

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011708.D
 Acq On : 04 Sep 2020 18:44
 Operator : CG/JU
 Sample : L3840-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 01:44:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 01:37:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2088	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4805	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.13
16) Chrysene-d12	21.32	240	9530	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	10028	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	4640	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	9960	0.00	ng/ul	0.00

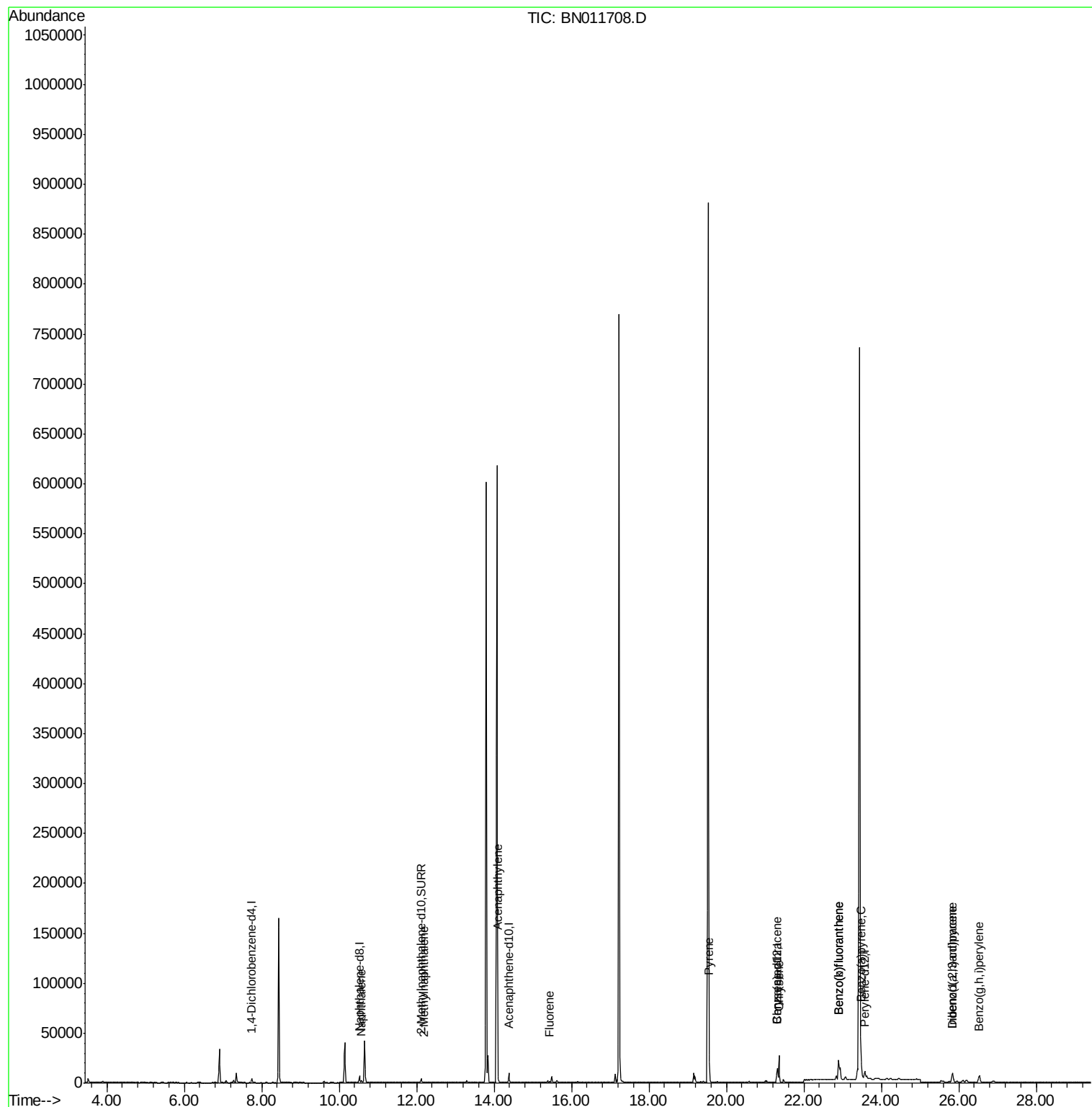
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	2566	0.109	ng/ul	96
5) 2-Methylnaphthalene	12.19	142	450	0.030	ng/ul	97
7) Acenaphthylene	14.10	152	3143	0.130	ng/ul	97
9) Fluorene	15.43	166	610	0.027	ng/ul#	96
17) Pyrene	19.55	202	22897	0.615	ng/ul	98
18) Benzo(a)anthracene	21.30	228	9177	0.287	ng/ul	96
19) Chrysene	21.36	228	23050	0.535	ng/ul	100
21) Benzo(b)fluoranthene	22.90	252	45565	1.045	ng/ul	95
22) Benzo(k)fluoranthene	22.90	252	45565	0.946	ng/ul	96
23) Benzo(a)pyrene	23.47	252	21147	0.577	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.83	276	15150	0.306	ng/ul	98
25) Dibenzo(a,h)anthracene	25.85	278	4463	0.111	ng/ul#	87
26) Benzo(g,h,i)perylene	26.53	276	14662	0.316	ng/ul	98

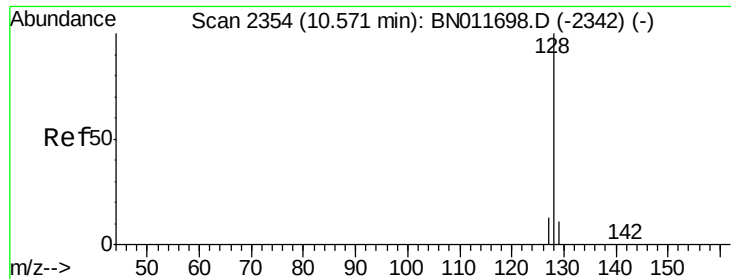
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.109 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

ClientSampleId :

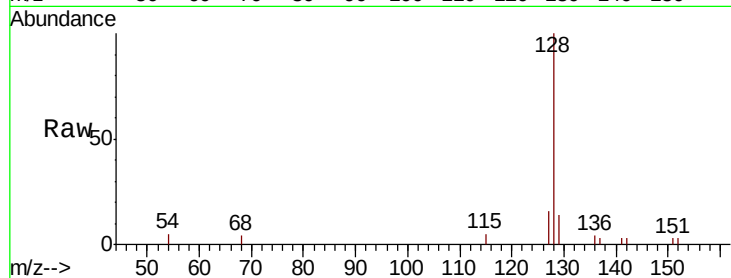
Tot Ion:128 Resp: 2566

Ion Ratio Lower Upper

128 100

129 14.5 10.4 15.6

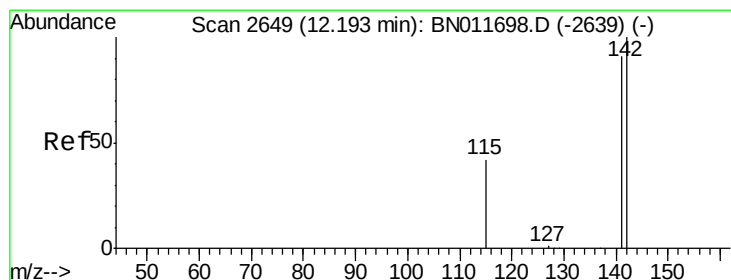
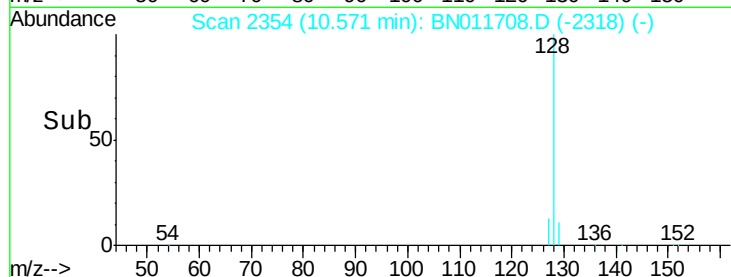
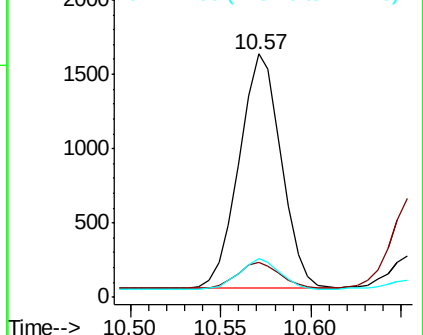
127 15.7 11.4 17.0



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: 0.030 ng/ul

RT: 12.19 min Scan# 2649

Delta R.T. 0.00 min

Lab File: BN011708.D

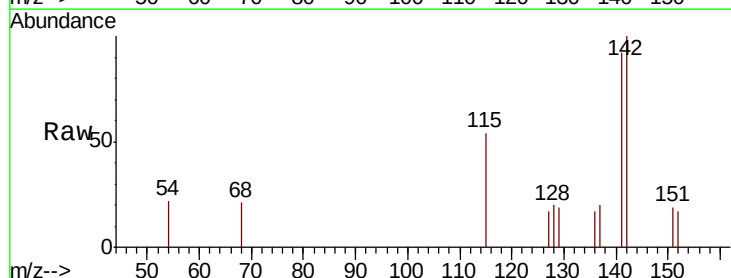
Acq: 04 Sep 2020 18:44

Tgt Ion:142 Resp: 450

Ion Ratio Lower Upper

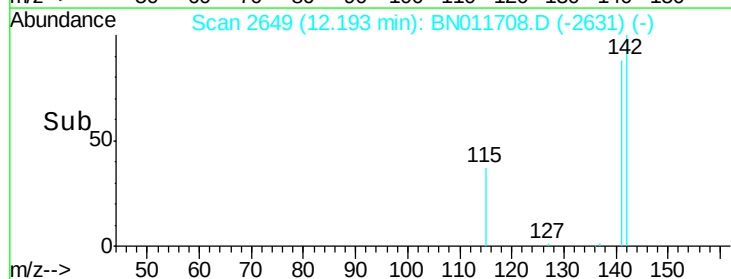
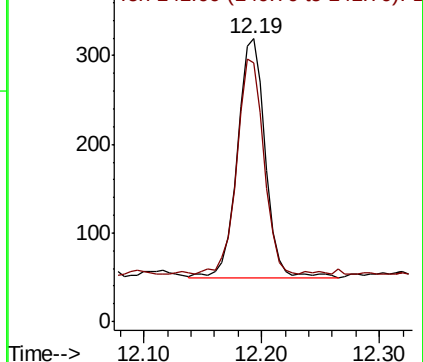
142 100

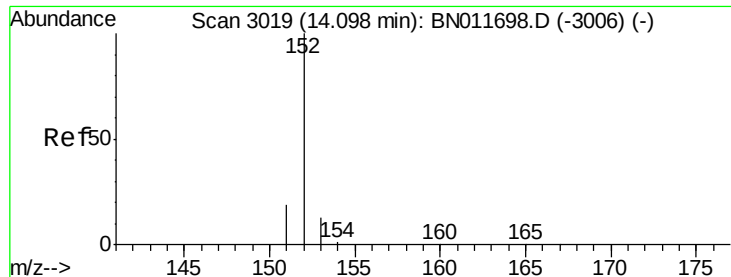
141 87.1 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.130 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

ClientSampled :

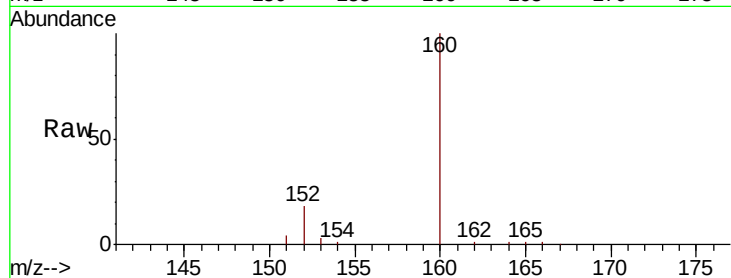
Tot Ion:152 Resp: 3143

Ion Ratio Lower Upper

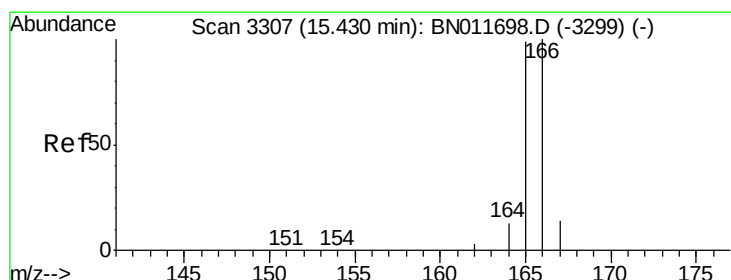
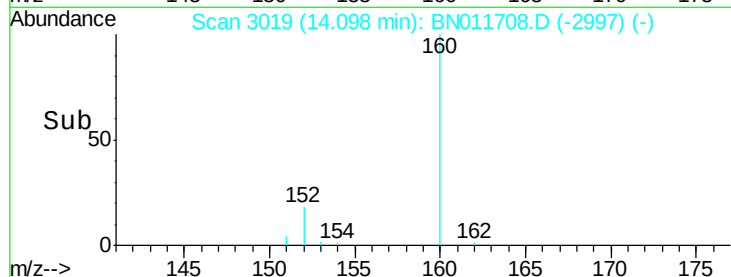
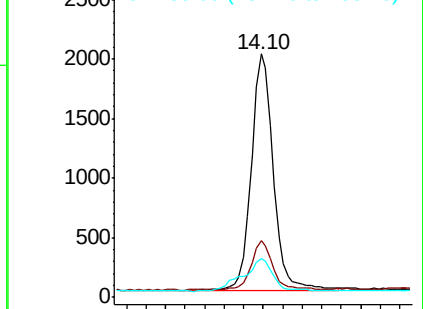
152 100

151 23.3 16.7 25.1

153 15.7 12.3 18.5



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: 0.027 ng/ul

RT: 15.43 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

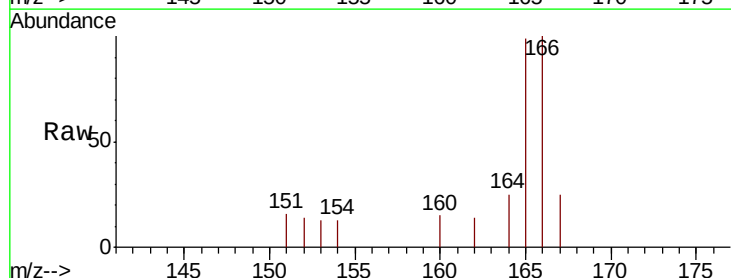
Tgt Ion:166 Resp: 610

Ion Ratio Lower Upper

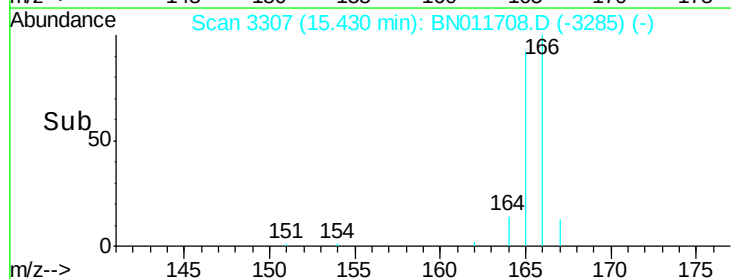
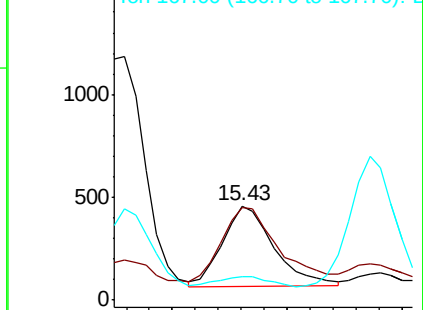
166 100

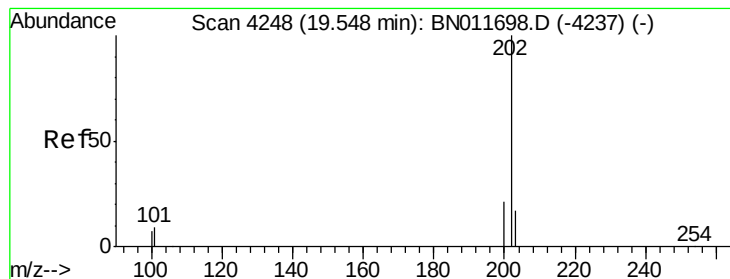
165 98.7 77.7 116.5

167 24.7 12.5 18.7#



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





#17

Pvrene

Concen: 0.615 ng/ul

RT: 19.55 min Scan# 4249

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

ClientSampleId :

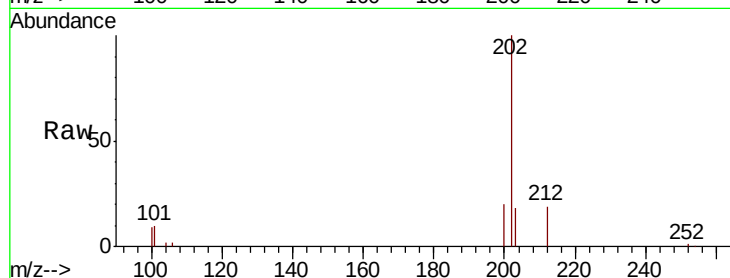
Tot Ion:202 Resp: 22897

Ion Ratio Lower Upper

202 100

101 10.1 7.3 10.9

100 8.6 6.7 10.1

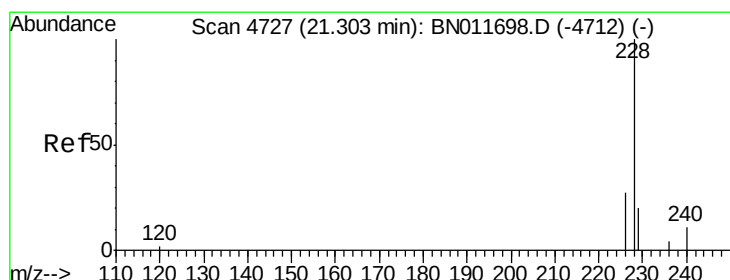
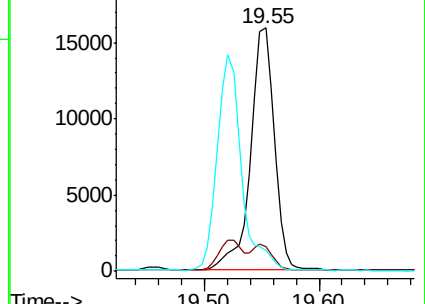
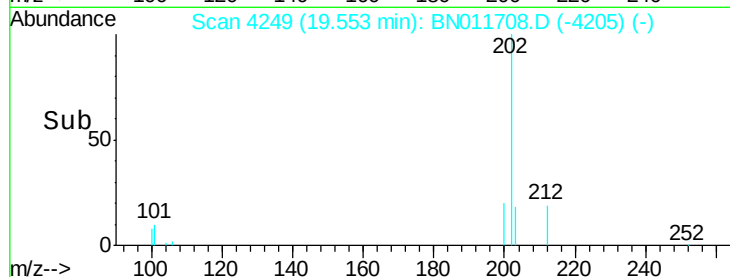


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#18

Benzo(a)anthracene

Concen: 0.287 ng/ul

RT: 21.30 min Scan# 4727

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

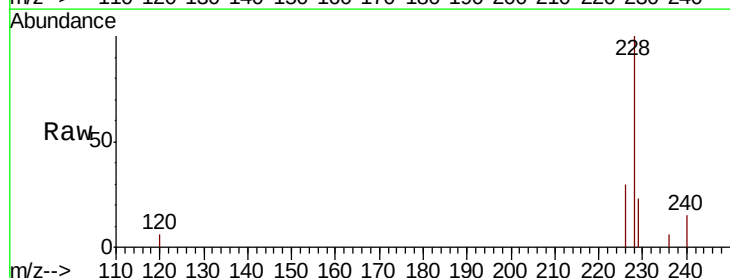
Tgt Ion:228 Resp: 9177

Ion Ratio Lower Upper

228 100

229 22.6 16.7 25.1

226 30.5 22.9 34.3

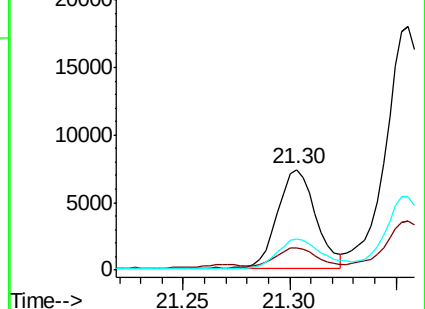
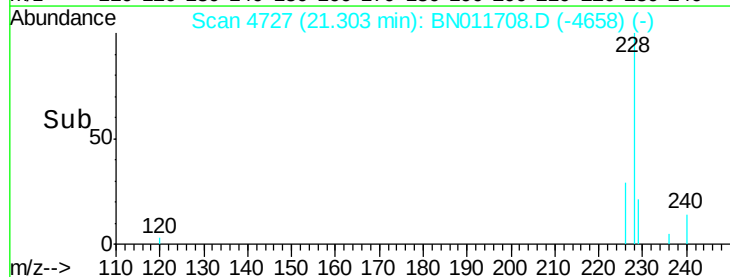


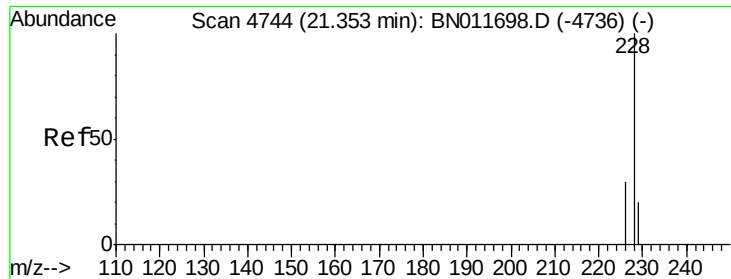
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





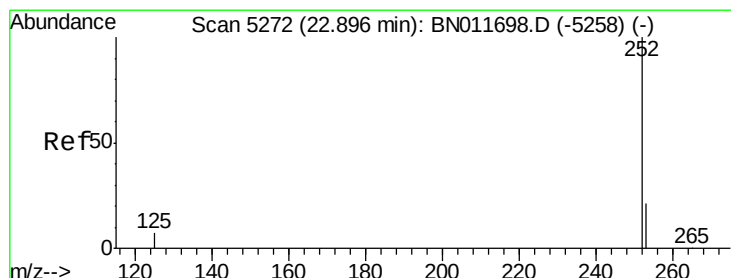
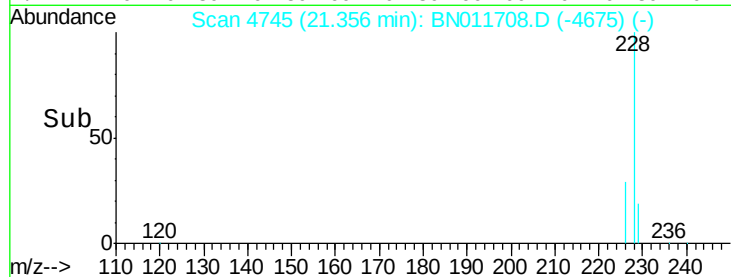
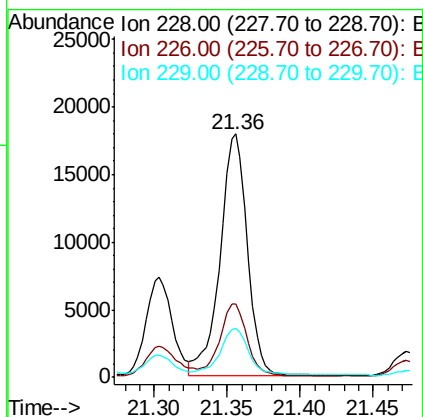
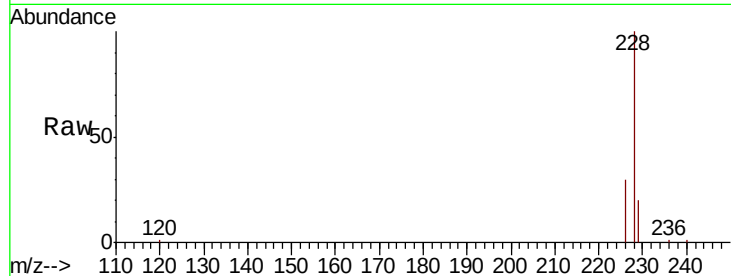
#19

Chrysene

Concen: 0.535 ng/ul
 RT: 21.36 min Scan# 4745
 Delta R.T. 0.00 min
 Lab File: BN011708.D
 Acq: 04 Sep 2020 18:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:228 Resp: 23050
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 20.3 16.4 24.6

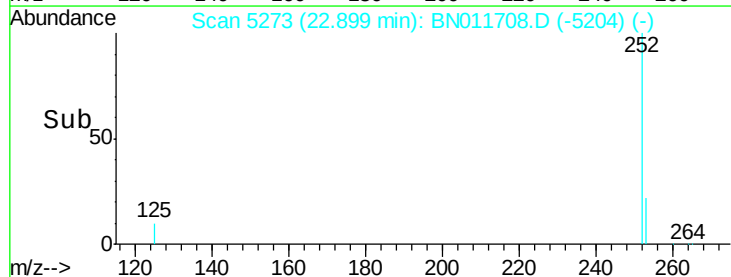
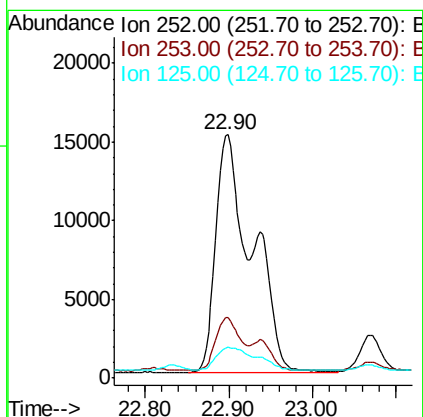
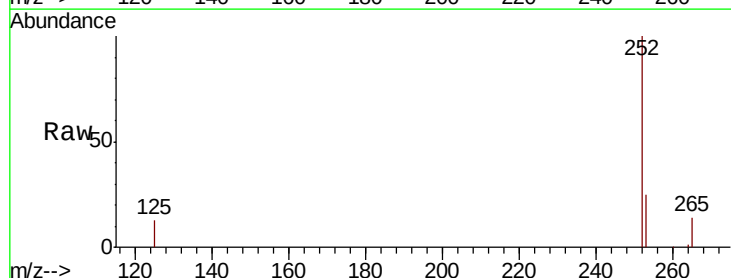


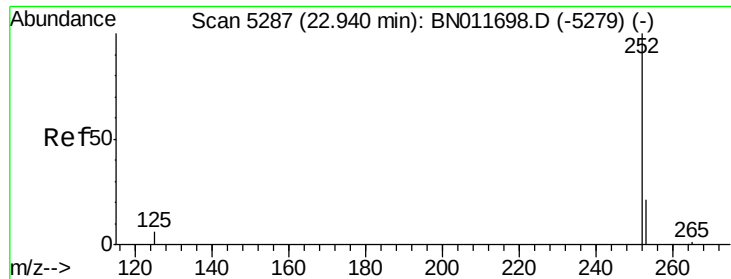
#21

Benzo(b)fluoranthene

Concen: 1.045 ng/ul
 RT: 22.90 min Scan# 5273
 Delta R.T. 0.00 min
 Lab File: BN011708.D
 Acq: 04 Sep 2020 18:44

Tgt Ion:252 Resp: 45565
 Ion Ratio Lower Upper
 252 100
 253 24.9 0.0 54.8
 125 12.6 0.0 22.2





#22

Benzo(k)fluoranthene

Concen: 0.946 ng/ul

RT: 22.90 min Scan# 5273

Delta R.T. -0.04 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

ClientSampleId :

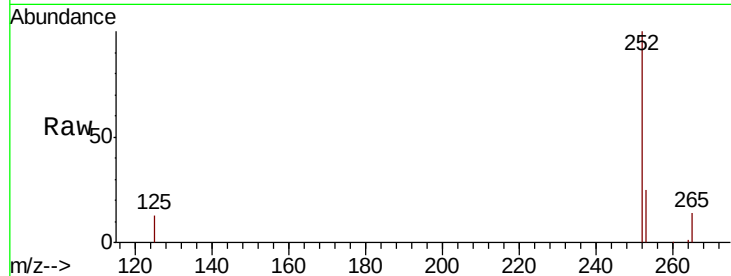
Tot Ion:252 Resp: 45565

Ion Ratio Lower Upper

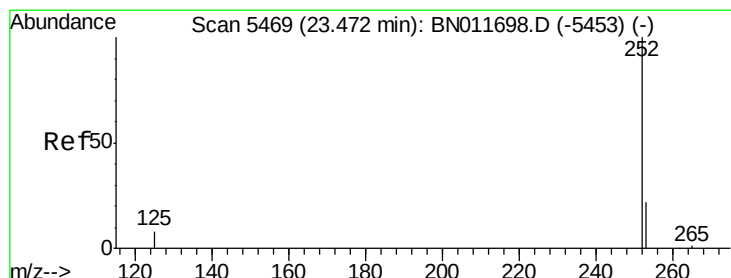
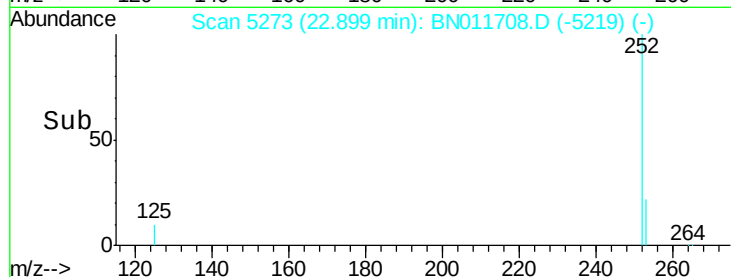
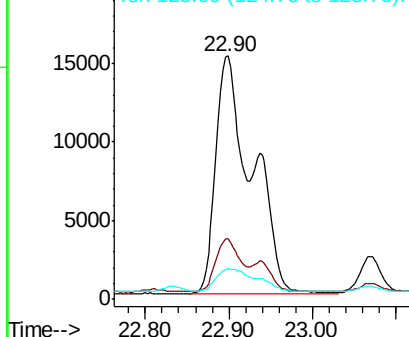
252 100

253 24.9 21.8 32.6

125 12.6 9.1 13.7



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: 0.577 ng/ul

RT: 23.47 min Scan# 5470

Delta R.T. 0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

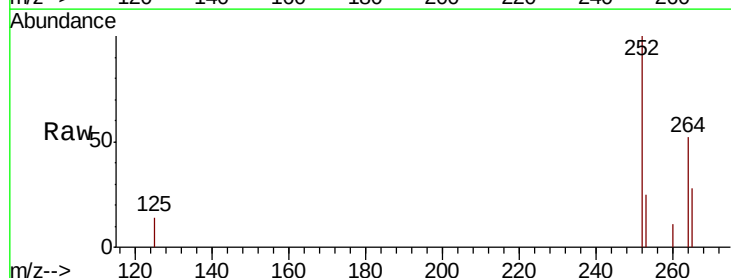
Tgt Ion:252 Resp: 21147

Ion Ratio Lower Upper

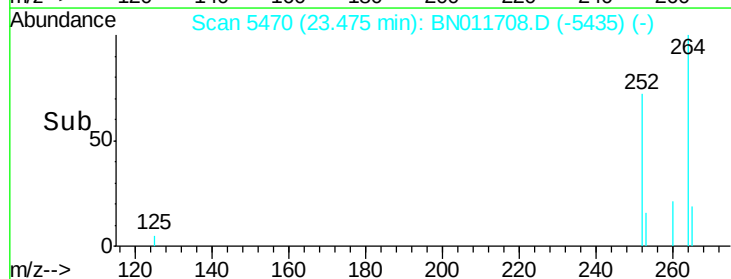
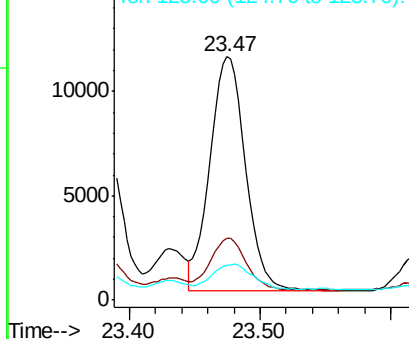
252 100

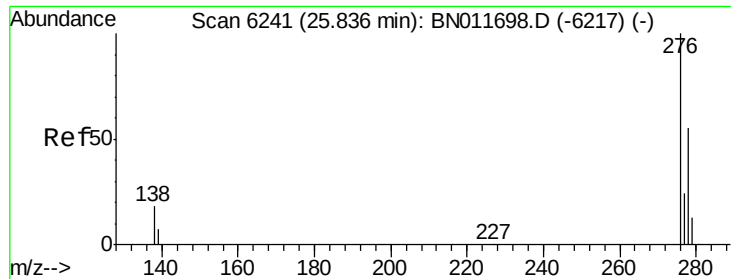
253 25.4 24.4 36.6

125 14.1 11.1 16.7



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: 0.306 ng/ul

RT: 25.83 min Scan# 6240

Delta R.T. -0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

ClientSampleId :

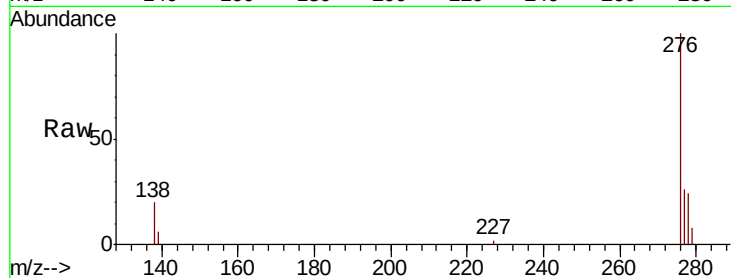
Tot Ion:276 Resp: 15150

Ion Ratio Lower Upper

276 100

138 18.7 15.8 23.6

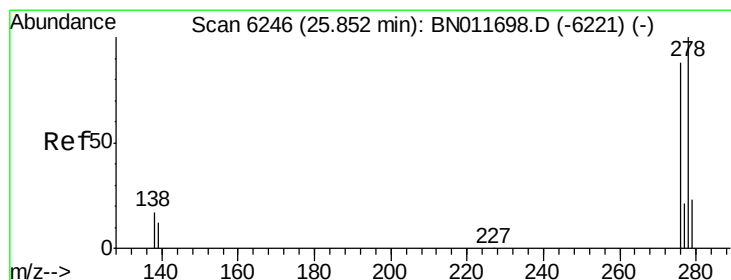
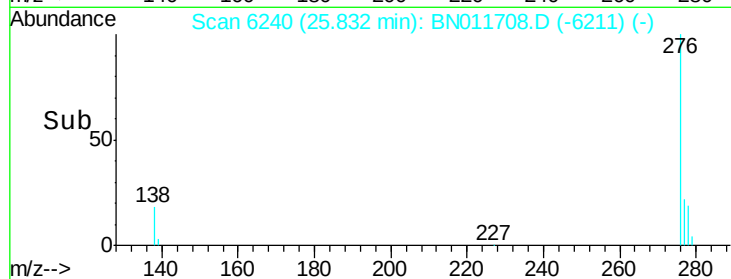
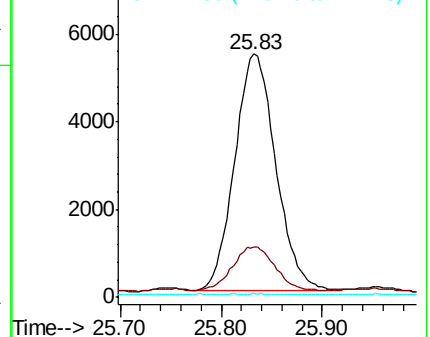
227 0.2 0.2 0.2



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: 0.111 ng/ul

RT: 25.85 min Scan# 6244

Delta R.T. -0.01 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

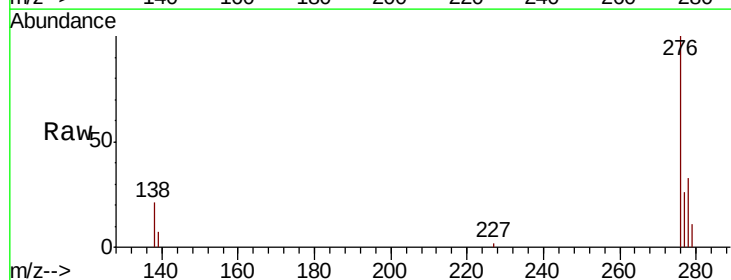
Tgt Ion:278 Resp: 4463

Ion Ratio Lower Upper

278 100

139 21.8 12.1 18.1#

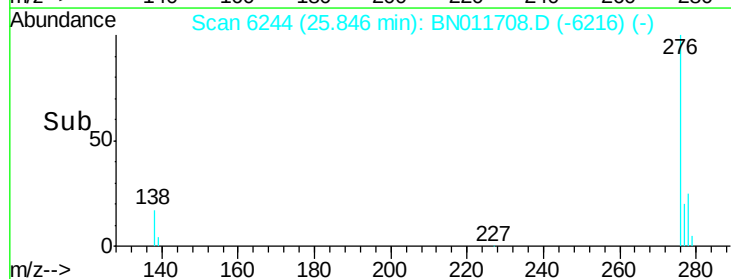
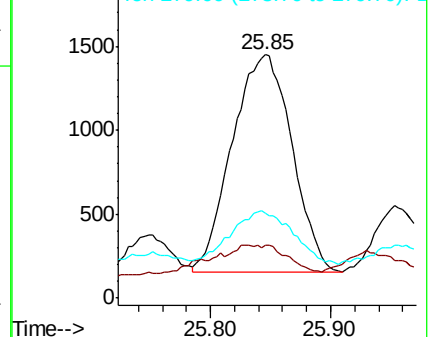
279 34.6 22.9 34.3#

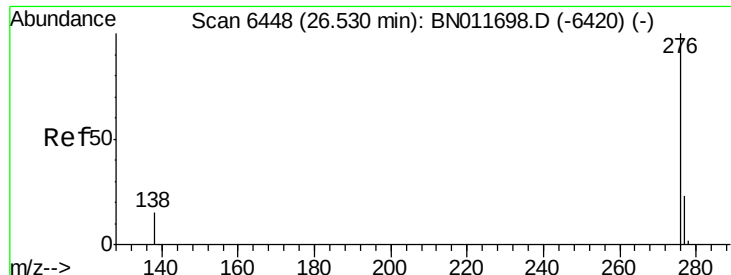


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.316 ng/ul

RT: 26.53 min Scan# 6447

Delta R.T. -0.00 min

Lab File: BN011708.D

Acq: 04 Sep 2020 18:44

Instrument :

BNA_N

ClientSampleId :

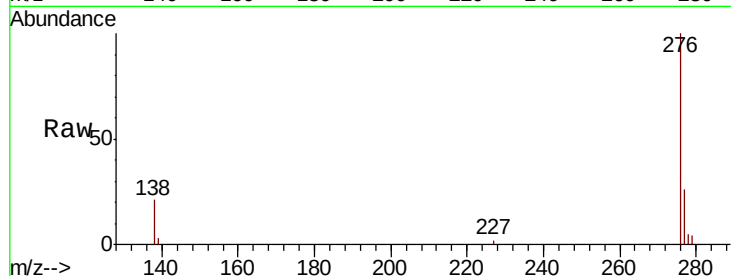
Tot Ion:276 Resp: 14662

Ion Ratio Lower Upper

276 100

138 21.4 15.8 23.6

277 25.5 20.6 31.0



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

