

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002377.D
 Acq On : 13 Aug 2015 01:00
 Operator : UM/IZ
 Sample : G3163-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D07

Quant Time: Aug 13 02:12:40 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

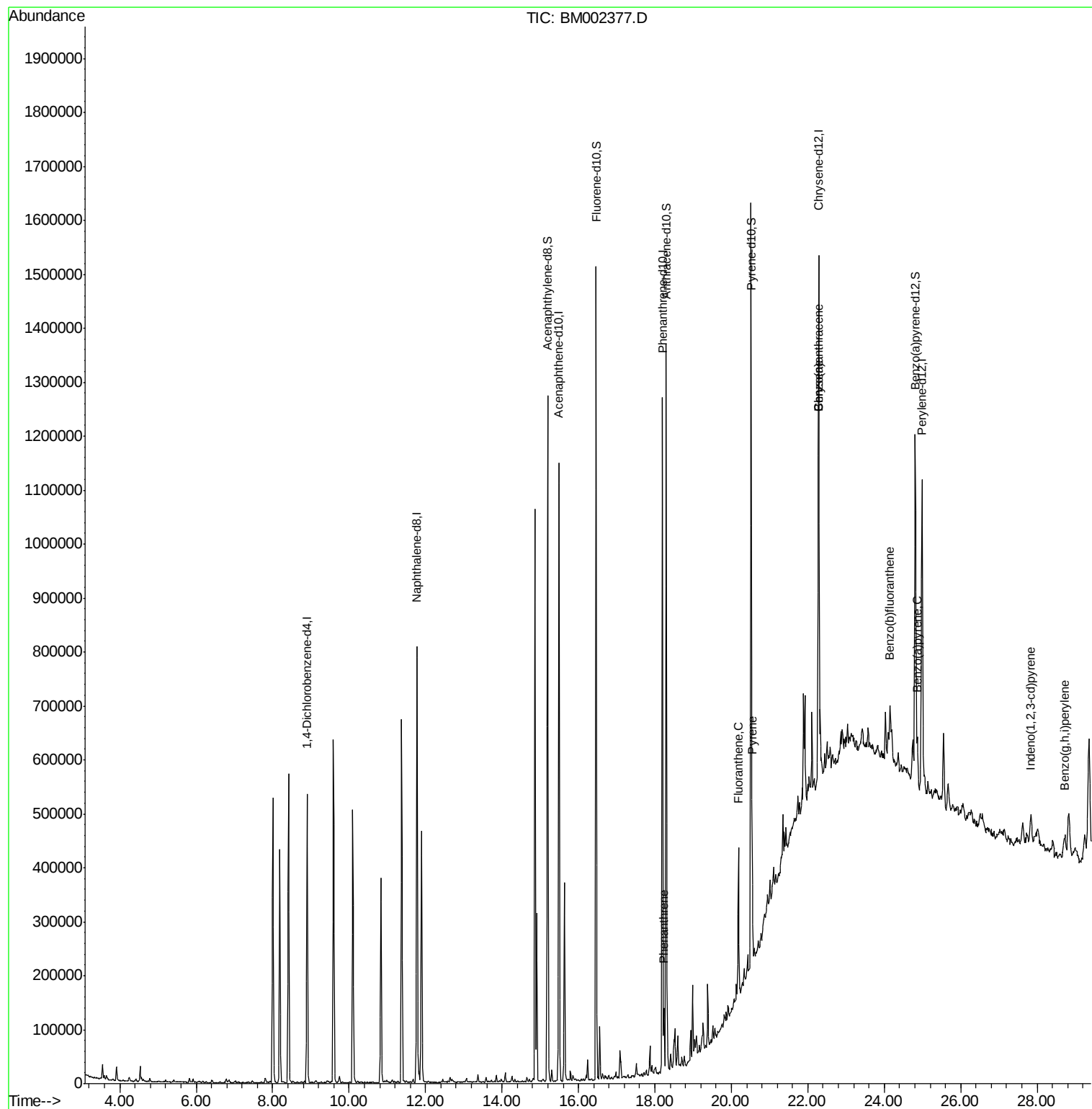
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	159107	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	758196	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	398903	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	728632	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	496252	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	469329	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	950959	23.01	ng/ul	0.00
10) Fluorene-d10	16.46	176	606440	21.10	ng/ul	0.00
14) Anthracene-d10	18.30	188	785543	22.22	ng/ul	0.00
18) Pyrene-d10	20.52	212	634172	26.35	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	535698	21.50	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.24	178	68338	1.63	ng/ul	Qvalue 99
16) Fluoranthene	20.19	202	170403	3.67	ng/ul	98
19) Pyrene	20.54	202	126914	3.96	ng/ul	97
20) Benzo(a)anthracene	22.27	228	82379	2.72	ng/ul	98
21) Chrysene	22.27	228	81731	2.85	ng/ul	96
23) Benzo(b)fluoranthene	24.15	252	109466	3.75	ng/ul#	90
26) Benzo(a)pyrene	24.87	252	63294	2.27	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	27.83	276	48126	1.50	ng/ul	98
29) Benzo(g,h,i)perylene	28.73	276	42826	1.59	ng/ul#	92

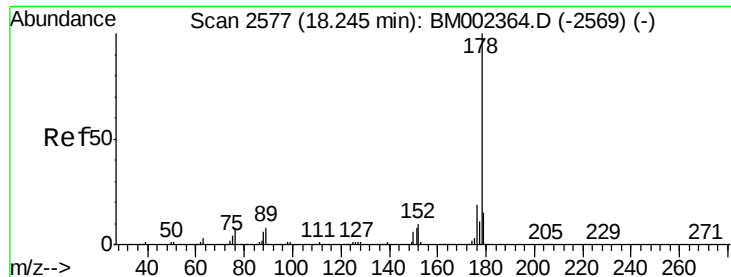
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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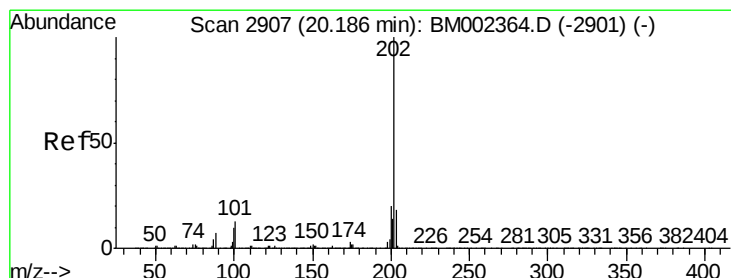
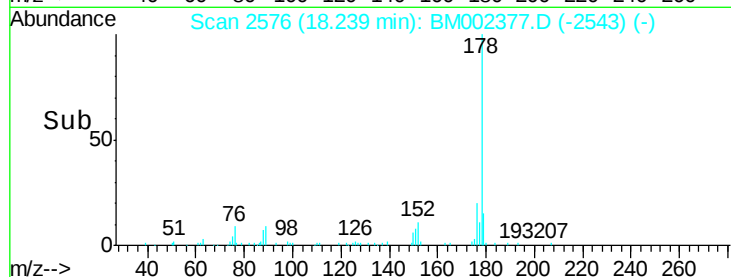
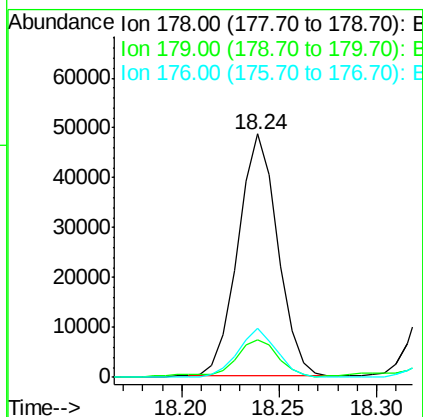
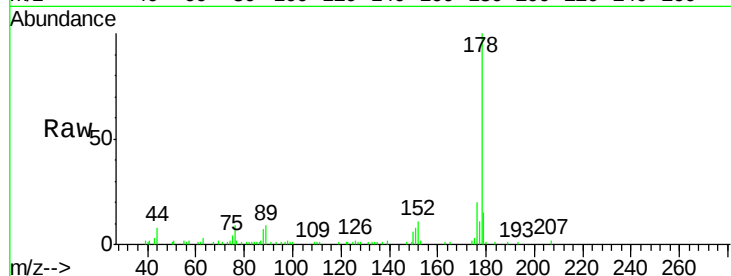




#13
Phenanthrene
Concen: 1.63 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM002377.D
Acq: 13 Aug 2015 01:00

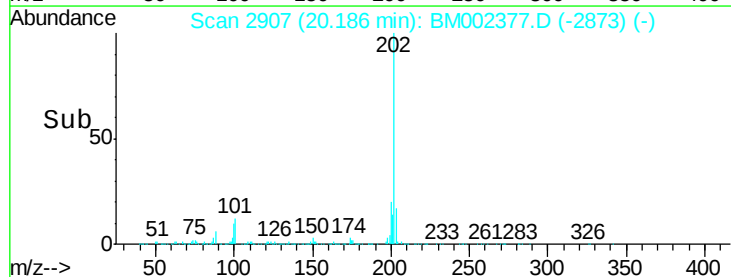
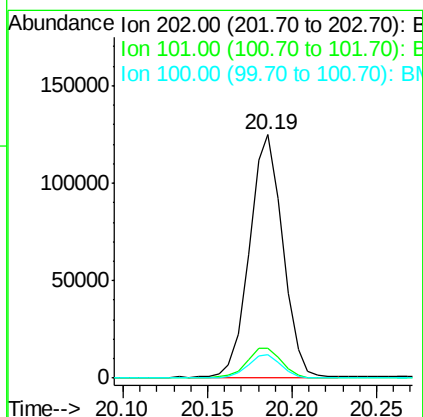
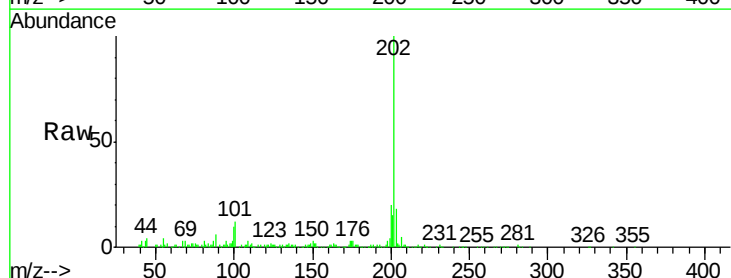
Instrument :
BNA_M
ClientSampleId :
D9D07

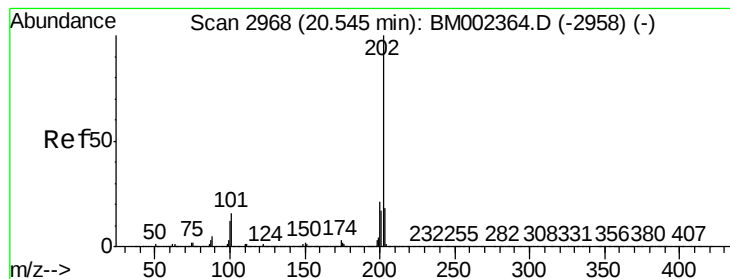
Tgt Ion:178 Resp: 68338
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.9 15.3 22.9



#16
Fluoranthene
Concen: 3.67 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BM002377.D
Acq: 13 Aug 2015 01:00

Tgt Ion:202 Resp: 170403
Ion Ratio Lower Upper
202 100
101 12.4 10.6 15.8
100 9.8 8.2 12.4





#19

Pyrene

Concen: 3.96 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BM002377.D

Acq: 13 Aug 2015 01:00

Instrument :

BNA_M

ClientSampleId :

D9D07

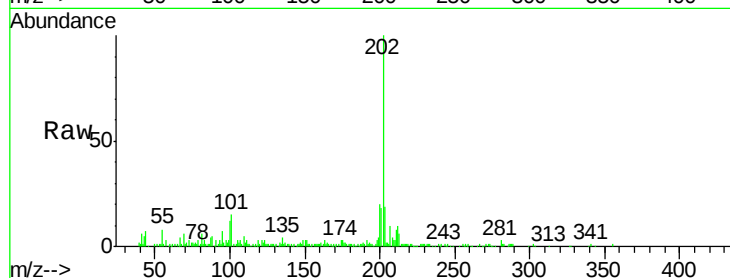
Tgt Ion:202 Resp: 126914

Ion Ratio Lower Upper

202 100

101 15.4 13.0 19.6

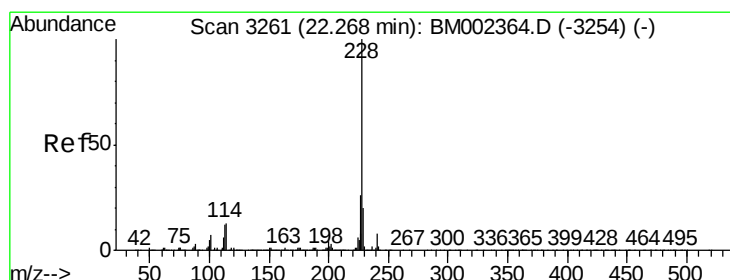
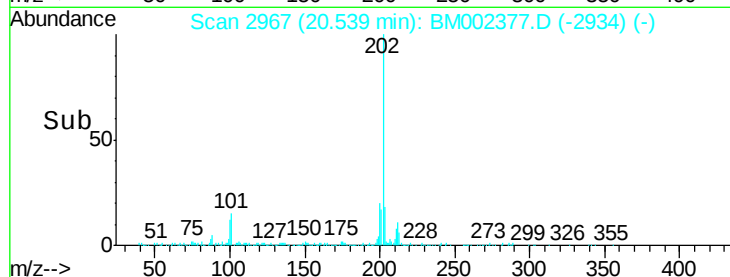
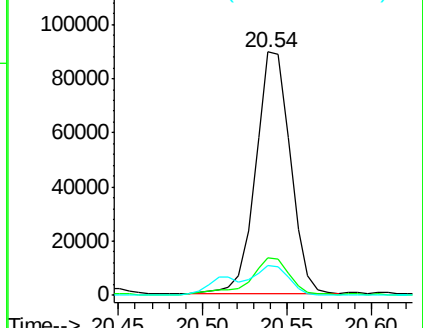
100 12.4 11.0 16.4



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): E



#20

Benzo(a)anthracene

Concen: 2.72 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BM002377.D

Acq: 13 Aug 2015 01:00

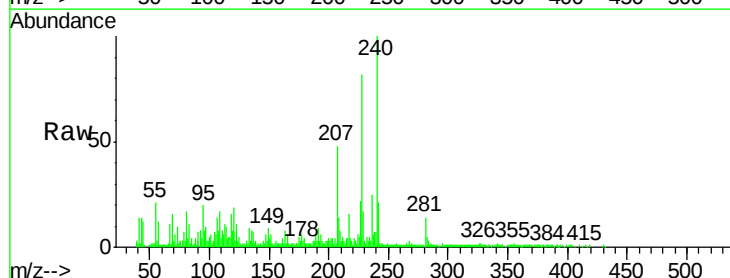
Tgt Ion:228 Resp: 82379

Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

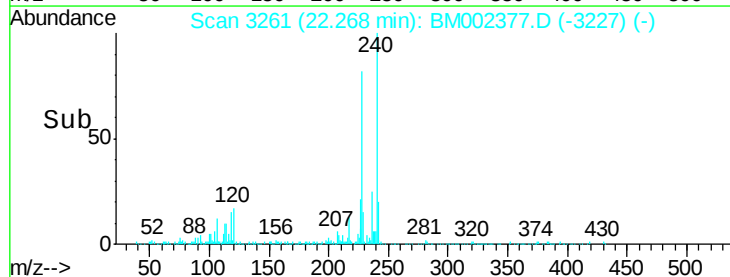
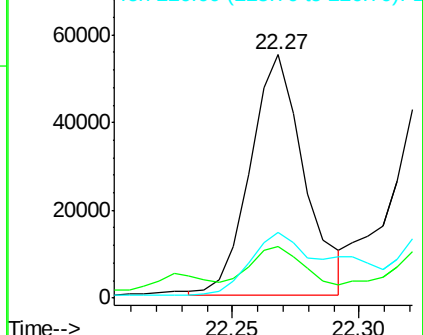
226 26.8 21.4 32.0

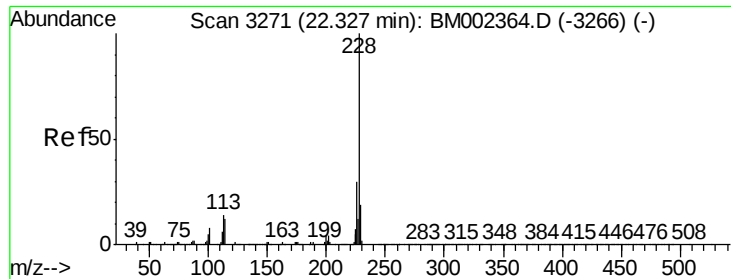


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

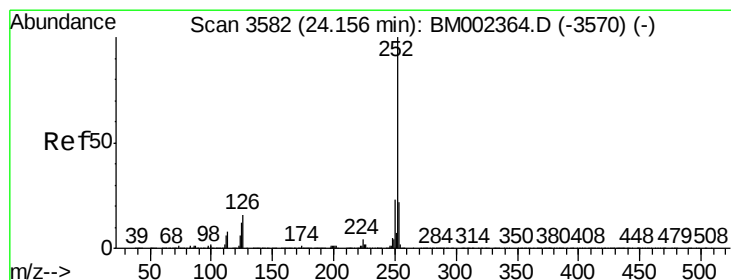
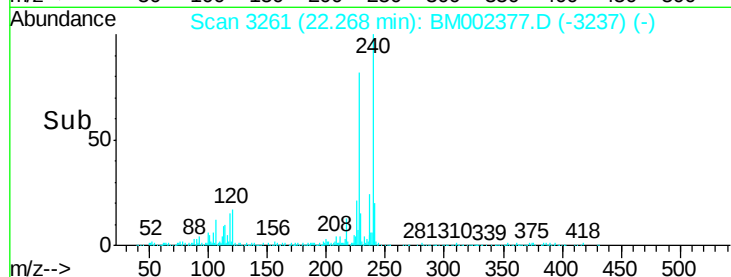
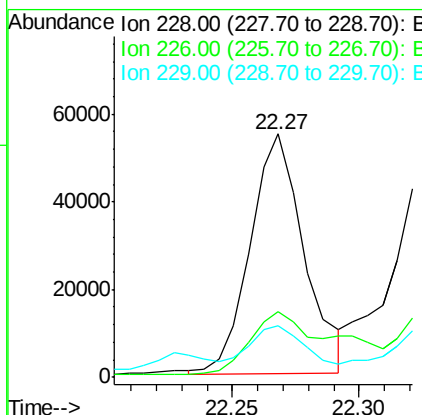
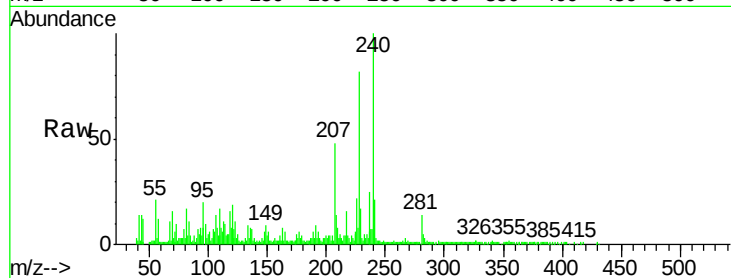




#21
Chrysene
Concen: 2.85 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.06 min
Lab File: BM002377.D
Acq: 13 Aug 2015 01:00

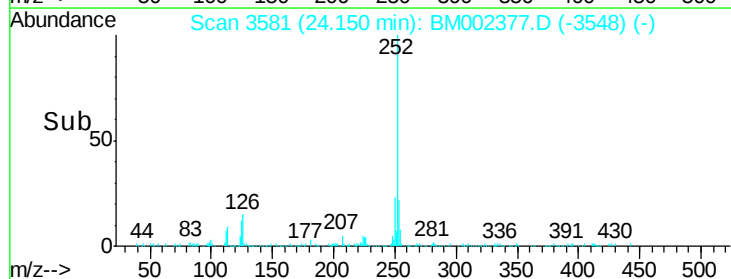
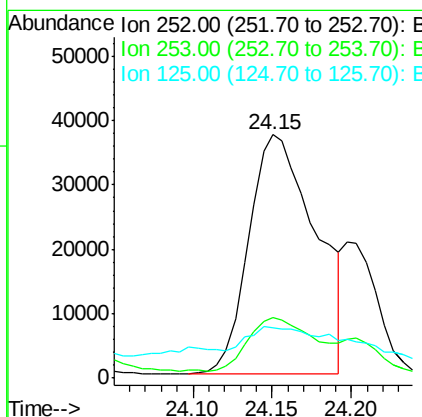
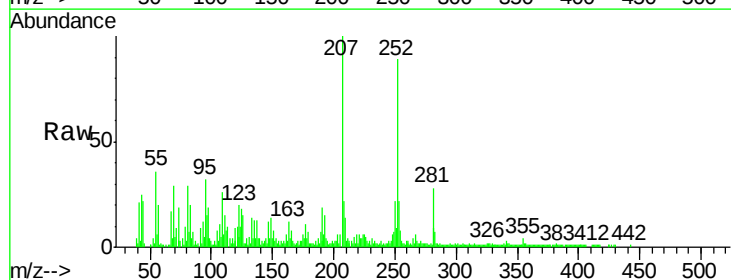
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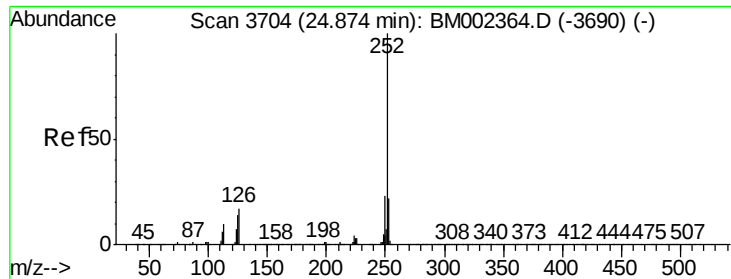
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	23.4	35.0
229	21.1	15.5	23.3



#23
Benzo(b)fluoranthene
Concen: 3.75 ng/ul
RT: 24.15 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BM002377.D
Acq: 13 Aug 2015 01:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	20.5	10.3	15.5





#26

Benzo(a)pyrene

Concen: 2.27 ng/ul

RT: 24.87 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BM002377.D

Acq: 13 Aug 2015 01:00

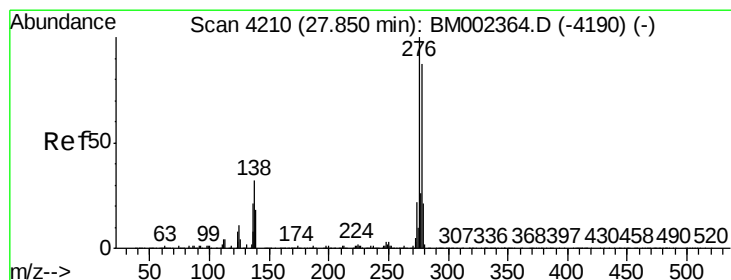
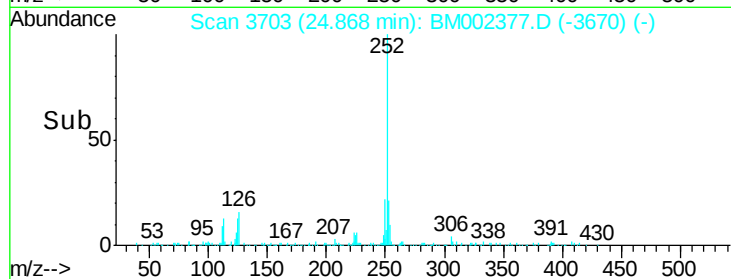
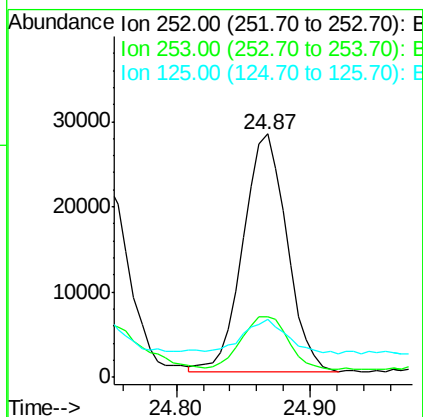
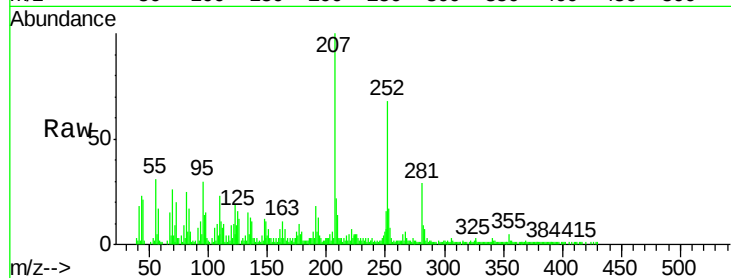
Instrument :

BNA_M

ClientSampleId :

D9D07

Tgt Ion:	252	Resp:	63294
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.3	25.9
125	23.6	11.0	16.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.50 ng/ul

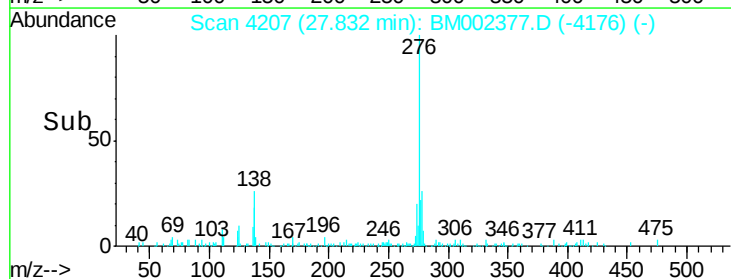
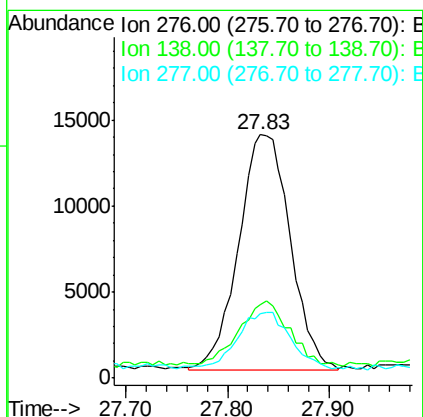
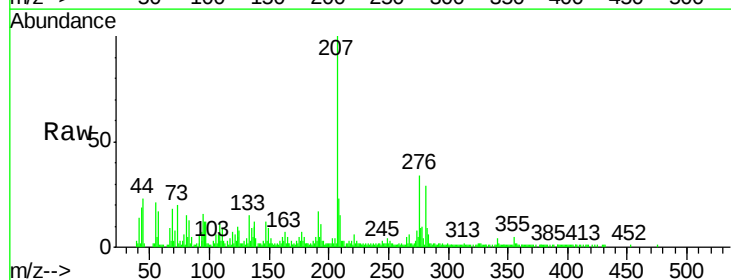
RT: 27.83 min Scan# 4207

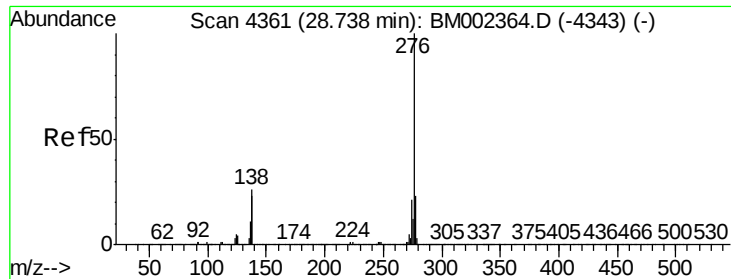
Delta R.T. -0.02 min

Lab File: BM002377.D

Acq: 13 Aug 2015 01:00

Tgt Ion:	276	Resp:	48126
Ion Ratio	Lower	Upper	
276	100		
138	30.2	25.6	38.4
277	26.6	21.0	31.4





#29

Benzo(g,h,i)perylene

Concen: 1.59 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BM002377.D

Acq: 13 Aug 2015 01:00

Instrument :

BNA_M

ClientSampleId :

D9D07

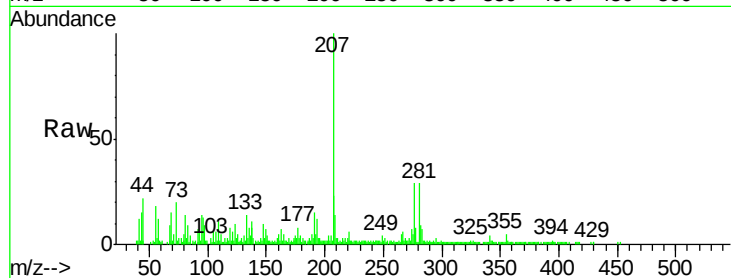
Tgt Ion: 276 Resp: 42826

Ion Ratio Lower Upper

276 100

138 28.2 20.5 30.7

277 28.9 19.0 28.6#



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

