

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083115\
 Data File : BM002619.D
 Acq On : 01 Sep 2015 09:23
 Operator : UM/IZ
 Sample : G3456-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E97

Quant Time: Sep 01 11:06:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 07:11:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	111988	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	645963	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	314271	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	549623	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	423470	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	433063	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	679634	21.15	ng/ul	0.00
10) Fluorene-d10	16.34	176	380966	16.88	ng/ul	0.00
14) Anthracene-d10	18.17	188	514611	19.41	ng/ul	0.00
18) Pyrene-d10	20.40	212	359722	19.16	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	310403	13.64	ng/ul	0.00

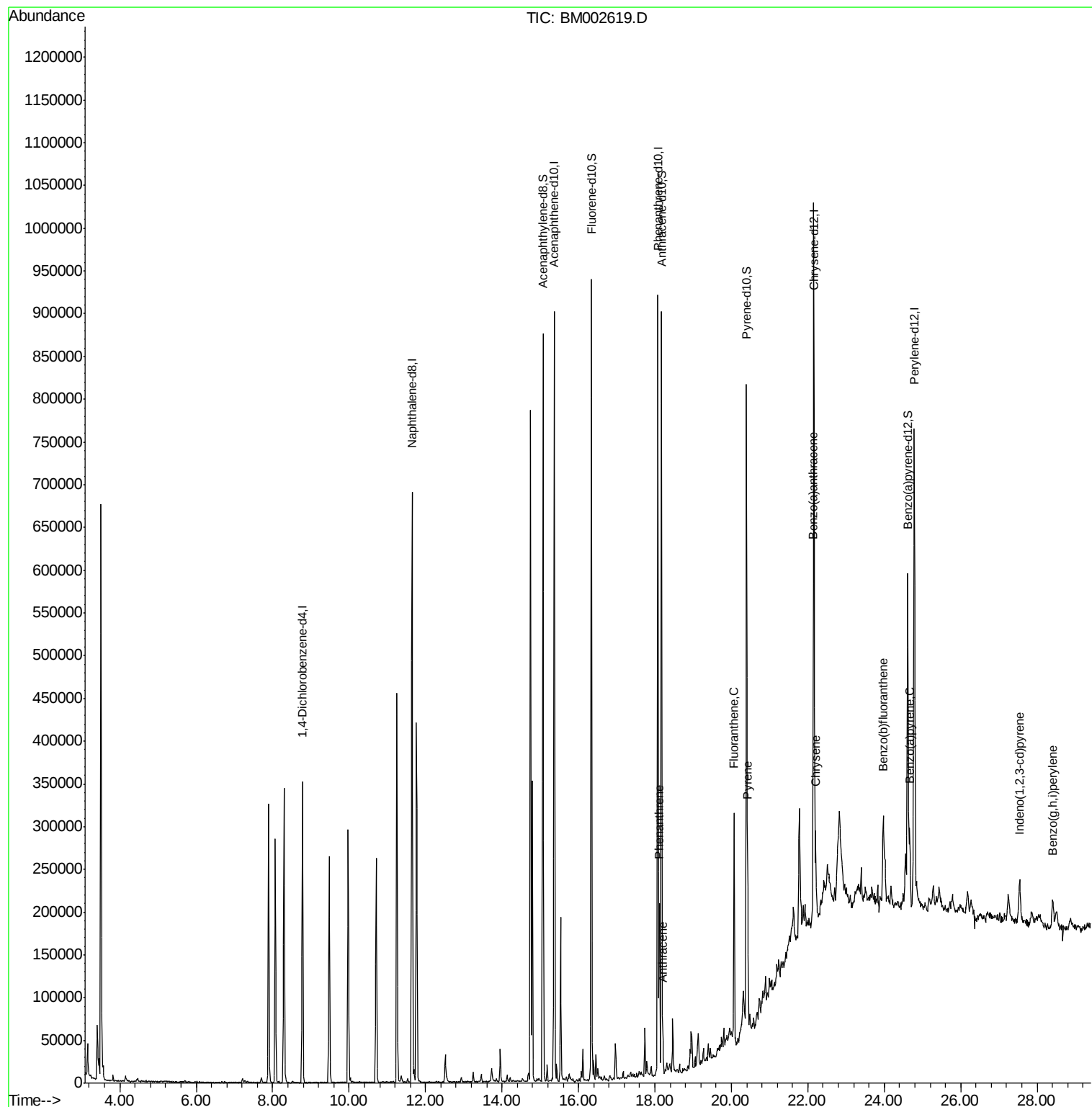
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	127728	4.02	ng/ul	98
15) Anthracene	18.21	178	33063	1.03	ng/ul	97
16) Fluoranthene	20.07	202	158122	4.40	ng/ul	97
19) Pyrene	20.43	202	114542	4.62	ng/ul	99
20) Benzo(a)anthracene	22.14	228	65081	2.57	ng/ul	96
21) Chrysene	22.20	228	61060	2.58	ng/ul	95
23) Benzo(b)fluoranthene	23.97	252	89835	3.43	ng/ul#	93
26) Benzo(a)pyrene	24.67	252	59954	2.40	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.54	276	42741	1.49	ng/ul	97
29) Benzo(g,h,i)perylene	28.40	276	42927	1.79	ng/ul	97

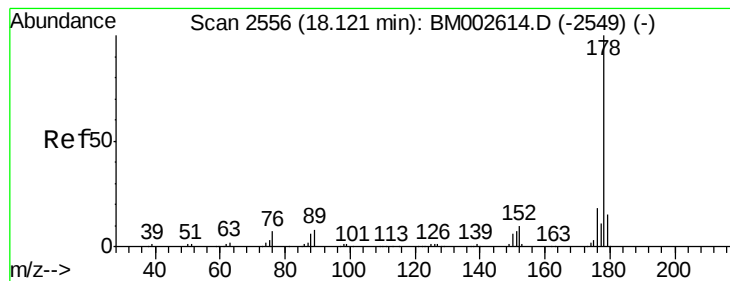
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 4.02 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

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BNA_M

ClientSampleId :

D9E97

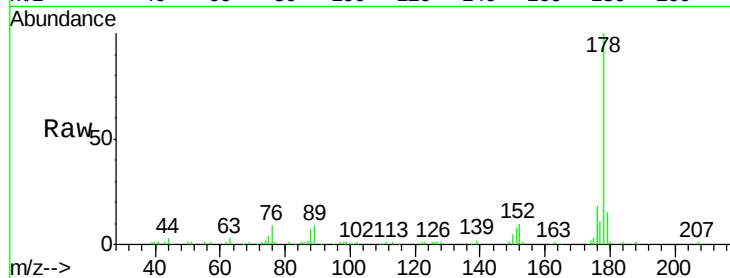
Tgt Ion:178 Resp: 127728

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

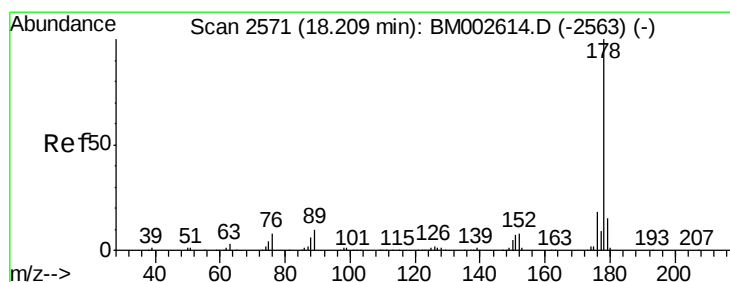
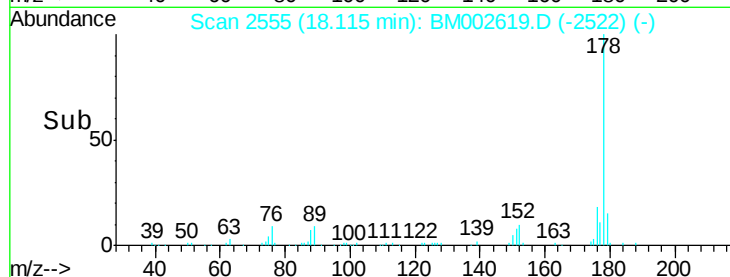
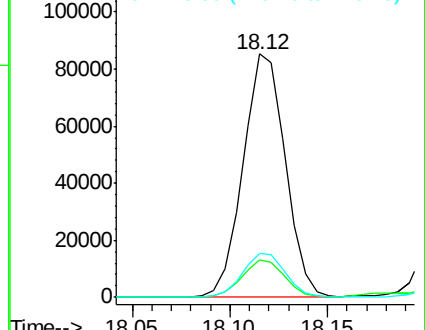
176 17.8 15.1 22.7



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



#15

Anthracene

Concen: 1.03 ng/ul

RT: 18.21 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

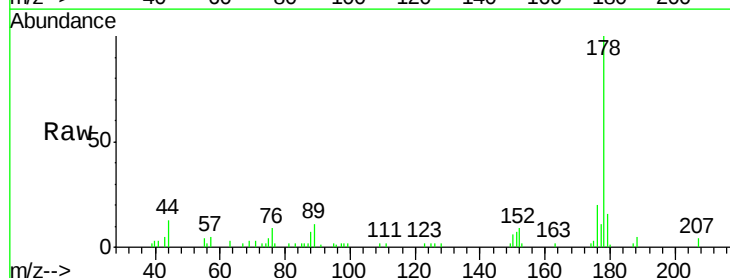
Tgt Ion:178 Resp: 33063

Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

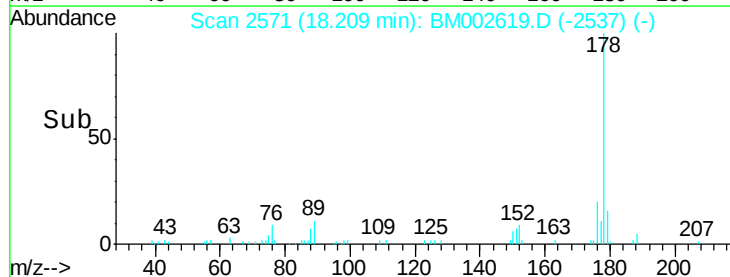
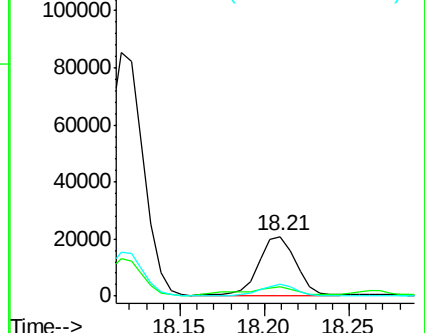
176 20.4 14.5 21.7

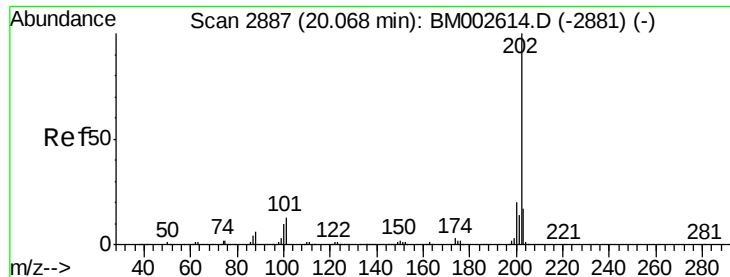


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 4.40 ng/ul

RT: 20.07 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

Instrument :

BNA_M

ClientSampleId :

D9E97

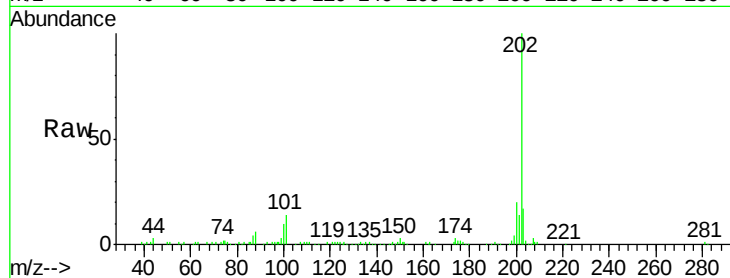
Tgt Ion:202 Resp: 158122

Ion Ratio Lower Upper

202 100

101 13.7 9.7 14.5

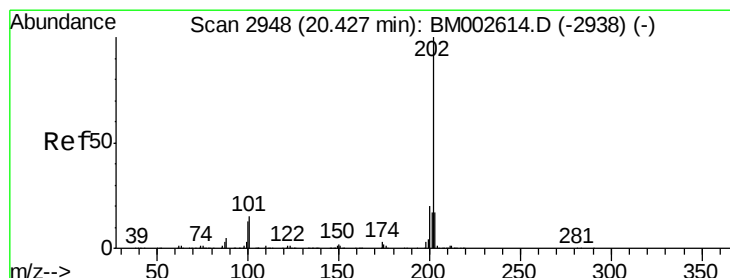
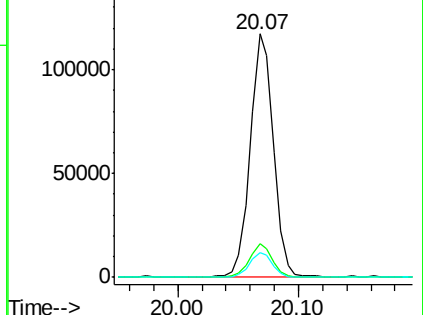
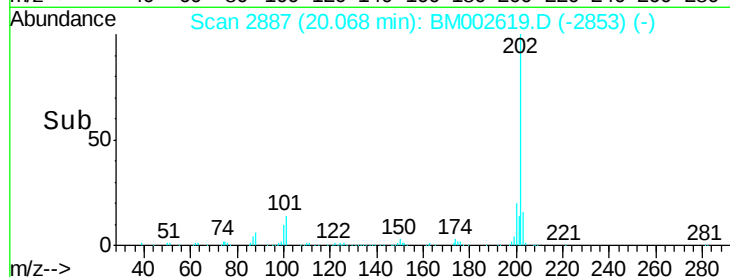
100 10.2 7.4 11.2



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: 4.62 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

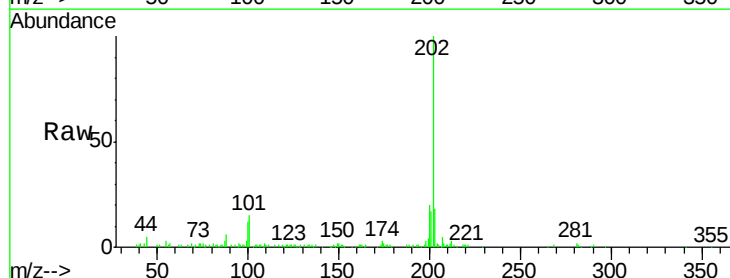
Tgt Ion:202 Resp: 114542

Ion Ratio Lower Upper

202 100

101 14.9 12.0 18.0

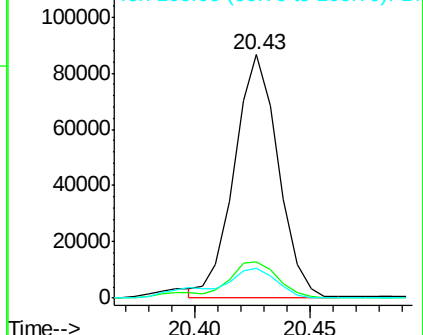
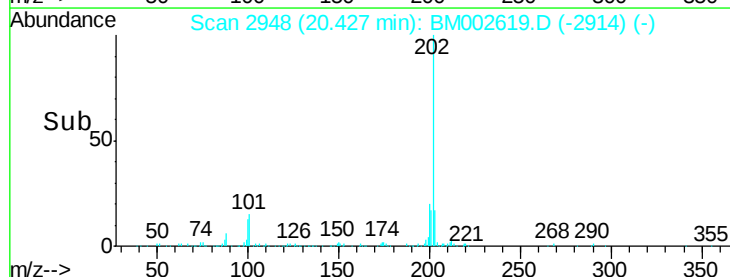
100 12.5 9.7 14.5

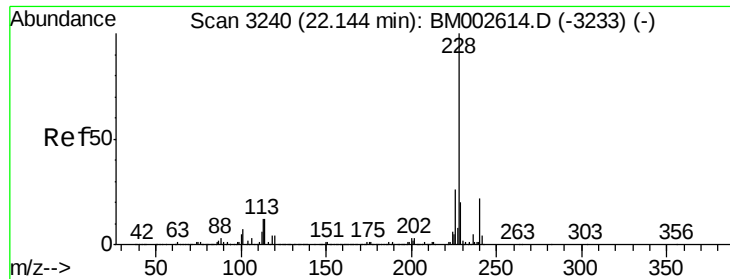


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 2.57 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

Instrument :

BNA_M

ClientSampleId :

D9E97

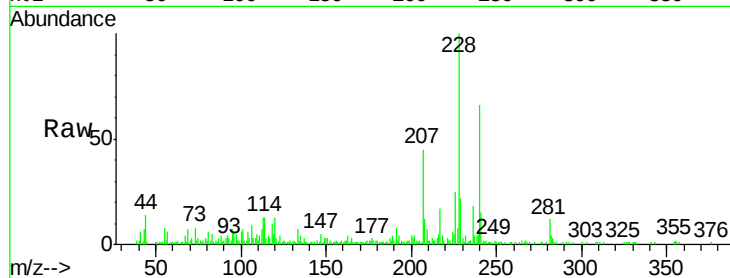
Tgt Ion:228 Resp: 65081

Ion Ratio Lower Upper

228 100

229 22.3 15.8 23.6

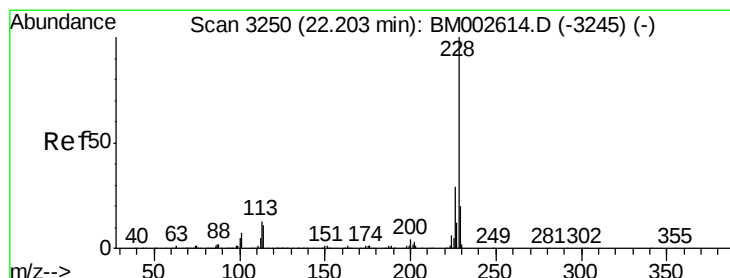
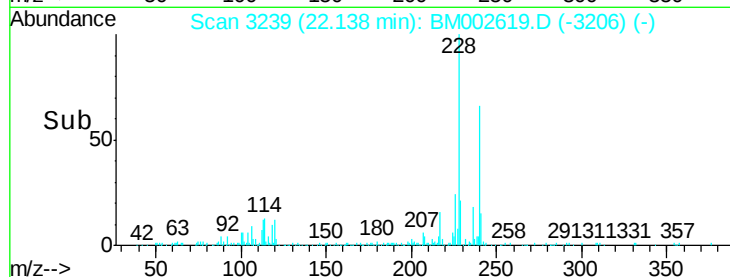
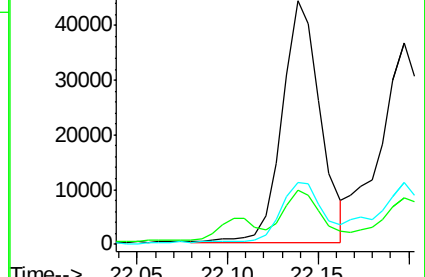
226 25.4 21.1 31.7



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: 2.58 ng/ul

RT: 22.20 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

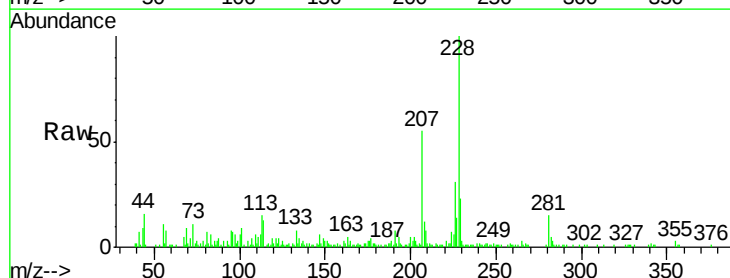
Tgt Ion:228 Resp: 61060

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

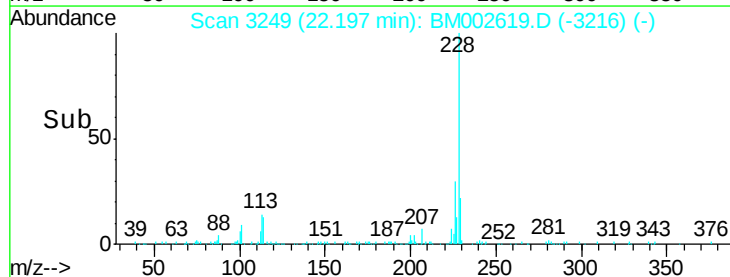
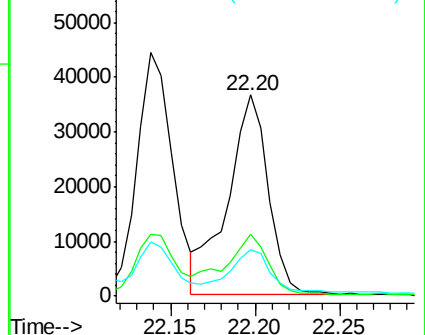
229 23.3 15.7 23.5

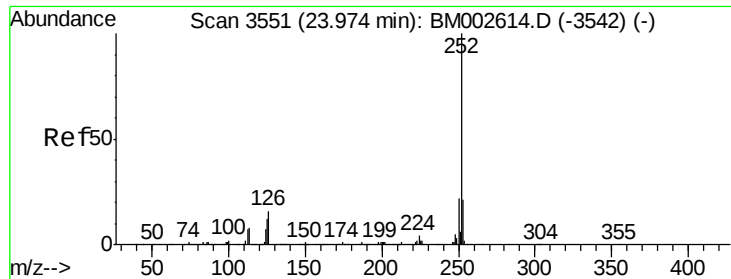


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 3.43 ng/ul

RT: 23.97 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

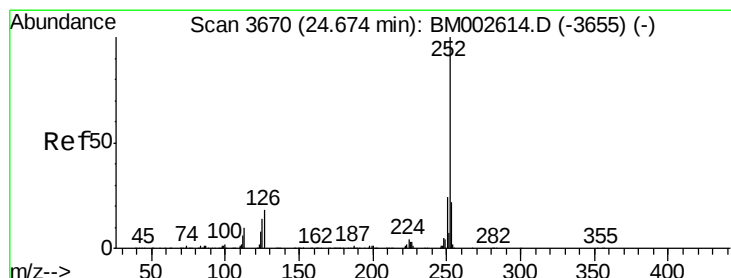
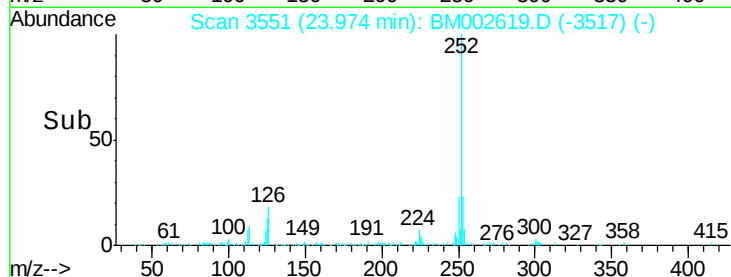
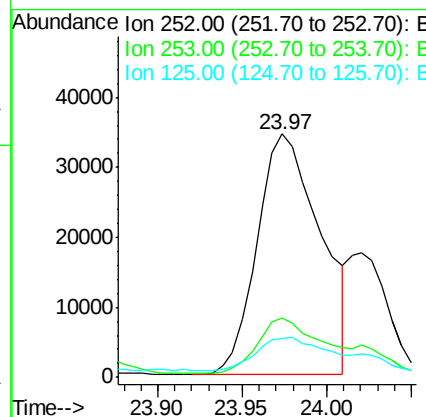
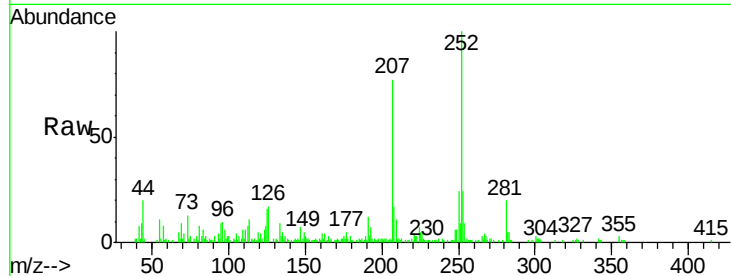
Instrument :

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Tgt Ion:	252	Resp:	89835
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	15.9	10.0	15.0#



#26

Benzo(a)pyrene

Concen: 2.40 ng/ul

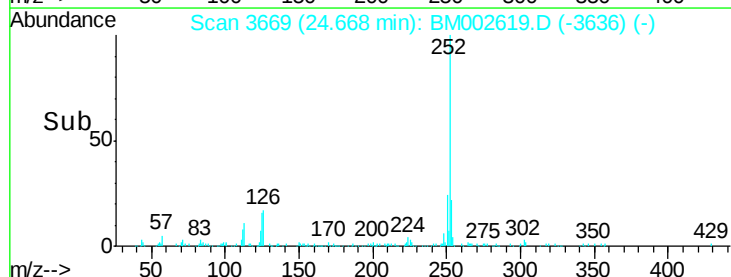
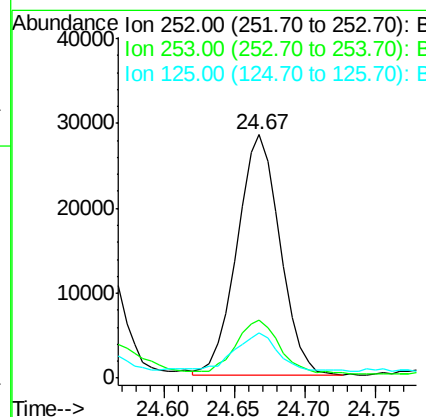
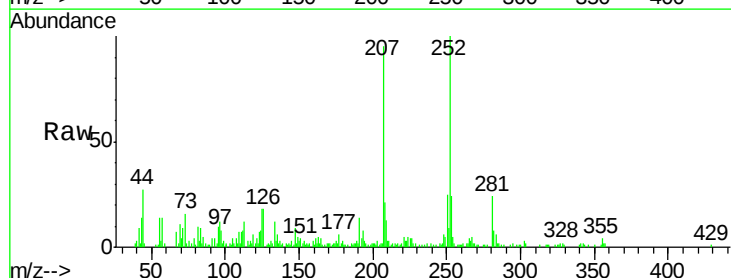
RT: 24.67 min Scan# 3669

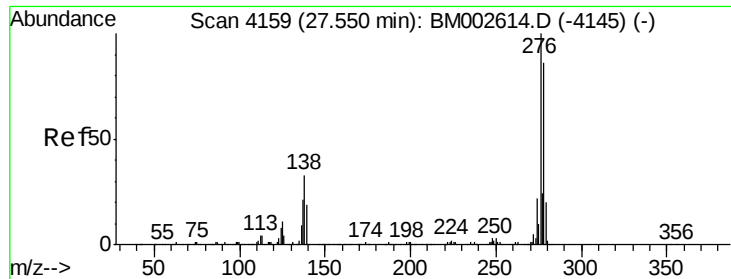
Delta R.T. -0.01 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

Tgt Ion:	252	Resp:	59954
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	18.5	10.7	16.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.49 ng/ul

RT: 27.54 min Scan# 4158

Delta R.T. -0.01 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

Instrument :

BNA_M

ClientSampleId :

D9E97

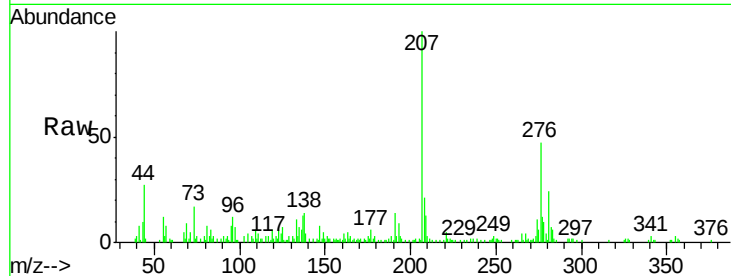
Tgt Ion:276 Resp: 42741

Ion Ratio Lower Upper

276 100

138 28.8 25.3 37.9

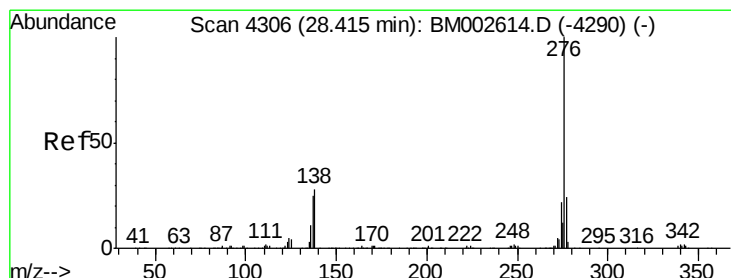
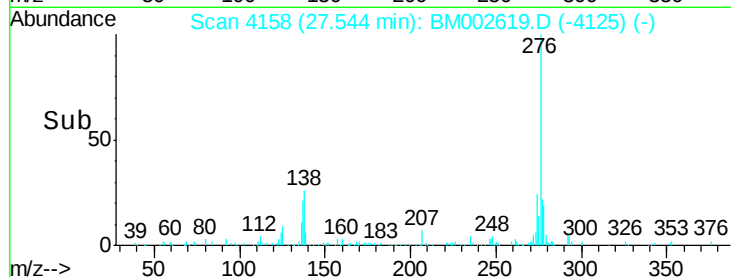
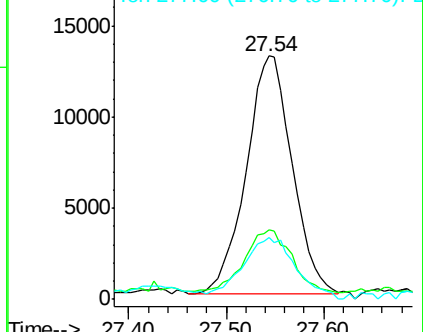
277 25.3 20.2 30.2



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



#29

Benzo(g,h,i)perylene

Concen: 1.79 ng/ul

RT: 28.40 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

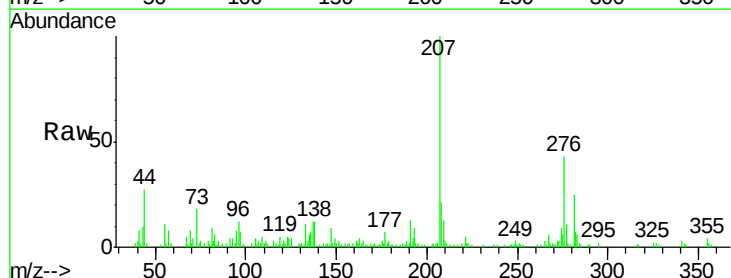
Tgt Ion:276 Resp: 42927

Ion Ratio Lower Upper

276 100

138 28.2 21.0 31.6

277 25.3 19.2 28.8



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

