

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
 Data File : BM002520.D
 Acq On : 21 Aug 2015 14:35
 Operator : UM/IZ
 Sample : G3372-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DT1

Quant Time: Aug 21 22:58:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 22:55:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	79902	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	389214	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	223972	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.11	188	498613	20.00	ng/ul	0.00
17) Chrysene-d12	22.20	240	547284	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	563311	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.11	160	818222	35.73	ng/ul	0.00
10) Fluorene-d10	16.37	176	559304	34.77	ng/ul	0.00
14) Anthracene-d10	18.21	188	860558	35.78	ng/ul	0.00
18) Pyrene-d10	20.43	212	921636	37.99	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.68	264	1080646	36.52	ng/ul	0.00

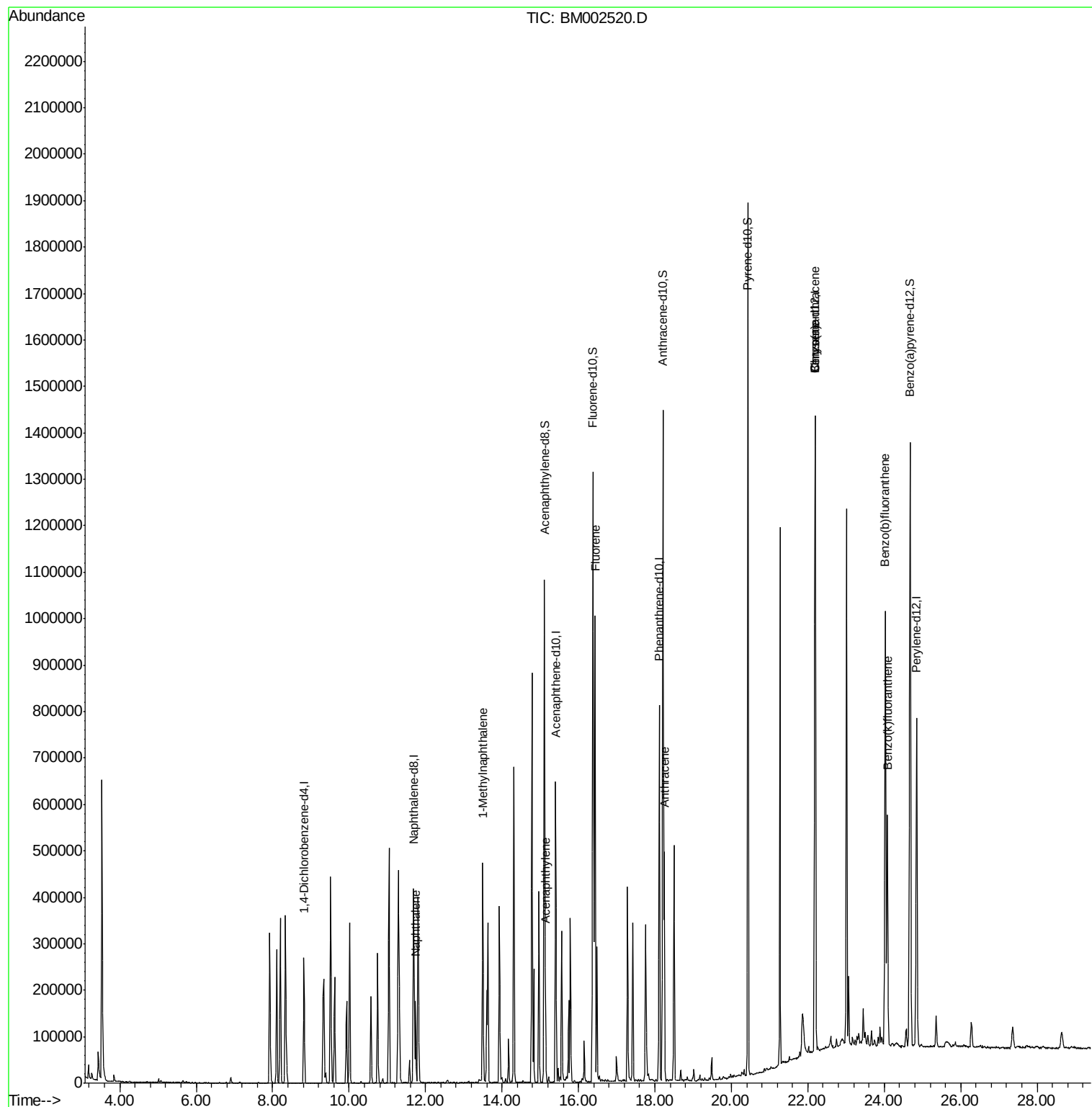
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.74	128	165040	8.31	ng/ul	99
5) 1-Methylnaphthalene	13.50	142	227393	15.45	ng/ul	100
8) Acenaphthylene	15.14	152	155610	6.49	ng/ul	99
11) Fluorene	16.43	166	461864	25.53	ng/ul	100
15) Anthracene	18.24	178	306092	10.49	ng/ul	99
20) Benzo(a)anthracene	22.18	228	629965	19.25	ng/ul	99
21) Chrysene	22.18	228	629965	20.58	ng/ul	97
23) Benzo(b)fluoranthene	24.03	252	737787	21.66	ng/ul	100
24) Benzo(k)fluoranthene	24.08	252	353359	10.95	ng/ul	100

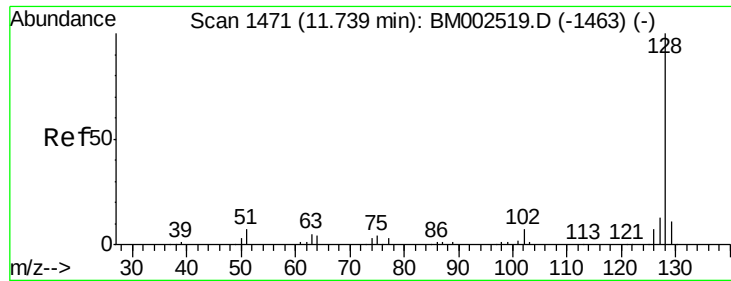
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002520.D
Acq On : 21 Aug 2015 14:35
Operator : UM/IZ
Sample : G3372-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DT1

Quant Time: Aug 21 22:58:12 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 22:55:48 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 8.31 ng/ul

RT: 11.74 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BM002520.D

Acq: 21 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9DT1

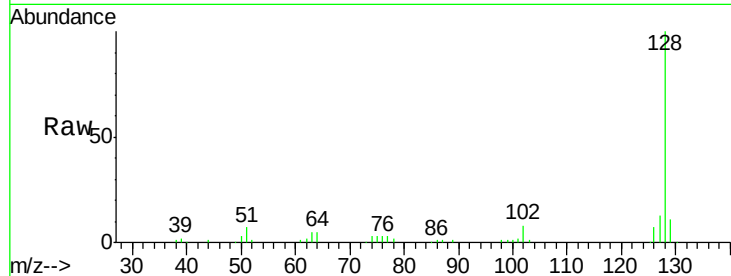
Tgt Ion:128 Resp: 165040

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

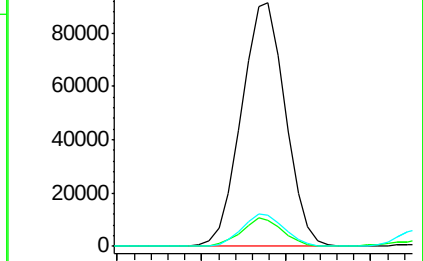
127 12.8 10.4 15.6



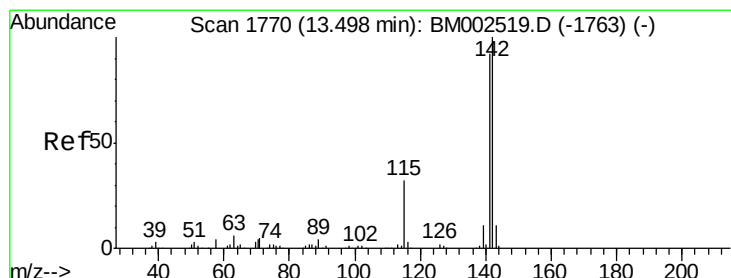
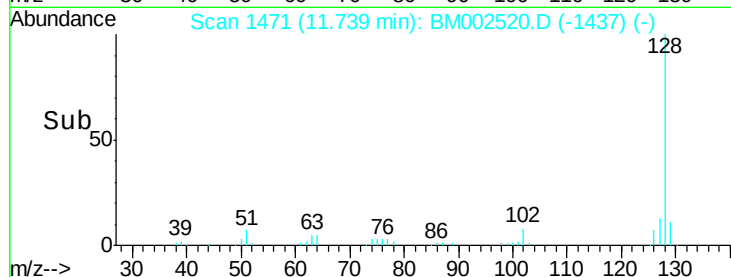
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 11.65 11.70 11.75 11.80



#5

1-Methylnaphthalene

Concen: 15.45 ng/ul

RT: 13.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BM002520.D

Acq: 21 Aug 2015 14:35

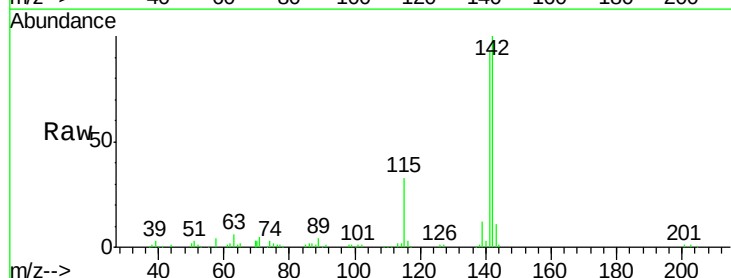
Tgt Ion:142 Resp: 227393

Ion Ratio Lower Upper

142 100

141 92.6 73.9 110.9

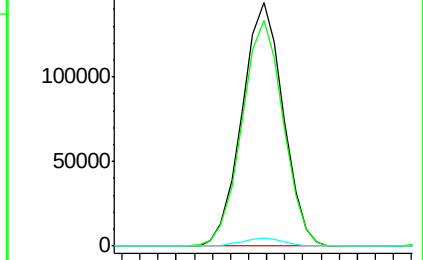
116 3.3 3.0 4.4



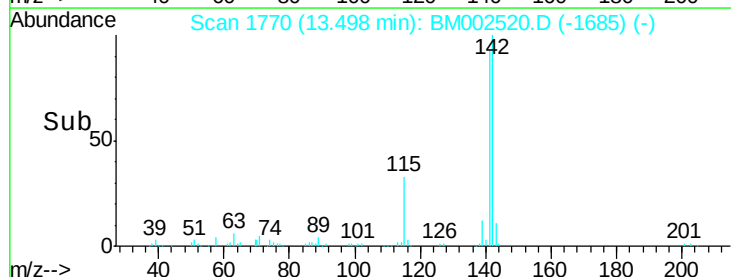
Abundance Ion 142.00 (141.70 to 142.70): E

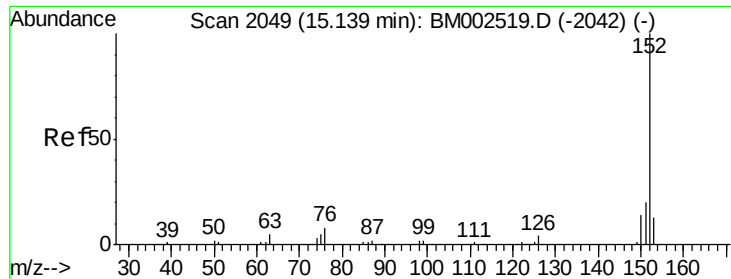
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time--> 13.45 13.50 13.55





#8

Acenaphthylene

Concen: 6.49 ng/ul

RT: 15.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM002520.D

Acq: 21 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9DT1

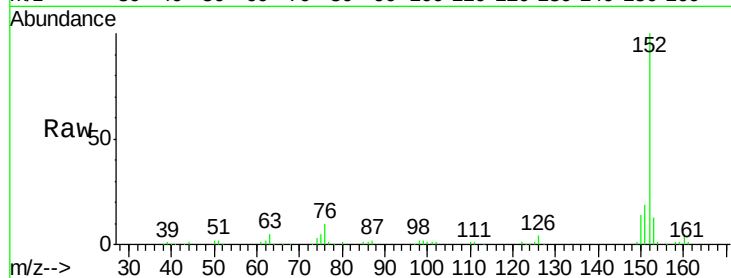
Tgt Ion:152 Resp: 155610

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

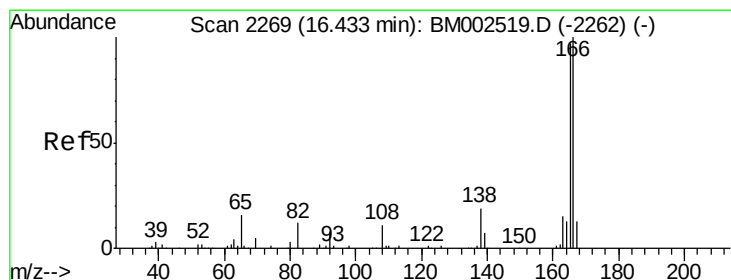
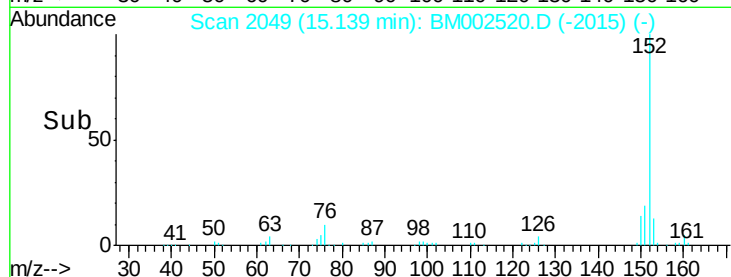
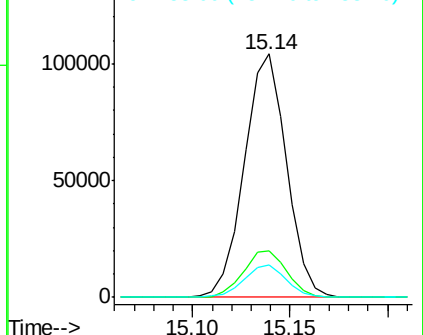
153 13.3 10.2 15.4



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



#11

Fluorene

Concen: 25.53 ng/ul

RT: 16.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BM002520.D

Acq: 21 Aug 2015 14:35

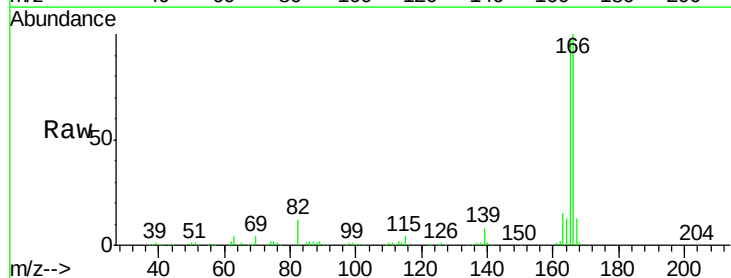
Tgt Ion:166 Resp: 461864

Ion Ratio Lower Upper

166 100

165 96.7 77.6 116.4

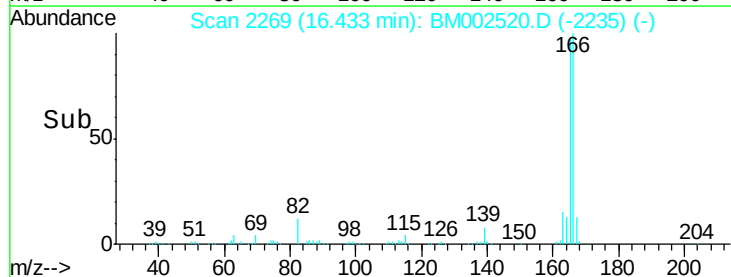
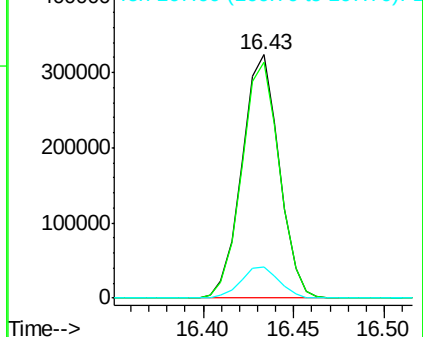
167 13.0 10.7 16.1

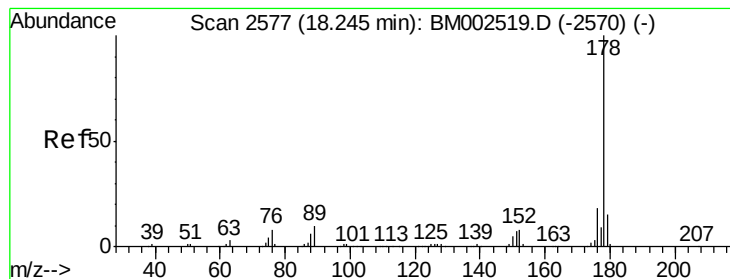


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#15

Anthracene

Concen: 10.49 ng/ul

RT: 18.24 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BM002520.D

Acq: 21 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9DT1

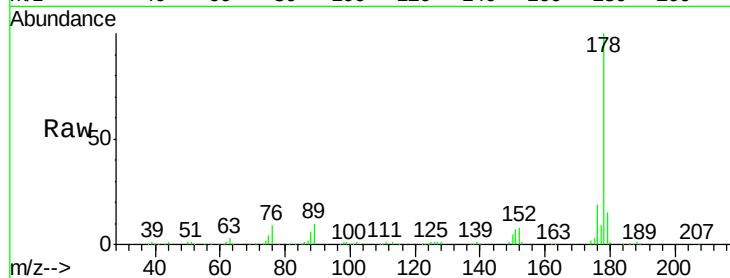
Tgt Ion:178 Resp: 306092

Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

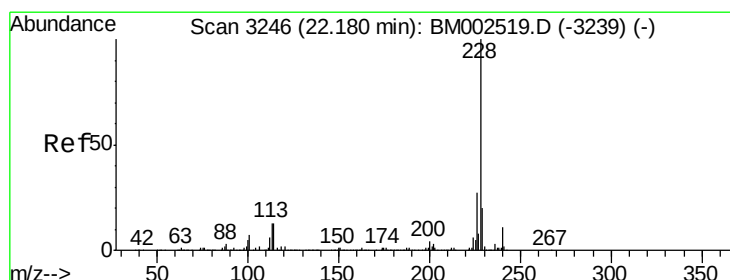
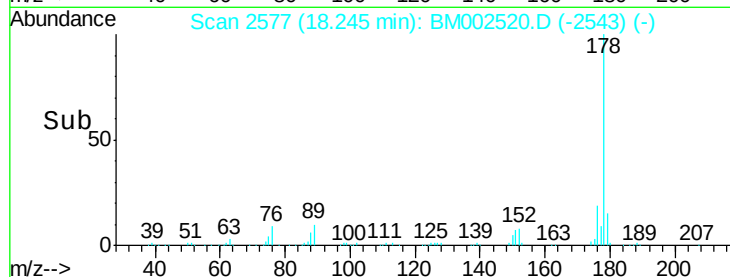
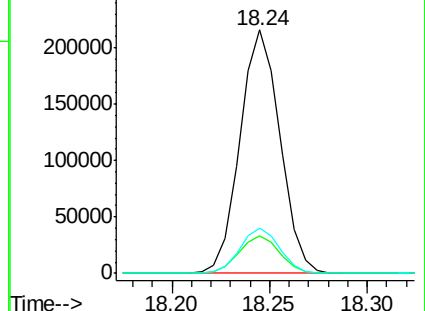
176 18.5 14.5 21.7



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



#20

Benzo(a)anthracene

Concen: 19.25 ng/ul

RT: 22.18 min Scan# 3246

Delta R.T. 0.00 min

Lab File: BM002520.D

Acq: 21 Aug 2015 14:35

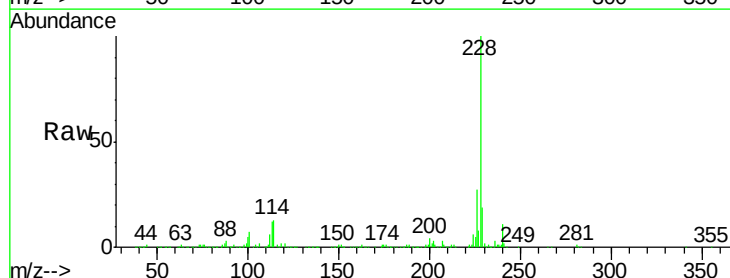
Tgt Ion:228 Resp: 629965

Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.6

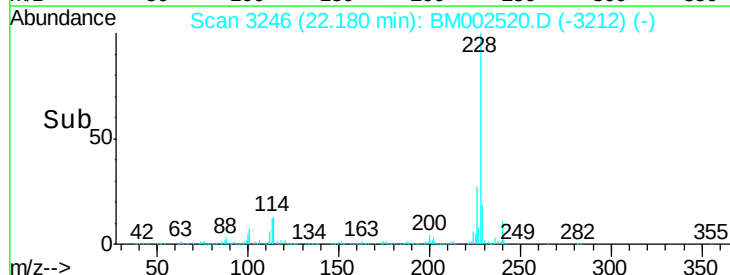
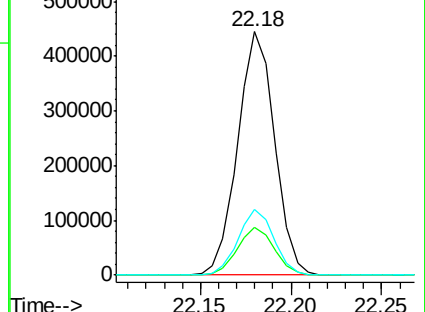
226 26.7 21.1 31.7

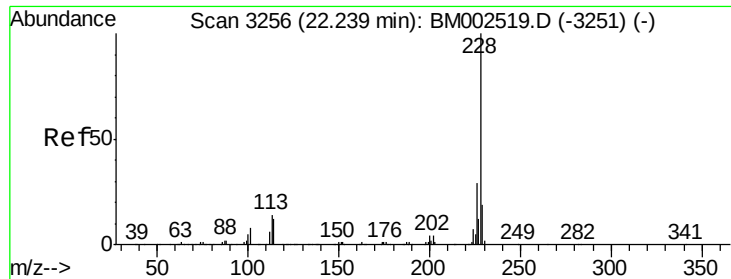


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 20.58 ng/ul

RT: 22.18 min Scan# 3246

Delta R.T. -0.06 min

Lab File: BM002520.D

Acq: 21 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9DT1

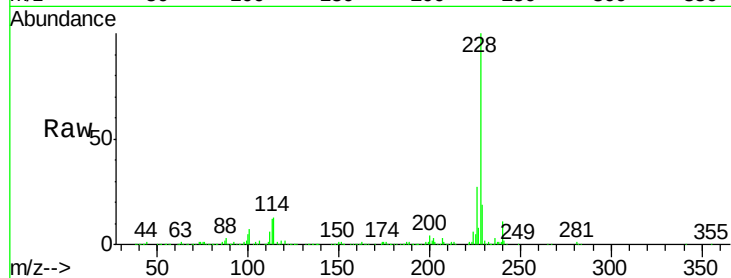
Tgt Ion: 228 Resp: 629965

Ion Ratio Lower Upper

228 100

226 26.7 23.4 35.2

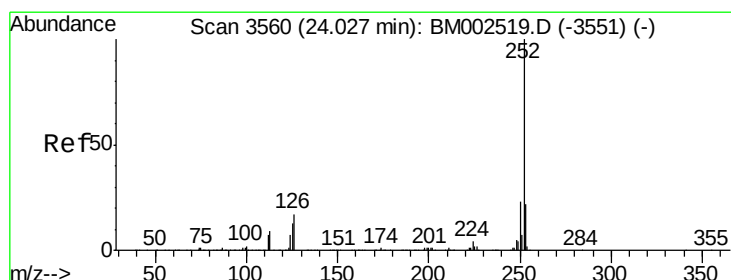
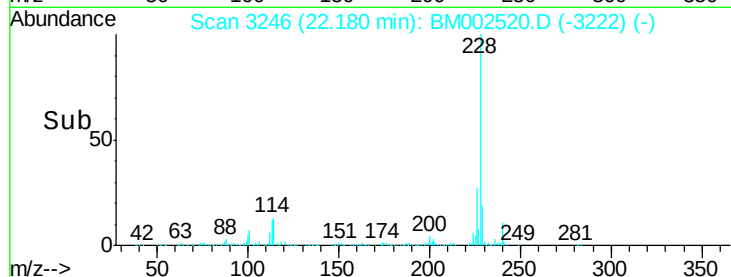
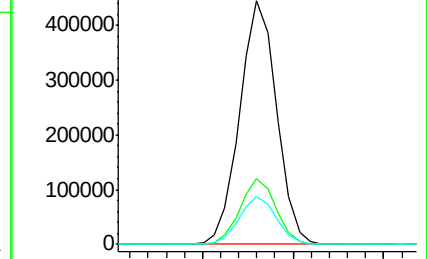
229 19.4 15.7 23.5



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: 21.66 ng/ul

RT: 24.03 min Scan# 3560

Delta R.T. 0.00 min

Lab File: BM002520.D

Acq: 21 Aug 2015 14:35

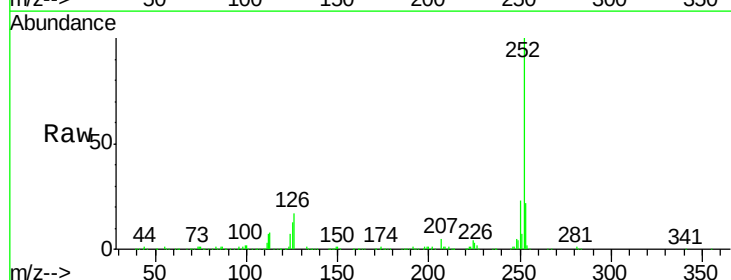
Tgt Ion: 252 Resp: 737787

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

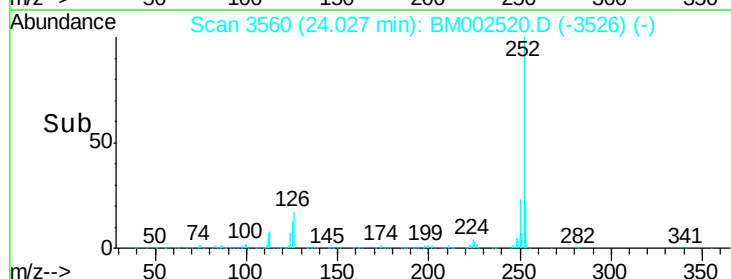
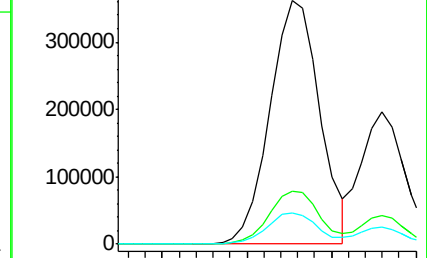
125 12.9 10.0 15.0

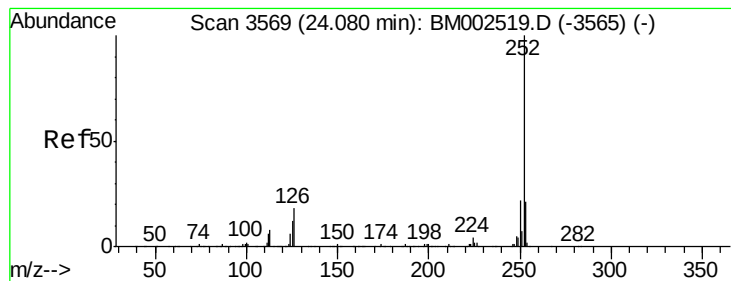


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24
 Benzo(k)fluoranthene
 Concen: 10.95 ng/ul
 RT: 24.08 min Scan# 3569
 Delta R.T. 0.00 min
 Lab File: BM002520.D
 Acq: 21 Aug 2015 14:35

Instrument :
 BNA_M
 ClientSampleId :
 D9DT1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.5	9.8	14.8

