

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
 Data File : BM002583.D
 Acq On : 30 Aug 2015 02:23
 Operator : UM/IZ
 Sample : G3455-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E84

Quant Time: Aug 31 01:37:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:34:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	177361	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	781356	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	372892	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	632679	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	494113	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	510582	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	498603	13.08	ng/ul	0.00
10) Fluorene-d10	16.34	176	297792	11.12	ng/ul	0.00
14) Anthracene-d10	18.18	188	350777	11.49	ng/ul	0.00
18) Pyrene-d10	20.40	212	231363	10.56	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	184548	6.88	ng/ul	0.01

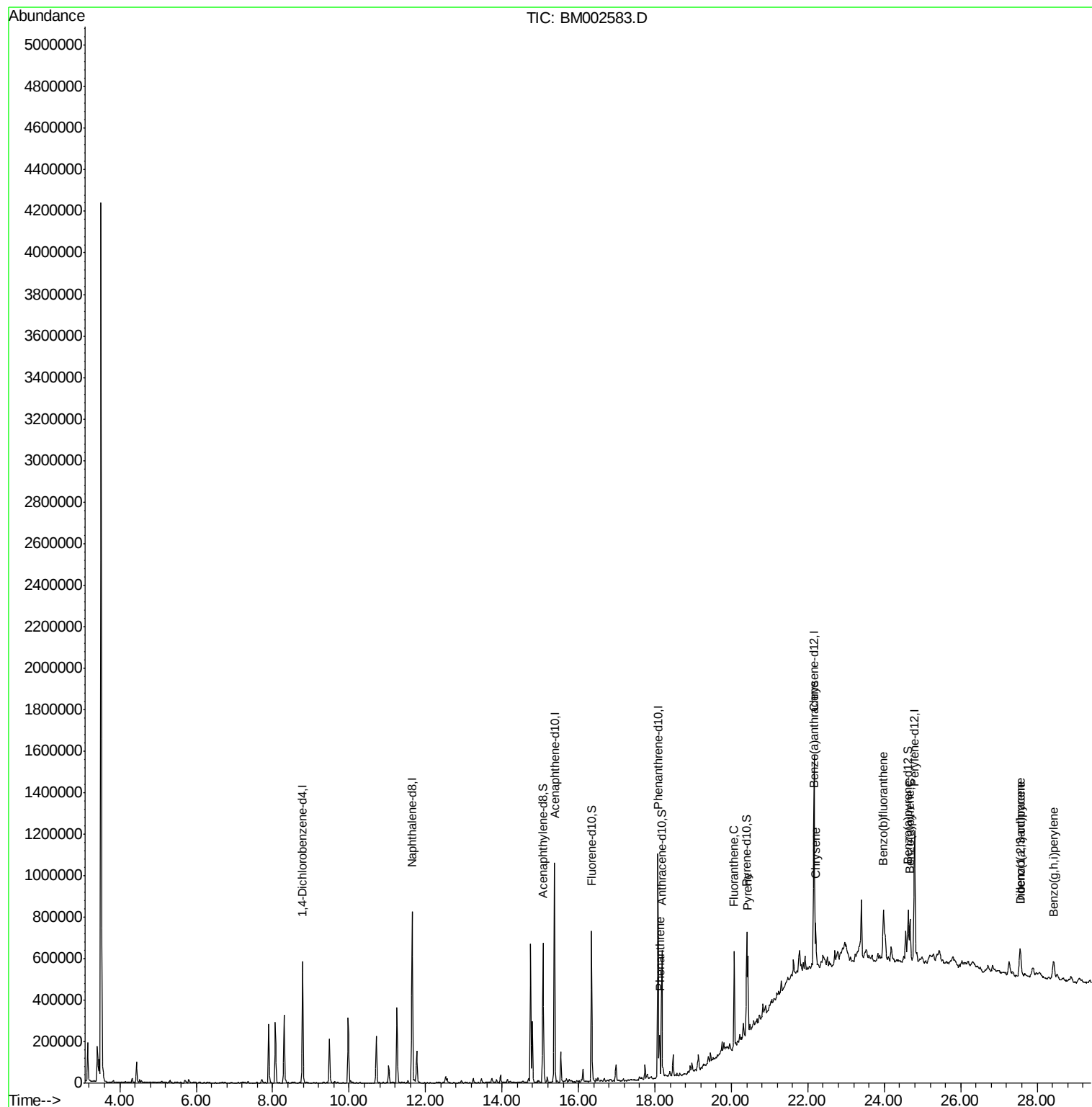
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	124499	3.41	ng/ul	99
16) Fluoranthene	20.07	202	276198	6.68	ng/ul	98
19) Pyrene	20.43	202	221325	7.65	ng/ul	99
20) Benzo(a)anthracene	22.14	228	109614	3.71	ng/ul	96
21) Chrysene	22.20	228	129596	4.69	ng/ul	97
23) Benzo(b)fluoranthene	23.98	252	207232	6.71	ng/ul#	93
26) Benzo(a)pyrene	24.67	252	128608	4.36	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.56	276	137051	4.04	ng/ul	95
28) Dibenzo(a,h)anthracene	27.55	278	34191	1.21	ng/ul#	72
29) Benzo(g,h,i)perylene	28.43	276	125508	4.45	ng/ul#	92

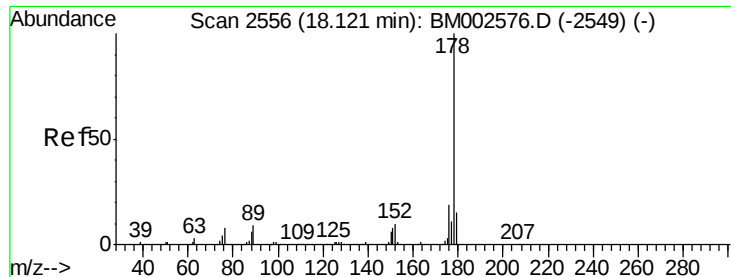
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 3.41 ng/ul

RT: 18.12 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

Instrument :

BNA_M

ClientSampleId :

D9E84

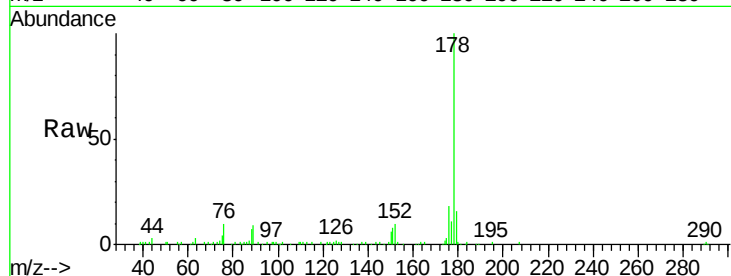
Tgt Ion:178 Resp: 124499

Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

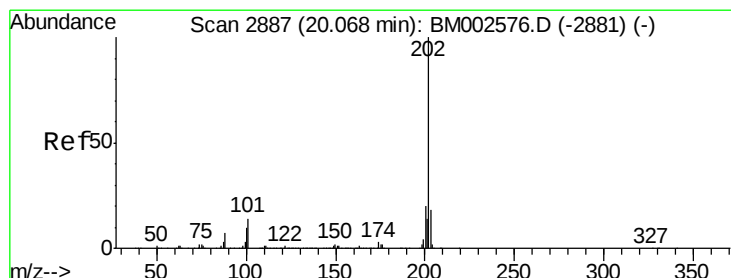
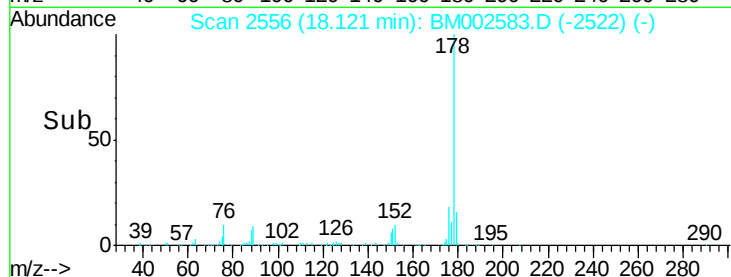
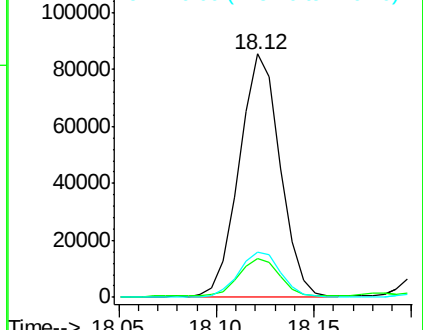
176 18.3 15.1 22.7



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: 6.68 ng/ul

RT: 20.07 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

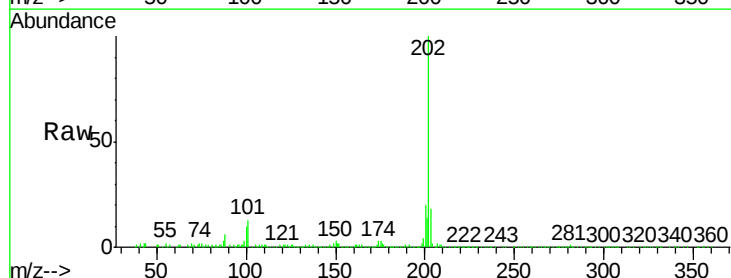
Tgt Ion:202 Resp: 276198

Ion Ratio Lower Upper

202 100

101 12.7 9.7 14.5

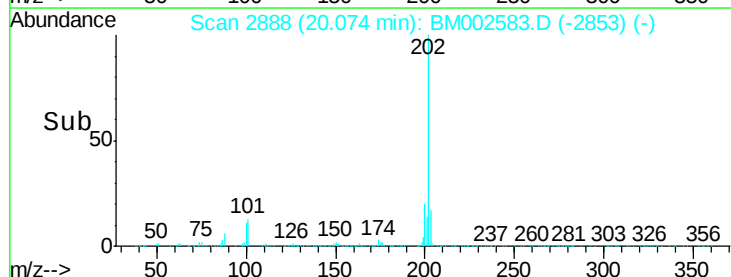
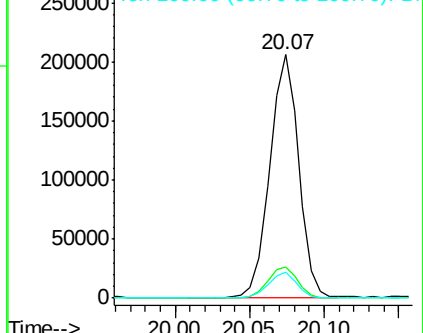
100 10.5 7.4 11.2

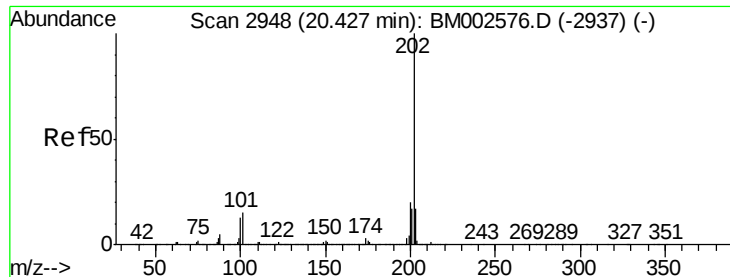


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 7.65 ng/ul

RT: 20.43 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

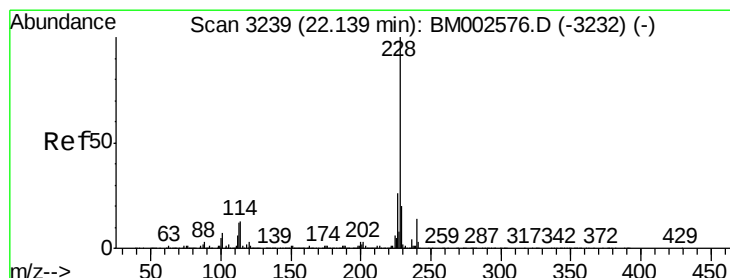
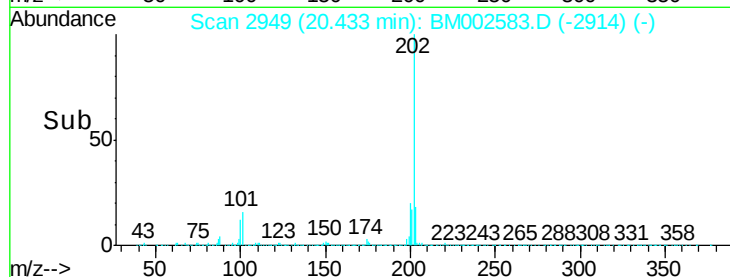
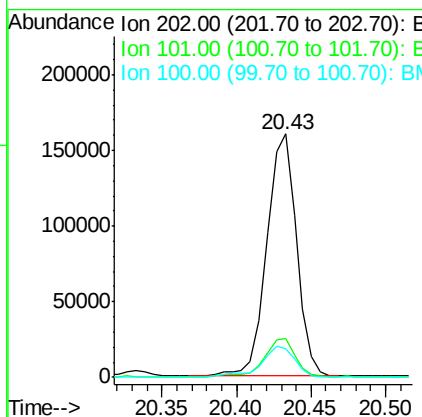
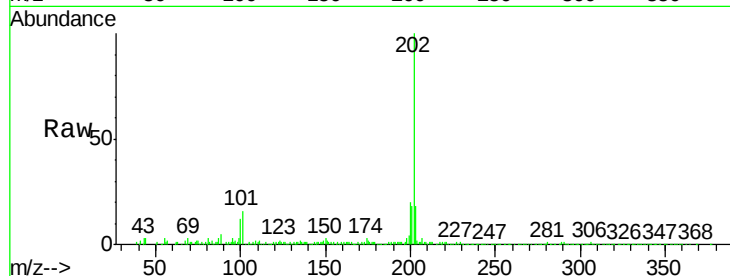
Instrument :

BNA_M

ClientSampleId :

D9E84

Tgt Ion:	202	Resp:	221325
Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.0	18.0
100	12.0	9.7	14.5



#20

Benzo(a)anthracene

Concen: 3.71 ng/ul

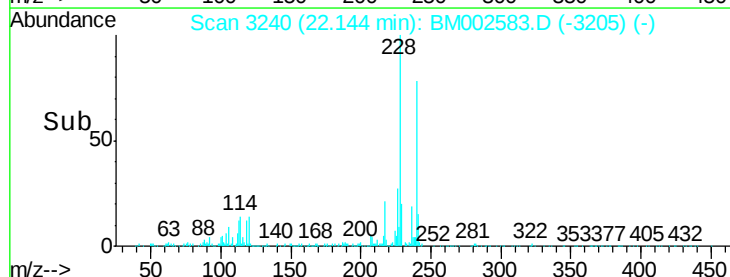
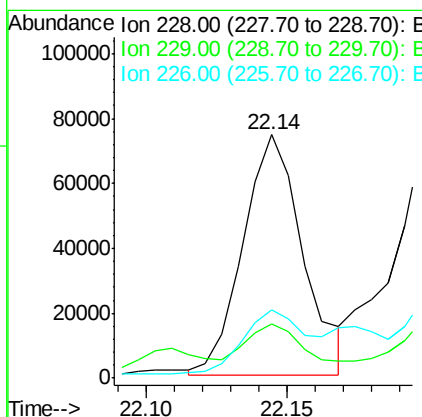
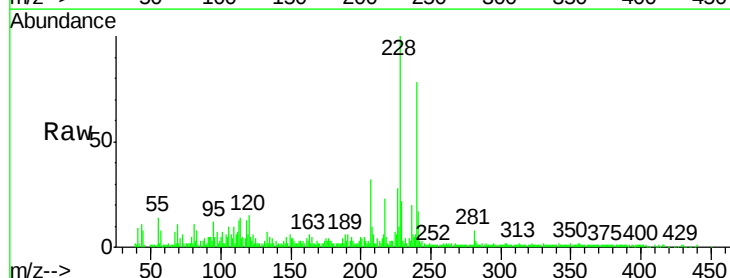
RT: 22.14 min Scan# 3240

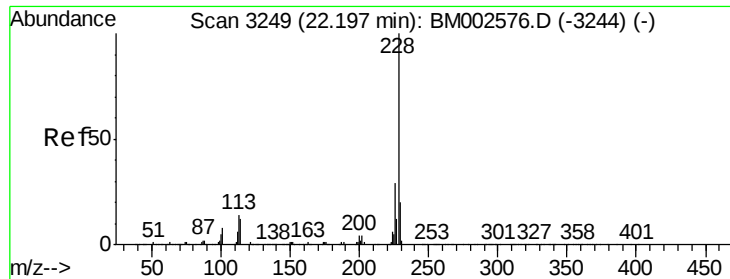
Delta R.T. 0.01 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

Tgt Ion:	228	Resp:	109614
Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.6
226	28.1	21.1	31.7





#21

Chrysene

Concen: 4.69 ng/ul

RT: 22.20 min Scan# 3250

Delta R.T. 0.01 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

Instrument :

BNA_M

ClientSampleId :

D9E84

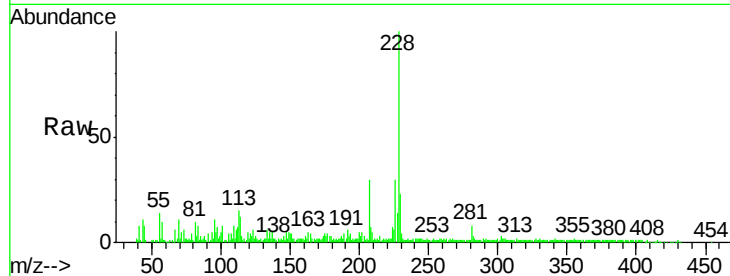
Tgt Ion:228 Resp: 129596

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

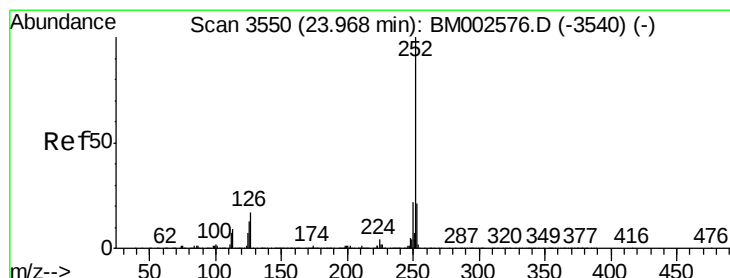
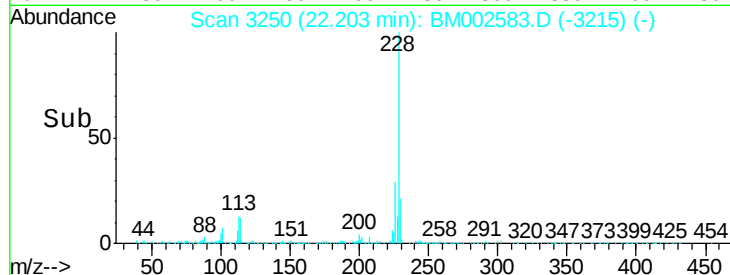
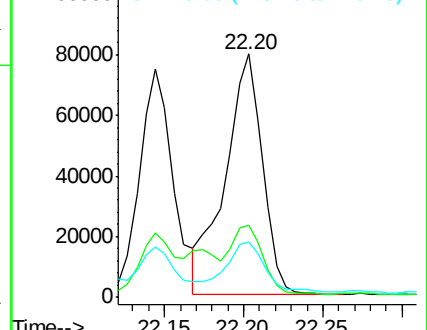
229 22.6 15.7 23.5



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: 6.71 ng/ul

RT: 23.98 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

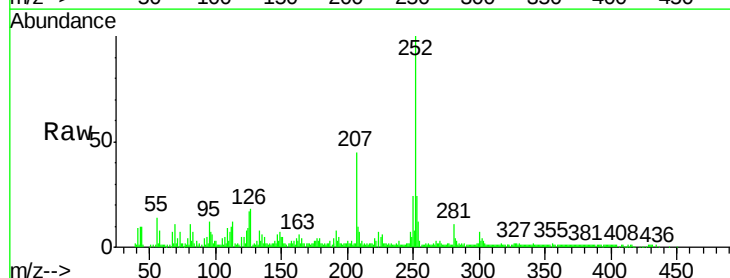
Tgt Ion:252 Resp: 207232

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

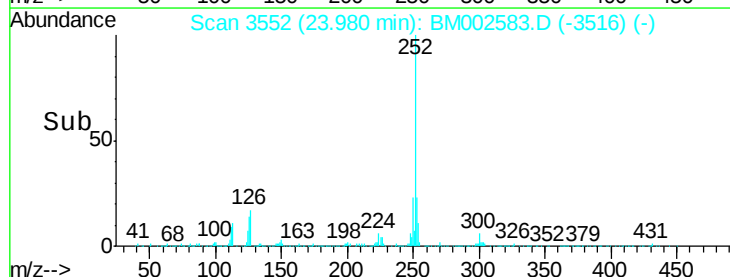
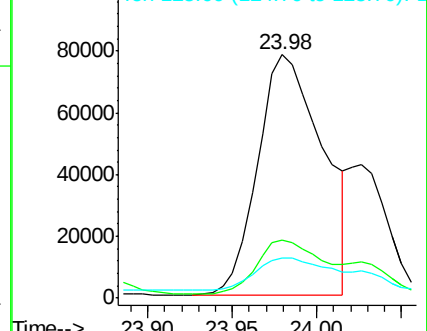
125 16.6 10.0 15.0#

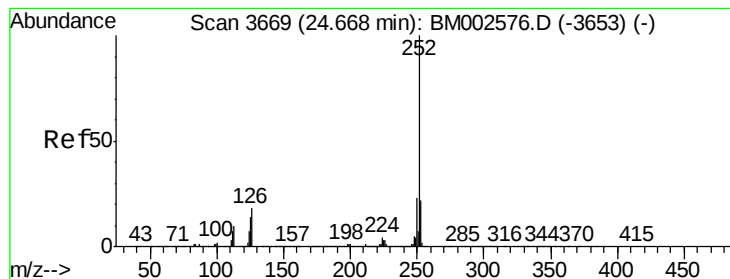


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.36 ng/ul

RT: 24.67 min Scan# 3670

Delta R.T. 0.01 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

Instrument :

BNA_M

ClientSampleId :

D9E84

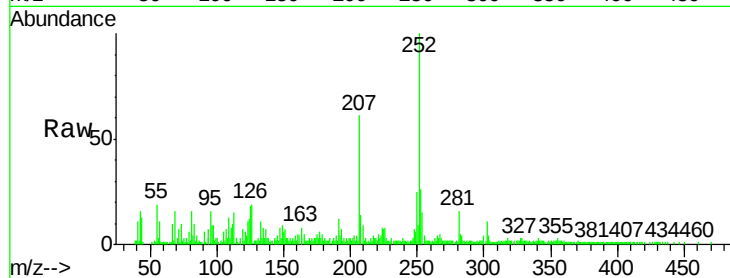
Tgt Ion:252 Resp: 128608

Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

125 18.3 10.7 16.1#

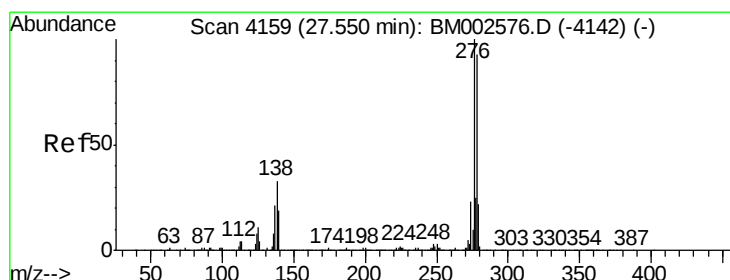
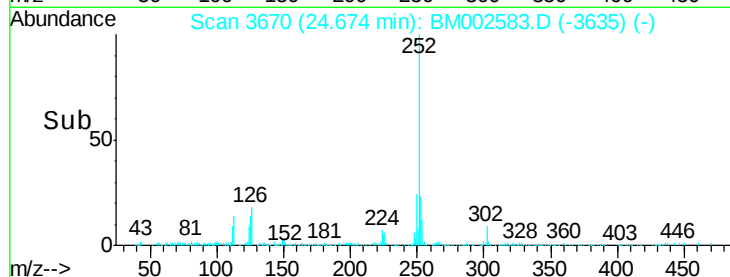
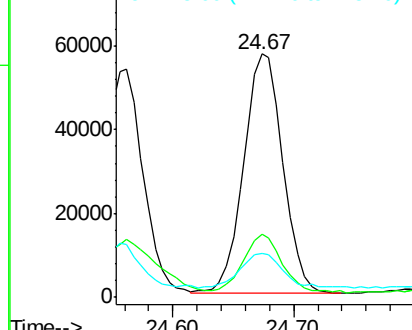


Abundance

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



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.04 ng/ul

RT: 27.56 min Scan# 4160

Delta R.T. 0.01 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

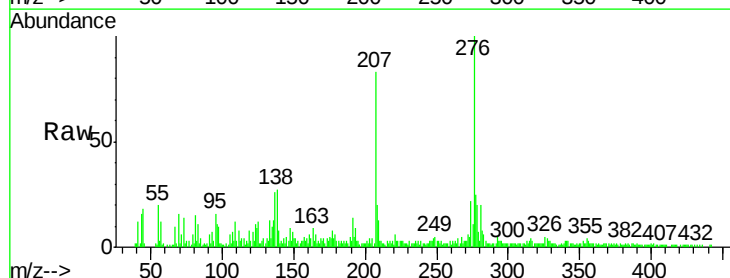
Tgt Ion:276 Resp: 137051

Ion Ratio Lower Upper

276 100

138 27.1 25.3 37.9

277 24.9 20.2 30.2

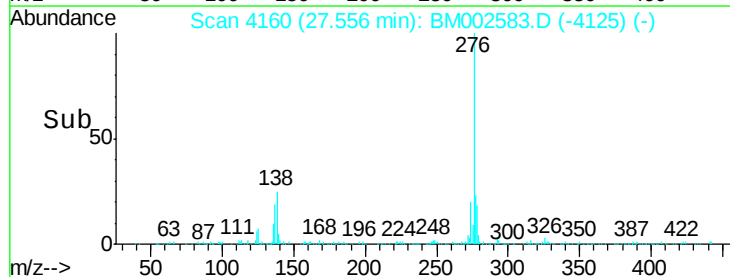
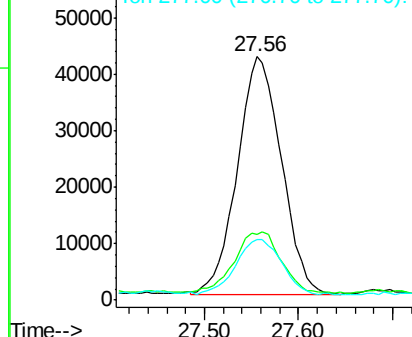


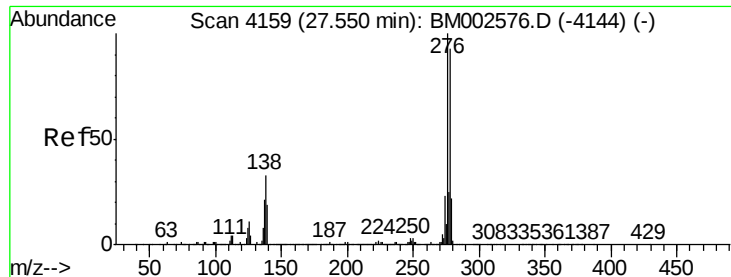
Abundance

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





#28

Dibenzo(a,h)anthracene

Concen: 1.21 ng/ul

RT: 27.55 min Scan# 4159

Delta R.T. -0.00 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

Instrument :

BNA_M

ClientSampled :

D9E84

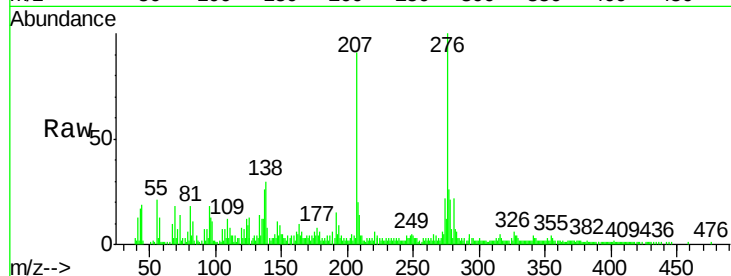
Tgt Ion: 278 Resp: 34191

Ion Ratio Lower Upper

278 100

139 38.2 16.5 24.7#

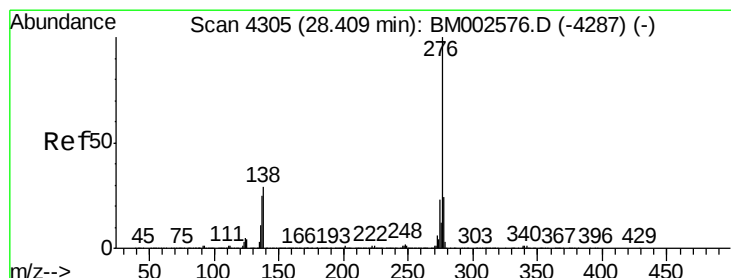
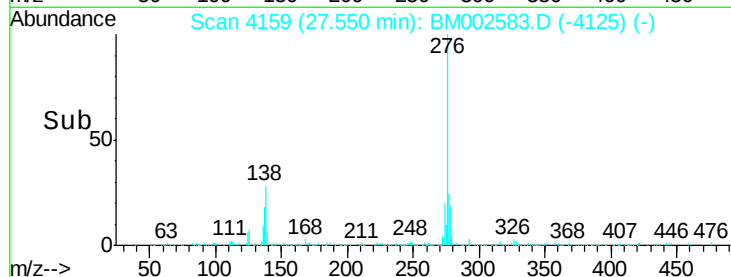
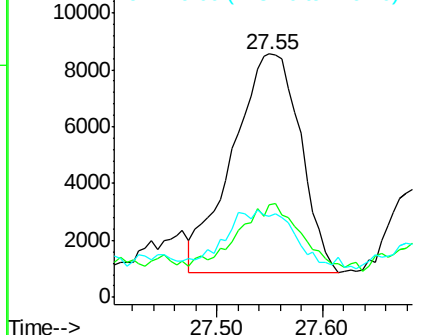
279 33.3 18.8 28.2#



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



#29

Benzo(g,h,i)perylene

Concen: 4.45 ng/ul

RT: 28.43 min Scan# 4308

Delta R.T. 0.02 min

Lab File: BM002583.D

Acq: 30 Aug 2015 02:23

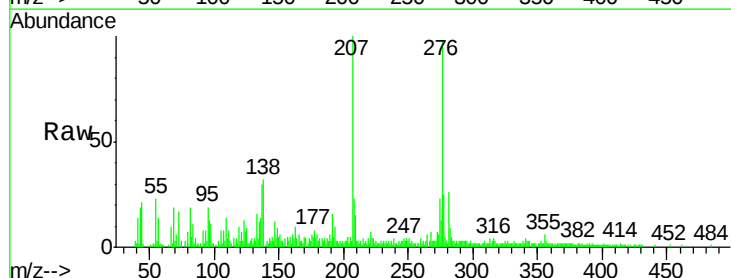
Tgt Ion: 276 Resp: 125508

Ion Ratio Lower Upper

276 100

138 32.7 21.0 31.6#

277 25.4 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

