

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008292.D
 Acq On : 21 Oct 2019 20:38
 Operator : JU
 Sample : K5178-09DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 22 00:01:32 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

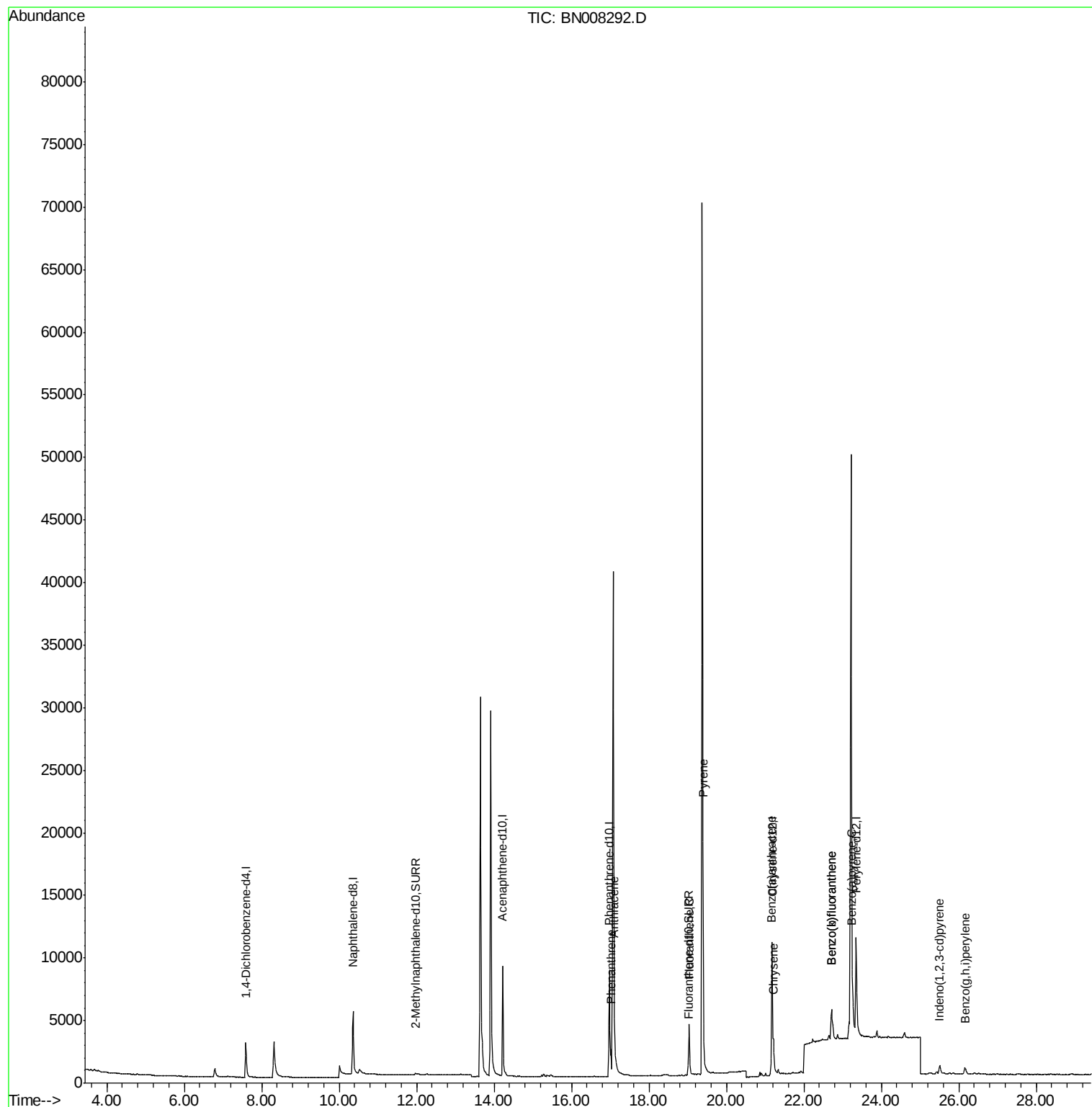
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1824	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	8495	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5482	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11170	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10629	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9016	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	362	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.01	212	1137	0.03	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.01	178	2293	0.070	ng/ul#	93
13) Anthracene	17.11	178	602	0.021	ng/ul#	64
15) Fluoranthene	19.04	202	4268	0.099	ng/ul	95
17) Pyrene	19.40	202	4438	0.105	ng/ul#	90
18) Benzo(a)anthracene	21.16	228	2957	0.077	ng/ul#	89
19) Chrysene	21.22	228	2439	0.051	ng/ul#	92
21) Benzo(b)fluoranthene	22.71	252	5192	0.177	ng/ul#	60
22) Benzo(k)fluoranthene	22.71	252	5176	0.156	ng/ul#	59
23) Benzo(a)pyrene	23.26	252	2025	0.066	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.51	276	1182	0.032	ng/ul#	96
26) Benzo(g,h,i)perylene	26.16	276	1259	0.038	ng/ul#	65

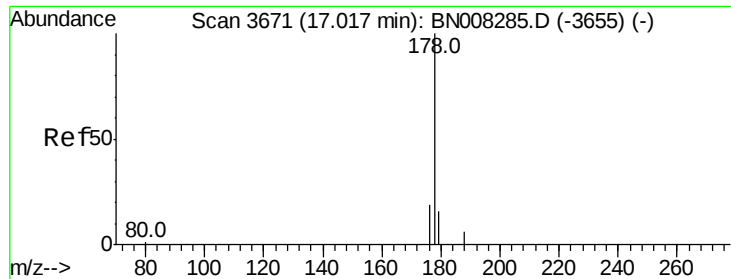
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 23:58:15 2019
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#12

Phenanthrene

Concen: 0.070 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

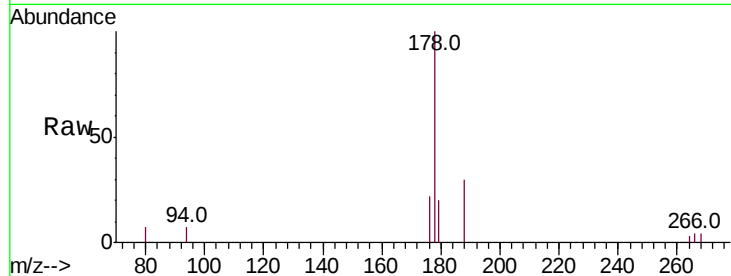
Tot Ion:178 Resp: 2293

Ion Ratio Lower Upper

178 100

179 19.8 12.8 19.2#

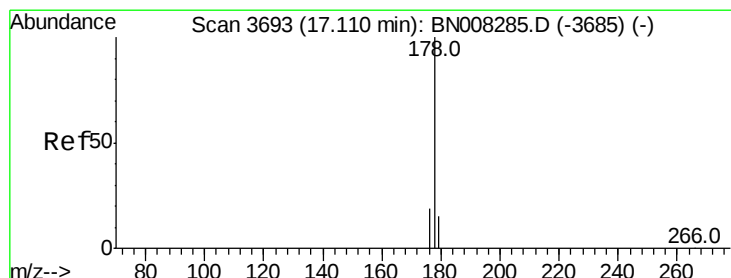
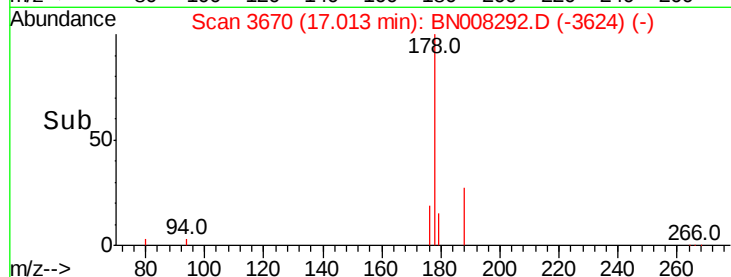
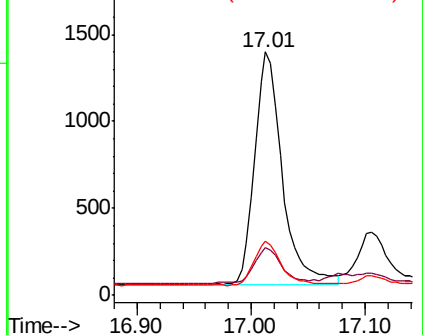
176 22.0 15.4 23.2



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



#13

Anthracene

Concen: 0.021 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

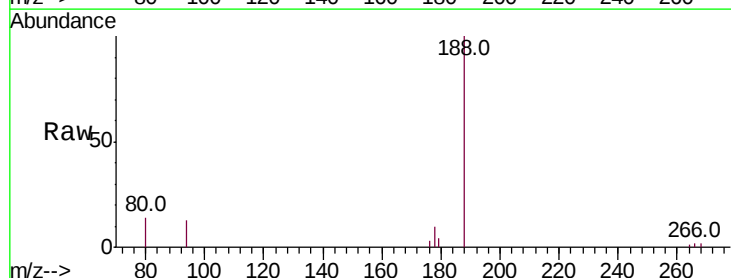
Tgt Ion:178 Resp: 602

Ion Ratio Lower Upper

178 100

179 35.9 13.0 19.6#

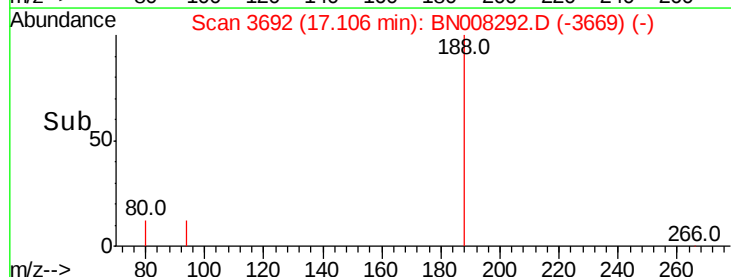
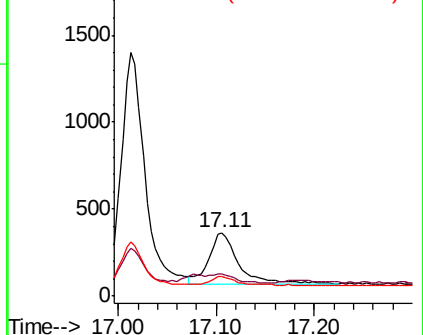
176 31.5 15.0 22.6#

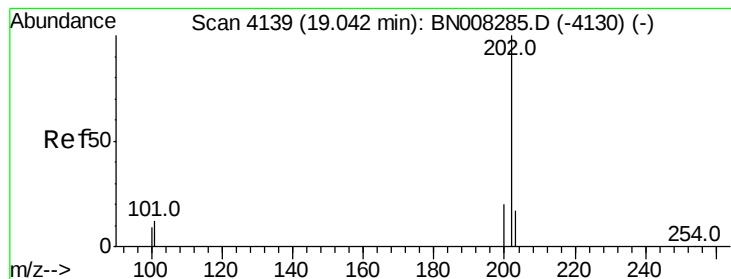


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.099 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. 0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

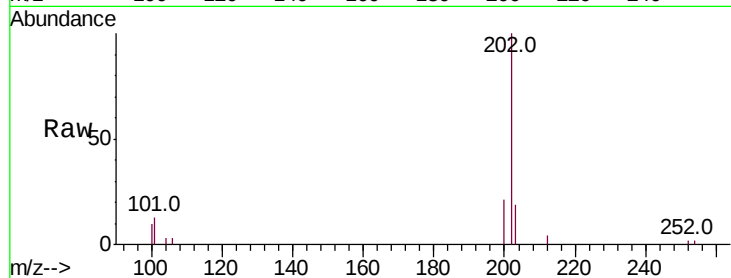
Tot Ion:202 Resp: 4268

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.2

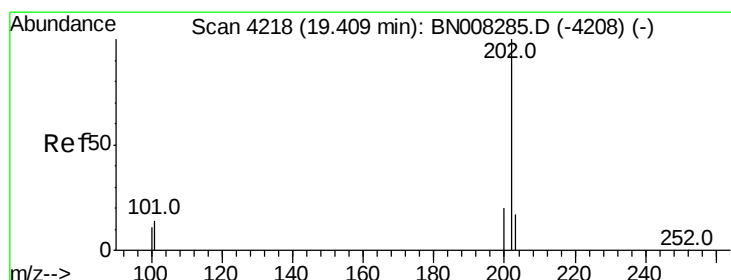
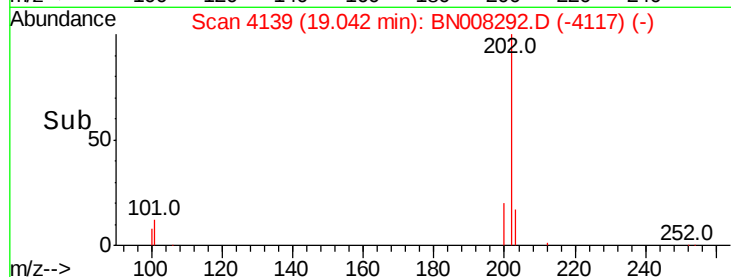
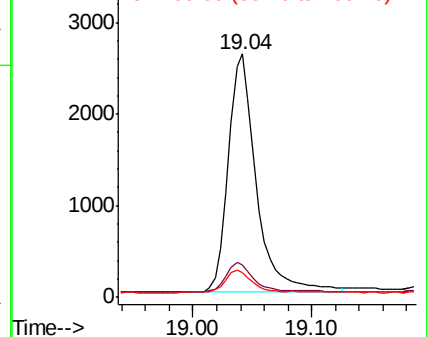
100 10.0 0.0 28.5



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: 0.105 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

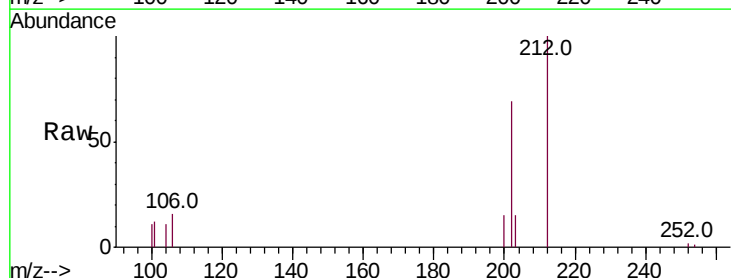
Tgt Ion:202 Resp: 4438

Ion Ratio Lower Upper

202 100

101 17.1 10.9 16.3#

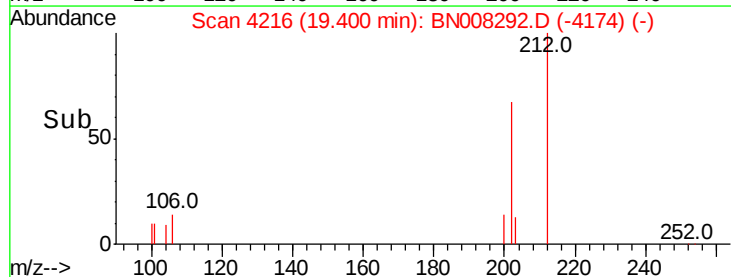
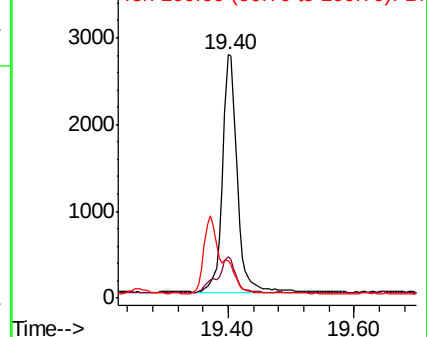
100 15.6 8.7 13.1#

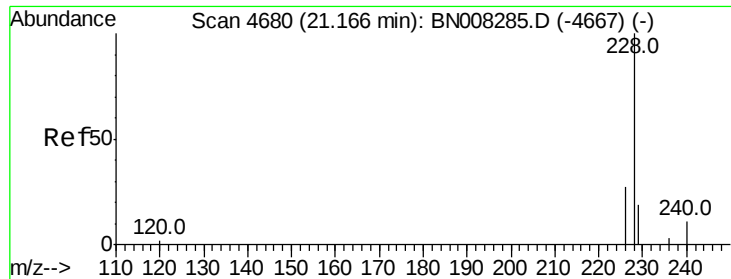


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.077 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

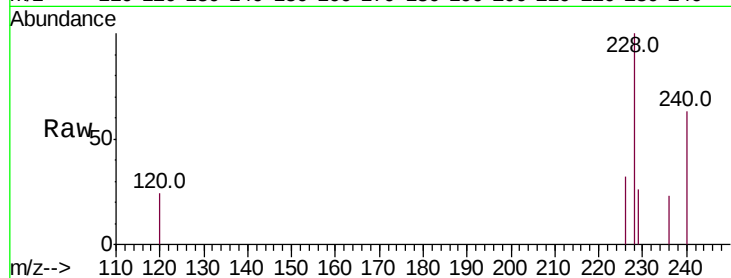
Tot Ion:228 Resp: 2957

Ion Ratio Lower Upper

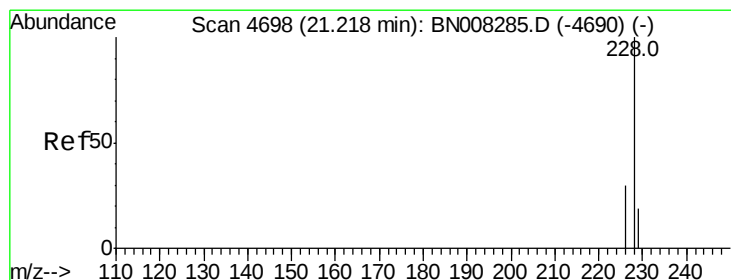
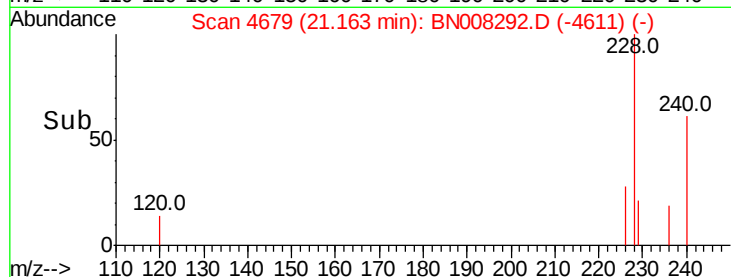
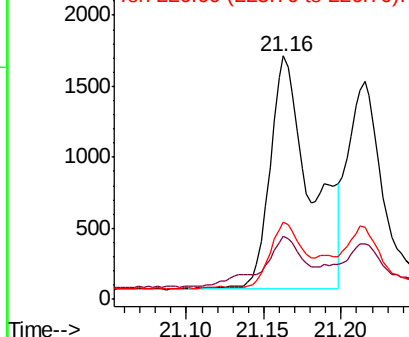
228 100

229 25.8 16.2 24.2#

226 31.7 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: 0.051 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

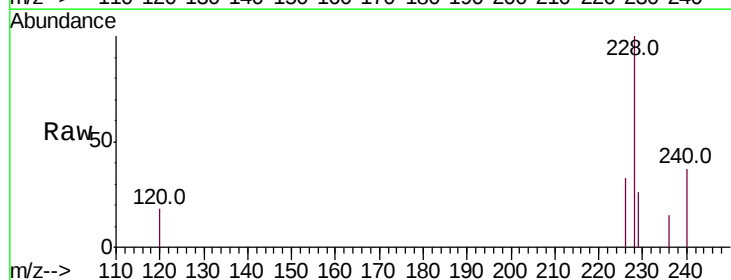
Tgt Ion:228 Resp: 2439

Ion Ratio Lower Upper

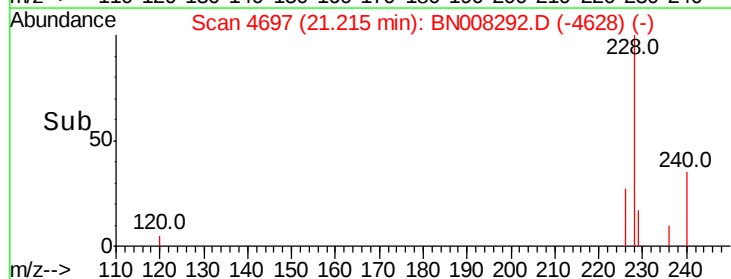
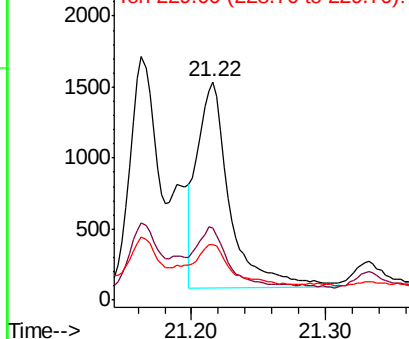
228 100

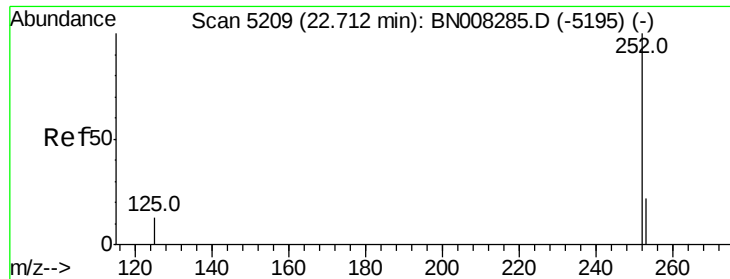
226 32.9 24.1 36.1

229 25.6 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

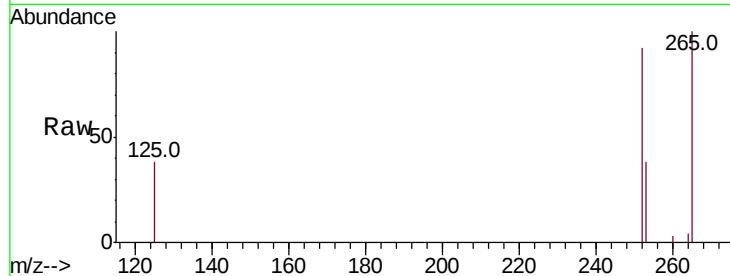




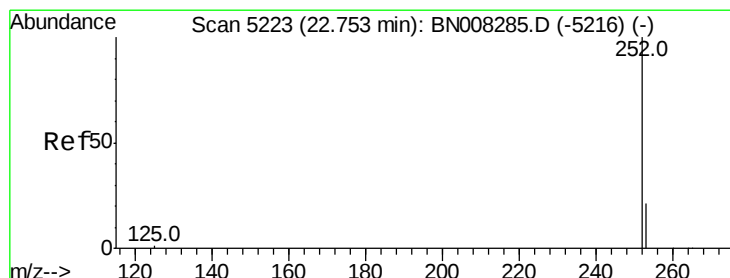
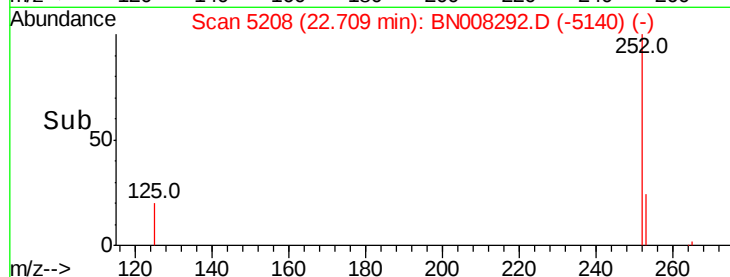
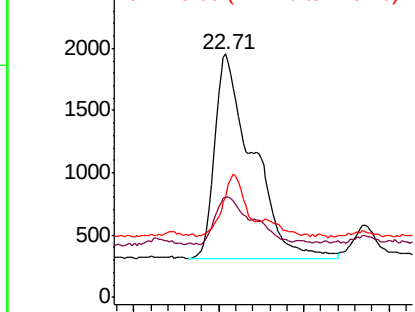
#21
Benzo(b)fluoranthene
Concen: 0.177 ng/u1
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN008292.D
Acq: 21 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 5192
Ion Ratio Lower Upper
252 100
253 41.2 0.0 53.4
125 41.4 0.0 32.4#

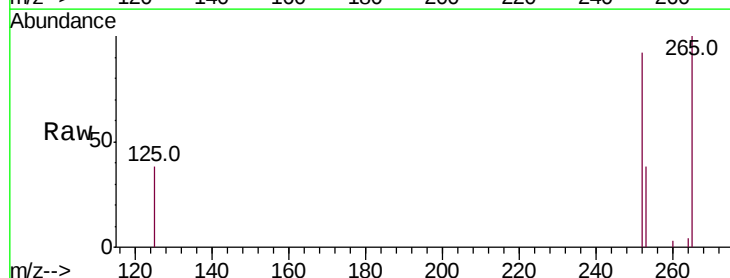


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

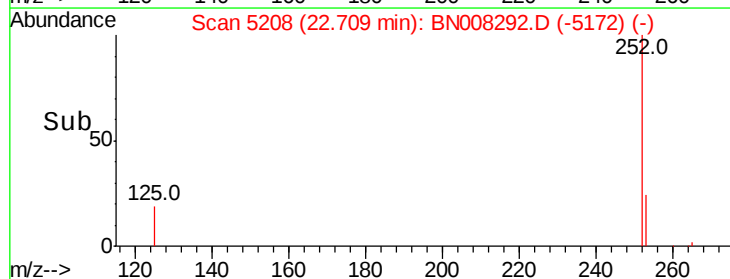
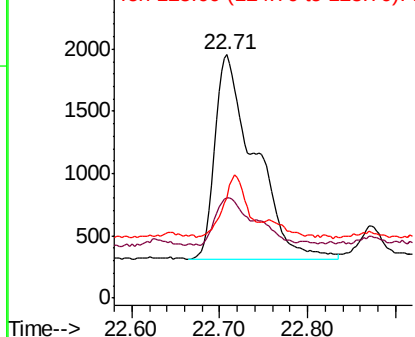


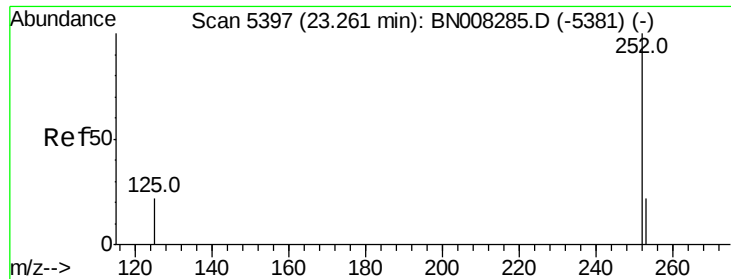
#22
Benzo(k)fluoranthene
Concen: 0.156 ng/u1
RT: 22.71 min Scan# 5208
Delta R.T. -0.04 min
Lab File: BN008292.D
Acq: 21 Oct 2019 20:38

Tgt Ion:252 Resp: 5176
Ion Ratio Lower Upper
252 100
253 41.2 21.3 31.9#
125 41.4 12.3 18.5#



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: 0.066 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. -0.01 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

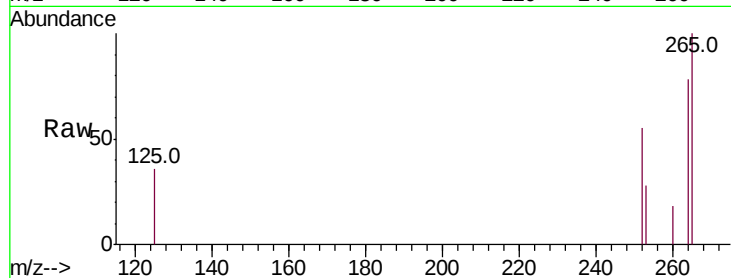
Tot Ion:252 Resp: 2025

Ion Ratio Lower Upper

252 100

253 50.6 22.8 34.2#

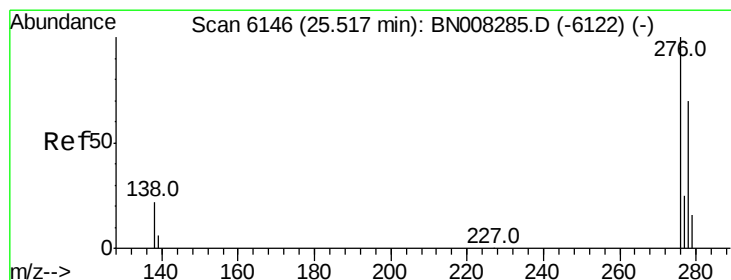
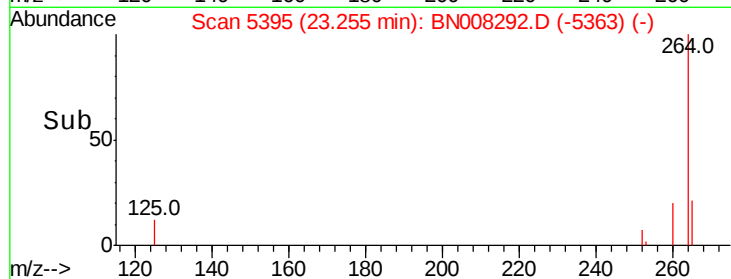
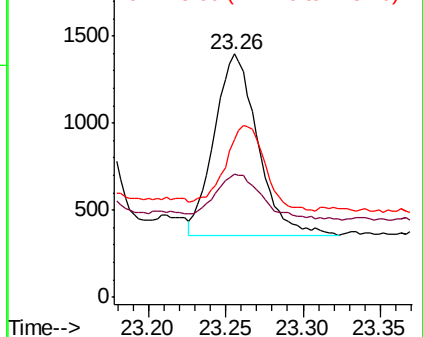
125 65.0 18.4 27.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng/ul

RT: 25.51 min Scan# 6143

Delta R.T. -0.00 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

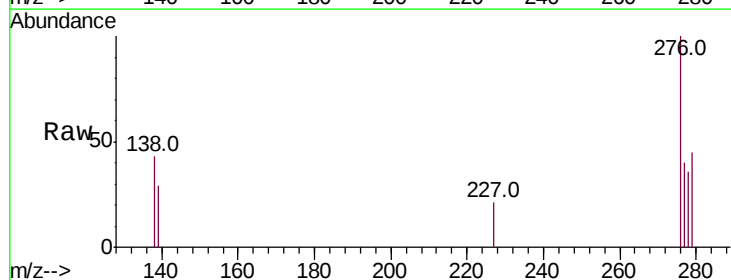
Tgt Ion:276 Resp: 1182

Ion Ratio Lower Upper

276 100

138 18.2 16.1 24.1

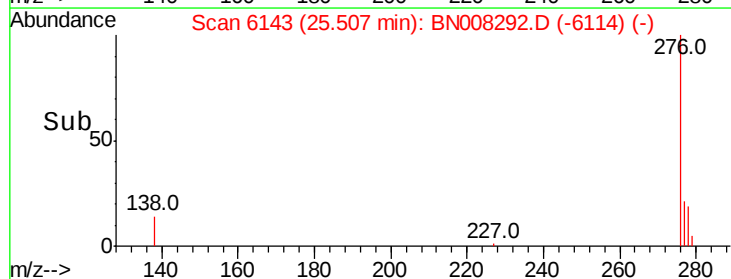
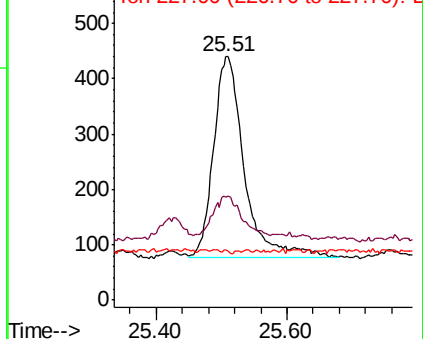
227 0.3 0.2 0.2#

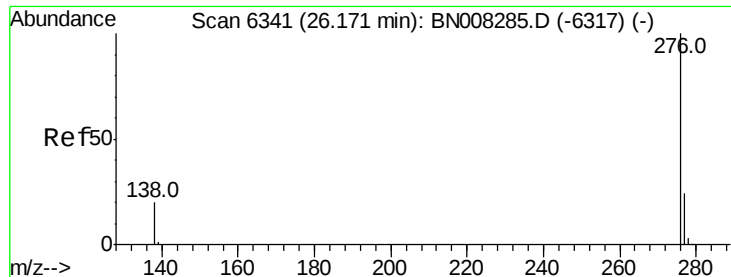


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.038 ng/ul

RT: 26.16 min Scan# 6338

Delta R.T. -0.01 min

Lab File: BN008292.D

Acq: 21 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

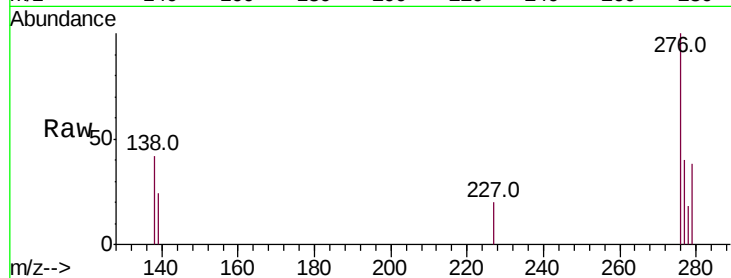
Tot Ion:276 Resp: 1259

Ion Ratio Lower Upper

276 100

138 42.1 17.0 25.4#

277 39.6 20.4 30.6#



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

