

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008407.D
 Acq On : 25 Oct 2019 02:46
 Operator : JU
 Sample : K5236-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 03:46:13 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1575	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	7971	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5191	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	11644	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	10207	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9419	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	2350	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	7596	0.19	ng/ul	-0.02

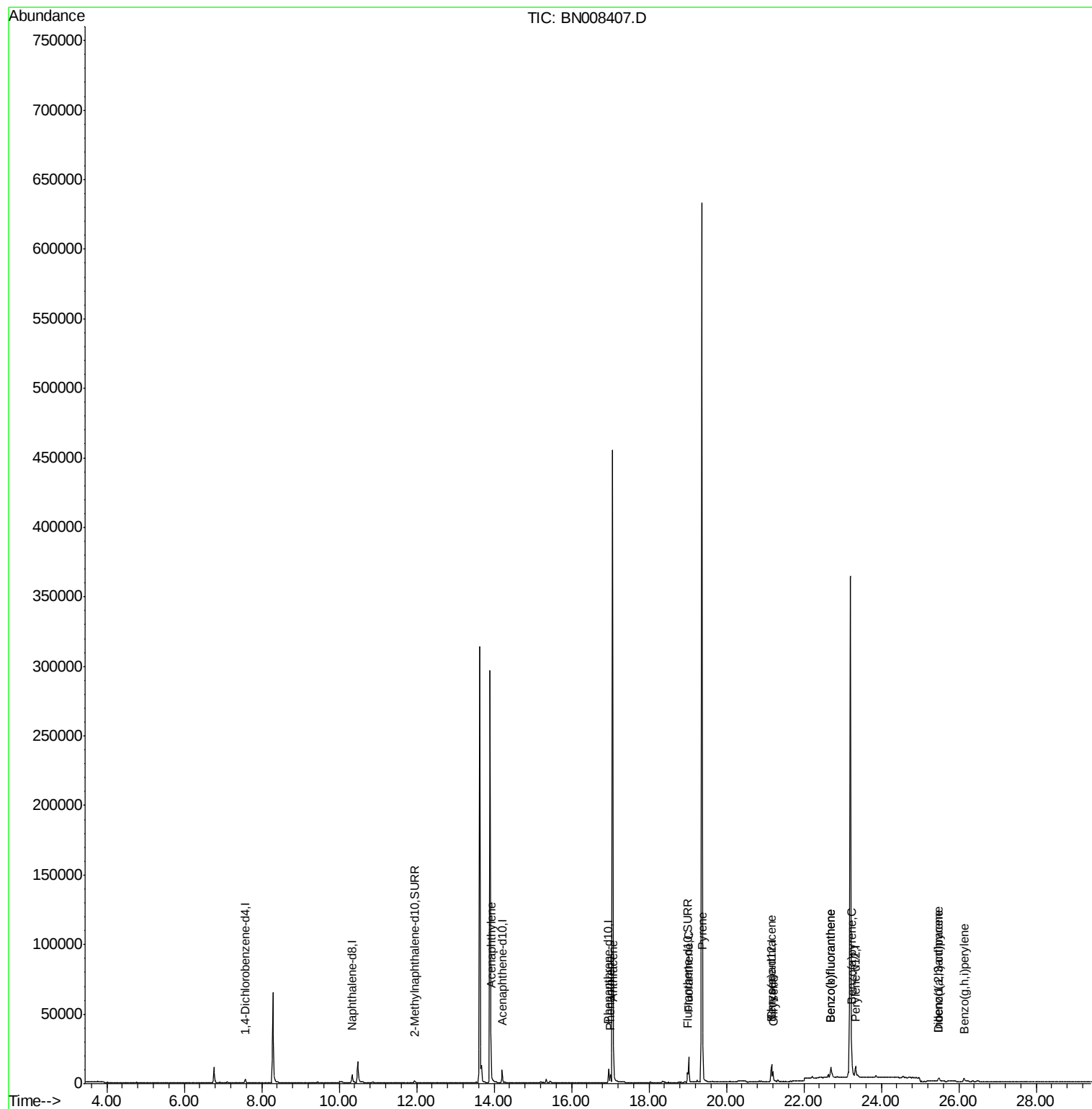
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	767	0.031	ng/ul#	75
12) Phenanthrene	17.00	178	5763	0.169	ng/ul	98
13) Anthracene	17.09	178	922	0.031	ng/ul#	79
15) Fluoranthene	19.03	202	16373	0.364	ng/ul	98
17) Pyrene	19.39	202	15315	0.377	ng/ul	98
18) Benzo(a)anthracene	21.15	228	5996	0.162	ng/ul#	89
19) Chrysene	21.20	228	8578	0.188	ng/ul#	92
21) Benzo(b)fluoranthene	22.69	252	14032	0.458	ng/ul#	66
22) Benzo(k)fluoranthene	22.69	252	14044	0.404	ng/ul#	66
23) Benzo(a)pyrene	23.24	252	6169	0.191	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.48	276	4516	0.119	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	850	0.028	ng/ul#	1
26) Benzo(g,h,i)perylene	26.14	276	4663	0.134	ng/ul#	77

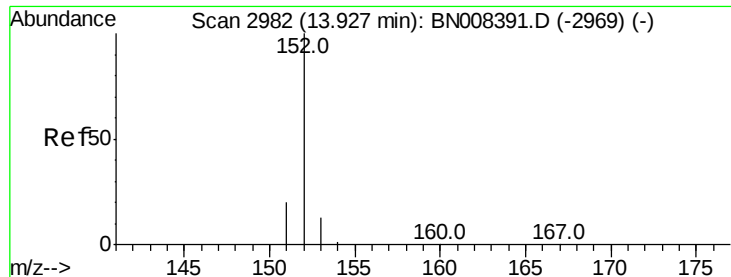
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

Instrument :

BNA_N

ClientSampleId :

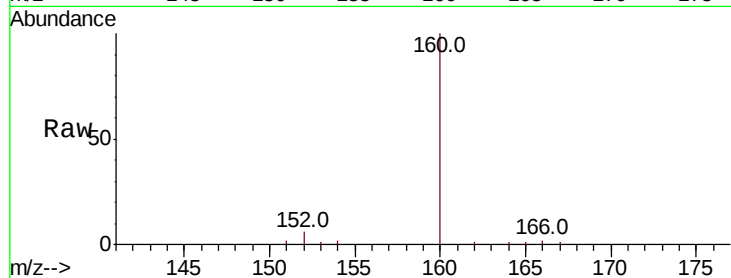
Tot Ion:152 Resp: 767

Ion Ratio Lower Upper

152 100

151 29.9 16.2 24.4#

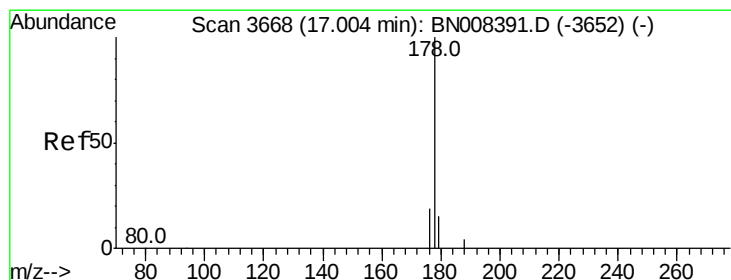
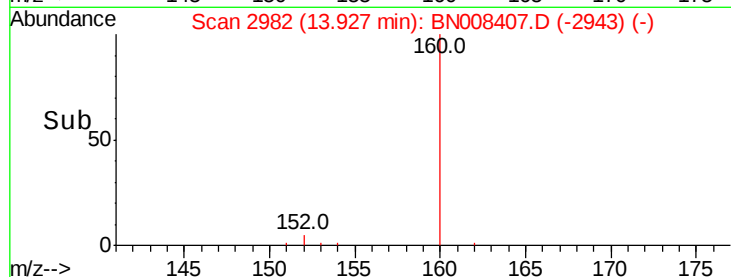
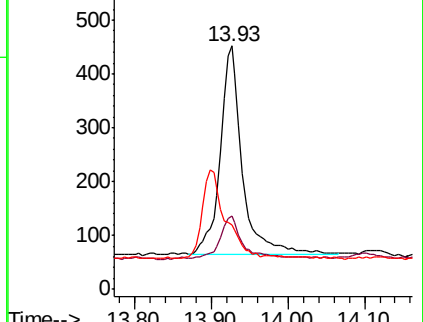
153 26.5 11.0 16.4#



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



#12

Phenanthrene

Concen: 0.169 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

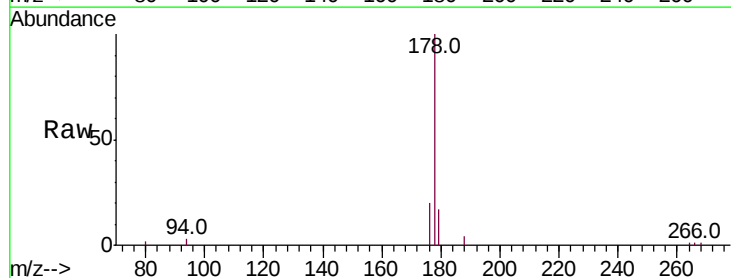
Tgt Ion:178 Resp: 5763

Ion Ratio Lower Upper

178 100

179 17.4 12.8 19.2

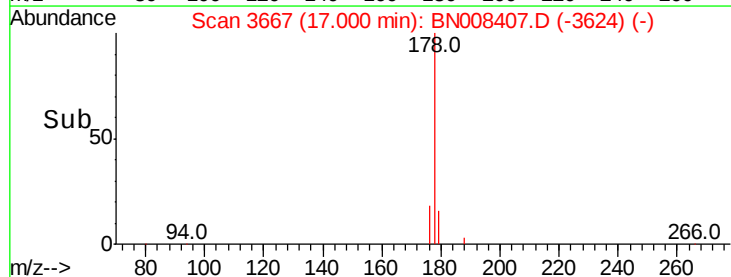
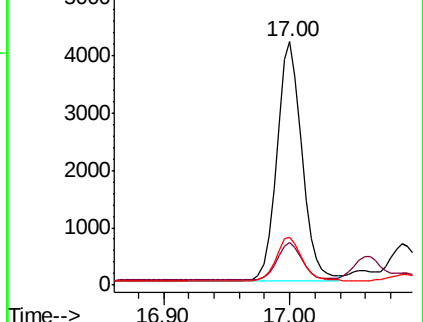
176 19.7 15.4 23.2

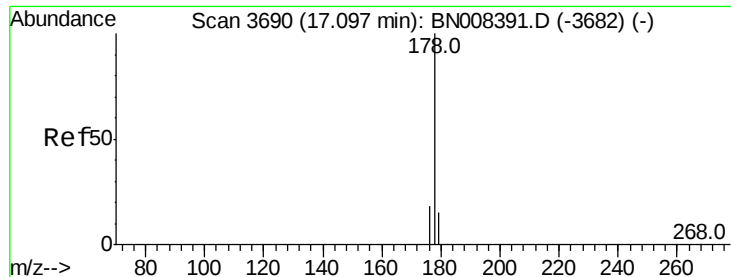


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.031 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.02 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

Instrument :

BNA_N

ClientSampleId :

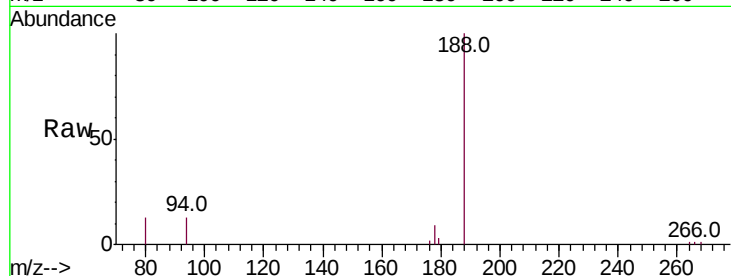
Tot Ion:178 Resp: 922

Ion Ratio Lower Upper

178 100

179 29.0 13.0 19.6#

176 25.0 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

17.09

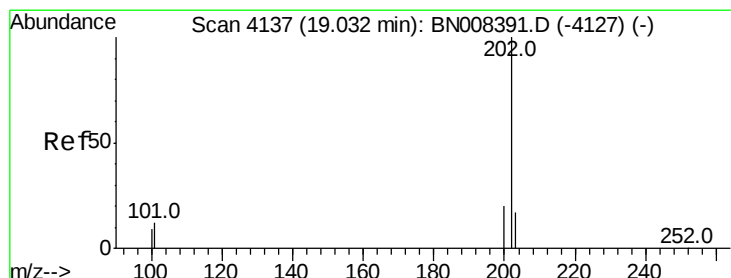
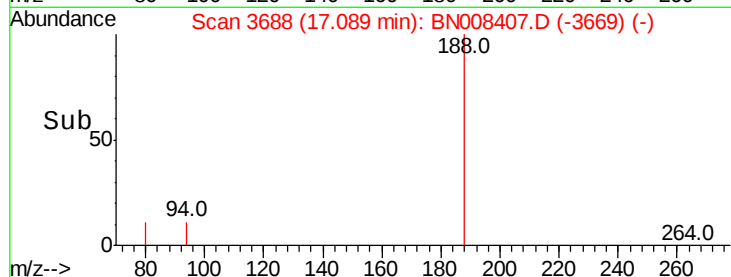
600

400

200

0

Time-->



#15

Fluoranthene

Concen: 0.364 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

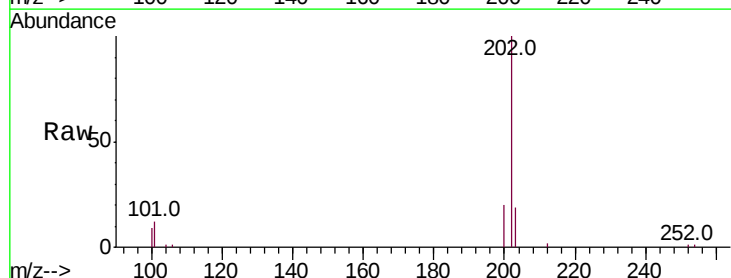
Tgt Ion:202 Resp: 16373

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.2

100 9.1 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): E

19.03

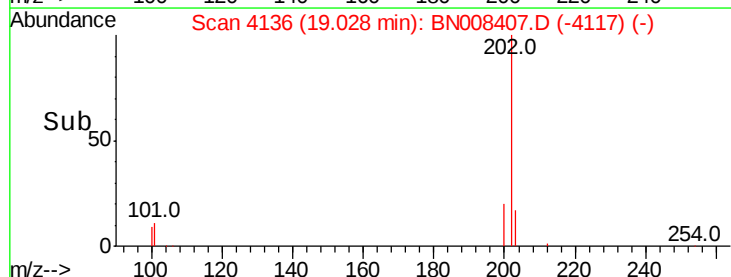
15000

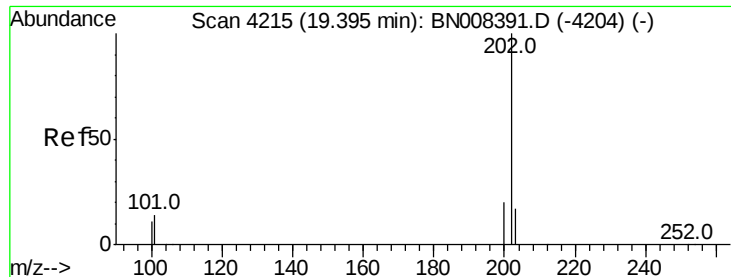
10000

5000

0

Time-->





#17

Pvrene

Concen: 0.377 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

Instrument :

BNA_N

ClientSampleId :

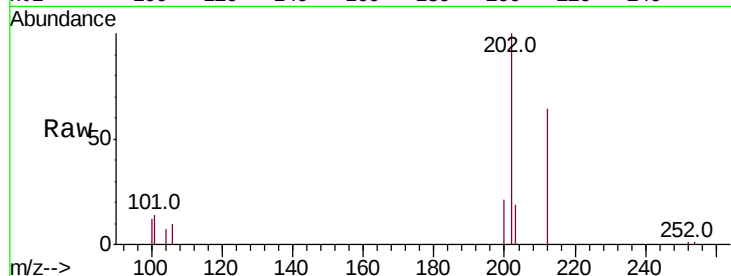
Tot Ion:202 Resp: 15315

Ion Ratio Lower Upper

202 100

101 14.1 10.9 16.3

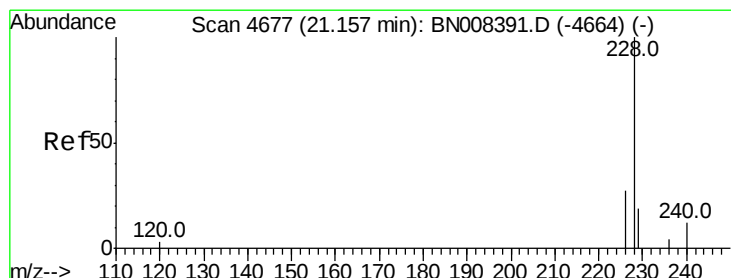
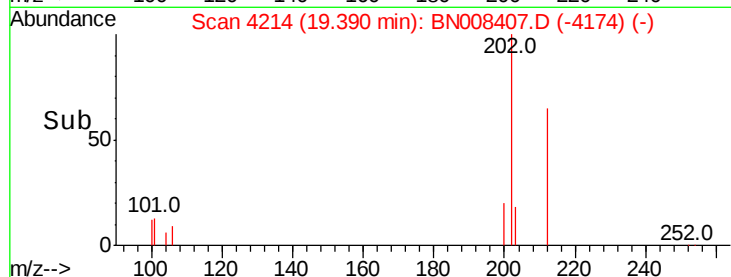
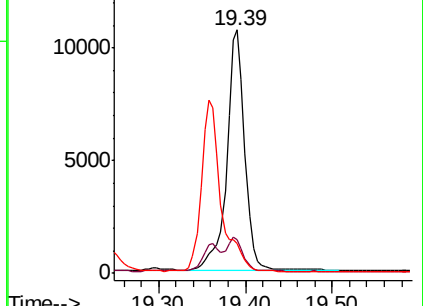
100 12.3 8.7 13.1



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: 0.162 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. -0.02 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

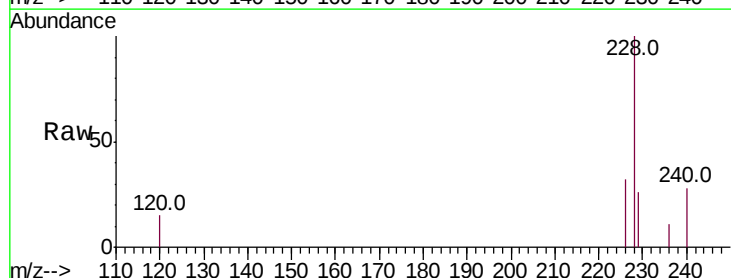
Tgt Ion:228 Resp: 5996

Ion Ratio Lower Upper

228 100

229 26.1 16.2 24.2#

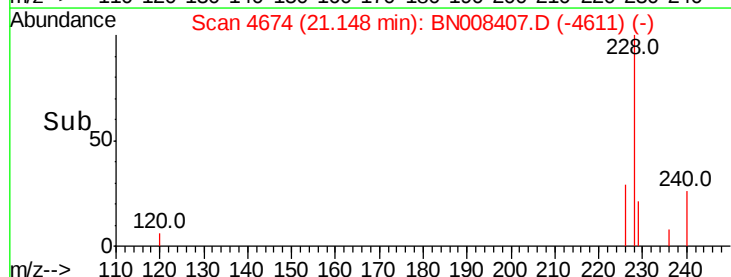
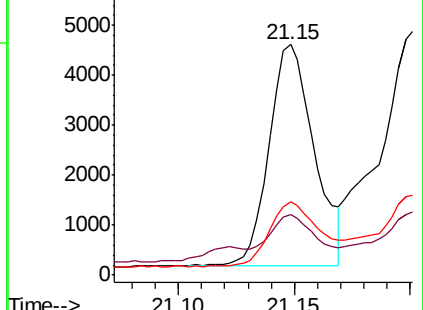
226 31.8 21.4 32.0

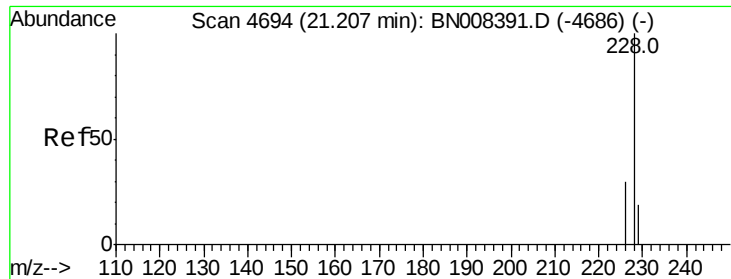


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.188 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

Instrument :

BNA_N

ClientSampleId :

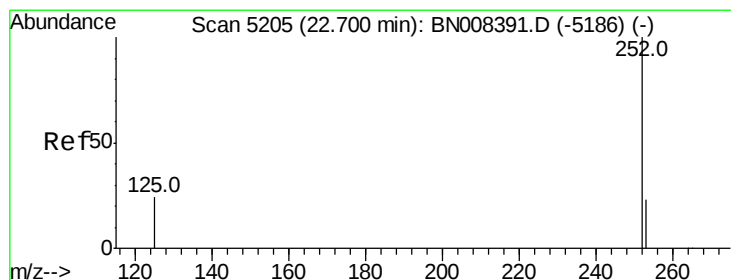
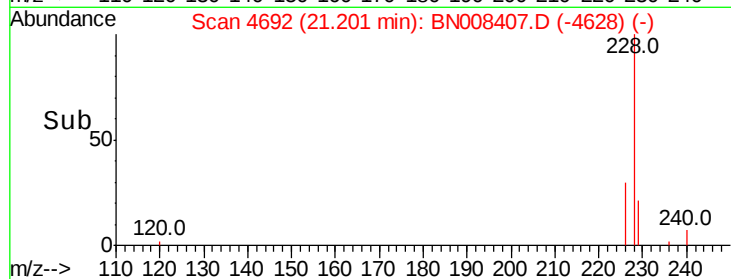
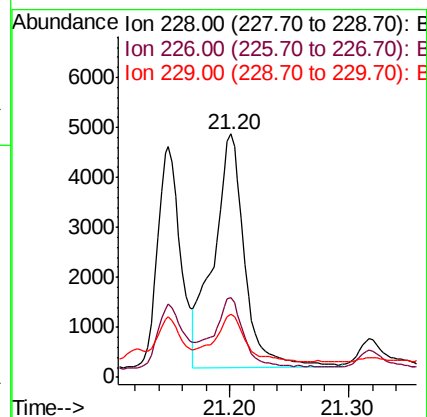
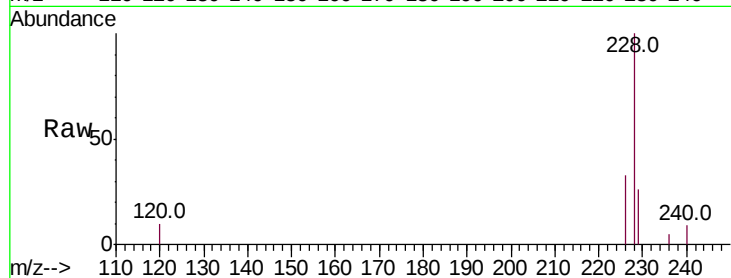
Tot Ion:228 Resp: 8578

Ion Ratio Lower Upper

228 100

226 32.6 24.1 36.1

229 25.8 16.2 24.2#



#21

Benzo(b)fluoranthene

Concen: 0.458 ng/ul

RT: 22.69 min Scan# 5202

Delta R.T. -0.02 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

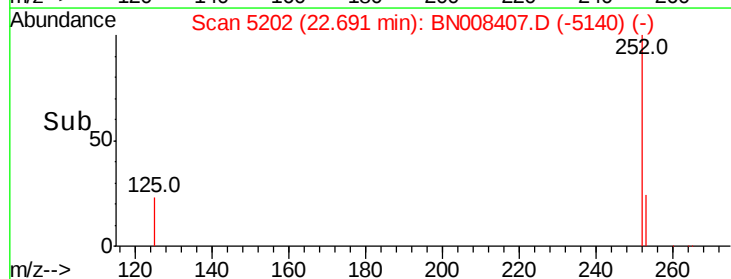
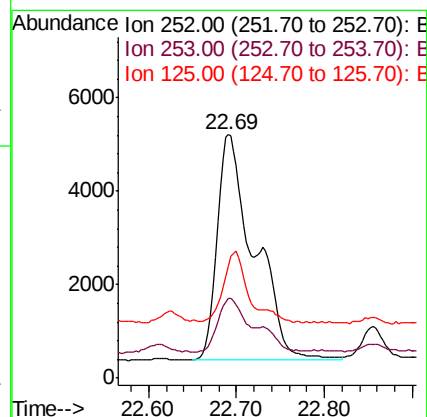
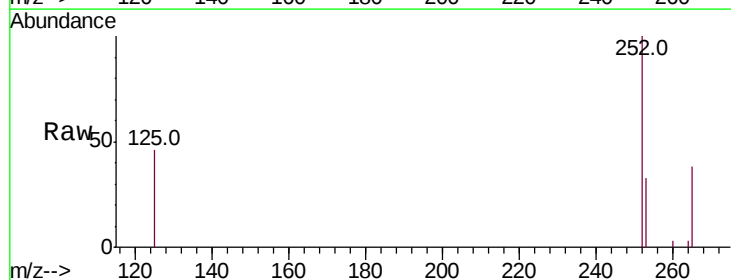
Tgt Ion:252 Resp: 14032

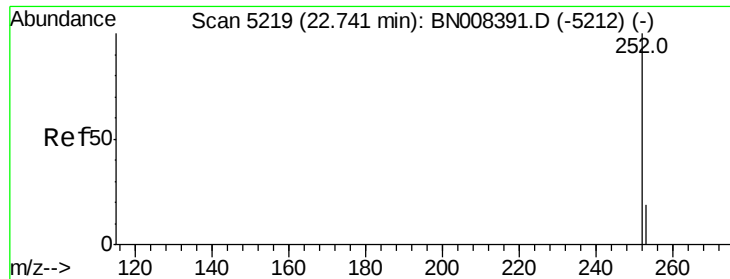
Ion Ratio Lower Upper

252 100

253 32.7 0.0 53.4

125 46.0 0.0 32.4#

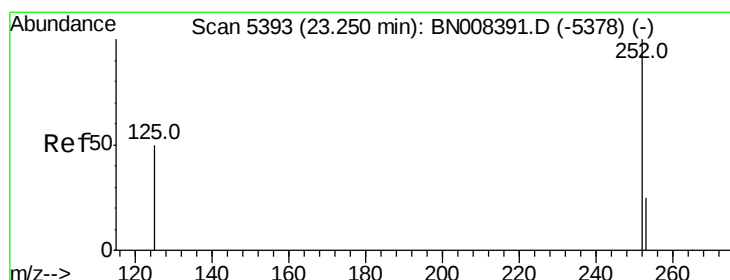
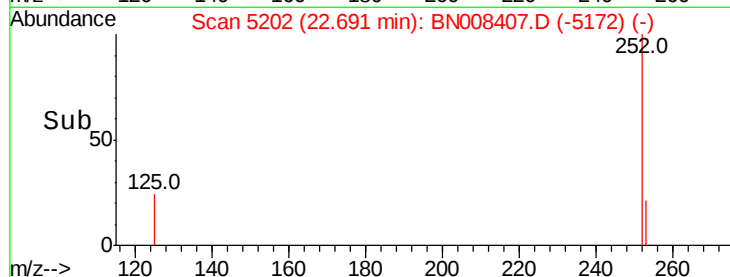
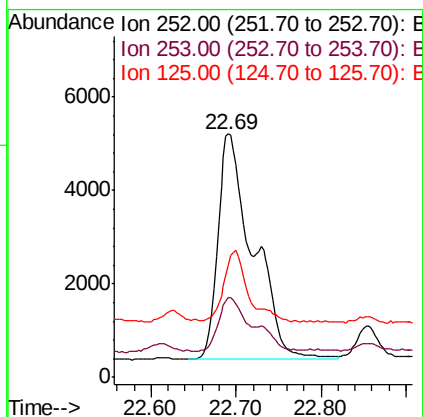
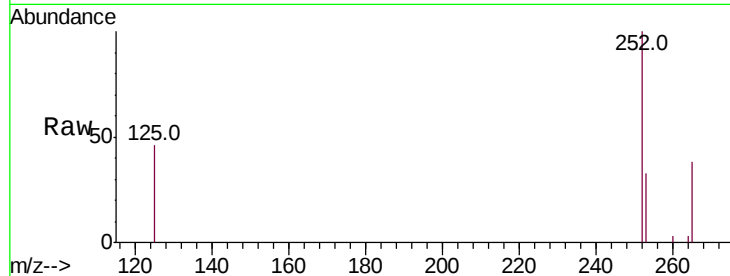




#22
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 22.69 min Scan# 5202
Delta R.T. -0.06 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

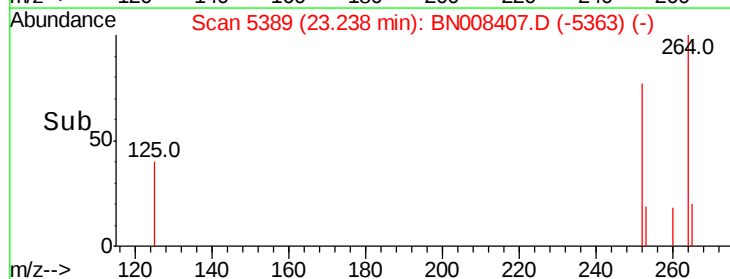
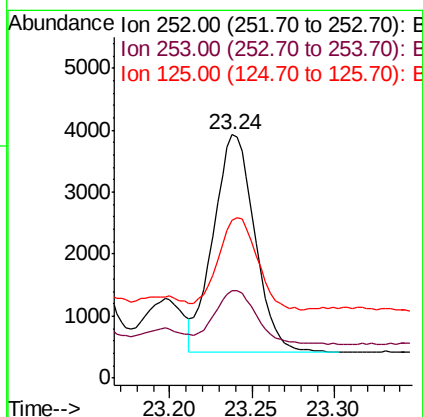
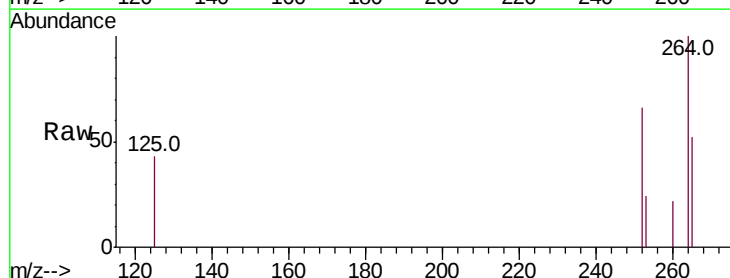
Instrument :
BNA_N
ClientSampleId :

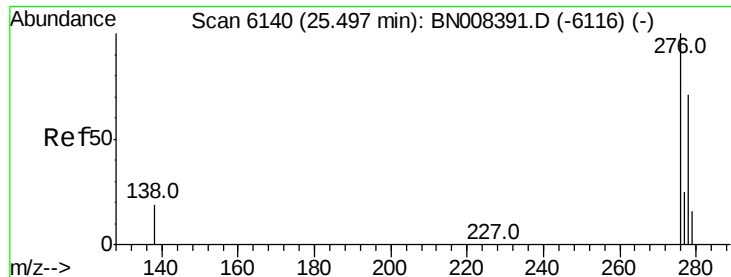
Tot Ion:252 Resp: 14044
Ion Ratio Lower Upper
252 100
253 32.7 21.3 31.9#
125 46.0 12.3 18.5#



#23
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

Tgt Ion:252 Resp: 6169
Ion Ratio Lower Upper
252 100
253 36.2 22.8 34.2#
125 64.7 18.4 27.6#



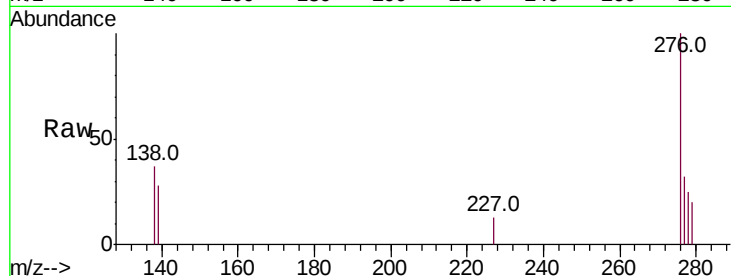


#24

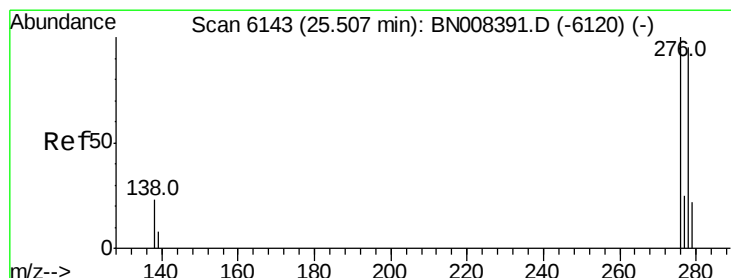
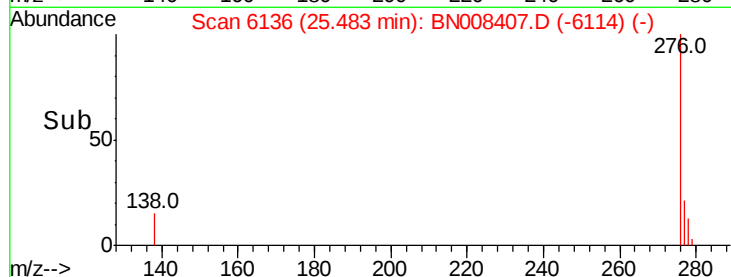
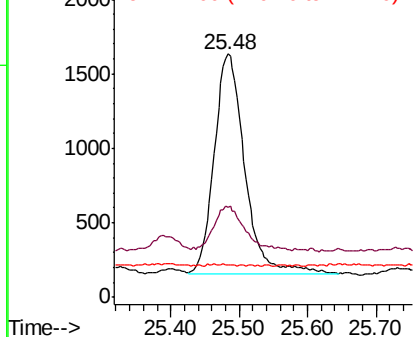
Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.03 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 4516
Ion Ratio Lower Upper
276 100
138 18.4 16.1 24.1
227 0.0 0.2 0.2#



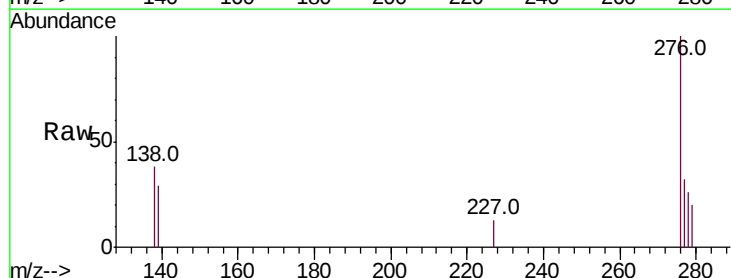
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



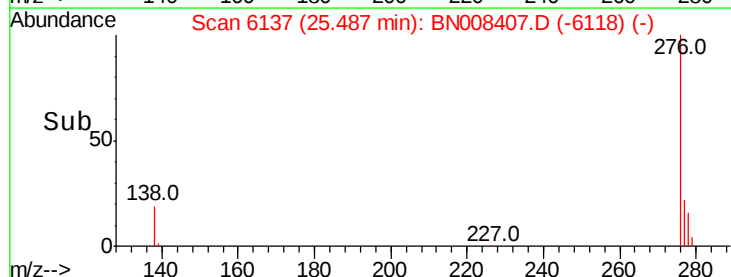
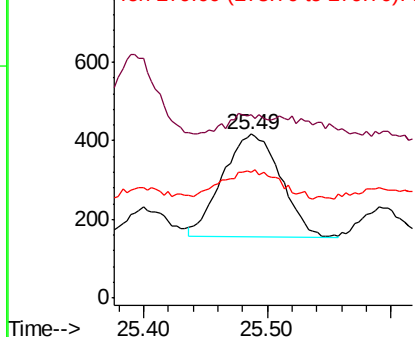
#25

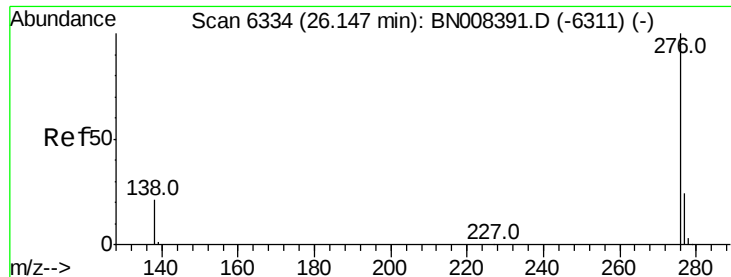
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.04 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

Tgt Ion:278 Resp: 850
Ion Ratio Lower Upper
278 100
139 111.5 15.0 22.6#
279 77.0 22.4 33.6#



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: 0.134 ng/ul

RT: 26.14 min Scan# 6331

Delta R.T. -0.03 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

Instrument :

BNA_N

ClientSampleId :

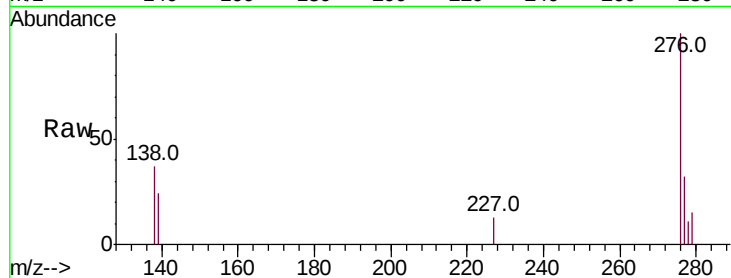
Tot Ion:276 Resp: 4663

Ion Ratio Lower Upper

276 100

138 37.4 17.0 25.4#

277 31.8 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

