

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002375.D
 Acq On : 12 Aug 2015 23:47
 Operator : UM/IZ
 Sample : G3163-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D05

Quant Time: Aug 13 00:48:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 00:45:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	210376	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1016666	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	524950	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	957941	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	679586	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	664052	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1102950	20.28	ng/ul	0.00
10) Fluorene-d10	16.46	176	691766	18.29	ng/ul	0.00
14) Anthracene-d10	18.30	188	905299	19.48	ng/ul	0.00
18) Pyrene-d10	20.52	212	709871	21.54	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	551243	15.63	ng/ul	0.00

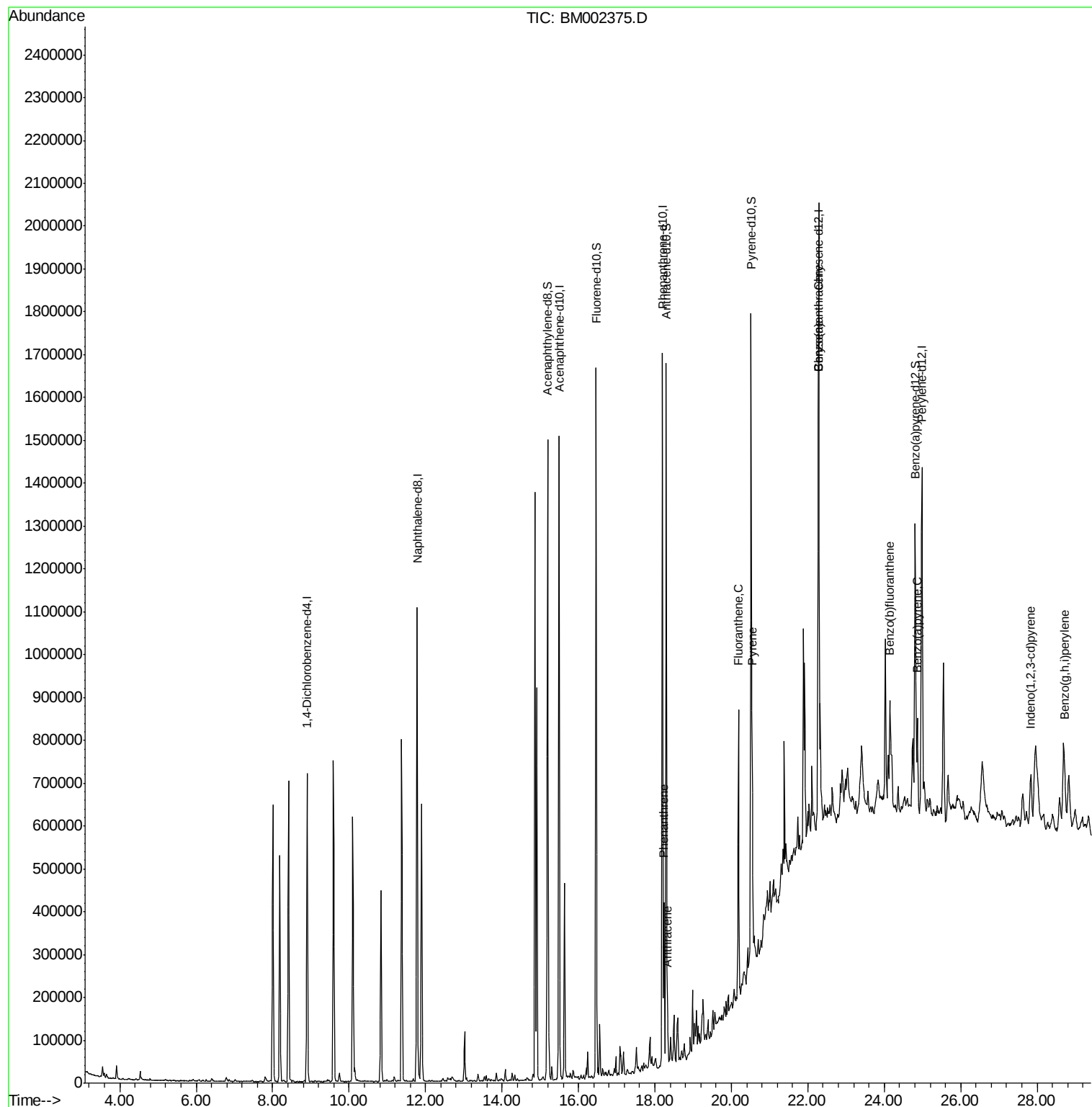
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.24	178	222184	4.03	ng/ul	99
15) Anthracene	18.33	178	64118	1.13	ng/ul	97
16) Fluoranthene	20.19	202	413013	6.77	ng/ul	98
19) Pyrene	20.54	202	315287	7.18	ng/ul	97
20) Benzo(a)anthracene	22.27	228	184916	4.46	ng/ul	97
21) Chrysene	22.27	228	183987	4.68	ng/ul	96
23) Benzo(b)fluoranthene	24.15	252	256779	6.22	ng/ul#	96
26) Benzo(a)pyrene	24.87	252	163084	4.13	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.84	276	122929	2.72	ng/ul	97
29) Benzo(g,h,i)perylene	28.73	276	111257	2.91	ng/ul	95

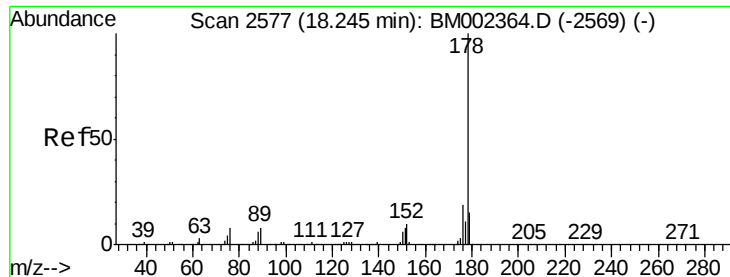
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 4.03 ng/ul

RT: 18.24 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

Instrument :

BNA_M

ClientSampleId :

D9D05

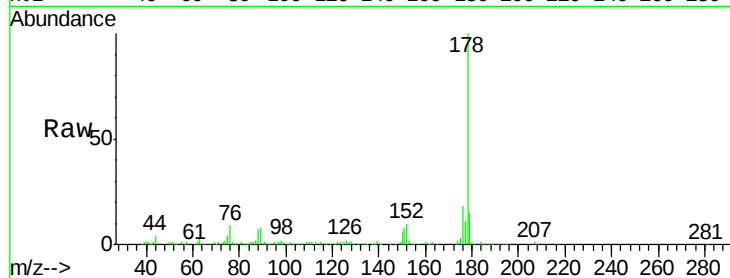
Tgt Ion:178 Resp: 222184

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

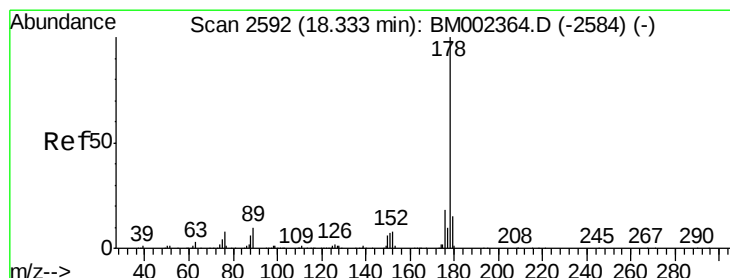
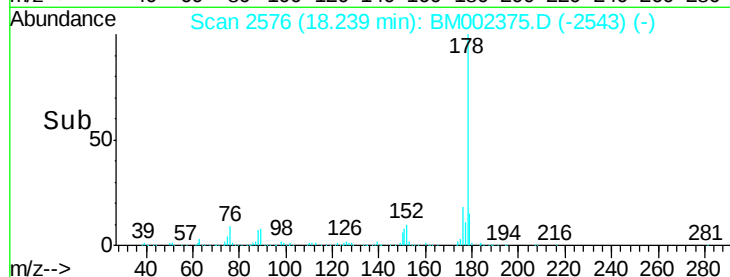
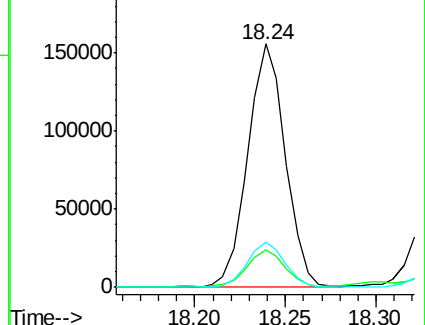
176 18.4 15.3 22.9



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: 1.13 ng/ul

RT: 18.33 min Scan# 2591

Delta R.T. -0.01 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

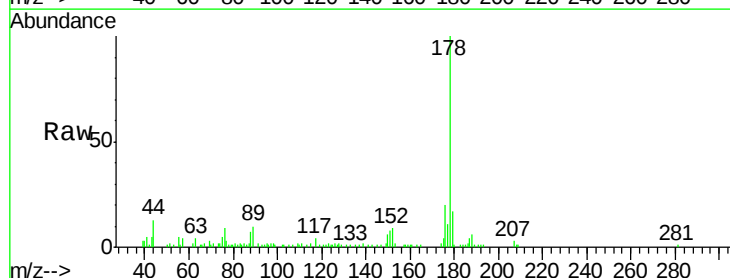
Tgt Ion:178 Resp: 64118

Ion Ratio Lower Upper

178 100

179 16.5 12.3 18.5

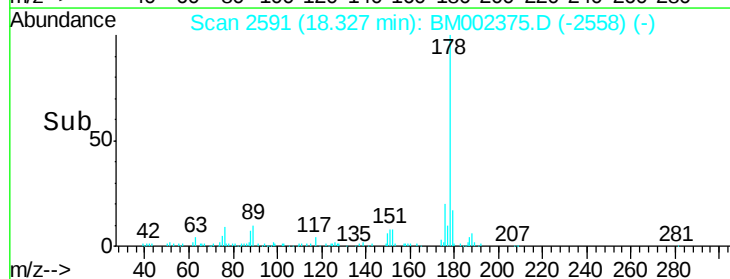
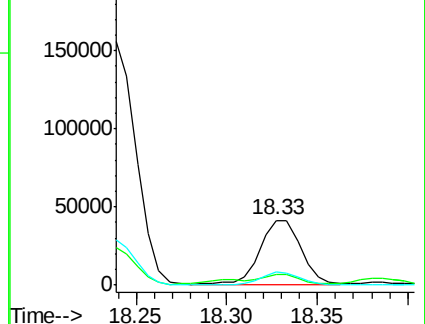
176 19.6 14.5 21.7

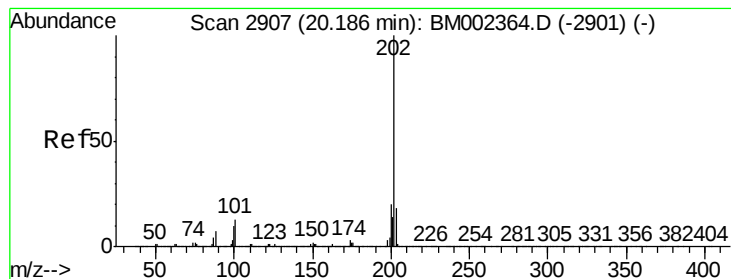


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 6.77 ng/ul

RT: 20.19 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

Instrument :

BNA_M

ClientSampleId :

D9D05

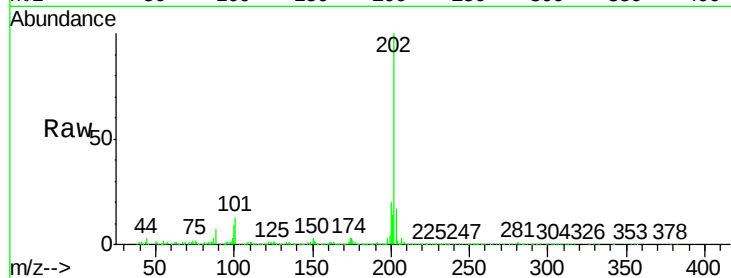
Tgt Ion:202 Resp: 413013

Ion Ratio Lower Upper

202 100

101 12.7 10.6 15.8

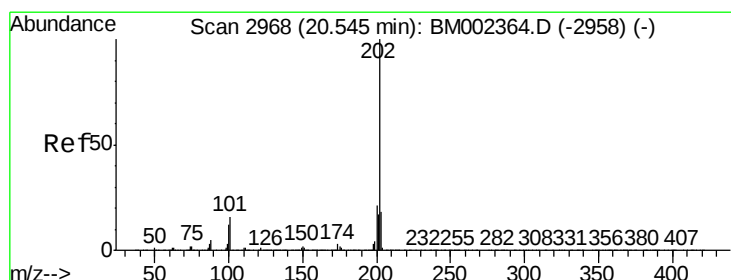
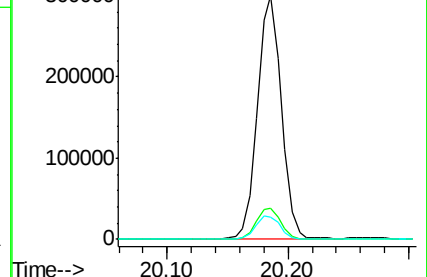
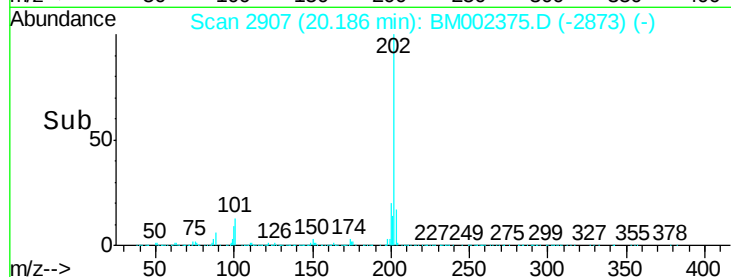
100 9.3 8.2 12.4



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: 7.18 ng/ul

RT: 20.54 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

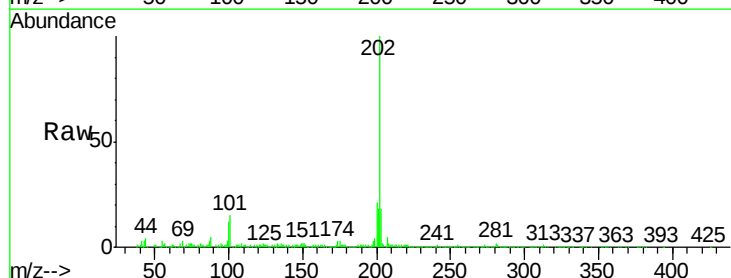
Tgt Ion:202 Resp: 315287

Ion Ratio Lower Upper

202 100

101 15.0 13.0 19.6

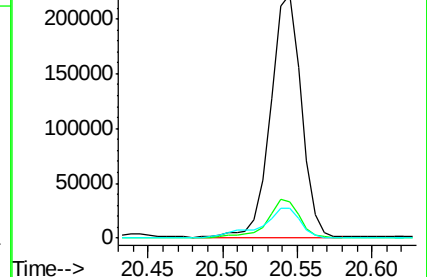
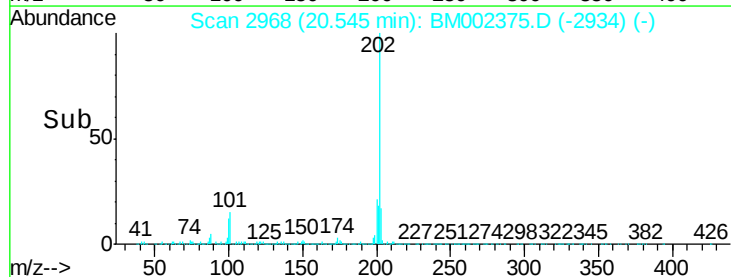
100 12.4 11.0 16.4

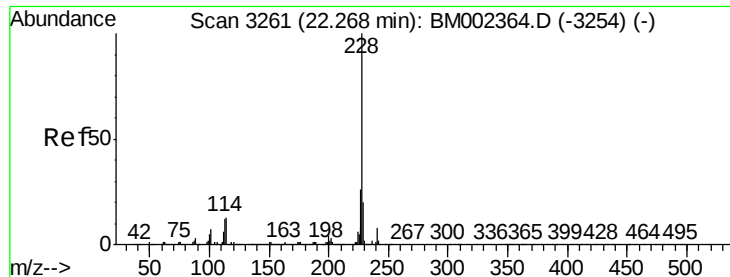


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 4.46 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

Instrument :

BNA_M

ClientSampleId :

D9D05

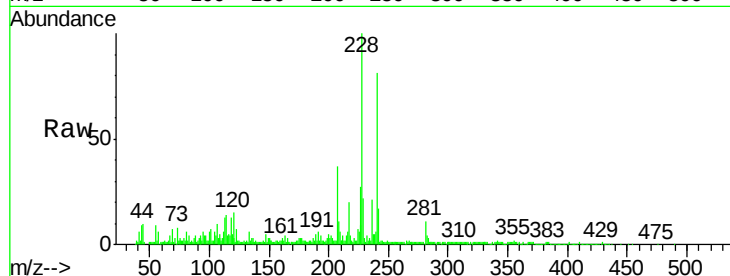
Tgt Ion:228 Resp: 184916

Ion Ratio Lower Upper

228 100

229 22.3 15.7 23.5

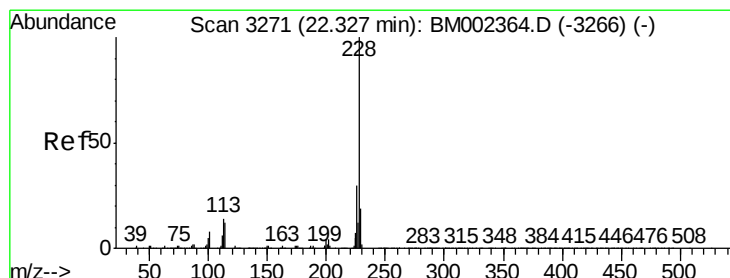
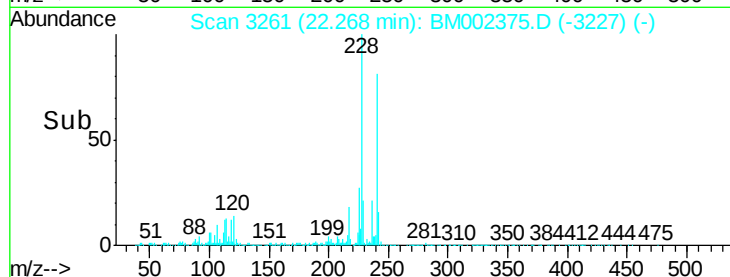
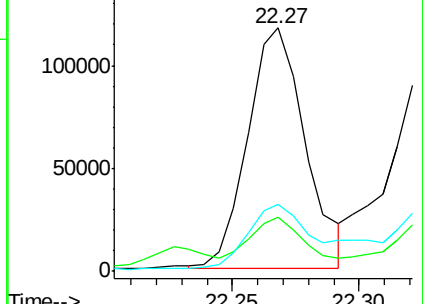
226 27.5 21.4 32.0



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: 4.68 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. -0.06 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

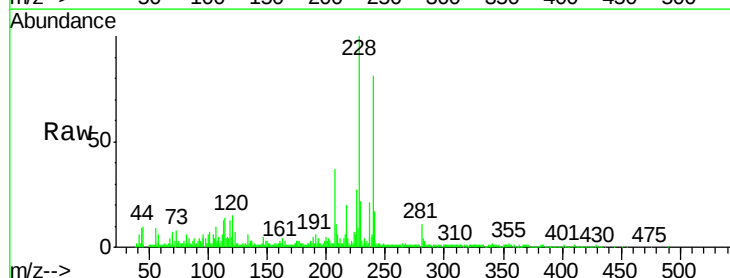
Tgt Ion:228 Resp: 183987

Ion Ratio Lower Upper

228 100

226 27.5 23.4 35.0

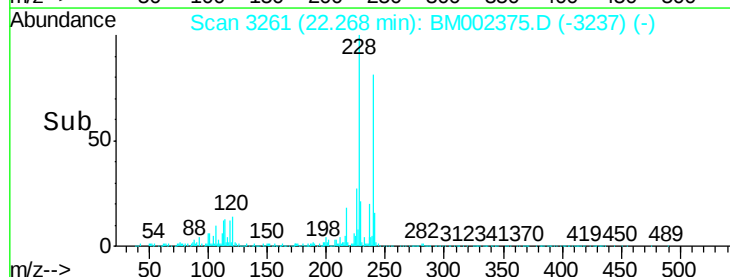
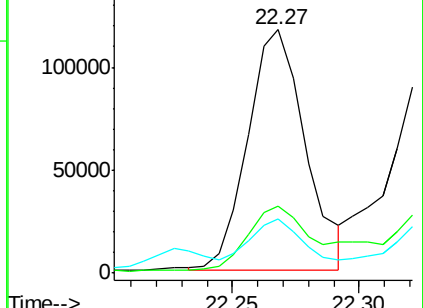
229 22.3 15.5 23.3

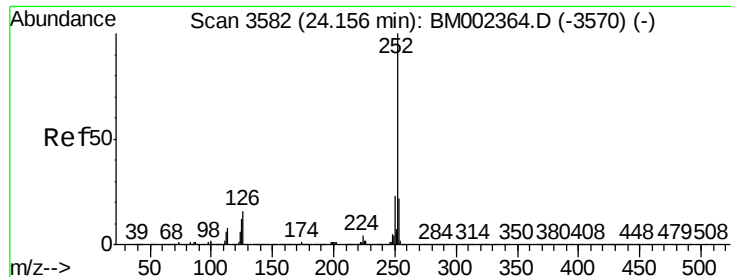


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 6.22 ng/ul

RT: 24.15 min Scan# 3581

Delta R.T. -0.01 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

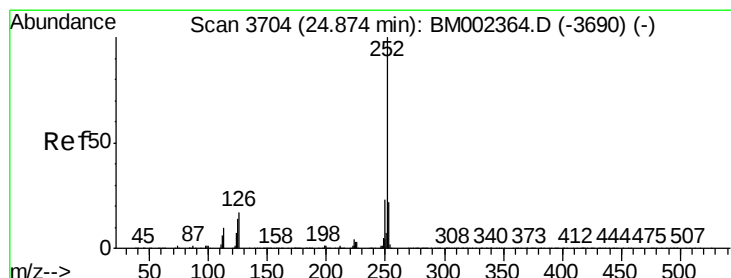
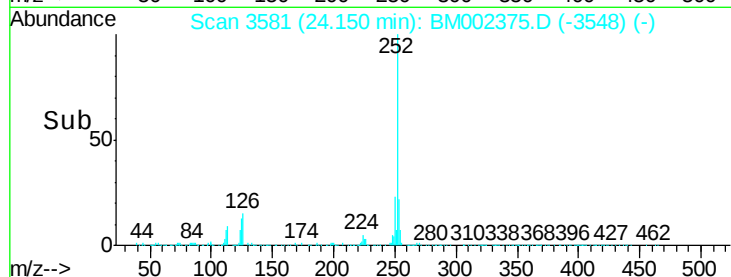
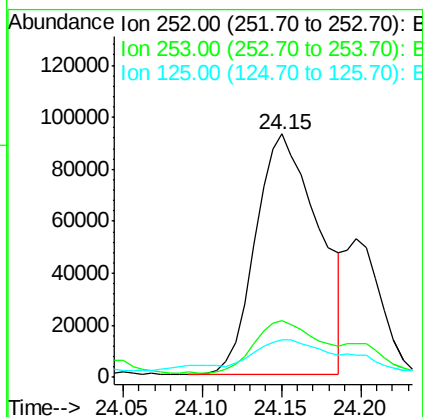
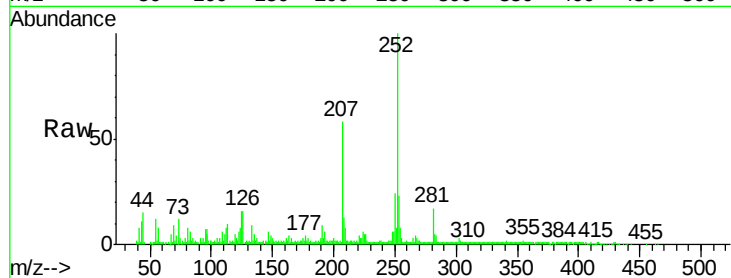
Instrument :

BNA_M

ClientSampleId :

D9D05

Tgt Ion:	252	Resp:	256779
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.9	26.9
125	15.5	10.3	15.5#



#26

Benzo(a)pyrene

Concen: 4.13 ng/ul

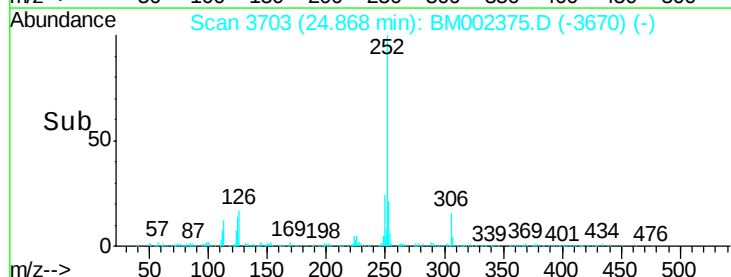
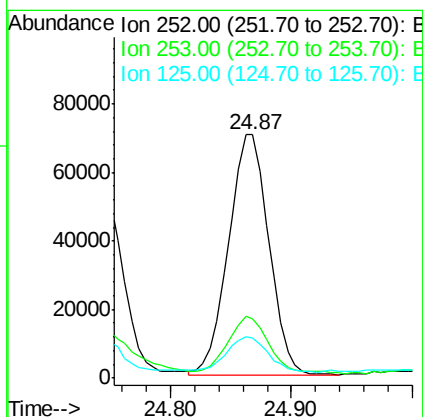
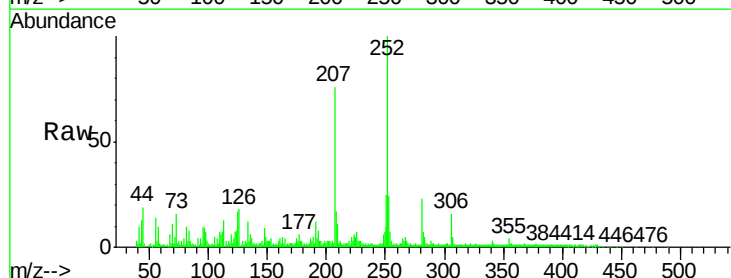
RT: 24.87 min Scan# 3703

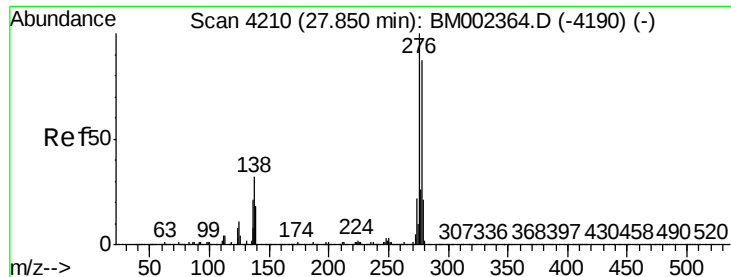
Delta R.T. -0.01 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

Tgt Ion:	252	Resp:	163084
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.3	25.9
125	16.7	11.0	16.6#

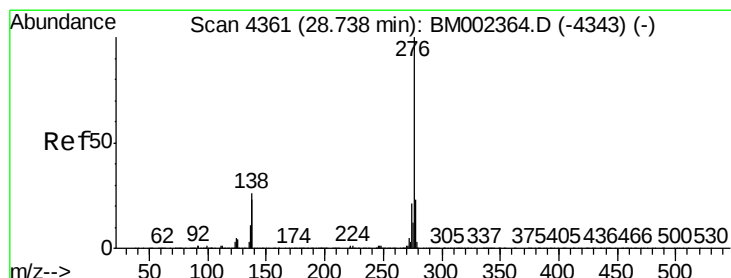
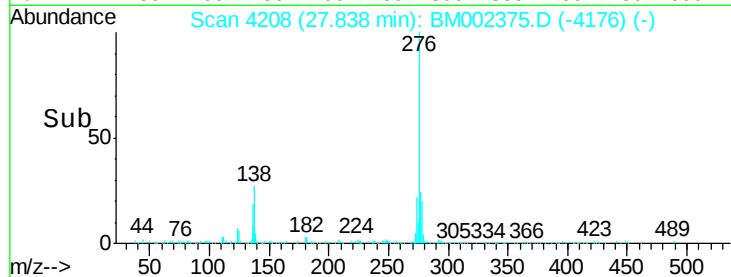
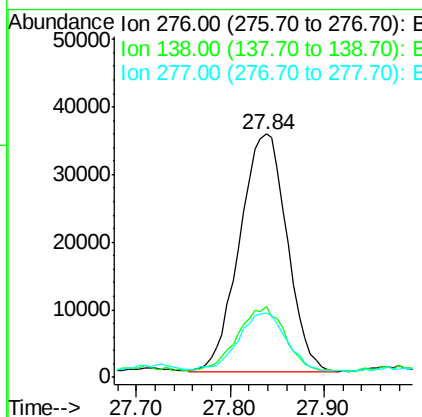
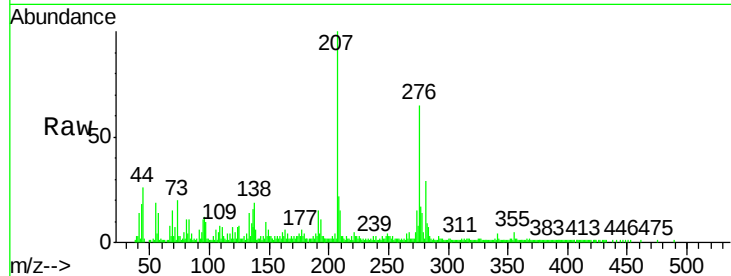




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.72 ng/ul
 RT: 27.84 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: BM002375.D
 Acq: 12 Aug 2015 23:47

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.6	38.4
277	26.5	21.0	31.4



#29
 Benzo(g,h,i)perylene
 Concen: 2.91 ng/ul
 RT: 28.73 min Scan# 4359
 Delta R.T. -0.01 min
 Lab File: BM002375.D
 Acq: 12 Aug 2015 23:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.5	30.7
277	26.5	19.0	28.6

