0.0 28.9



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

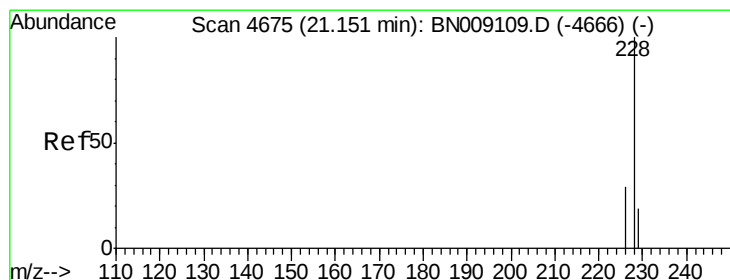
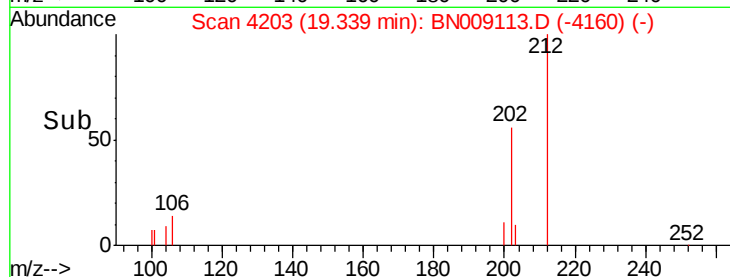
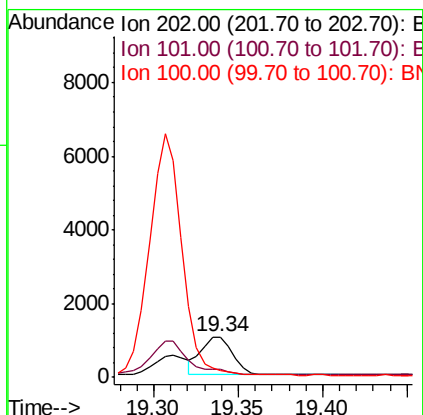
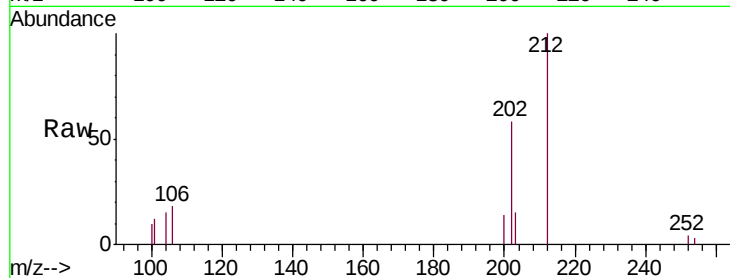




#17
 Pyrene
 Concen: 0.033 ng/ul
 RT: 19.34 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: BN009113.D
 Acq: 24 Dec 2019 07:22

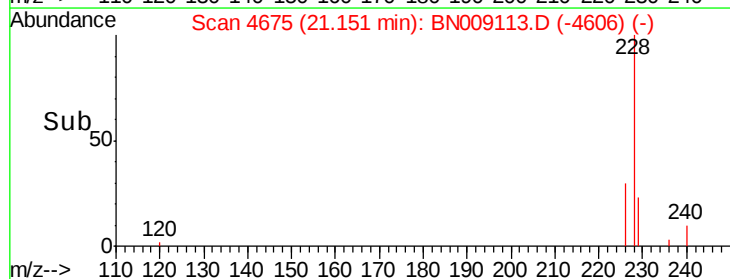
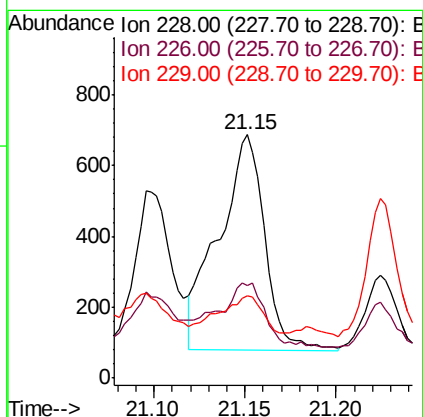
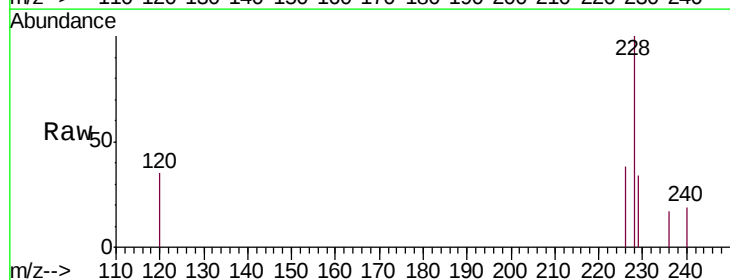
Instrument :
 BNA_N
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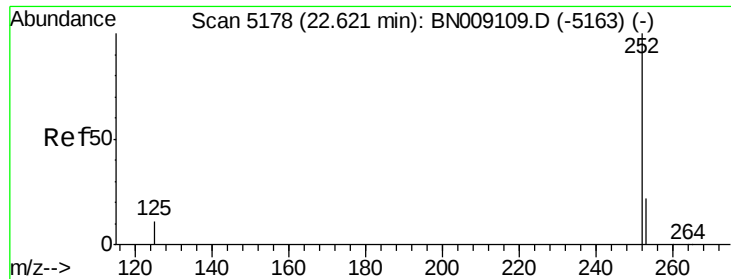
Tgt Ion:202 Resp: 1360
 Ion Ratio Lower Upper
 202 100
 101 20.0 10.9 16.3#
 100 17.1 9.0 13.6#



#19
 Chrysene
 Concen: 0.030 ng/ul
 RT: 21.15 min Scan# 4675
 Delta R.T. 0.00 min
 Lab File: BN009113.D
 Acq: 24 Dec 2019 07:22

Tgt Ion:228 Resp: 1070
 Ion Ratio Lower Upper
 228 100
 226 38.1 23.7 35.5#
 229 33.6 15.4 23.0#





#21

Benzo(b)fluoranthene

Concen: 0.043 ng/u1

RT: 22.63 min Scan# 5180

Delta R.T. 0.01 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

Instrument :

BNA_N

ClientSampleId :

C0C14

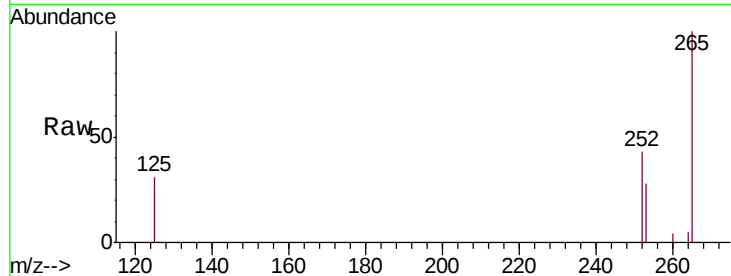
Tgt Ion:252 Resp: 1653

Ion Ratio Lower Upper

252 100

253 63.5 0.0 48.2#

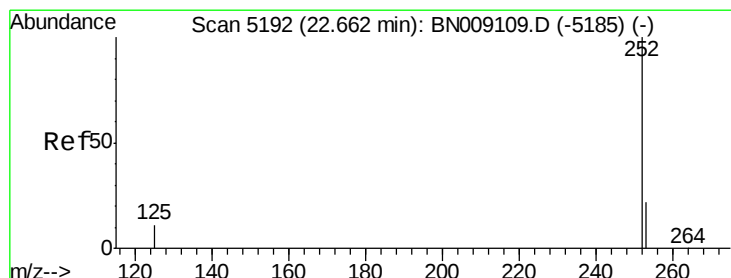
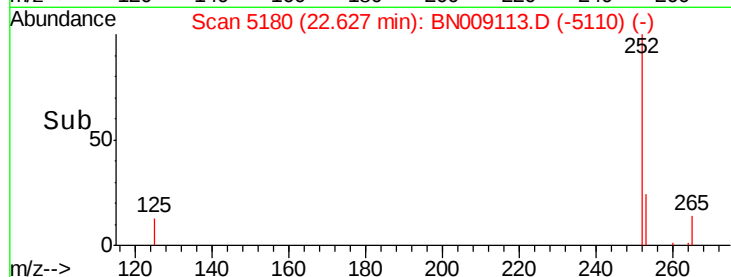
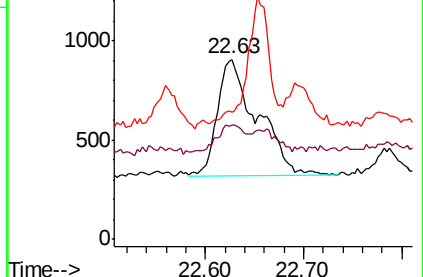
125 70.6 0.0 30.0#



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: 0.042 ng/u1

RT: 22.63 min Scan# 5180

Delta R.T. -0.03 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

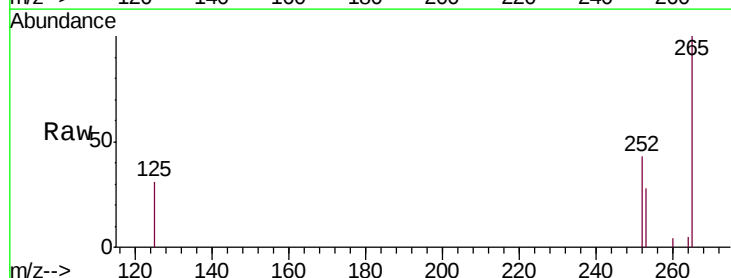
Tgt Ion:252 Resp: 1639

Ion Ratio Lower Upper

252 100

253 63.5 19.4 29.0#

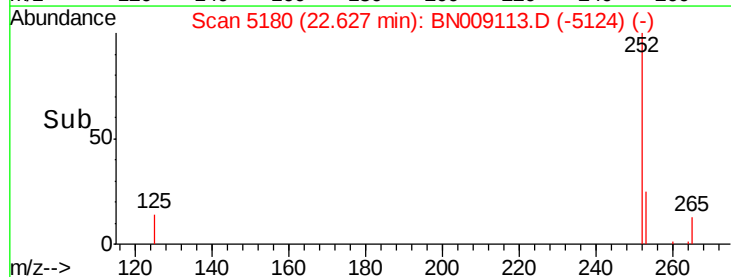
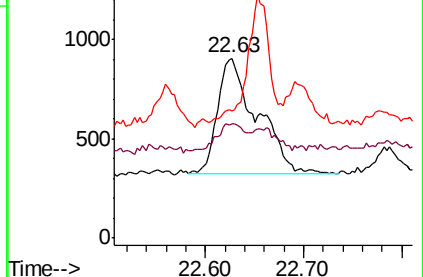
125 70.6 12.4 18.6#

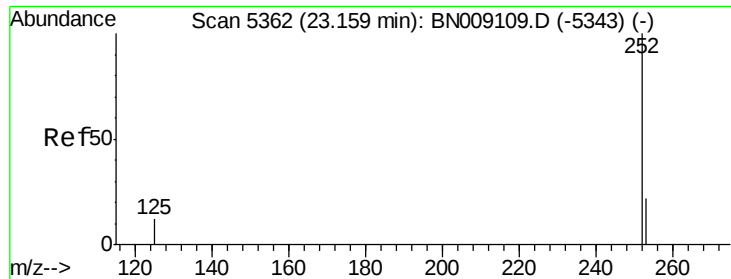


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.023 ng/u1

RT: 23.16 min Scan# 5362

Delta R.T. 0.00 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

Instrument :

BNA_N

ClientSampleId :

C0C14

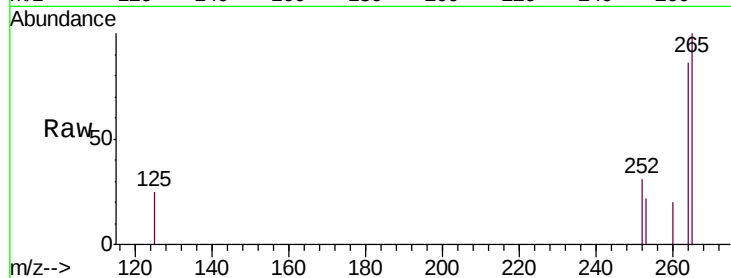
Tgt Ion:252 Resp: 784

Ion Ratio Lower Upper

252 100

253 70.7 20.2 30.4#

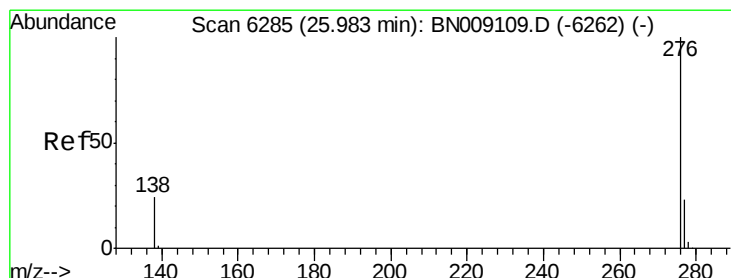
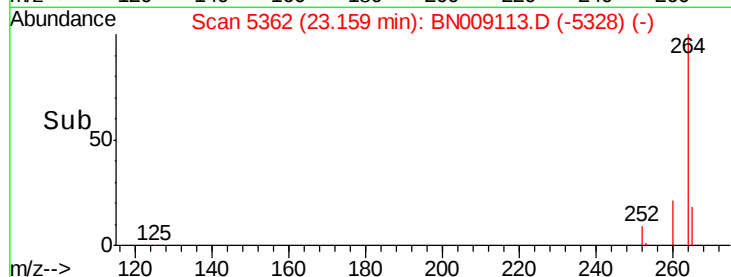
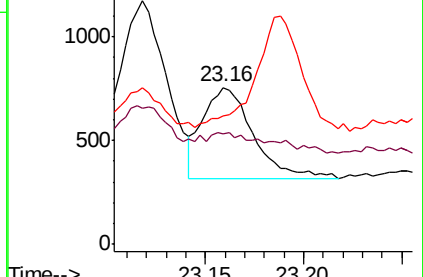
125 81.6 13.2 19.8#



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



#26

Benzo(g,h,i)perylene

Concen: 0.020 ng/u1

RT: 25.99 min Scan# 6287

Delta R.T. 0.01 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

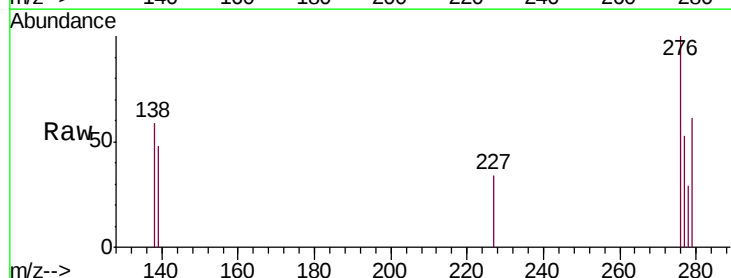
Tgt Ion:276 Resp: 618

Ion Ratio Lower Upper

276 100

138 58.6 20.6 30.8#

277 52.5 19.6 29.4#



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

