

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
 Data File : BM002543.D
 Acq On : 22 Aug 2015 04:43
 Operator : UM/IZ
 Sample : G3372-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DX2

Quant Time: Aug 22 05:50:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 23:16:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	128700	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	601919	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	321628	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.11	188	675390	20.00	ng/ul	0.00
17) Chrysene-d12	22.19	240	636336	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	487354	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.11	160	1198577	36.45	ng/ul	0.00
10) Fluorene-d10	16.37	176	787828	34.11	ng/ul	0.00
14) Anthracene-d10	18.21	188	1191652	36.58	ng/ul	0.00
18) Pyrene-d10	20.43	212	1150178	40.78	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	866515	33.85	ng/ul	0.00

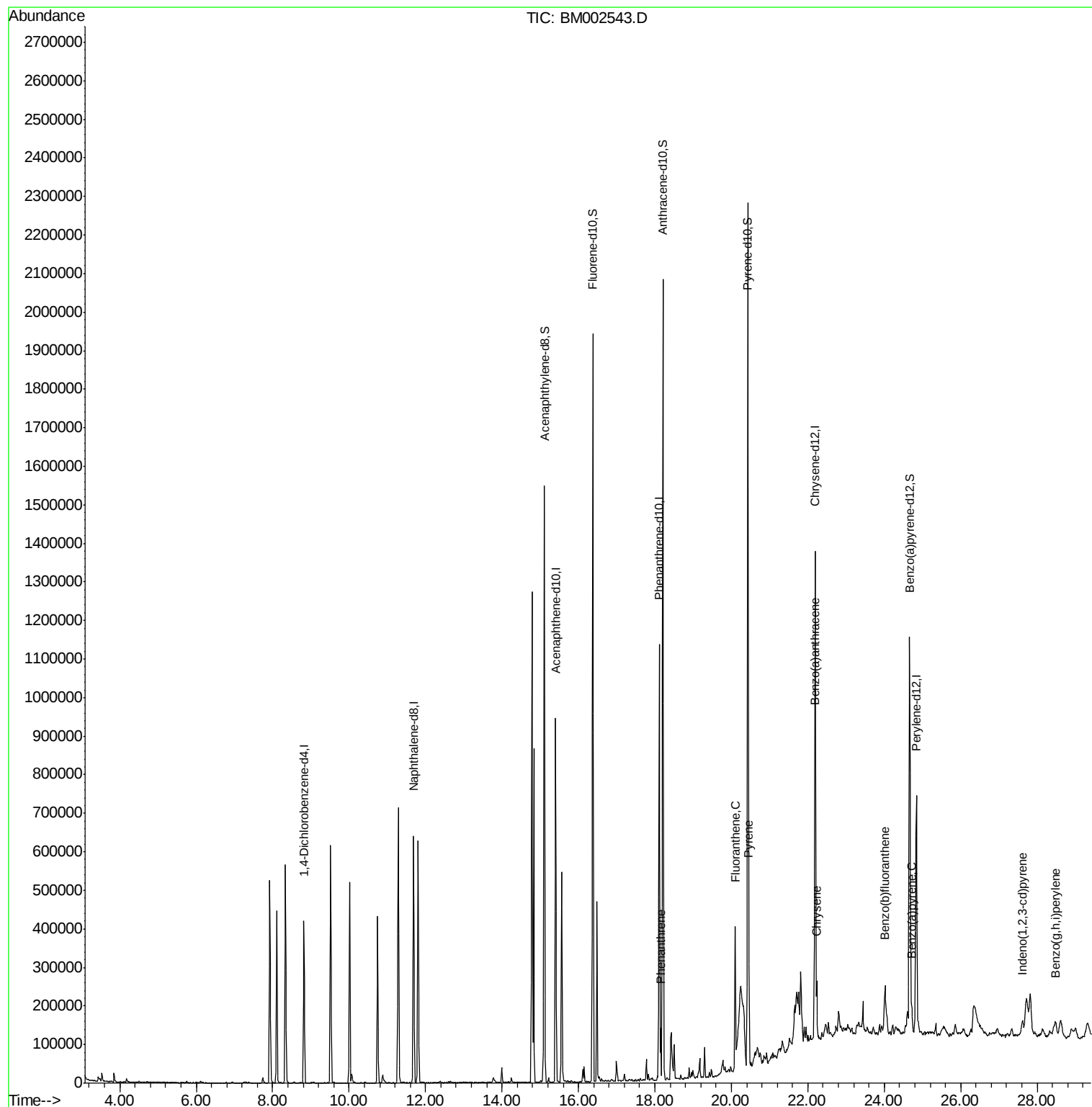
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.15	178	84091	2.16	ng/ul	99
16) Fluoranthene	20.10	202	219204	4.96	ng/ul	99
19) Pyrene	20.46	202	162417	4.36	ng/ul	98
20) Benzo(a)anthracene	22.17	228	92663	2.44	ng/ul	98
21) Chrysene	22.23	228	89293	2.51	ng/ul	97
23) Benzo(b)fluoranthene	24.02	252	100123	3.40	ng/ul	97
26) Benzo(a)pyrene	24.72	252	59437	2.11	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.61	276	40219	1.24	ng/ul	95
29) Benzo(g,h,i)perylene	28.49	276	39682	1.47	ng/ul	95

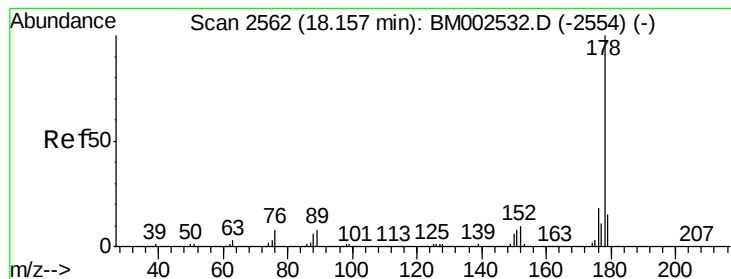
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002543.D
Acq On : 22 Aug 2015 04:43
Operator : UM/IZ
Sample : G3372-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DX2

Quant Time: Aug 22 05:50:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.16 ng/ul

RT: 18.15 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

Instrument :

BNA_M

ClientSampleId :

D9DX2

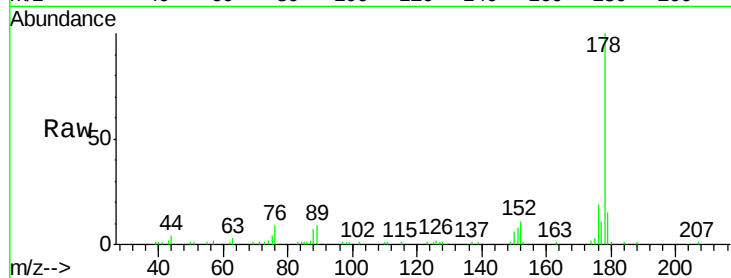
Tgt Ion:178 Resp: 84091

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

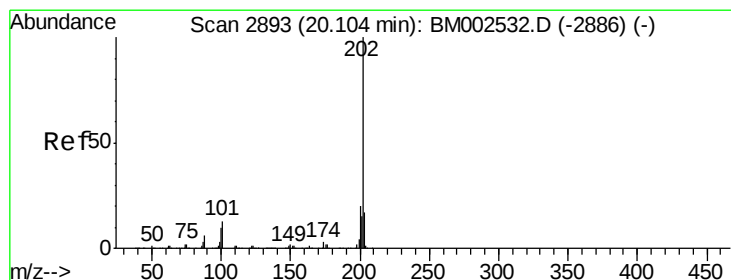
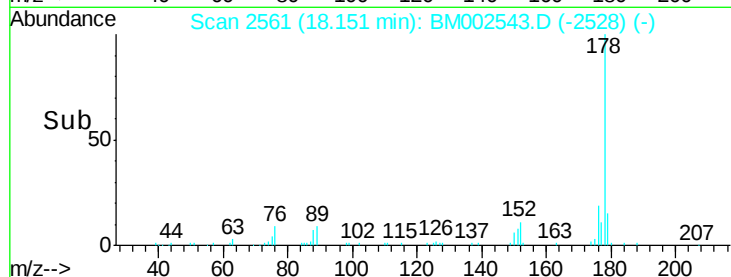
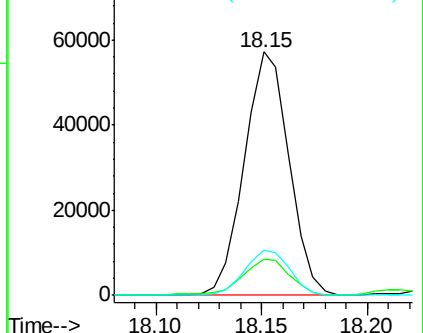
176 18.6 15.1 22.7



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



#16

Fluoranthene

Concen: 4.96 ng/ul

RT: 20.10 min Scan# 2893

Delta R.T. 0.00 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

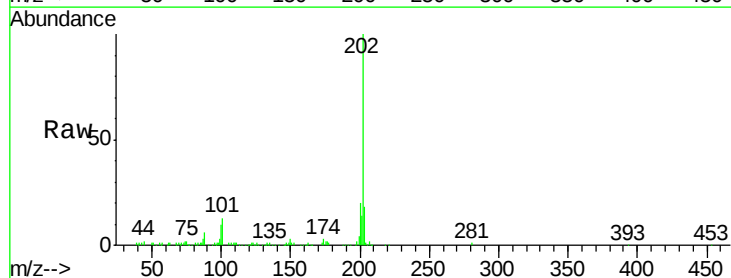
Tgt Ion:202 Resp: 219204

Ion Ratio Lower Upper

202 100

101 12.9 9.7 14.5

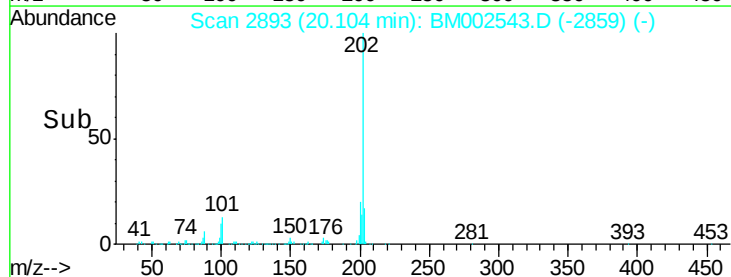
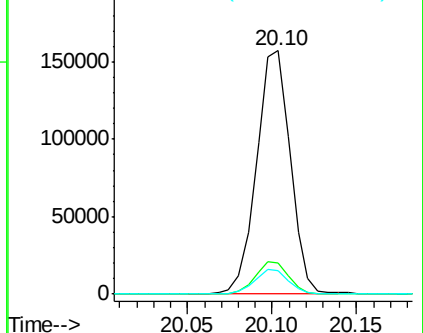
100 9.6 7.4 11.2

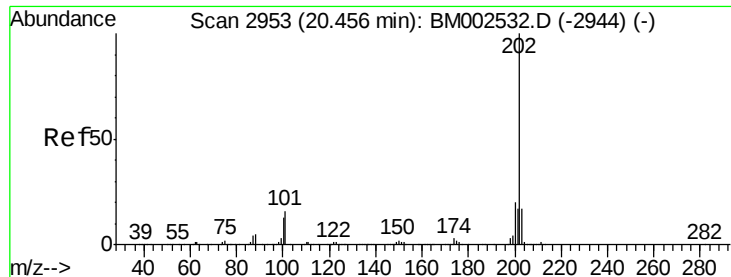


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 4.36 ng/ul

RT: 20.46 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

Instrument :

BNA_M

ClientSampleId :

D9DX2

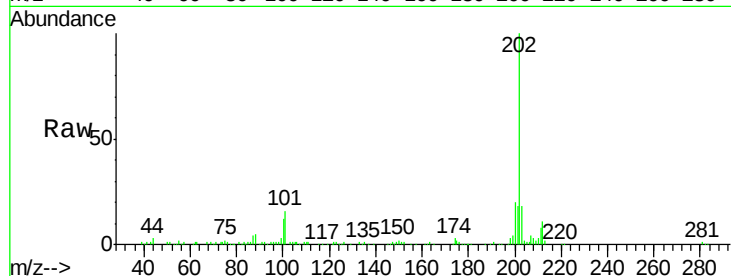
Tgt Ion:202 Resp: 162417

Ion Ratio Lower Upper

202 100

101 15.9 12.0 18.0

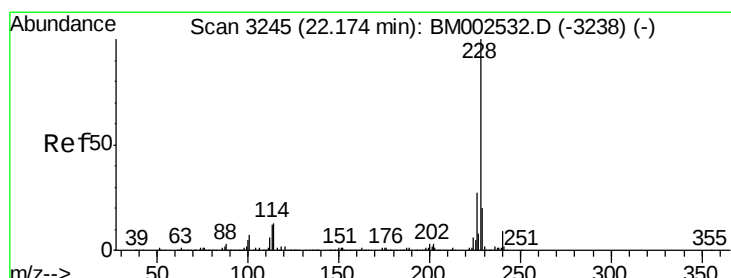
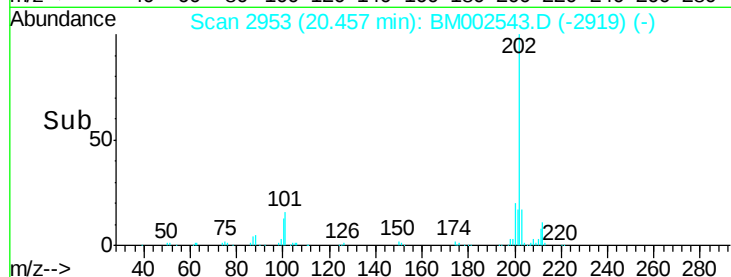
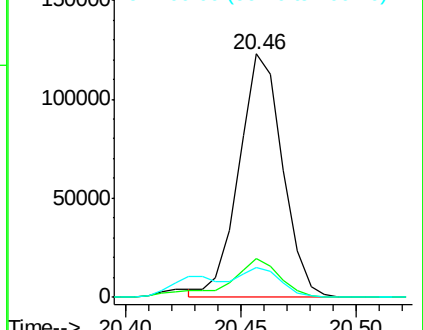
100 12.4 9.7 14.5



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



#20

Benzo(a)anthracene

Concen: 2.44 ng/ul

RT: 22.17 min Scan# 3245

Delta R.T. 0.00 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

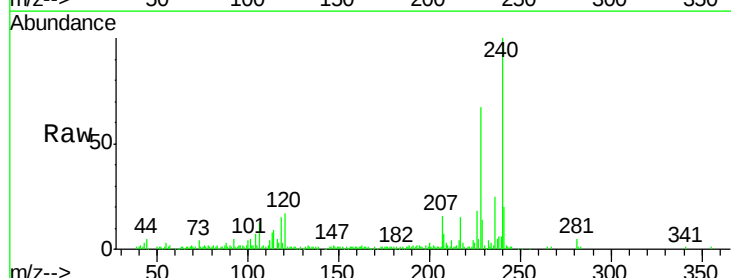
Tgt Ion:228 Resp: 92663

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

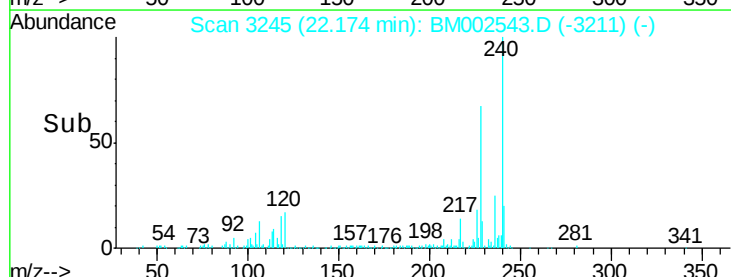
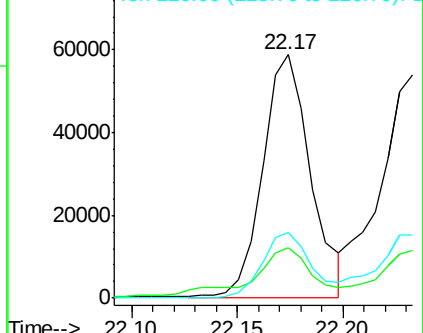
226 27.0 21.1 31.7

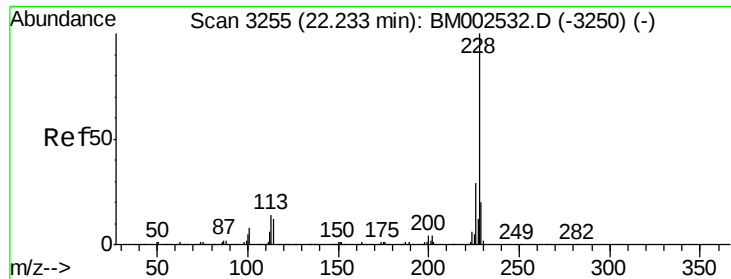


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.51 ng/ul

RT: 22.23 min Scan# 3255

Delta R.T. 0.00 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

Instrument :

BNA_M

ClientSampleId :

D9DX2

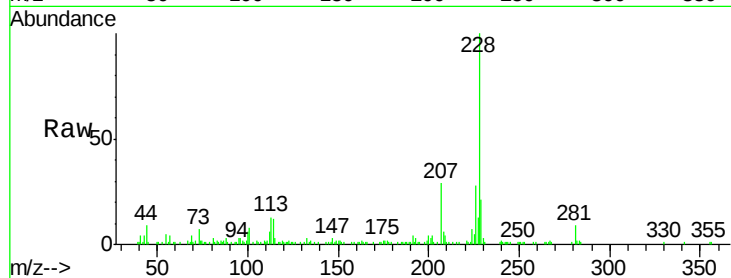
Tgt Ion:228 Resp: 89293

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

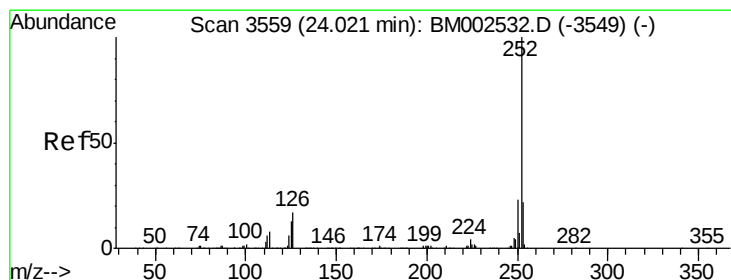
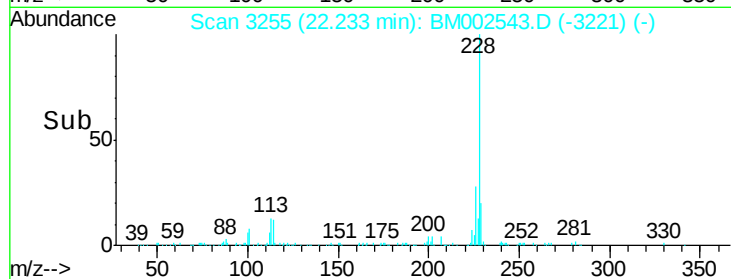
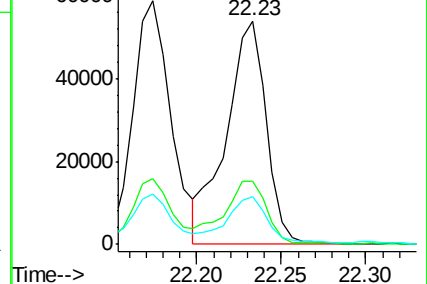
229 21.4 15.7 23.5



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



#23

Benzo(b)fluoranthene

Concen: 3.40 ng/ul

RT: 24.02 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

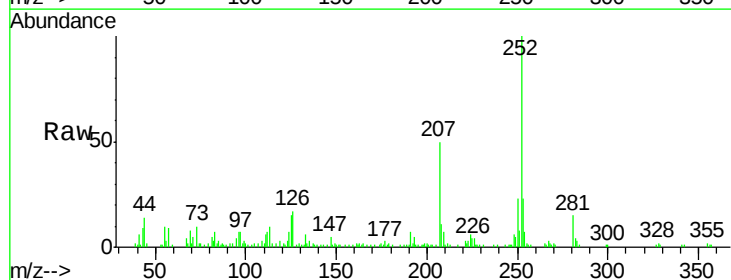
Tgt Ion:252 Resp: 100123

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

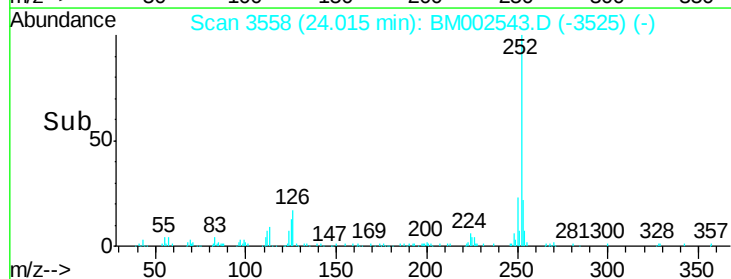
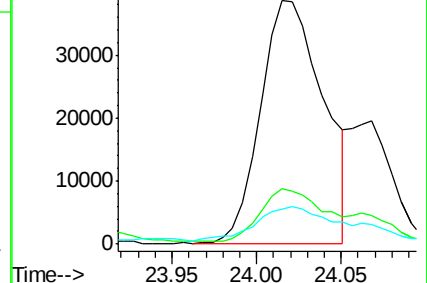
125 14.6 10.0 15.0

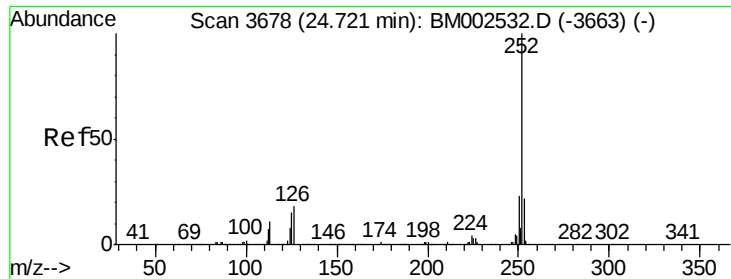


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 2.11 ng/ul

RT: 24.72 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

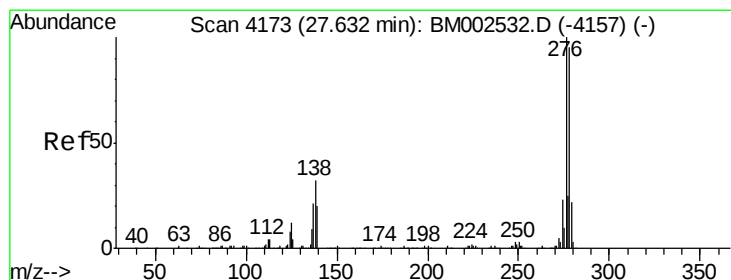
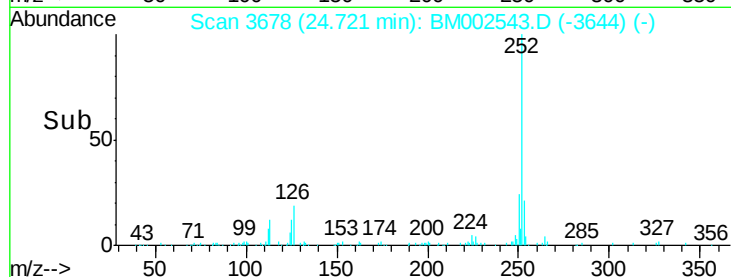
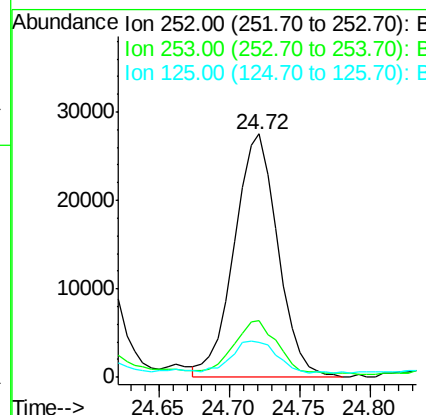
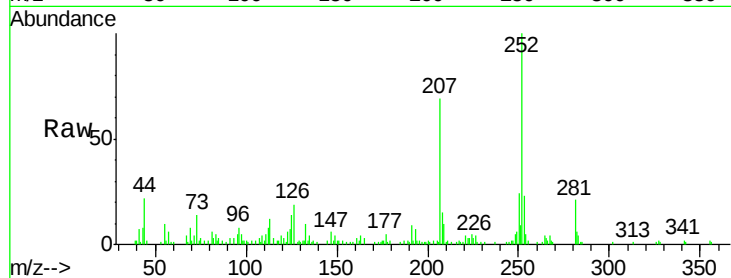
Instrument :

BNA_M

ClientSampleId :

D9DX2

Tgt Ion:	252	Resp:	59437
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	14.4	10.7	16.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.24 ng/ul

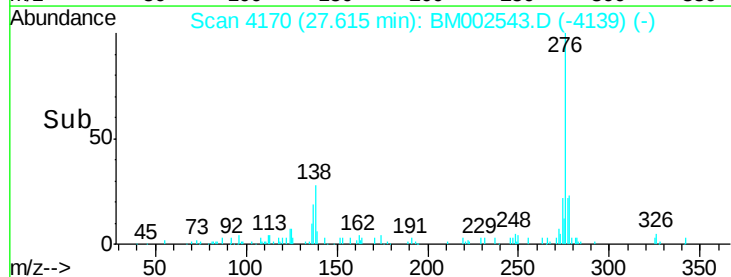
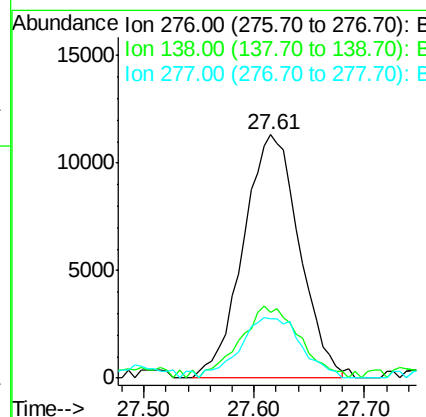
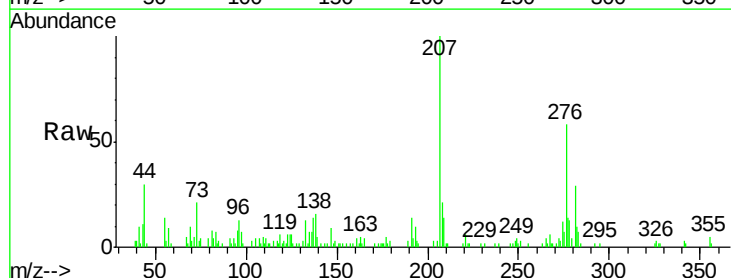
RT: 27.61 min Scan# 4170

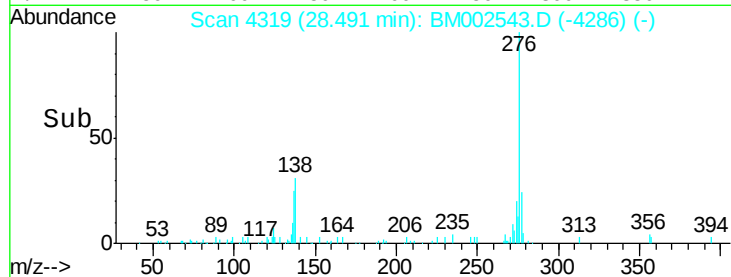
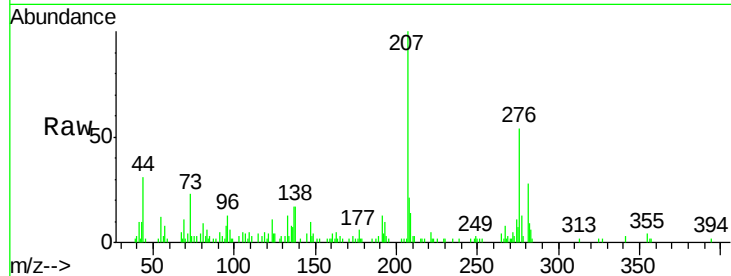
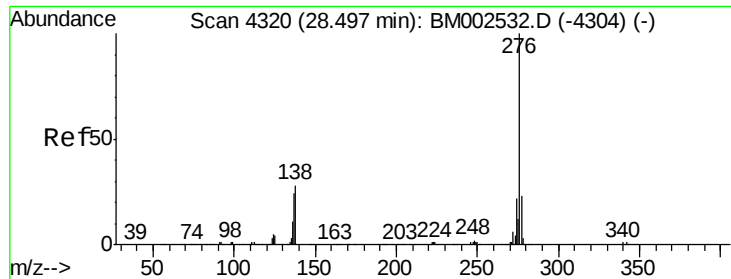
Delta R.T. -0.02 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

Tgt Ion:	276	Resp:	40219
Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.3	37.9
277	24.3	20.2	30.2





#29

Benzo(g,h,i)perylene

Concen: 1.47 ng/ul

RT: 28.49 min Scan# 4319

Delta R.T. -0.01 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

Instrument :

BNA_M

ClientSampleId :

D9DX2

Tgt Ion: 276 Resp: 39682

Ion Ratio Lower Upper

276 100

138 31.2 21.0 31.6

277 24.3 19.2 28.8

