

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008951.D
 Acq On : 12 Dec 2019 18:28
 Operator : JU
 Sample : K6089-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 13 00:50:54 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 : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

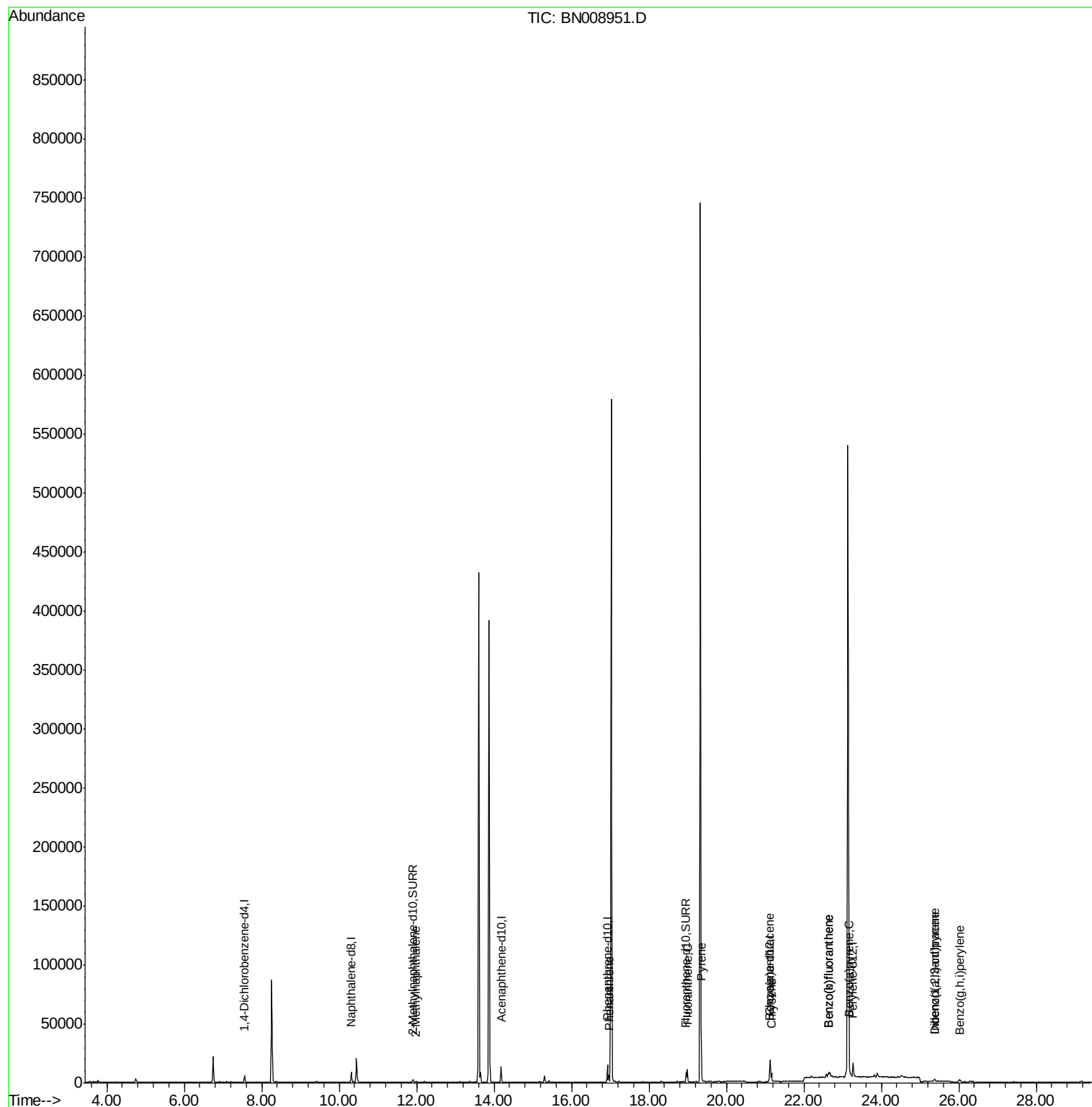
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2534	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11030	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7101	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16385	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14193	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14337	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2934	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8962	0.18	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	11.98	142	587	0.025	ng/ul	100
12) Phenanthrene	16.97	178	6230	0.113	ng/ul	98
15) Fluoranthene	18.99	202	8706	0.128	ng/ul	95
17) Pyrene	19.36	202	9562	0.168	ng/ul	100
18) Benzo(a)anthracene	21.11	228	4197	0.074	ng/ul#	87
19) Chrysene	21.17	228	7858	0.140	ng/ul#	92
21) Benzo(b)fluoranthene	22.64	252	8399	0.142	ng/ul#	68
22) Benzo(k)fluoranthene	22.64	252	8399	0.143	ng/ul#	70
23) Benzo(a)pyrene	23.18	252	3880	0.070	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.38	276	2667	0.041	ng/ul#	45
25) Dibenzo(a,h)anthracene	25.38	278	1366	0.026	ng/ul#	24
26) Benzo(g,h,i)perylene	26.02	276	3267	0.060	ng/ul#	84

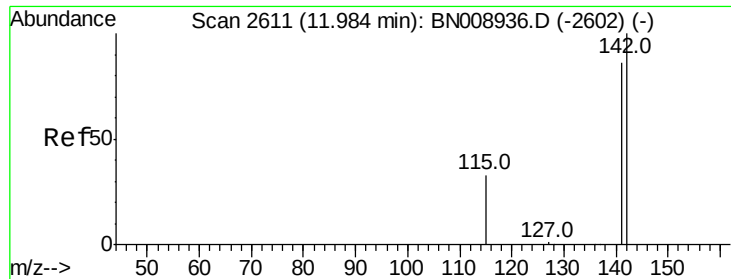
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 13 00:50:54 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

Instrument :

BNA_N

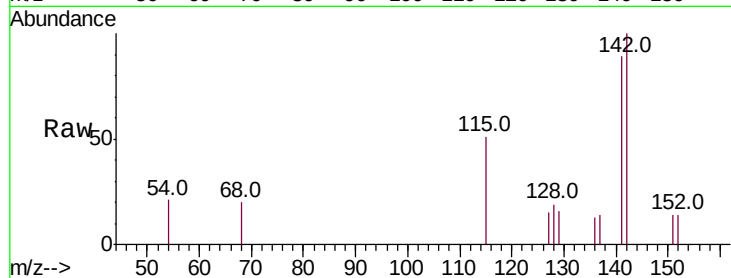
ClientSampleId :

Tot Ion:142 Resp: 587

Ion Ratio Lower Upper

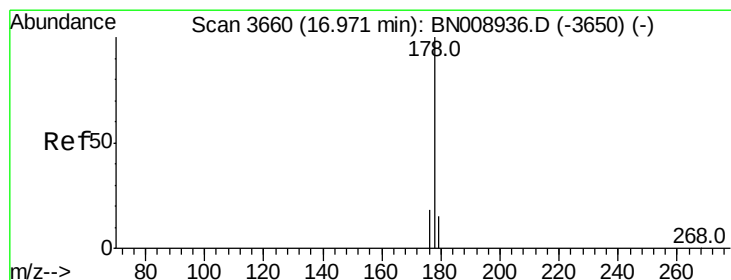
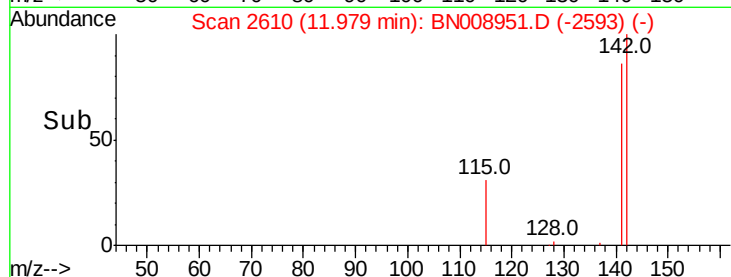
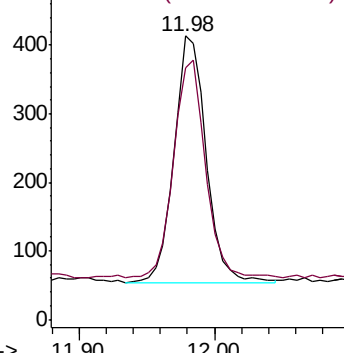
142 100

141 87.4 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.113 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

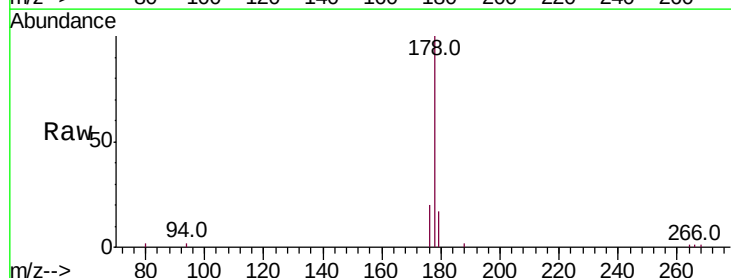
Tgt Ion:178 Resp: 6230

Ion Ratio Lower Upper

178 100

179 17.3 12.6 18.8

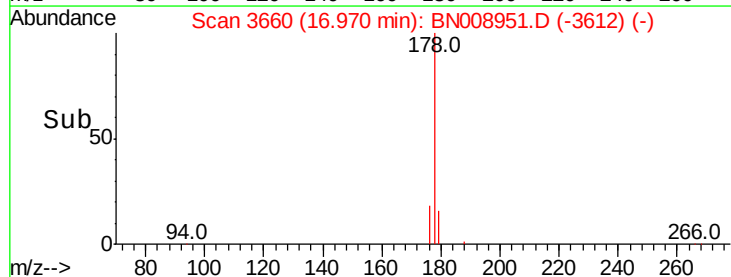
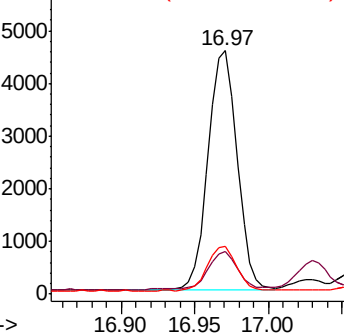
176 19.6 15.3 22.9

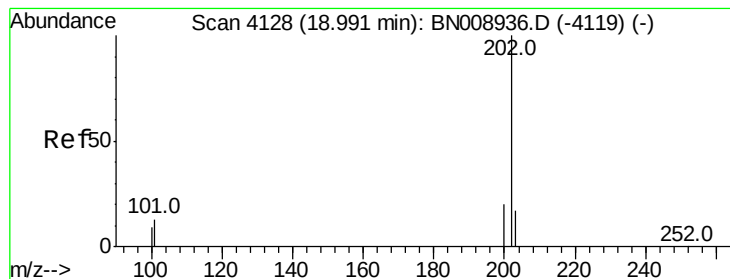


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.128 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

Instrument :

BNA_N

ClientSampleId :

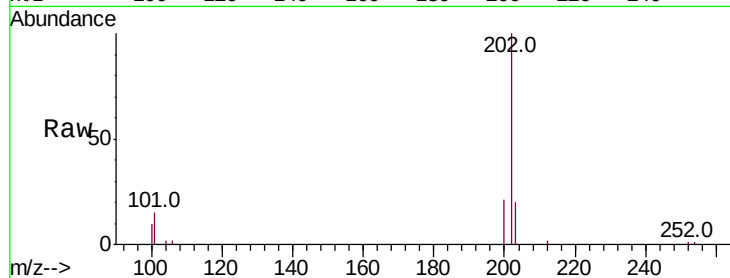
Tot Ion:202 Resp: 8706

Ion Ratio Lower Upper

202 100

101 14.6 0.0 32.4

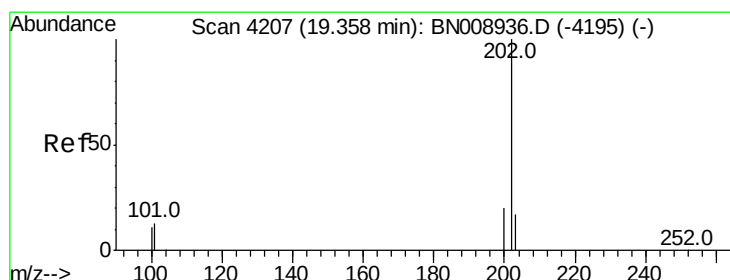
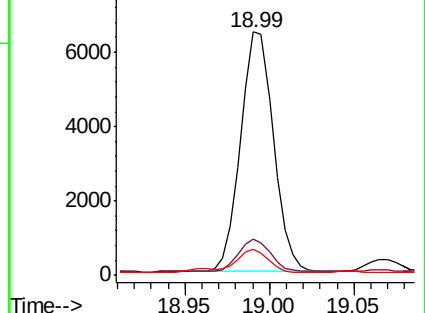
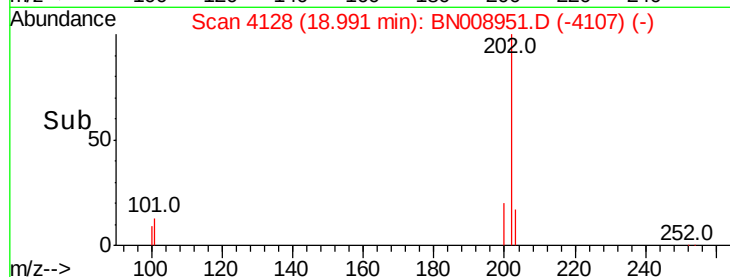
100 10.4 0.0 29.2



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: 0.168 ng/ul

RT: 19.36 min Scan# 4207

Delta R.T. 0.00 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

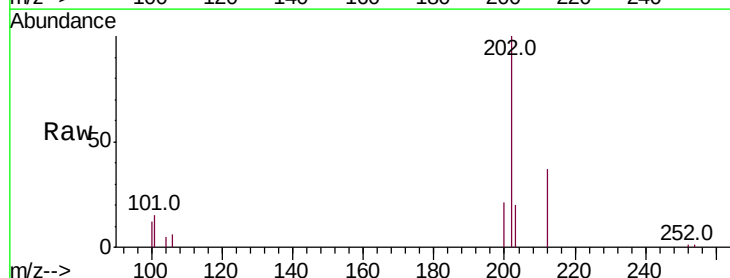
Tgt Ion:202 Resp: 9562

Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.4

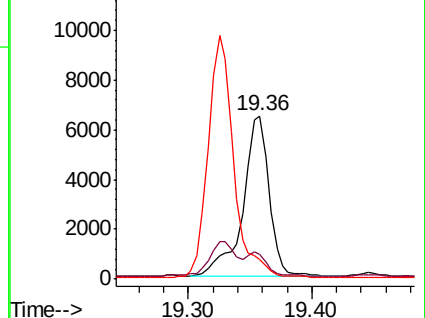
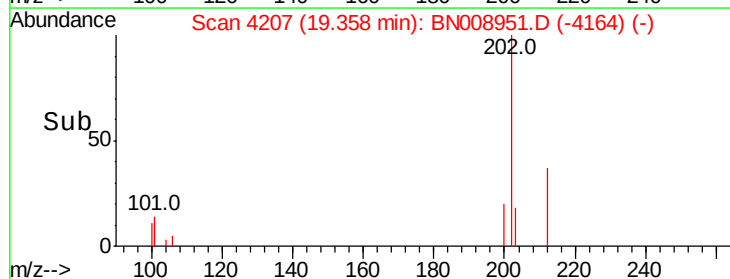
100 11.9 9.5 14.3

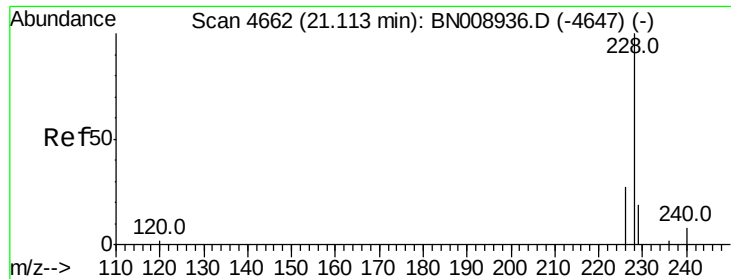


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.074 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. -0.01 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

Instrument :

BNA_N

ClientSampleId :

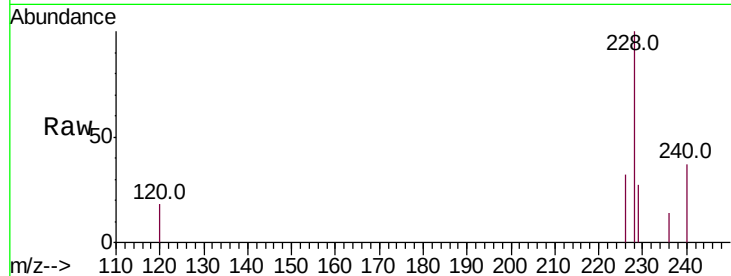
Tot Ion:228 Resp: 4197

Ion Ratio Lower Upper

228 100

229 26.7 15.7 23.5#

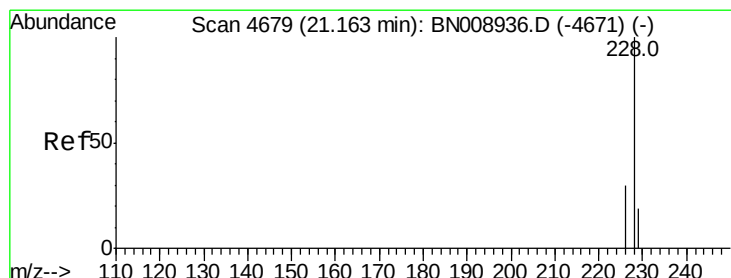
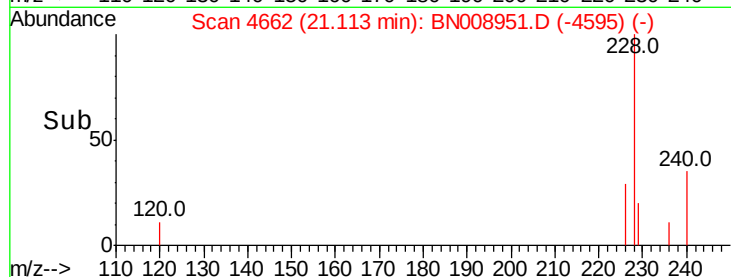
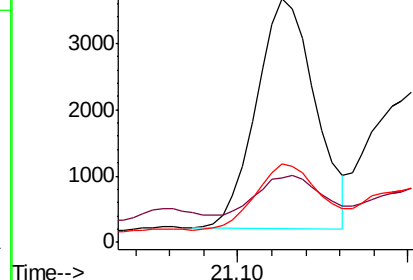
226 32.4 21.5 32.3#



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: 0.140 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

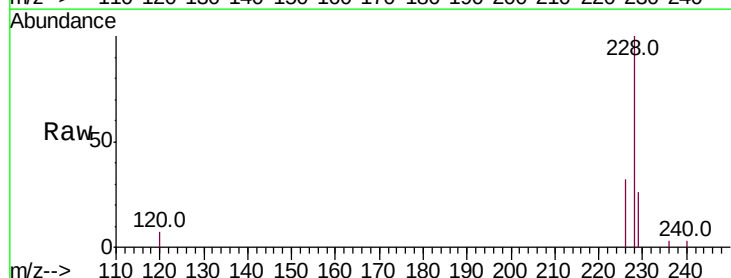
Tgt Ion:228 Resp: 7858

Ion Ratio Lower Upper

228 100

226 31.8 23.8 35.6

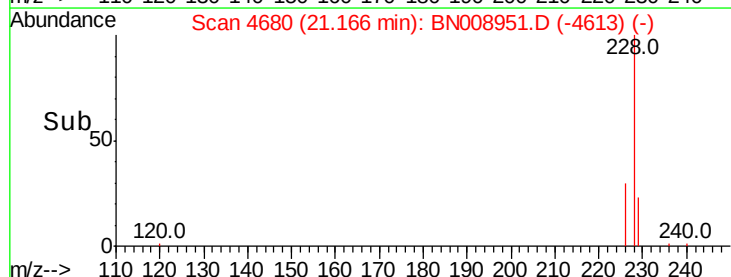
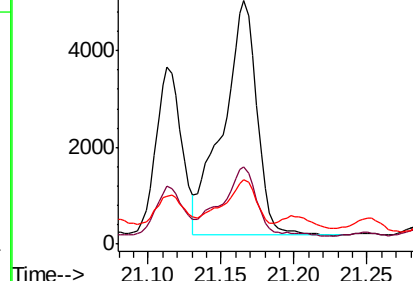
229 26.3 15.6 23.4#

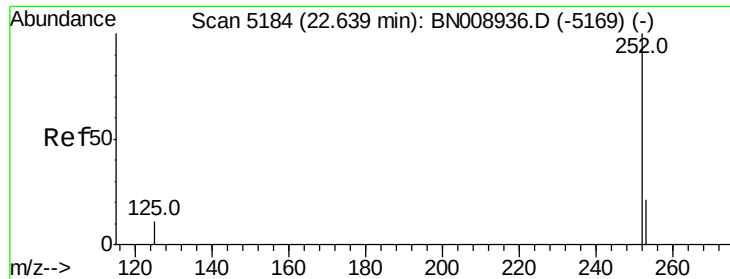


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.142 ng/ul

RT: 22.64 min Scan# 5185

Delta R.T. -0.01 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

Instrument :

BNA_N

ClientSampleId :

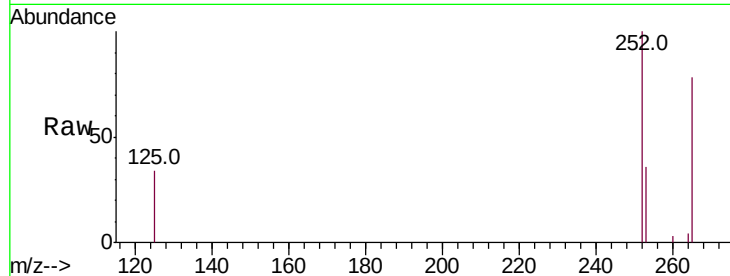
Tot Ion:252 Resp: 8399

Ion Ratio Lower Upper

252 100

253 36.4 0.0 48.6

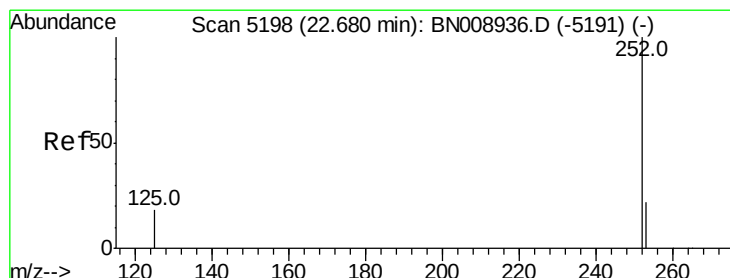
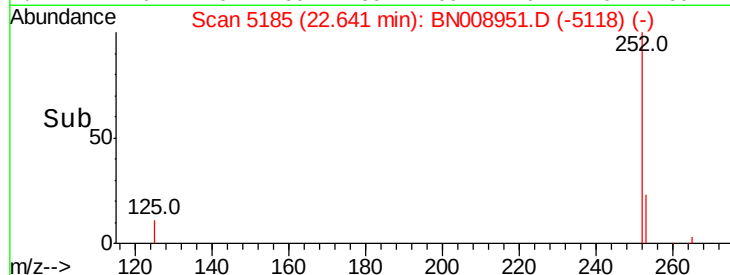
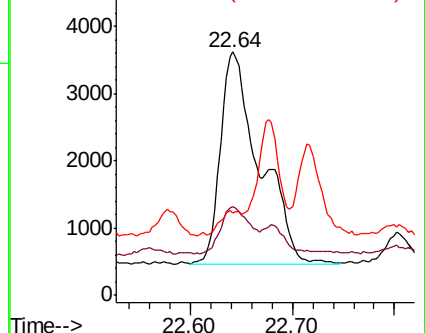
125 33.9 0.0 31.6#



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: 0.143 ng/ul

RT: 22.64 min Scan# 5185

Delta R.T. -0.05 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

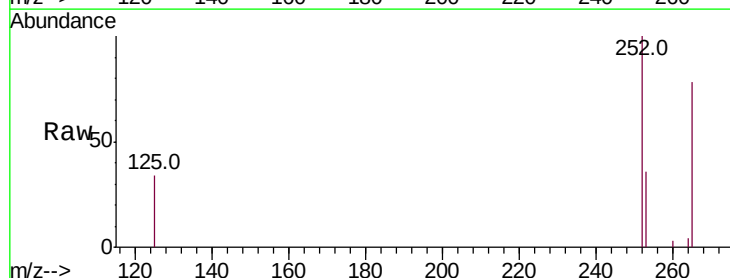
Tgt Ion:252 Resp: 8399

Ion Ratio Lower Upper

252 100

253 36.4 19.6 29.4#

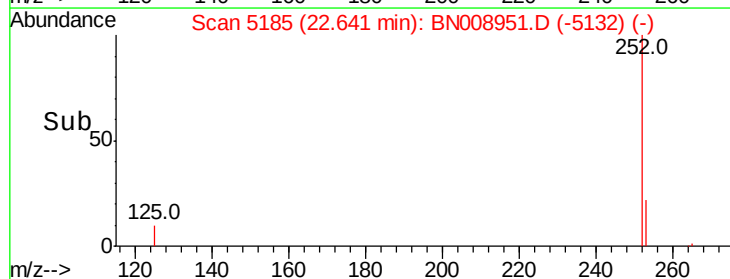
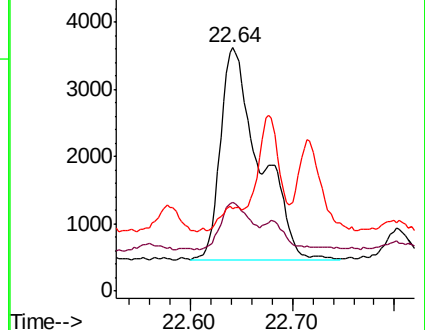
125 33.9 13.8 20.6#

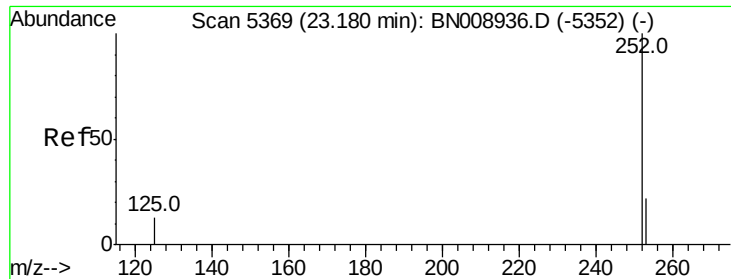


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.070 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. -0.01 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

Instrument :

BNA_N

ClientSampleId :

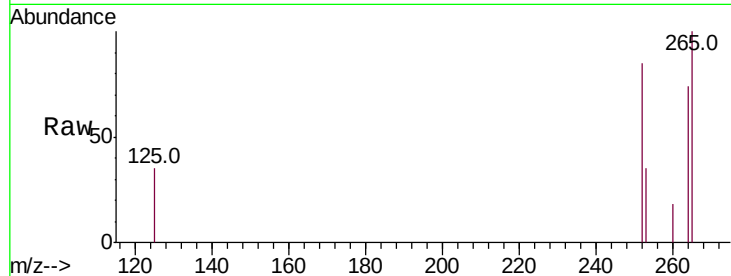
Tot Ion:252 Resp: 3880

Ion Ratio Lower Upper

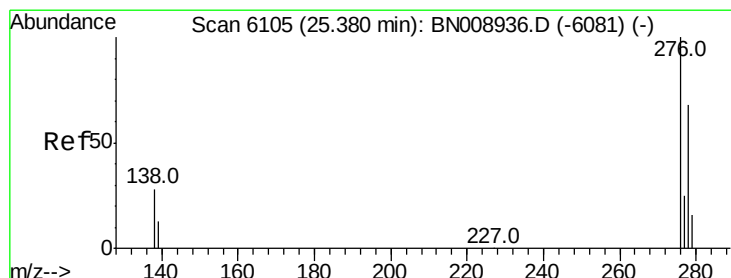
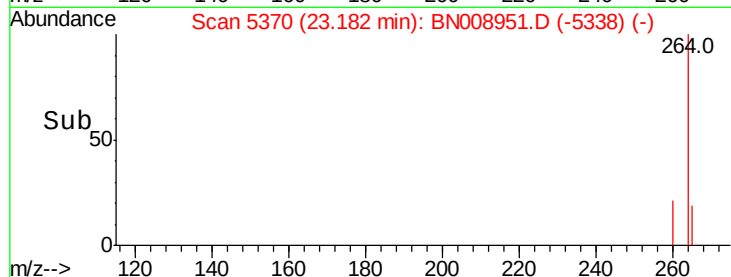
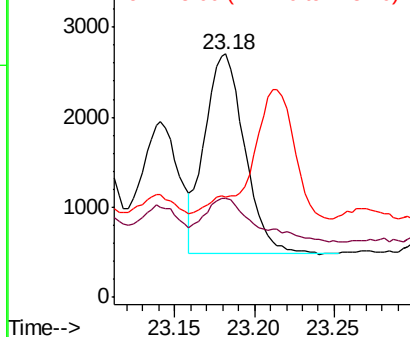
252 100

253 40.9 19.9 29.9#

125 41.2 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: 0.041 ng/ul

RT: 25.38 min Scan# 6106

Delta R.T. -0.01 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

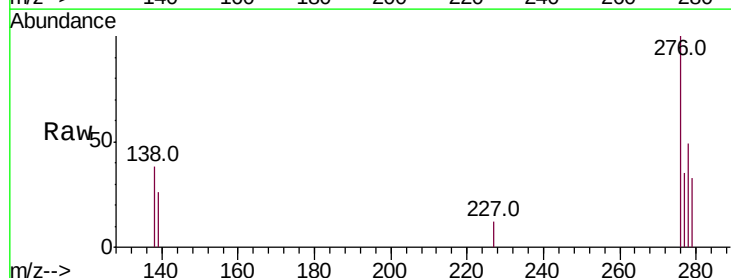
Tgt Ion:276 Resp: 2667

Ion Ratio Lower Upper

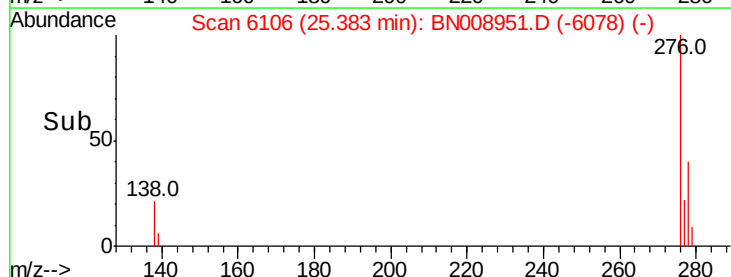
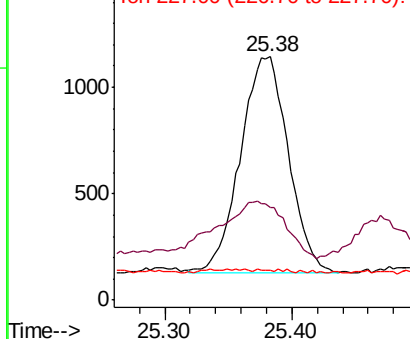
276 100

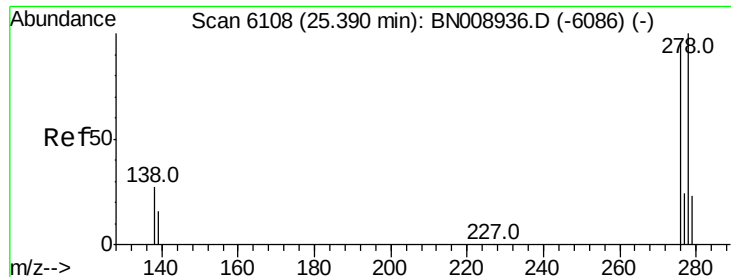
138 0.0 23.8 35.6#

227 0.3 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

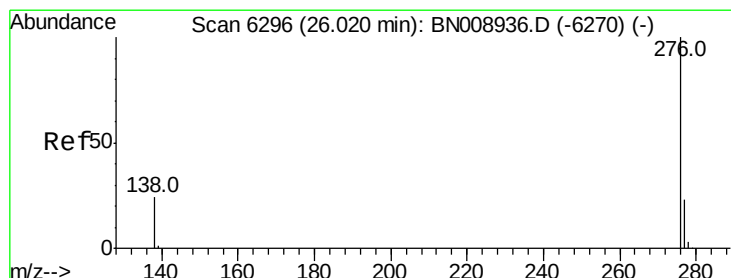
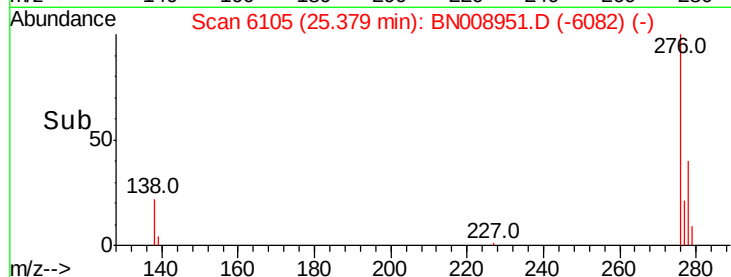
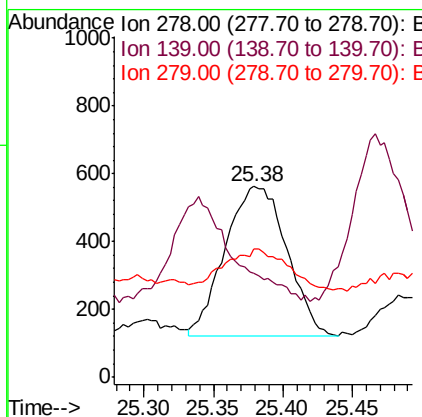
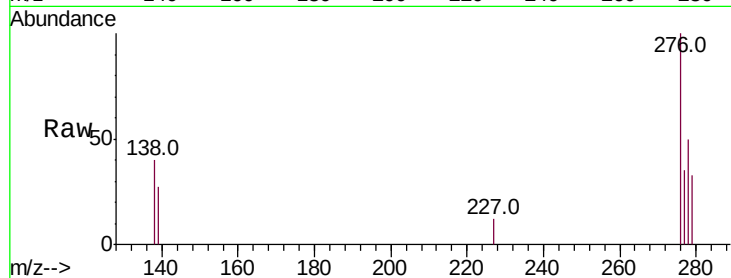




#25
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.02 min
Lab File: BN008951.D
Acq: 12 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1366
Ion Ratio Lower Upper
278 100
139 54.3 17.4 26.0#
279 67.3 20.5 30.7#



#26
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008951.D
Acq: 12 Dec 2019 18:28

Tgt Ion:276 Resp: 3267
Ion Ratio Lower Upper
276 100
138 36.0 21.9 32.9#
277 32.3 19.9 29.9#

