

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025396.D
 Acq On : 08 Mar 2020 22:09
 Operator : CG/JU
 Sample : L1617-13
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 01:16:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4213	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	17669	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	12556	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	30403	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	28211	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	24074	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1942	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	5863	0.06	ng/ul	-0.01

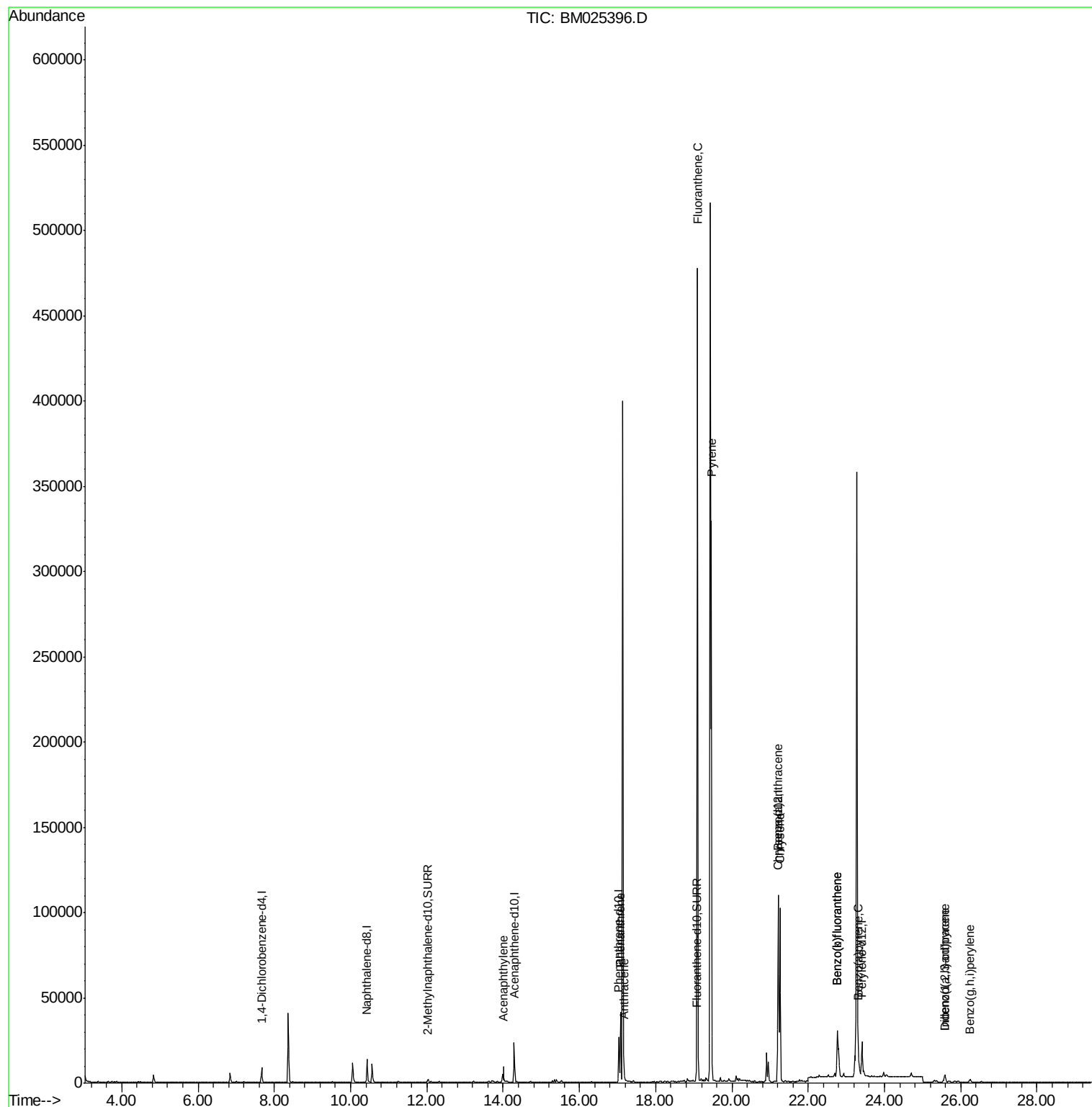
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1510	0.026	ng/ul	97
12) Phenanthrene	17.08	178	42241	0.431	ng/ul	95
13) Anthracene	17.17	178	4942	0.057	ng/ul	98
15) Fluoranthene	19.09	202	408541	3.329	ng/ul	95
17) Pyrene	19.46	202	274913	2.569	ng/ul	95
18) Benzo(a)anthracene	21.21	228	86492	0.834	ng/ul	98
19) Chrysene	21.26	228	94268	0.827	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	61971	0.643	ng/ul	94
22) Benzo(k)fluoranthene	22.76	252	61971	0.614	ng/ul#	96
23) Benzo(a)pyrene	23.31	252	13084	0.162	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.58	276	6815	0.068	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	1859	0.022	ng/ul#	68
26) Benzo(g,h,i)perylene	26.25	276	3726	0.044	ng/ul	94

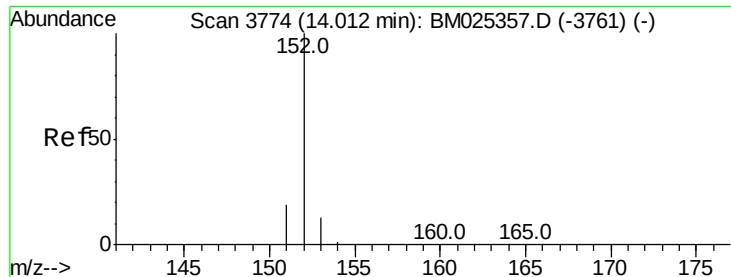
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.02 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

Instrument :

BNA_M

ClientSampleId :

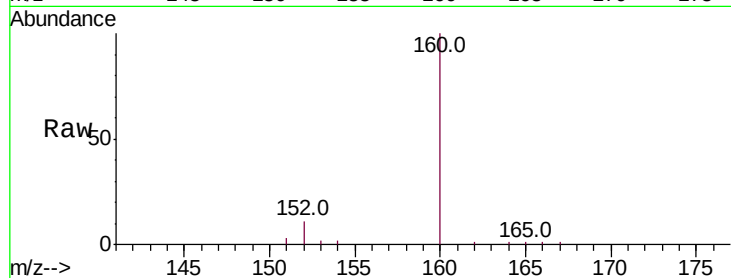
Tot Ion:152 Resp: 1510

Ion Ratio Lower Upper

152 100

151 23.6 17.8 26.8

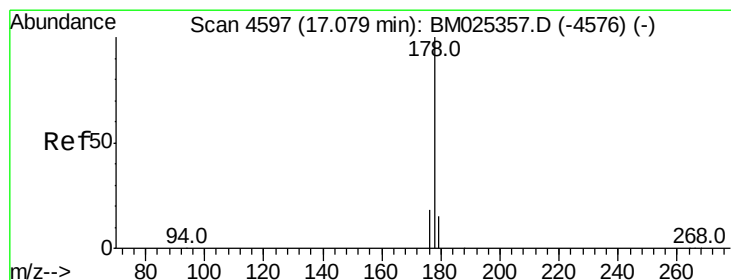
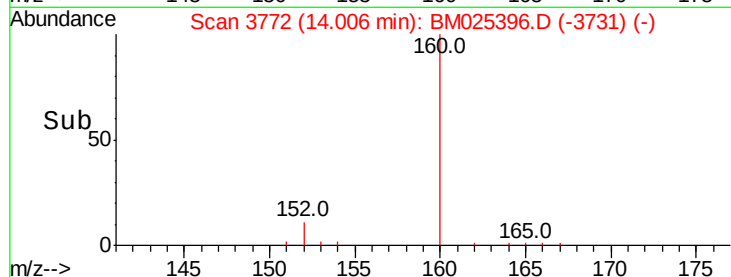
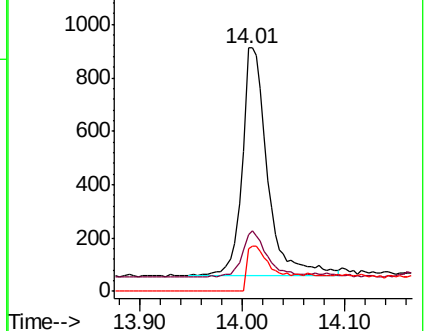
153 17.8 13.3 19.9



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: 0.431 ng/ul

RT: 17.08 min Scan# 4596

Delta R.T. -0.01 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

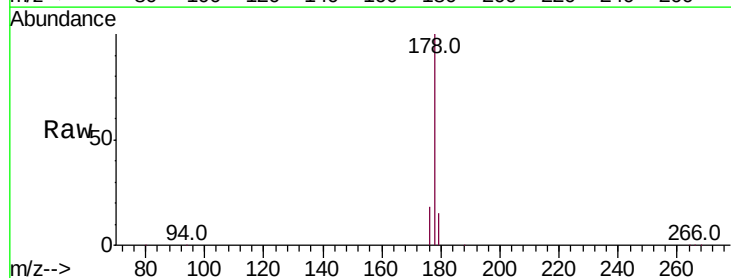
Tgt Ion:178 Resp: 42241

Ion Ratio Lower Upper

178 100

179 15.5 14.0 21.0

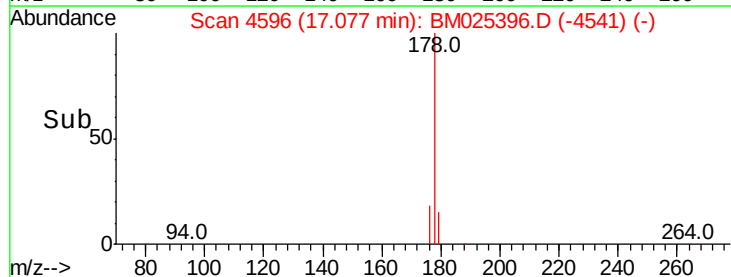
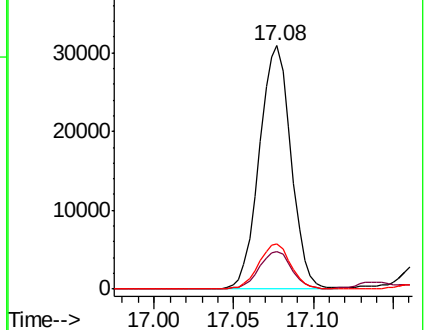
176 18.5 16.6 24.8

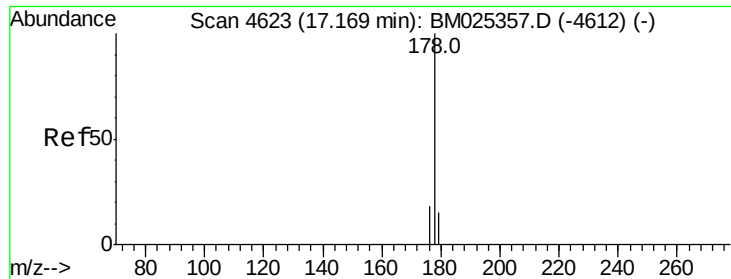


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

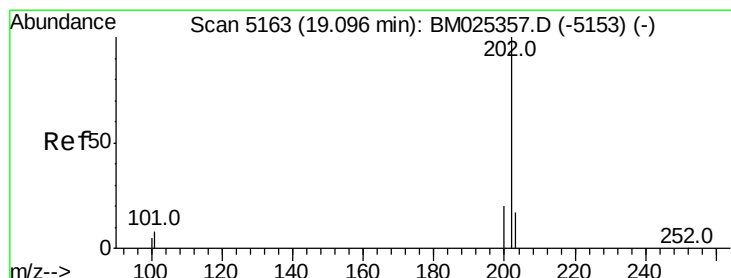
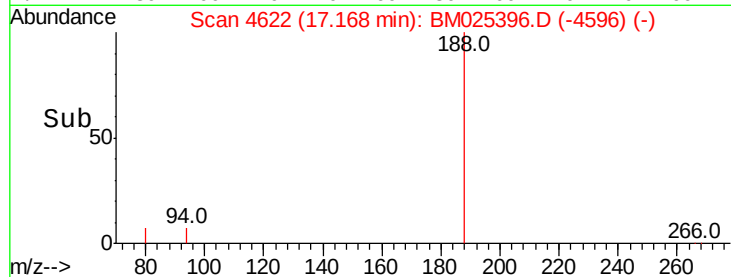
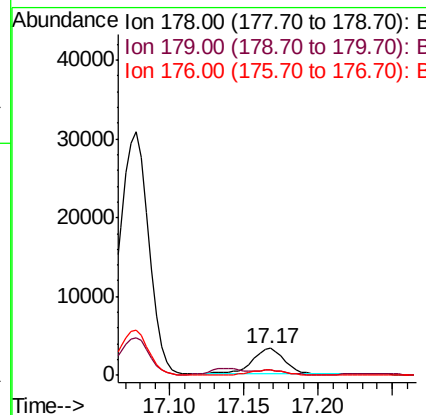
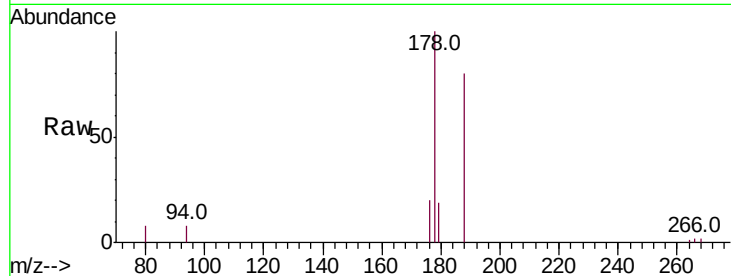




#13
 Anthracene
 Concen: 0.057 ng/ul
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: BM025396.D
 Acq: 08 Mar 2020 22:09

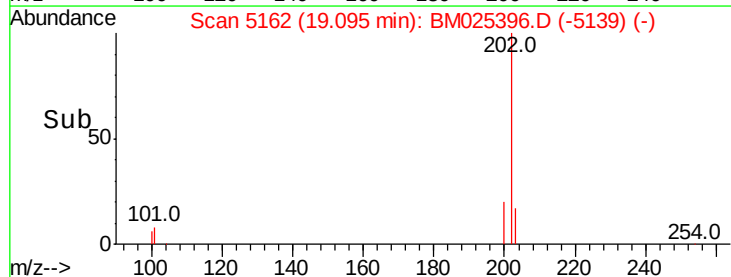
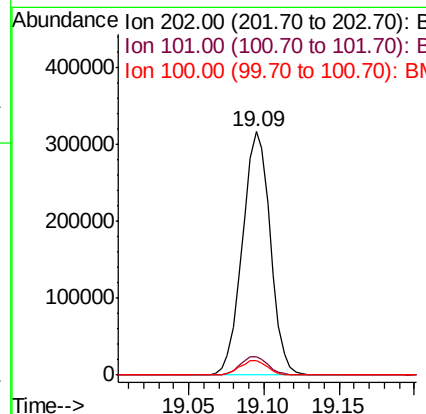
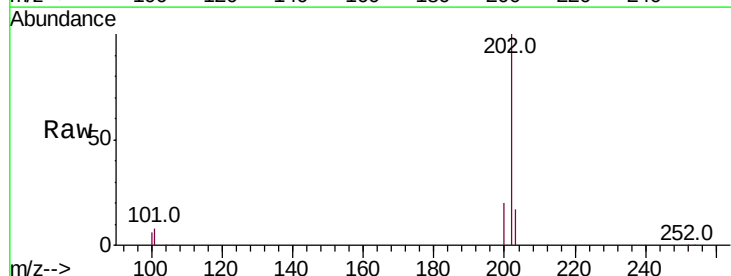
Instrument :
 BNA_M
 ClientSampleId :

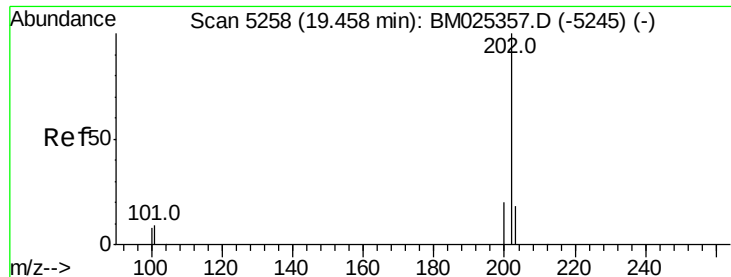
Tot Ion:178 Resp: 4942
 Ion Ratio Lower Upper
 178 100
 179 18.7 14.1 21.1
 176 19.5 16.2 24.4



#15
 Fluoranthene
 Concen: 3.329 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.01 min
 Lab File: BM025396.D
 Acq: 08 Mar 2020 22:09

Tgt Ion:202 Resp: 408541
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 29.4
 100 5.9 0.0 28.0

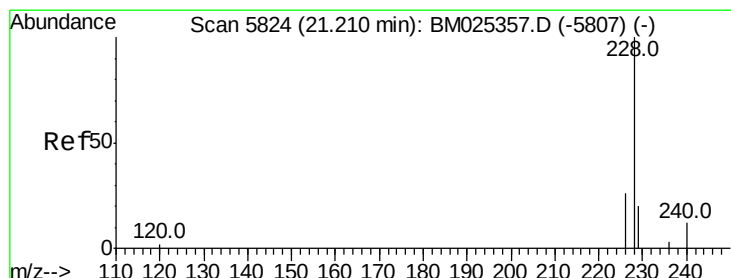
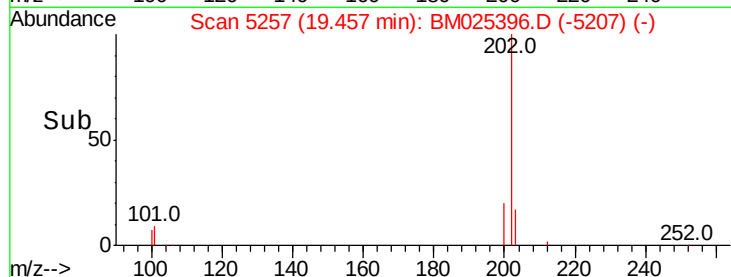
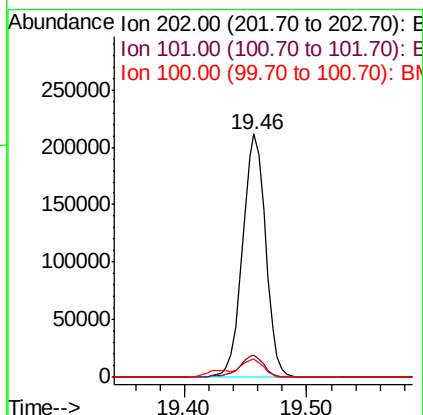
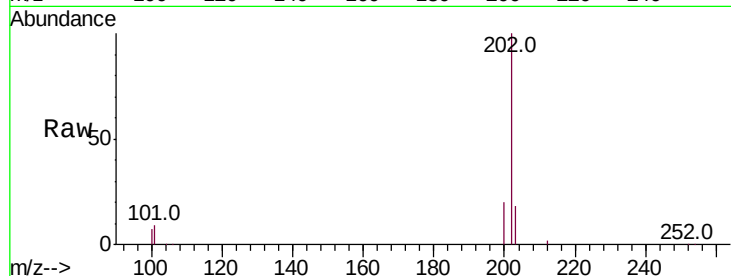




#17
Pvrene
Concen: 2.569 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. -0.01 min
Lab File: BM025396.D
Acq: 08 Mar 2020 22:09

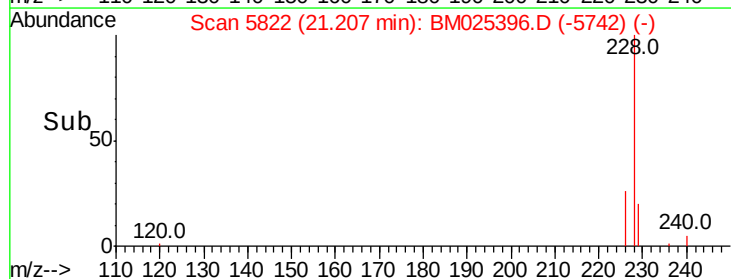
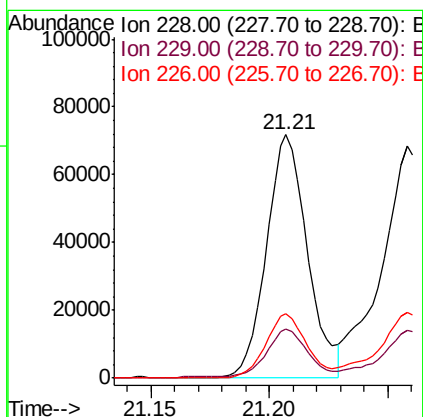
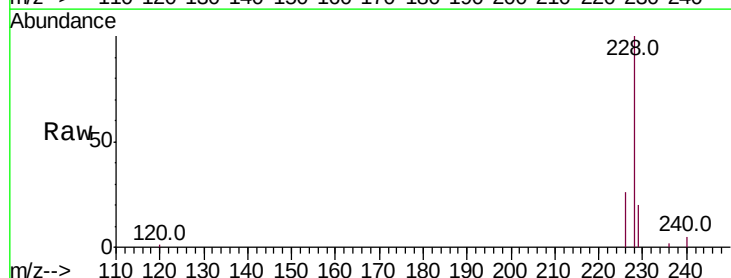
Instrument :
BNA_M
ClientSampled :

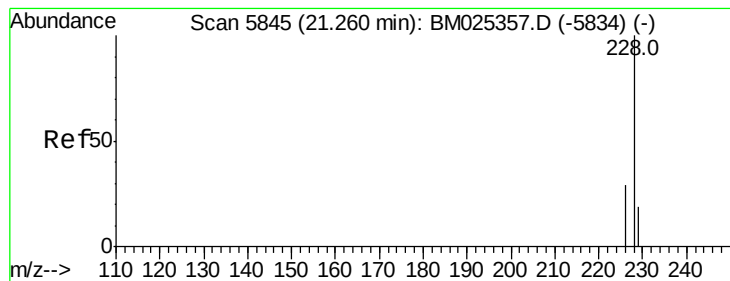
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.7	13.1
100	7.4	7.3	10.9



#18
Benzo(a)anthracene
Concen: 0.834 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. -0.01 min
Lab File: BM025396.D
Acq: 08 Mar 2020 22:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.6	25.0
226	26.3	21.9	32.9





#19

Chrysene

Concen: 0.827 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.01 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

Instrument :

BNA_M

ClientSampled :

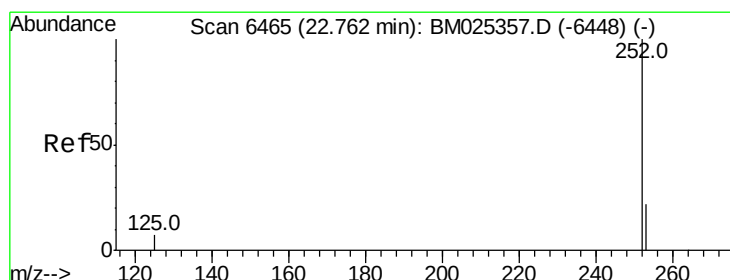
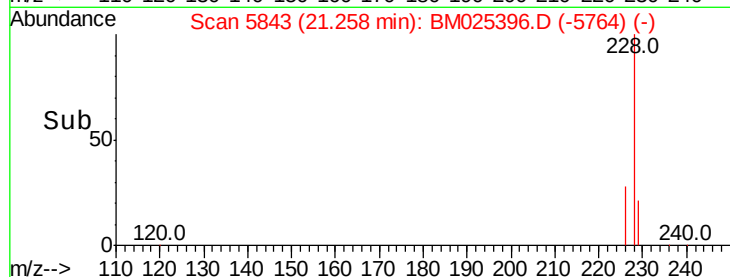
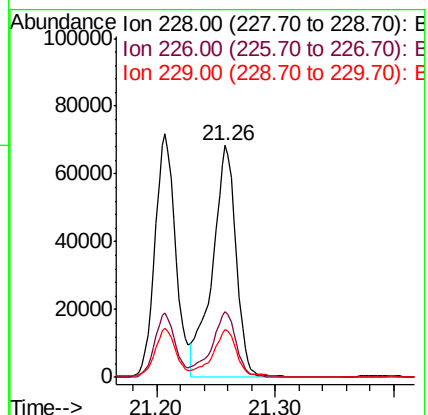
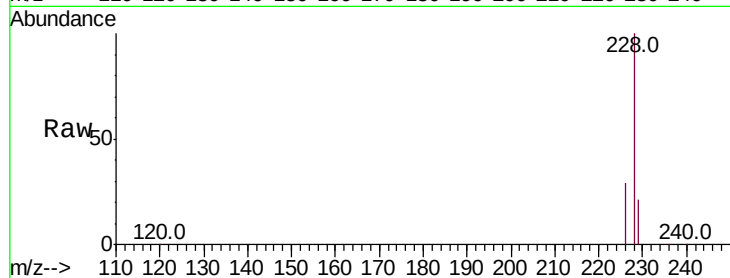
Tot Ion:228 Resp: 94268

Ion Ratio Lower Upper

228 100

226 28.6 23.8 35.8

229 20.7 16.9 25.3



#21

Benzo(b)fluoranthene

Concen: 0.643 ng/ul

RT: 22.76 min Scan# 6463

Delta R.T. -0.01 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

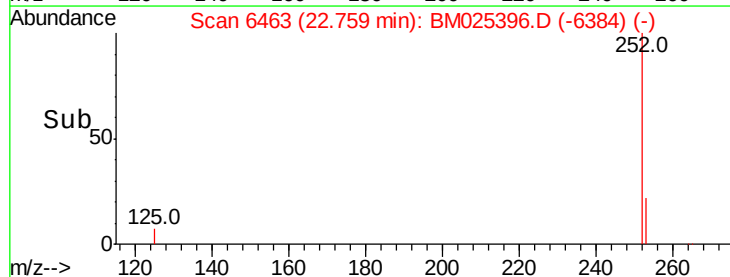
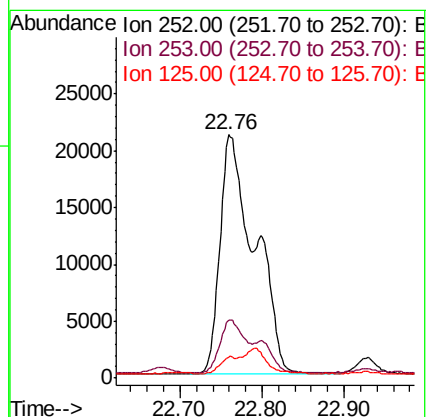
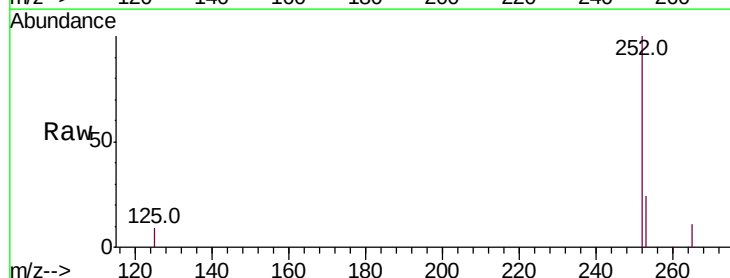
Tgt Ion:252 Resp: 61971

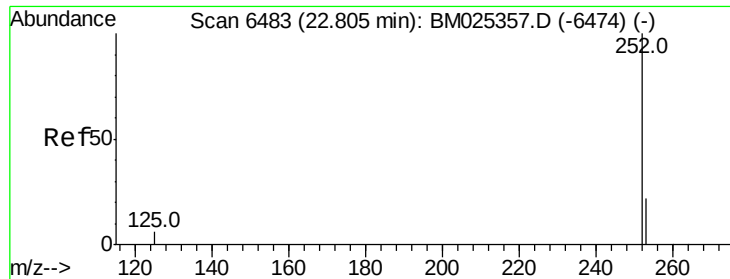
Ion Ratio Lower Upper

252 100

253 24.0 0.0 49.8

125 8.7 0.0 28.6

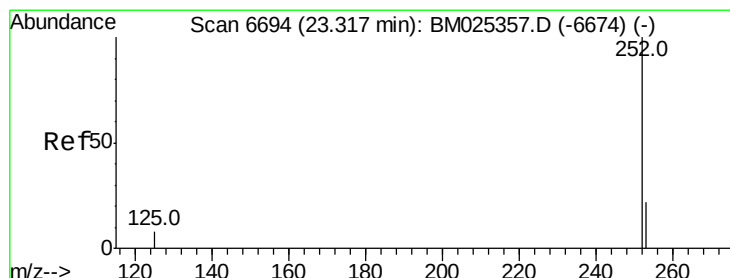
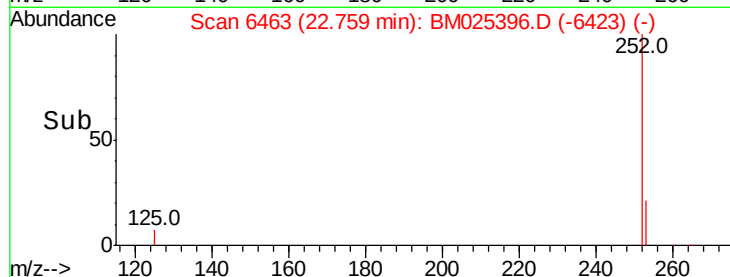
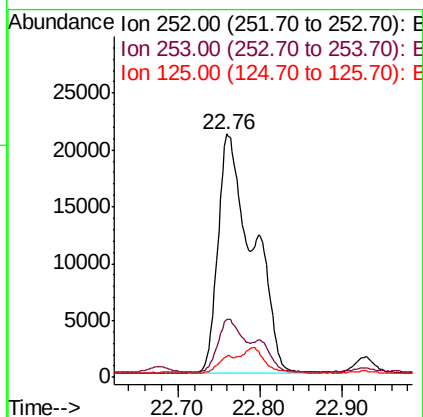
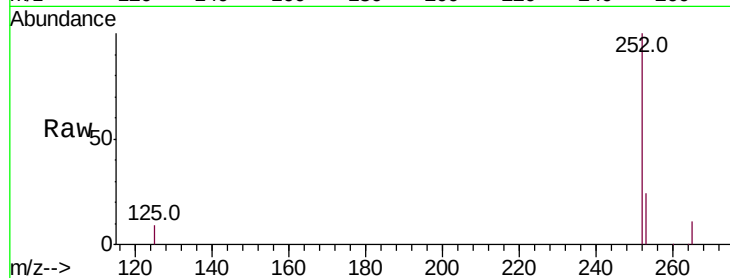




#22
Benzo(k)fluoranthene
Concen: 0.614 ng/ul
RT: 22.76 min Scan# 6463
Delta R.T. -0.05 min
Lab File: BM025396.D
Acq: 08 Mar 2020 22:09

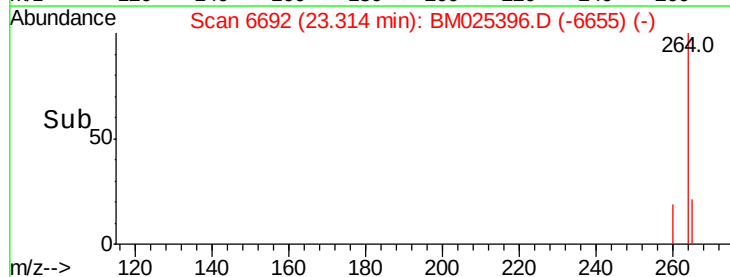
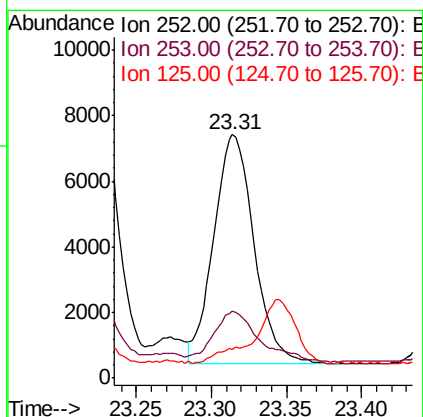
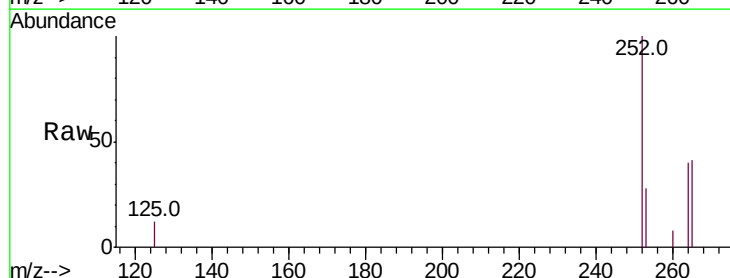
Instrument :
BNA_M
ClientSampleId :

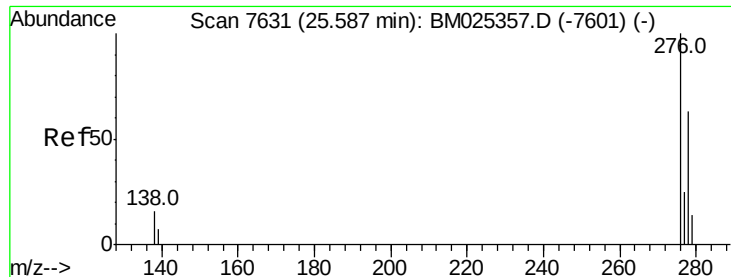
Tot Ion:252 Resp: 61971
Ion Ratio Lower Upper
252 100
253 24.0 19.4 29.0
125 8.7 10.7 16.1#



#23
Benzo(a)pyrene
Concen: 0.162 ng/ul
RT: 23.31 min Scan# 6692
Delta R.T. -0.01 min
Lab File: BM025396.D
Acq: 08 Mar 2020 22:09

Tgt Ion:252 Resp: 13084
Ion Ratio Lower Upper
252 100
253 27.7 20.3 30.5
125 12.0 13.0 19.4#



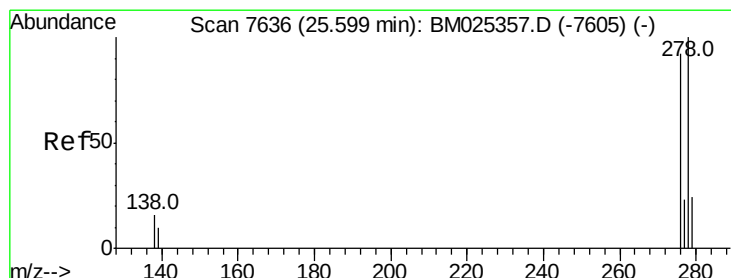
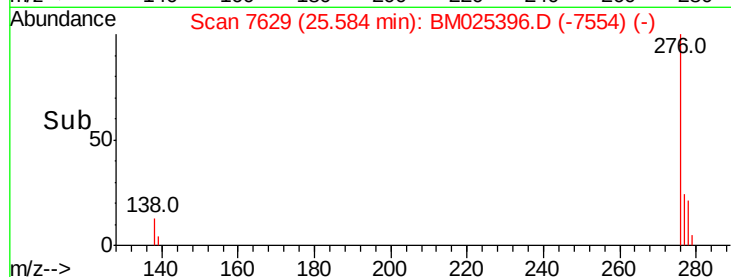
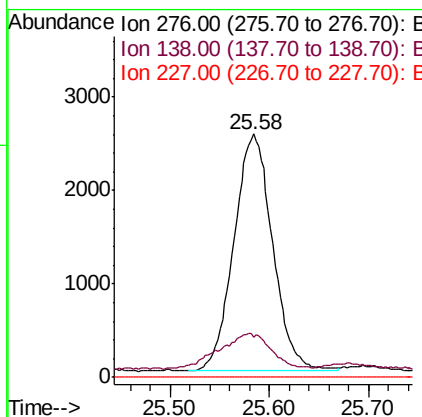
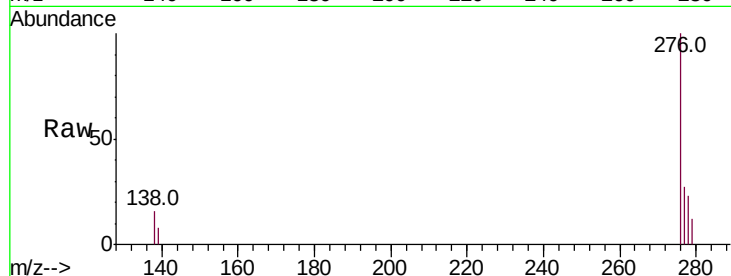


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.02 min
Lab File: BM025396.D
Acq: 08 Mar 2020 22:09

Instrument :
BNA_M
ClientSampleId :

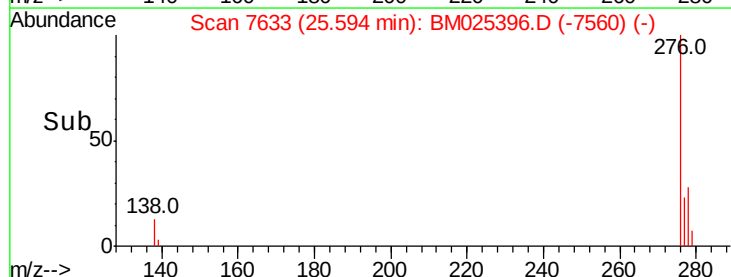
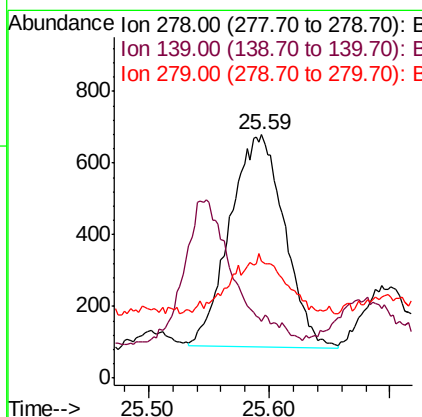
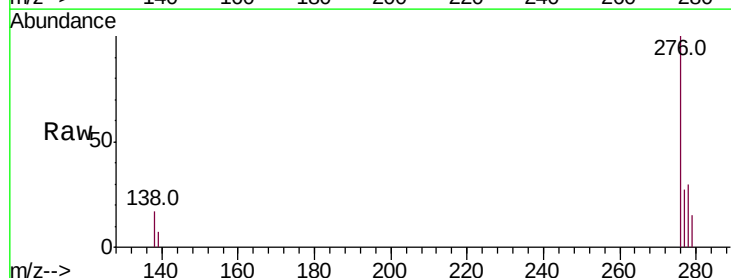
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	0.0	0.0#
227	0.0	0.0	0.0

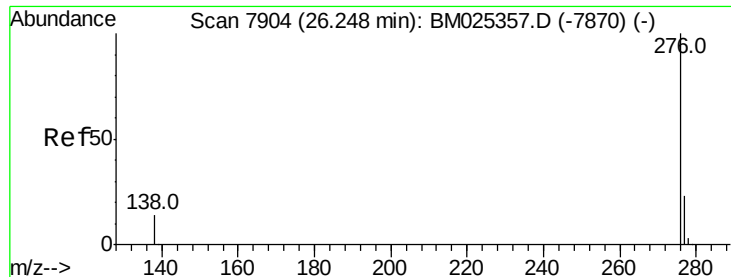


#25

Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.59 min Scan# 7633
Delta R.T. -0.02 min
Lab File: BM025396.D
Acq: 08 Mar 2020 22:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	13.2	19.8#
279	48.2	21.0	31.4#





#26

Benzo(a,h,i)perylene

Concen: 0.044 ng/ul

RT: 26.25 min Scan# 7902

Delta R.T. -0.02 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

Instrument :

BNA_M

ClientSampleId :

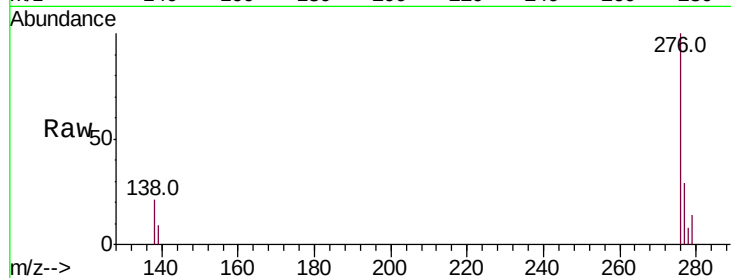
Tot Ion:276 Resp: 3726

Ion Ratio Lower Upper

276 100

138 20.7 17.9 26.9

277 29.4 20.5 30.7



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

