

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008922.D
 Acq On : 11 Dec 2019 18:10
 Operator : JU
 Sample : K6088-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 12 00:22:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 11 10:35:08 2019
 Response via : Initial Calibration

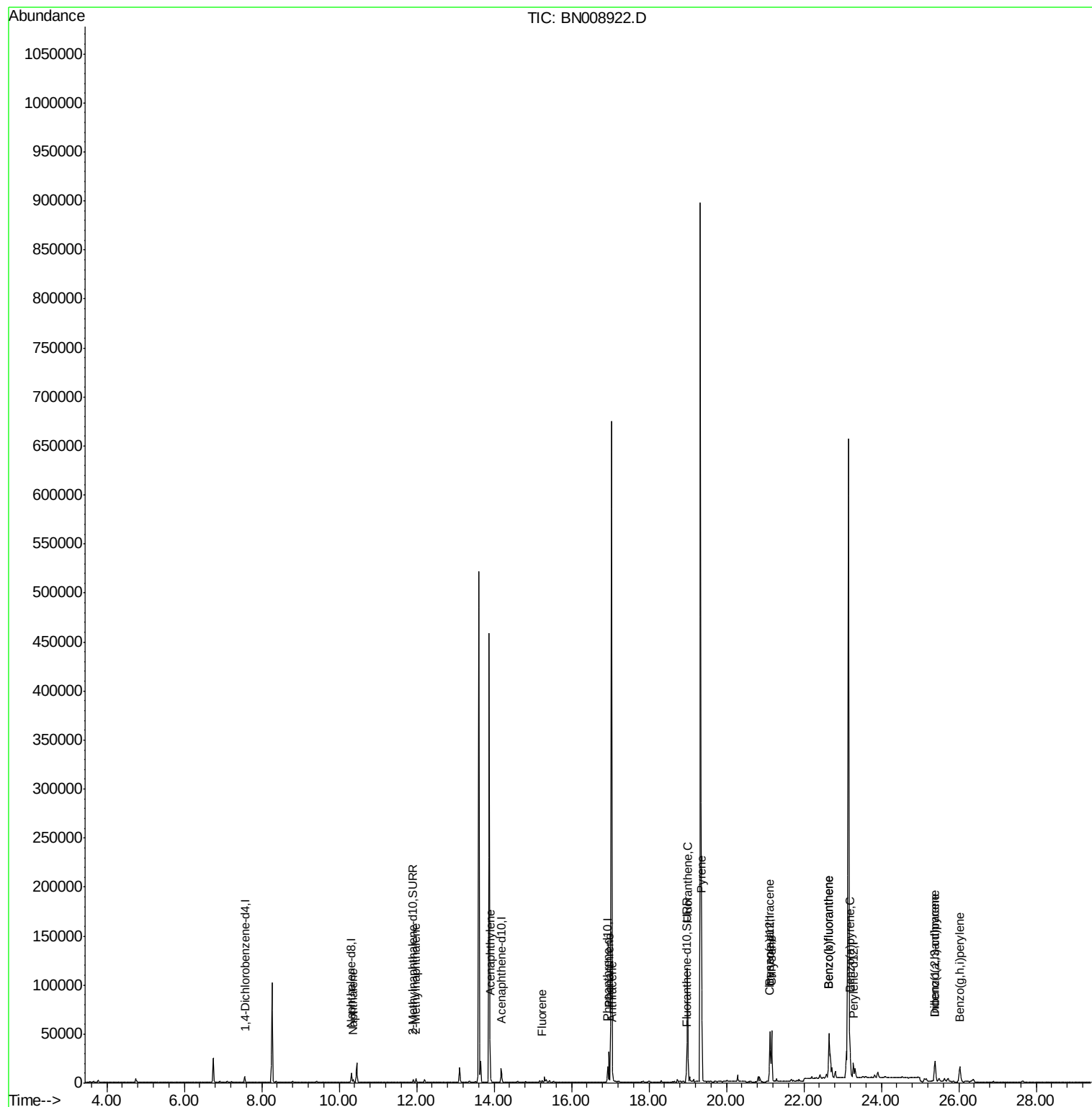
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2831	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	12337	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7946	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	18289	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	16378	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	17908	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3571	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	10715	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	3355	0.090	ng/ul#	94
5) 2-Methylnaphthalene	11.98	142	2803	0.108	ng/ul	98
7) Acenaphthylene	13.90	152	6199	0.141	ng/ul	97
9) Fluorene	15.24	166	897	0.023	ng/ul#	84
12) Phenanthrene	16.97	178	32583	0.528	ng/ul	100
13) Anthracene	17.06	178	4625	0.079	ng/ul#	94
15) Fluoranthene	19.00	202	94858	1.252	ng/ul	99
17) Pyrene	19.36	202	82596	1.257	ng/ul	99
18) Benzo(a)anthracene	21.12	228	39996	0.607	ng/ul	95
19) Chrysene	21.17	228	50835	0.786	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	90990	1.232	ng/ul	97
22) Benzo(k)fluoranthene	22.64	252	91134	1.244	ng/ul	96
23) Benzo(a)pyrene	23.19	252	42809	0.618	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.38	276	30648	0.378	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.39	278	7463	0.114	ng/ul#	87
26) Benzo(a,h,i)perylene	26.03	276	29373	0.433	ng/ul	98

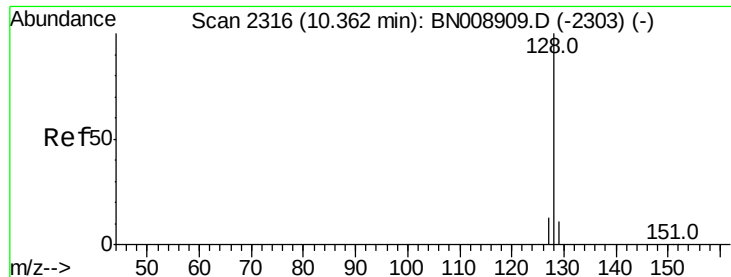
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 12 00:22:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.090 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008922.D

Acq: 11 Dec 2019 18:10

Instrument :

BNA_N

ClientSampled :

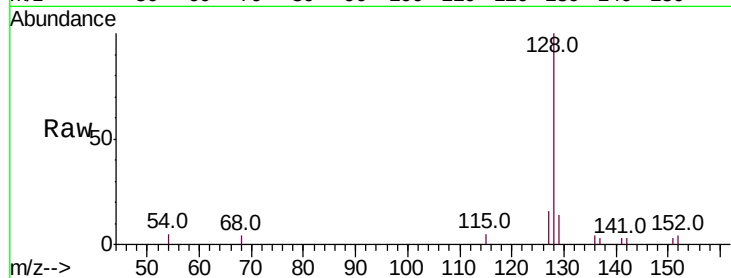
Tot Ion:128 Resp: 3355

Ion Ratio Lower Upper

128 100

129 13.7 9.1 13.7#

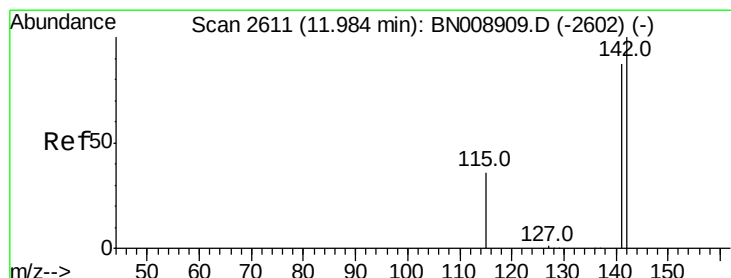
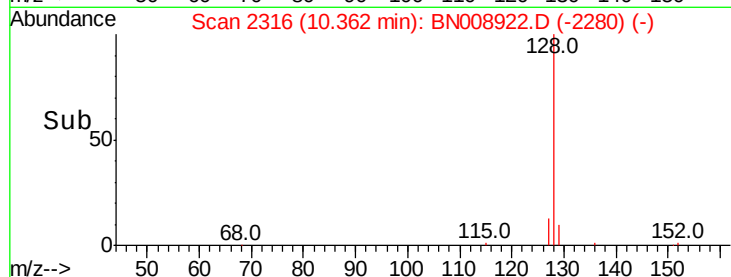
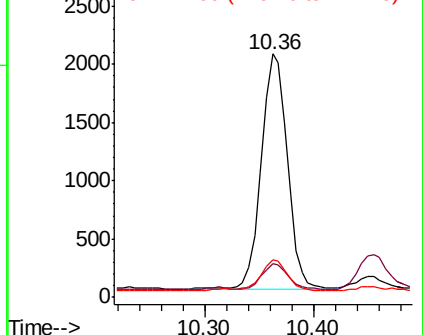
127 15.6 10.7 16.1



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: 0.108 ng/ul

RT: 11.98 min Scan# 2611

Delta R.T. 0.00 min

Lab File: BN008922.D

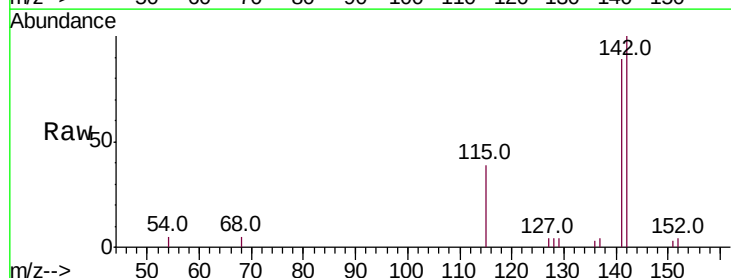
Acq: 11 Dec 2019 18:10

Tgt Ion:142 Resp: 2803

Ion Ratio Lower Upper

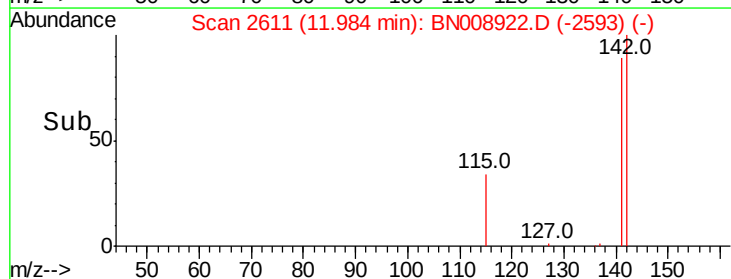
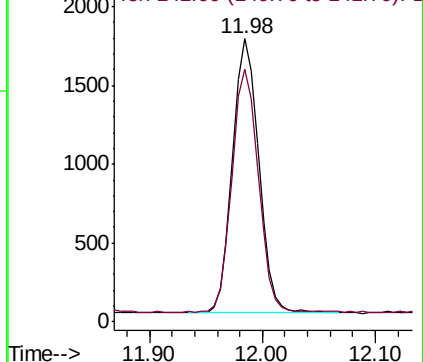
142 100

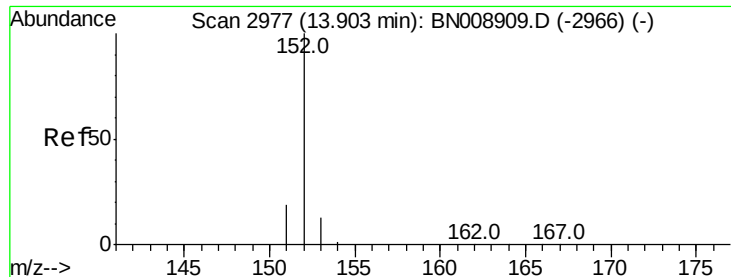
141 89.6 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.141 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BN008922.D

Acq: 11 Dec 2019 18:10

Instrument :

BNA_N

ClientSampleId :

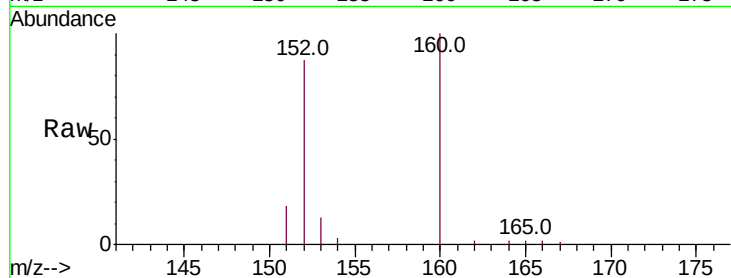
Tot Ion:152 Resp: 6199

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.6

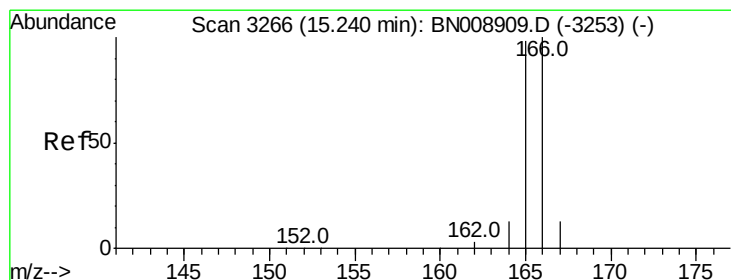
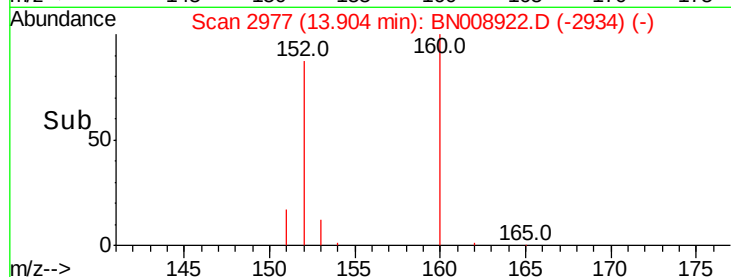
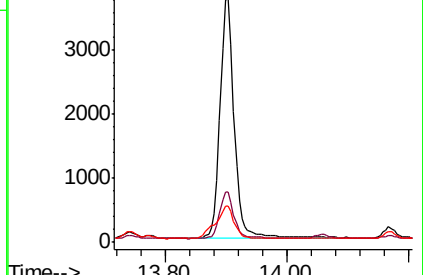
153 14.8 10.6 15.8



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



#9

Fluorene

Concen: 0.023 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BN008922.D

Acq: 11 Dec 2019 18:10

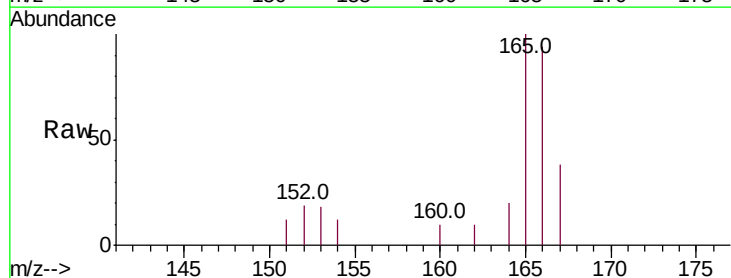
Tgt Ion:166 Resp: 897

Ion Ratio Lower Upper

166 100

165 106.5 77.7 116.5

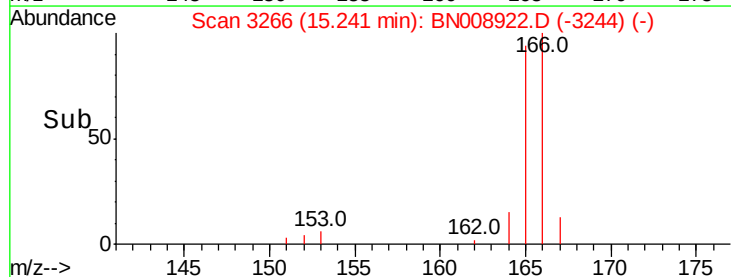
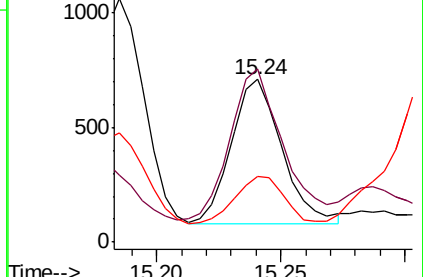
167 39.9 11.1 16.7#

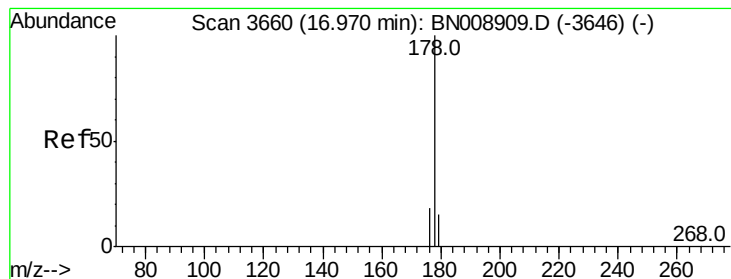


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.528 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008922.D

Acq: 11 Dec 2019 18:10

Instrument :

BNA_N

ClientSampleId :

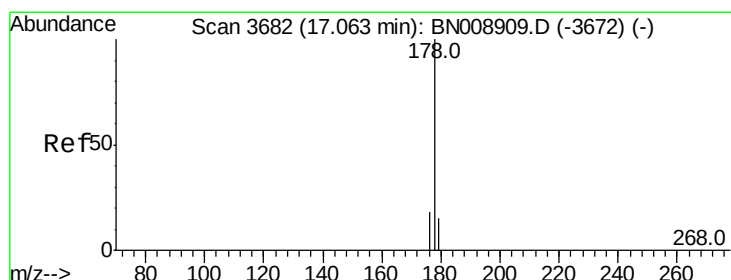
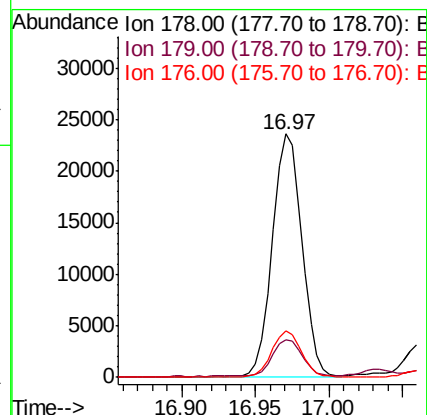
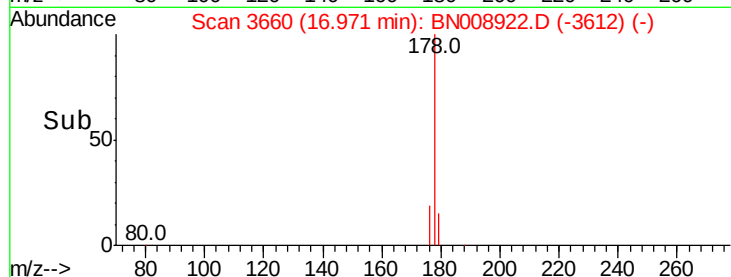
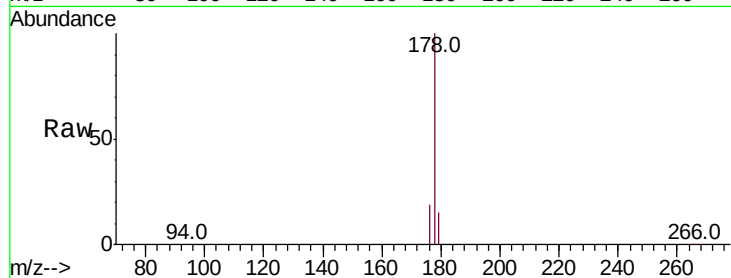
Tot Ion:178 Resp: 32583

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 19.1 15.3 22.9



#13

Anthracene

Concen: 0.079 ng/ul

RT: 17.06 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BN008922.D

Acq: 11 Dec 2019 18:10

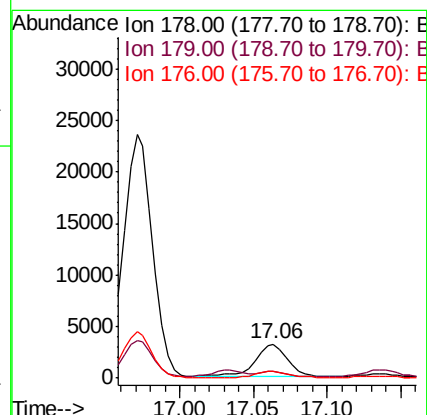
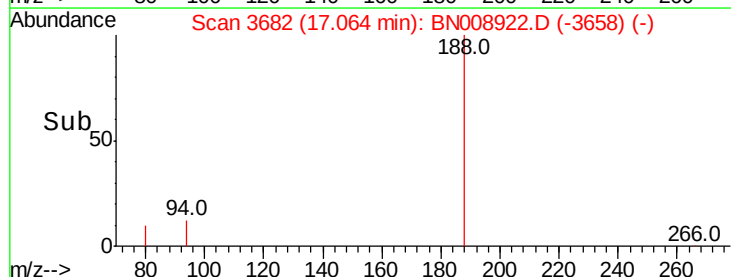
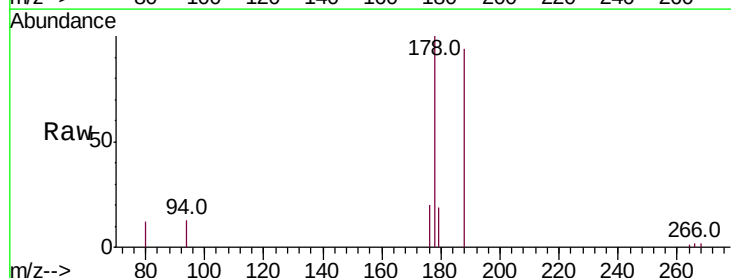
Tgt Ion:178 Resp: 4625

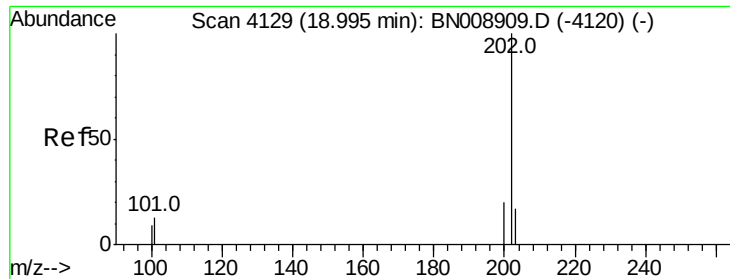
Ion Ratio Lower Upper

178 100

179 19.1 12.2 18.4#

176 19.7 14.7 22.1

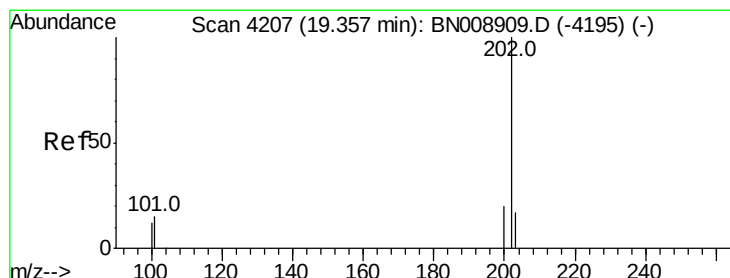
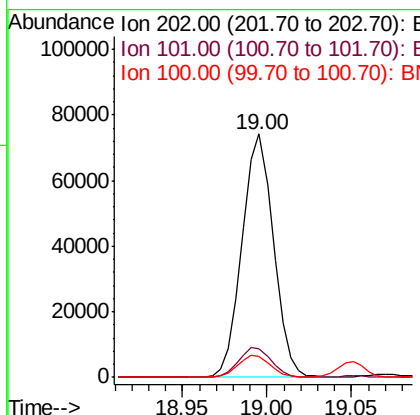
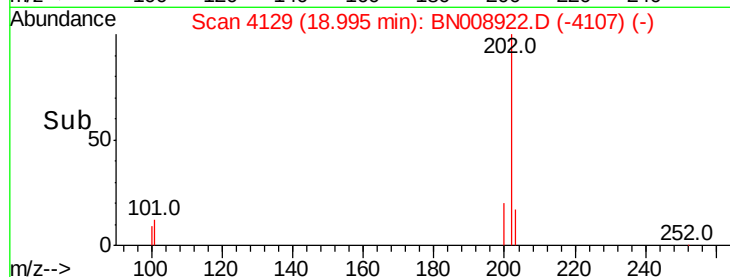
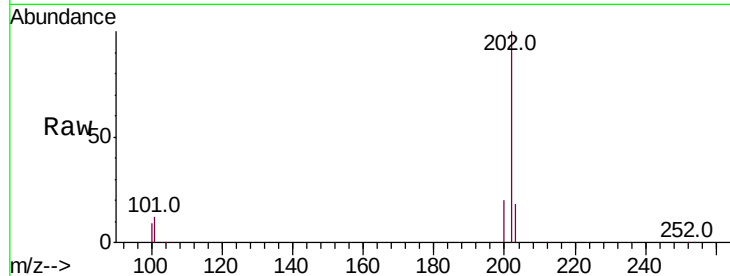




#15
Fluoranthene
Concen: 1.252 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008922.D
Acq: 11 Dec 2019 18:10

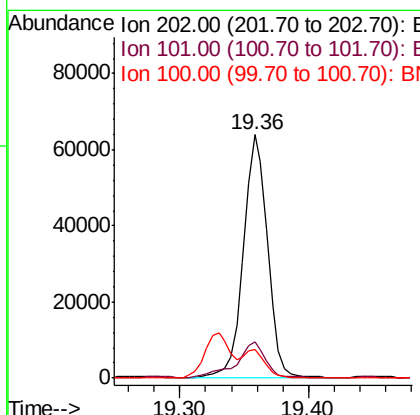
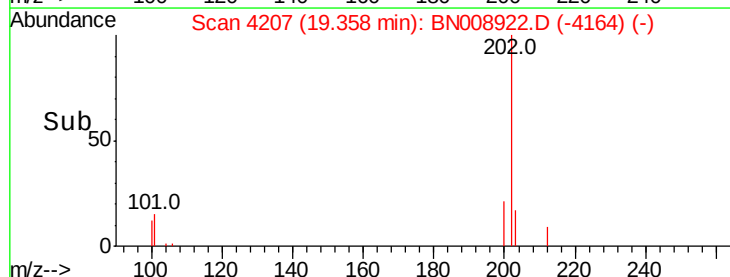
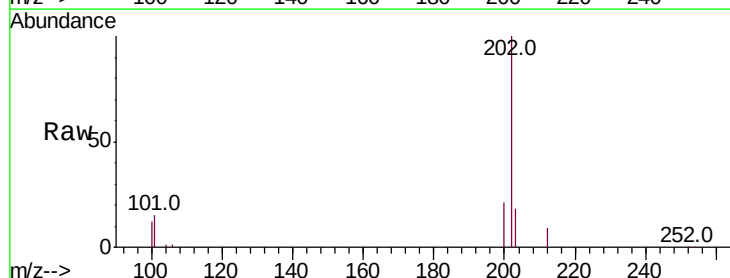
Instrument :
BNA_N
ClientSampleId :

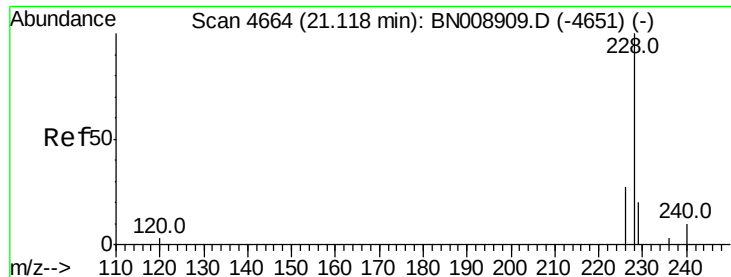
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.4
100	8.8	0.0	29.2



#17
Pyrene
Concen: 1.257 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008922.D
Acq: 11 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.2	18.4
100	11.9	9.5	14.3

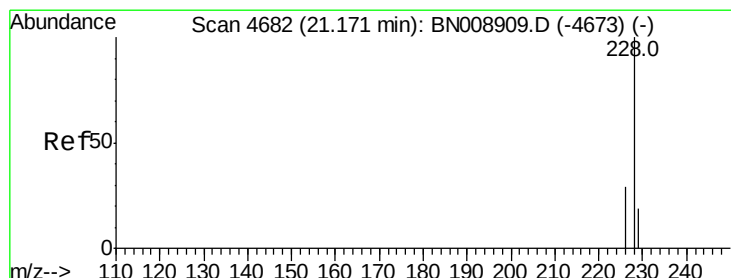
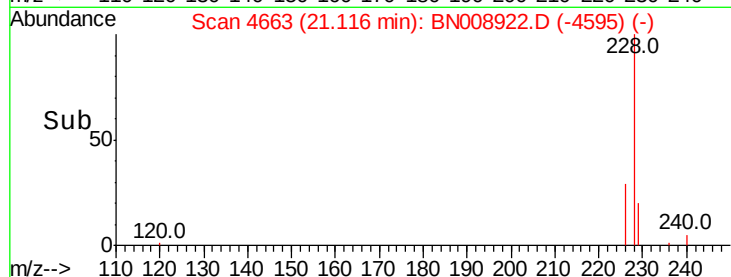
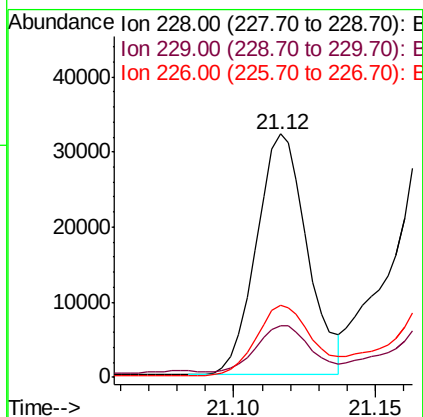
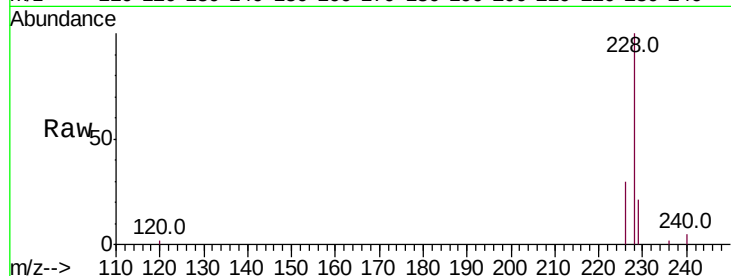




#18
Benzo(a)anthracene
Concen: 0.607 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008922.D
Acq: 11 Dec 2019 18:10

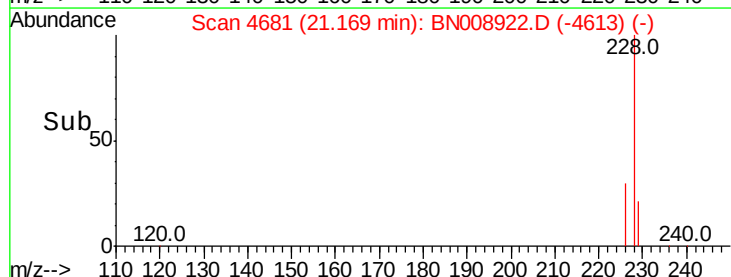
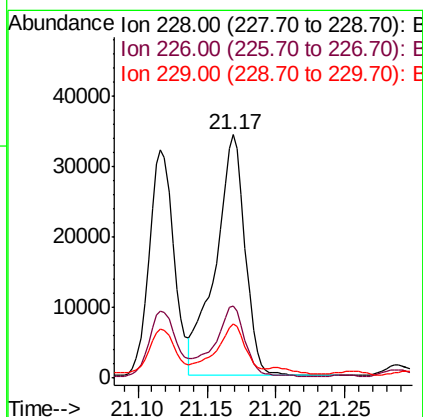
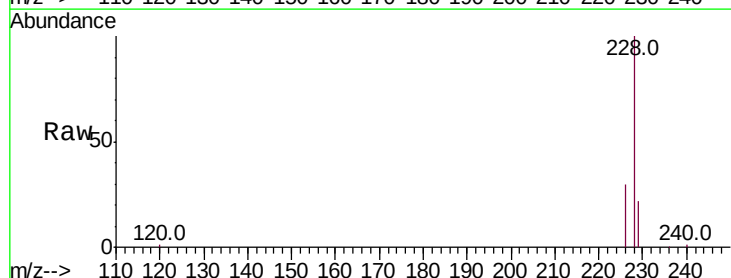
Instrument :
BNA_N
ClientSampleId :

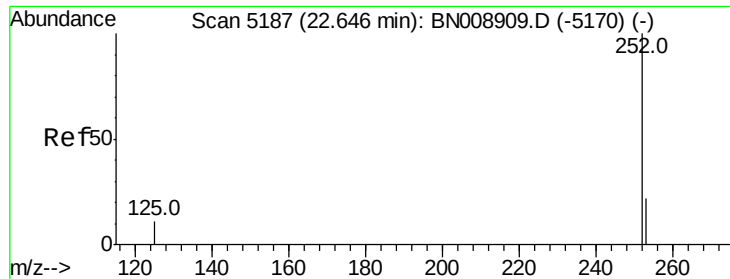
Tot Ion:228 Resp: 39996
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 29.5 21.5 32.3



#19
Chrysene
Concen: 0.786 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008922.D
Acq: 11 Dec 2019 18:10

Tgt Ion:228 Resp: 50835
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 22.3 15.6 23.4





#21

Benzo(b)fluoranthene

Concen: 1.232 ng/ul

RT: 22.64 min Scan# 5186

Delta R.T. -0.00 min

Lab File: BN008922.D

Acq: 11 Dec 2019 18:10

Instrument :

BNA_N

ClientSampleId :

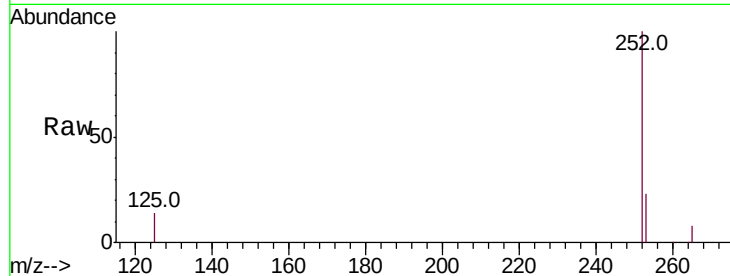
Tot Ion:252 Resp: 90990

Ion Ratio Lower Upper

252 100

253 23.3 0.0 48.6

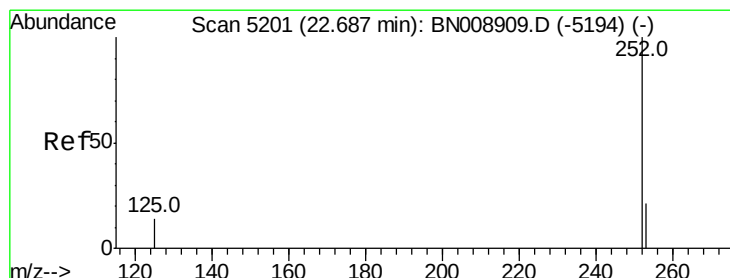
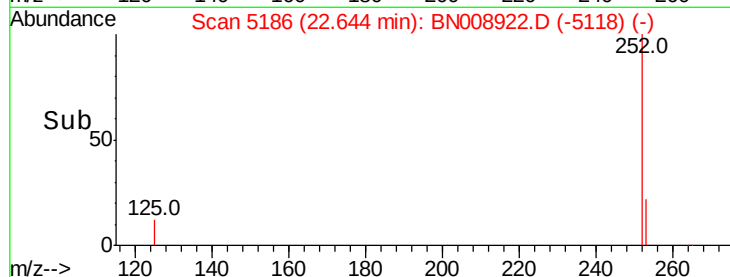
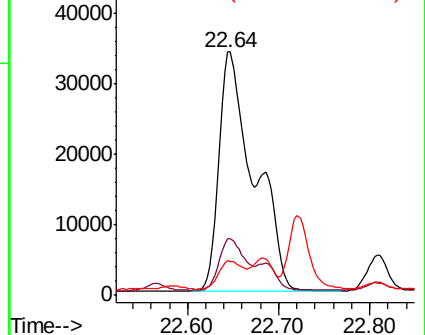
125 14.1 0.0 31.6



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



#22

Benzo(k)fluoranthene

Concen: 1.244 ng/ul

RT: 22.64 min Scan# 5186

Delta R.T. -0.04 min

Lab File: BN008922.D

Acq: 11 Dec 2019 18:10

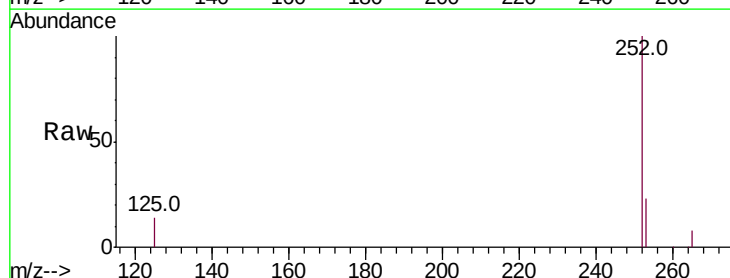
Tgt Ion:252 Resp: 91134

Ion Ratio Lower Upper

252 100

253 23.3 19.6 29.4

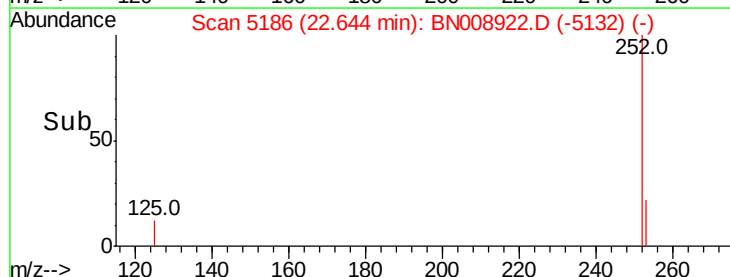
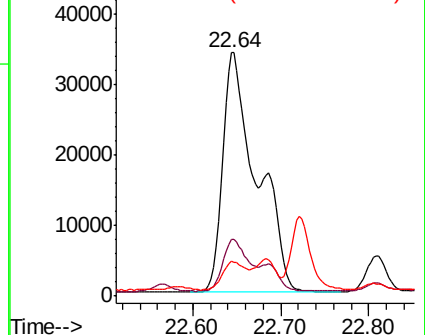
125 14.1 13.8 20.6

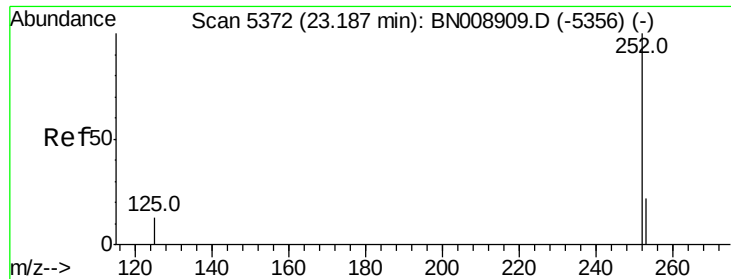


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.618 ng/ul

RT: 23.19 min Scan# 5372

Delta R.T. 0.00 min

Lab File: BN008922.D

Acq: 11 Dec 2019 18:10

Instrument :

BNA_N

ClientSampleId :

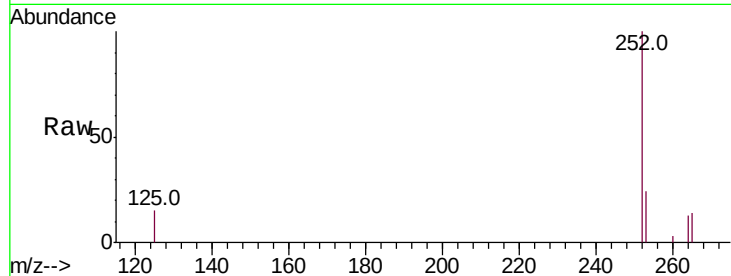
Tot Ion:252 Resp: 42809

Ion Ratio Lower Upper

252 100

253 23.8 19.9 29.9

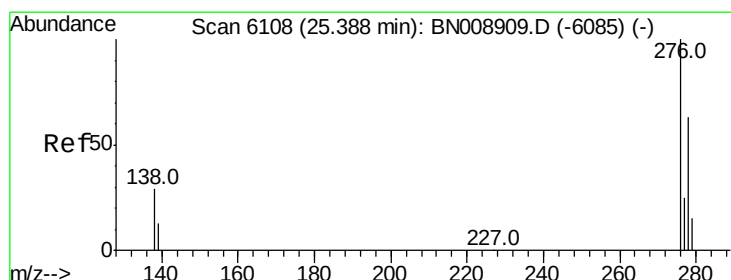
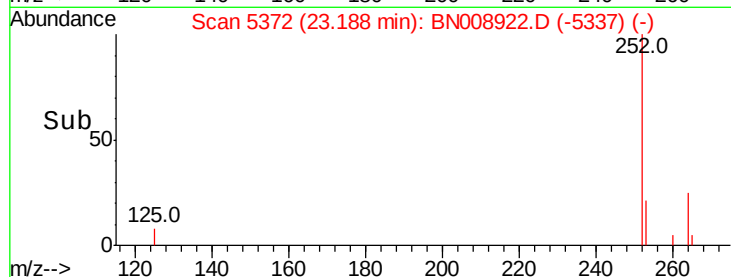
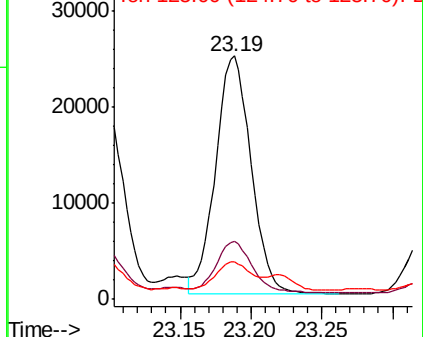
125 15.4 14.6 22.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.378 ng/ul

RT: 25.38 min Scan# 6106

Delta R.T. -0.01 min

Lab File: BN008922.D

Acq: 11 Dec 2019 18:10

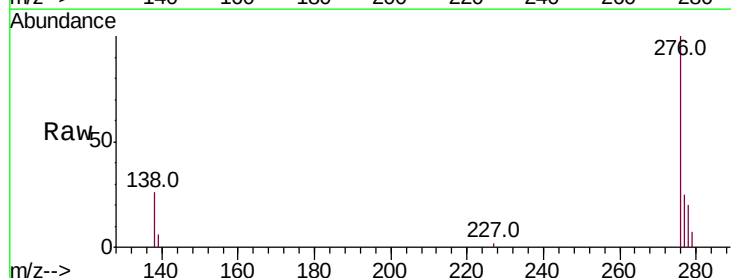
Tgt Ion:276 Resp: 30648

Ion Ratio Lower Upper

276 100

138 25.2 23.8 35.6

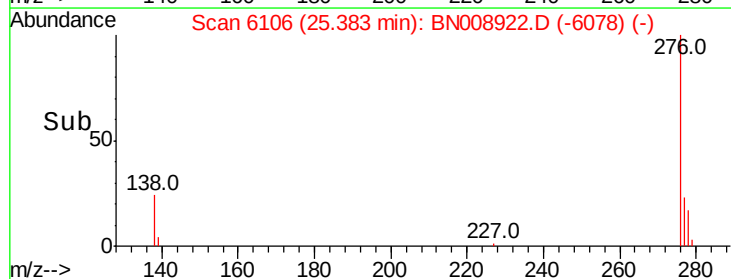
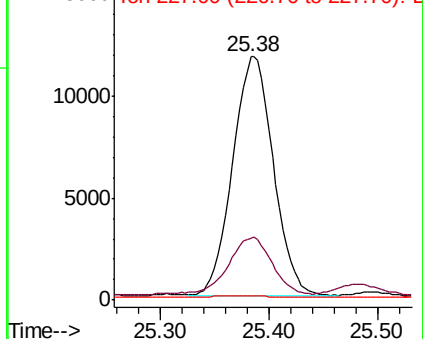
227 1.1 0.2 0.2#

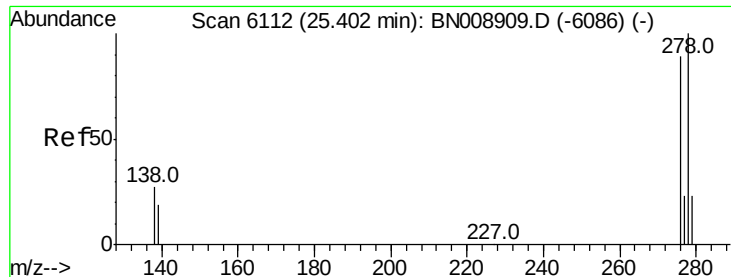


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

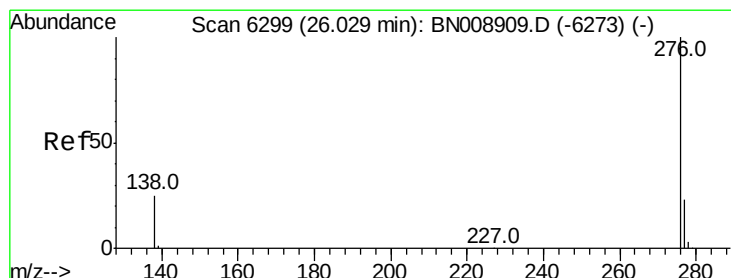
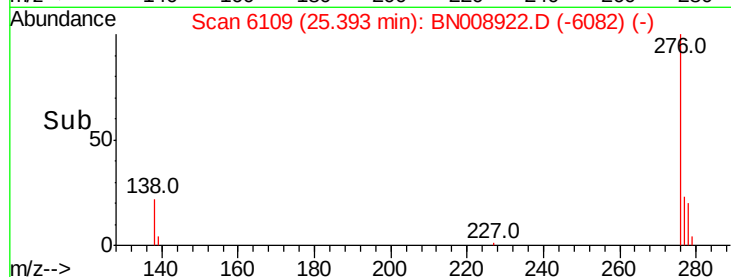
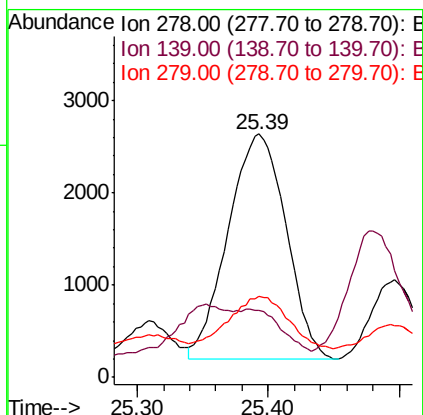
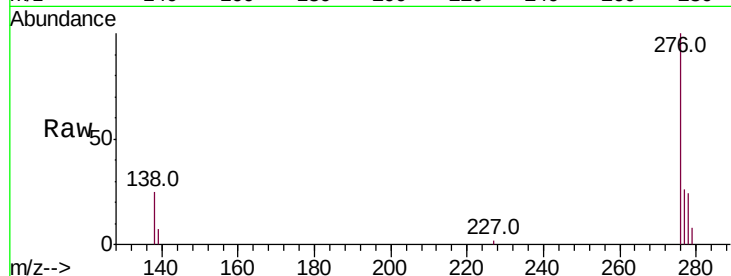




#25
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.01 min
Lab File: BN008922.D
Acq: 11 Dec 2019 18:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 7463
Ion Ratio Lower Upper
278 100
139 27.3 17.4 26.0#
279 33.1 20.5 30.7#



#26
Benzo(g,h,i)perylene
Concen: 0.433 ng/ul
RT: 26.03 min Scan# 6298
Delta R.T. -0.00 min
Lab File: BN008922.D
Acq: 11 Dec 2019 18:10

Tgt Ion:276 Resp: 29373
Ion Ratio Lower Upper
276 100
138 25.8 21.9 32.9
277 24.3 19.9 29.9

