

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002373.D
 Acq On : 12 Aug 2015 22:35
 Operator : UM/IZ
 Sample : G3163-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D03

Quant Time: Aug 13 00:47:37 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	221388	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1014301	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	526659	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	924591	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	652311	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	643664	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	787180	14.43	ng/ul	0.00
10) Fluorene-d10	16.46	176	485889	12.81	ng/ul	0.00
14) Anthracene-d10	18.29	188	601358	13.40	ng/ul	0.00
18) Pyrene-d10	20.52	212	450260	14.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	346381	10.14	ng/ul	0.00

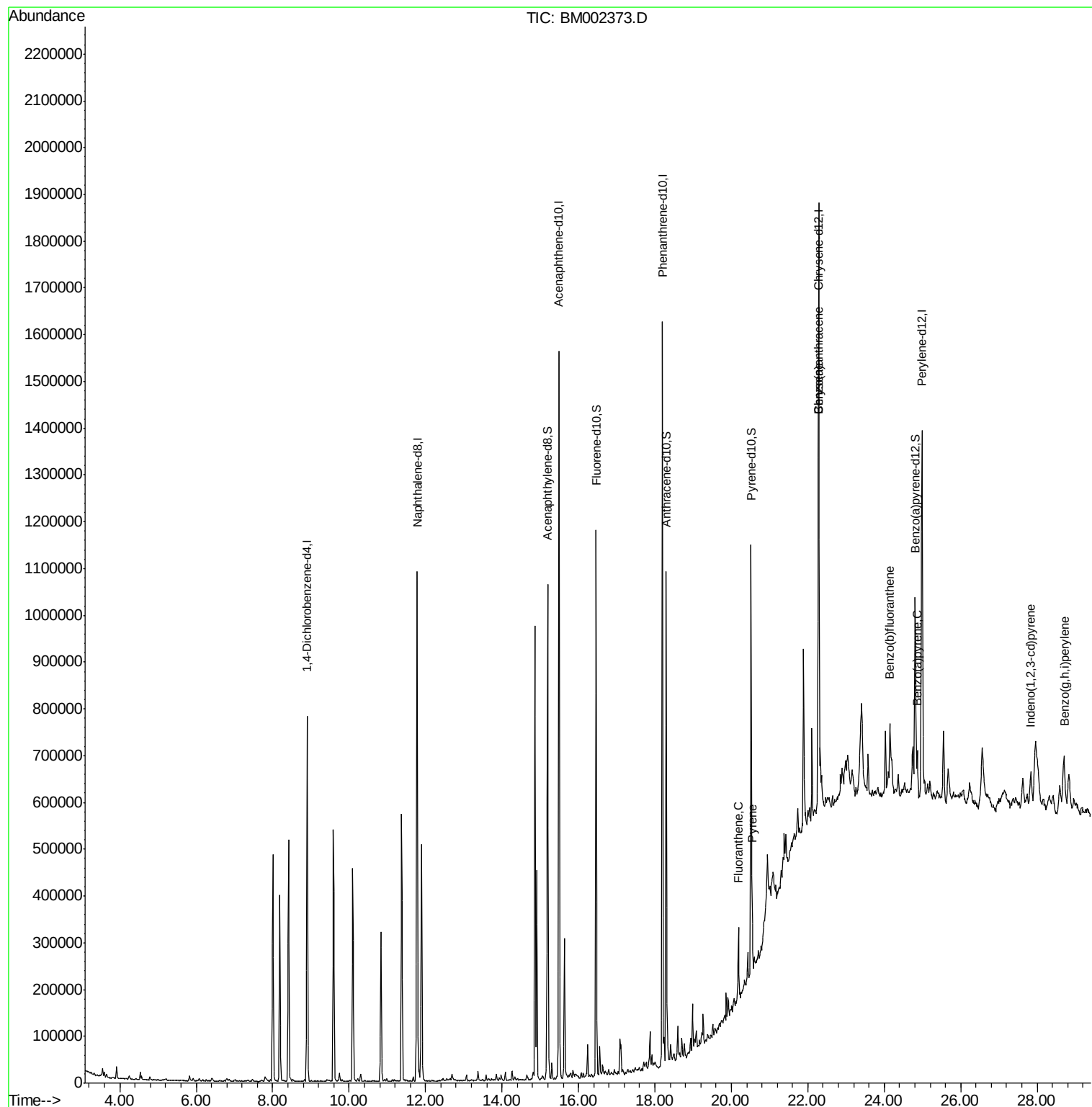
Target Compounds				Qvalue		
16) Fluoranthene	20.19	202	93190	1.58	ng/ul	98
19) Pyrene	20.54	202	96782	2.29	ng/ul	96
20) Benzo(a)anthracene	22.27	228	71860	1.80	ng/ul	95
21) Chrysene	22.27	228	71122	1.88	ng/ul	95
23) Benzo(b)fluoranthene	24.15	252	154569	3.86	ng/ul#	94
26) Benzo(a)pyrene	24.87	252	78442	2.05	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	27.83	276	56710	1.29	ng/ul	99
29) Benzo(g,h,i)perylene	28.73	276	50517	1.36	ng/ul	93

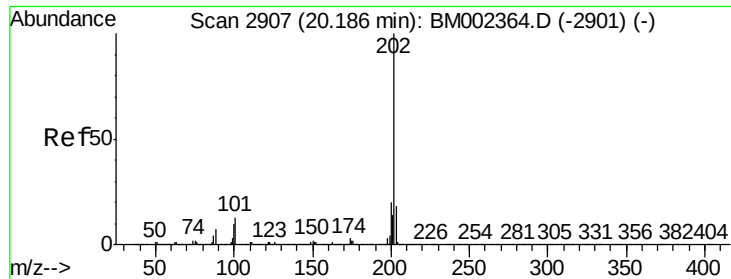
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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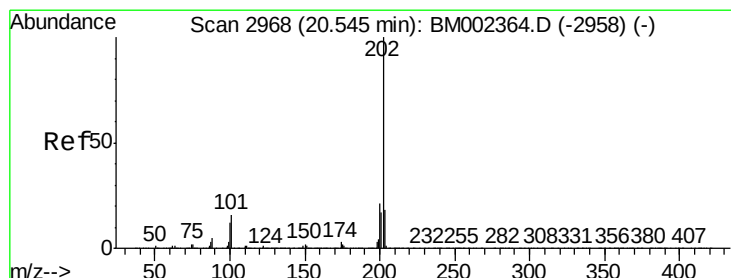
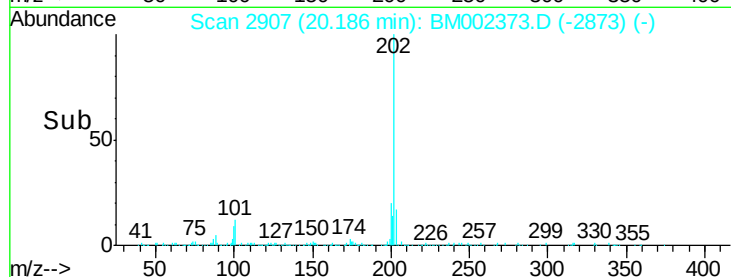
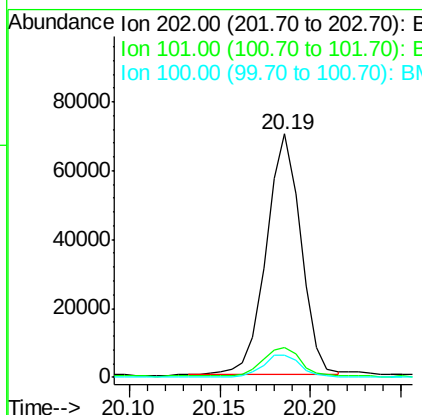
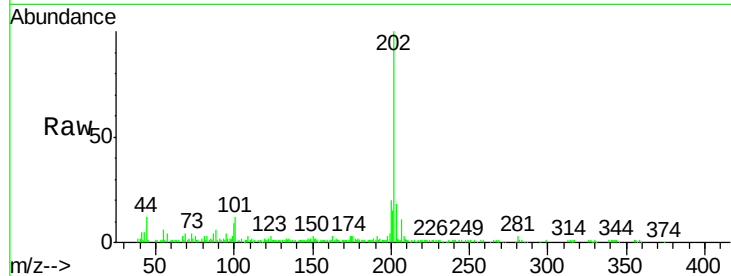




#16
Fluoranthene
Concen: 1.58 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BM002373.D
Acq: 12 Aug 2015 22:35

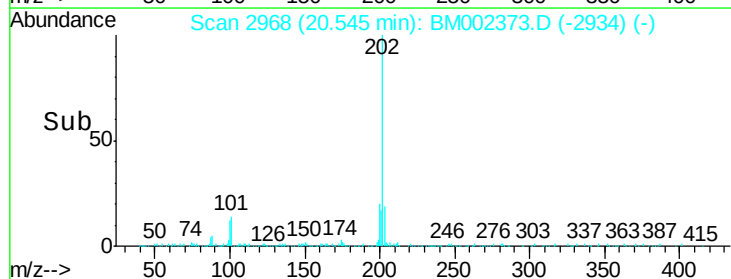
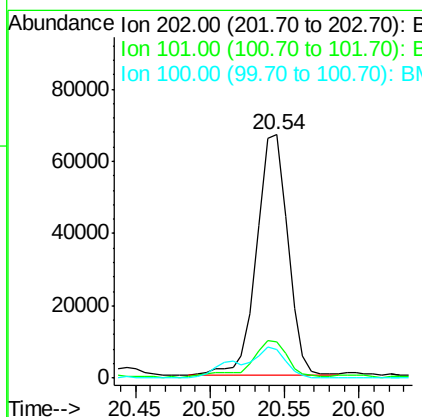
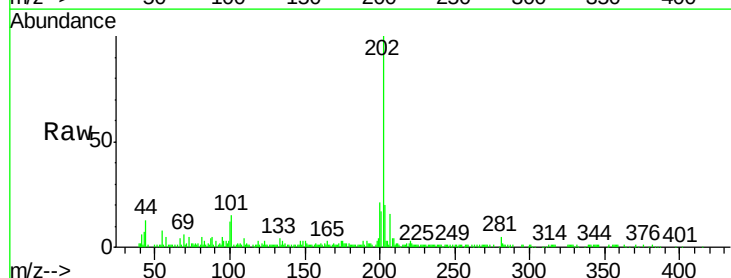
Instrument :
BNA_M
ClientSampleId :
D9D03

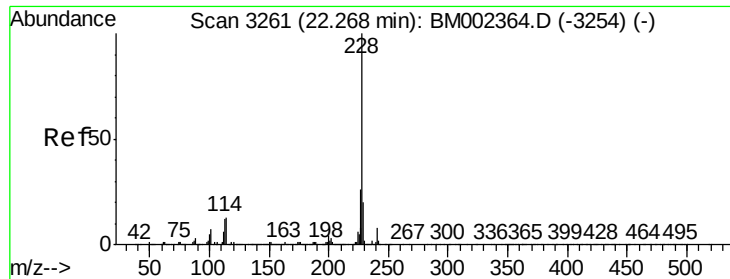
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.6	15.8
100	9.2	8.2	12.4



#19
Pyrene
Concen: 2.29 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BM002373.D
Acq: 12 Aug 2015 22:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	13.0	19.6
100	11.8	11.0	16.4





#20

Benzo(a)anthracene

Concen: 1.80 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BM002373.D

Acq: 12 Aug 2015 22:35

Instrument :

BNA_M

ClientSampleId :

D9D03

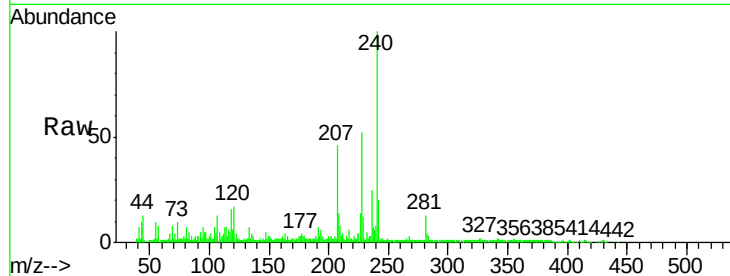
Tgt Ion:228 Resp: 71860

Ion Ratio Lower Upper

228 100

229 23.0 15.7 23.5

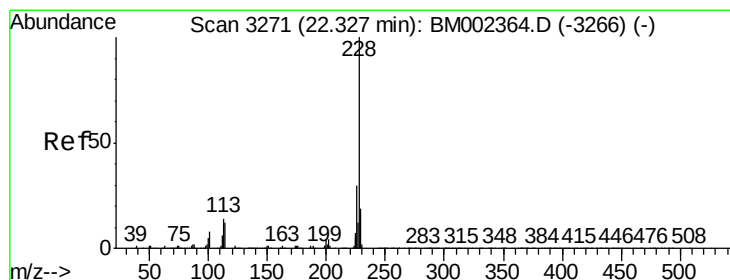
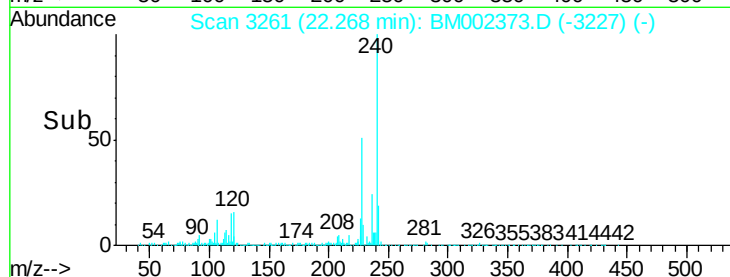
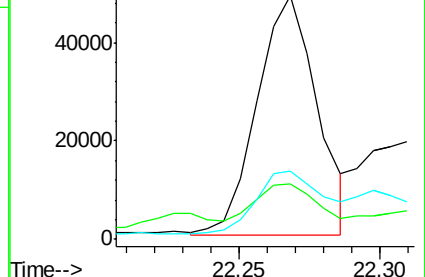
226 27.9 21.4 32.0



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: 1.88 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. -0.06 min

Lab File: BM002373.D

Acq: 12 Aug 2015 22:35

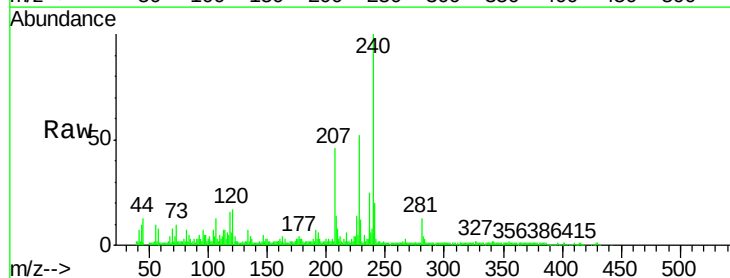
Tgt Ion:228 Resp: 71122

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.0

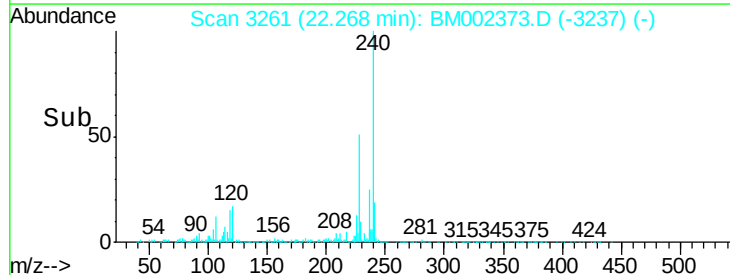
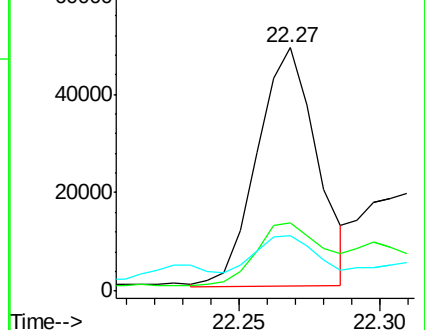
229 23.0 15.5 23.3

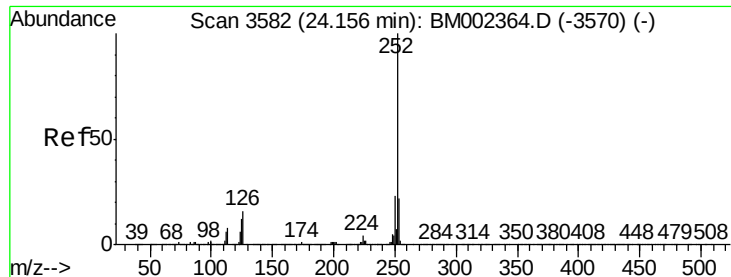


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 3.86 ng/ul

RT: 24.15 min Scan# 3581

Delta R.T. -0.01 min

Lab File: BM002373.D

Acq: 12 Aug 2015 22:35

Instrument :

BNA_M

ClientSampleId :

D9D03

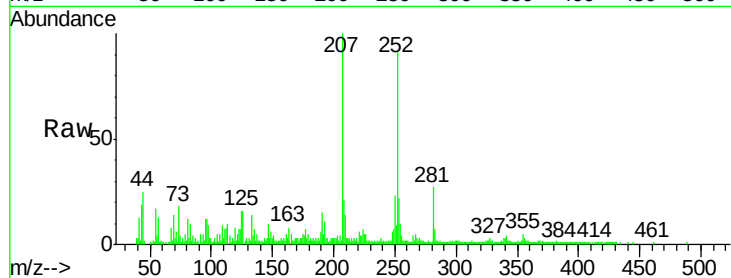
Tgt Ion:252 Resp: 154569

Ion Ratio Lower Upper

252 100

253 23.9 17.9 26.9

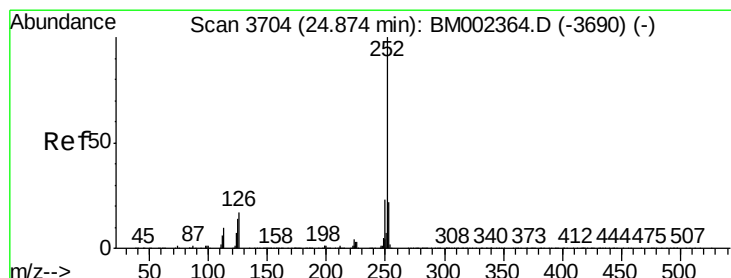
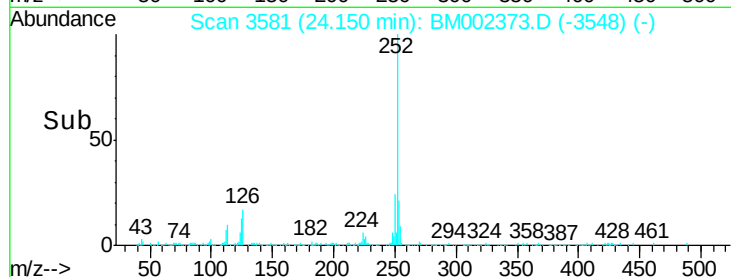
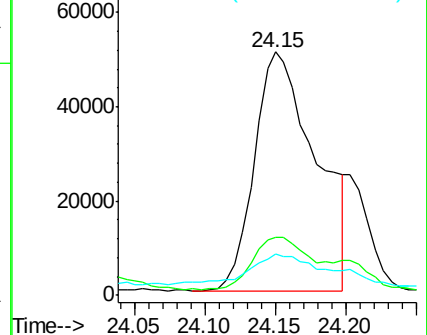
125 17.2 10.3 15.5#



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: 2.05 ng/ul

RT: 24.87 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BM002373.D

Acq: 12 Aug 2015 22:35

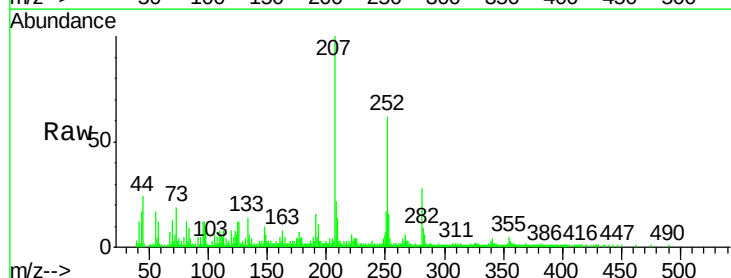
Tgt Ion:252 Resp: 78442

Ion Ratio Lower Upper

252 100

253 26.1 17.3 25.9#

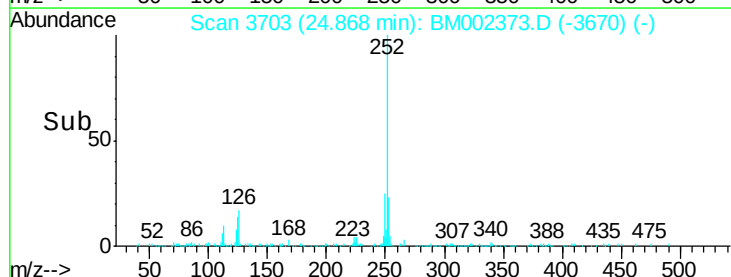
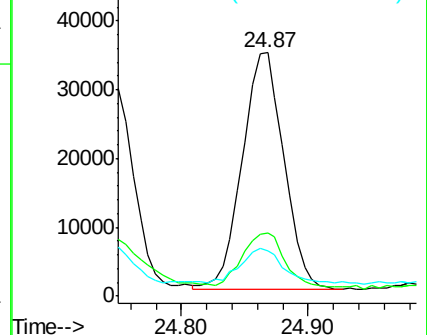
125 18.8 11.0 16.6#

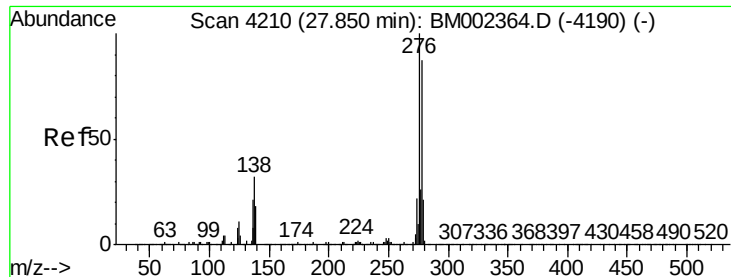


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.29 ng/ul

RT: 27.83 min Scan# 4207

Delta R.T. -0.02 min

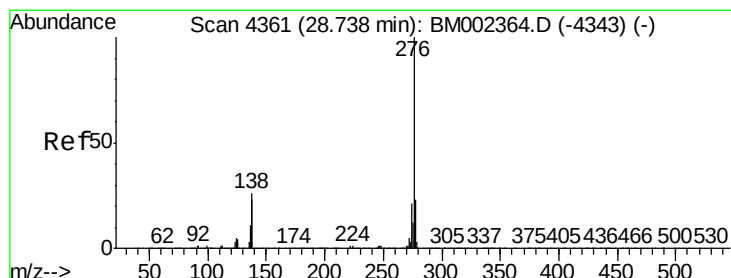
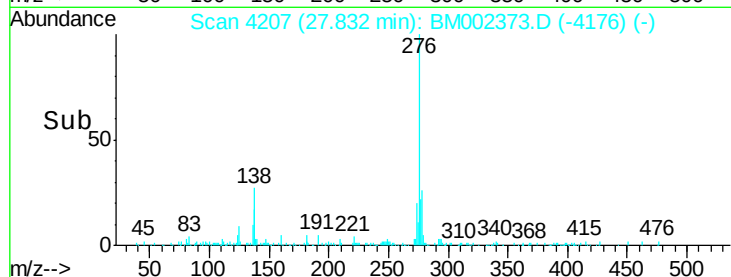
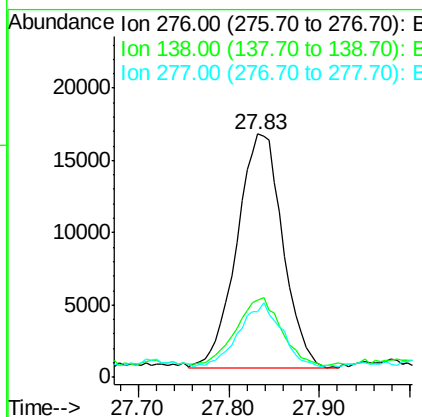
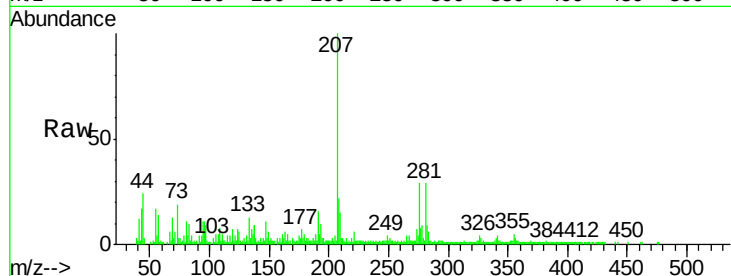
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Tgt Ion:276 Resp: 56710

Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.6	38.4
277	27.0	21.0	31.4



#29

Benzo(g,h,i)perylene

Concen: 1.36 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BM002373.D

Acq: 12 Aug 2015 22:35

Tgt Ion:276 Resp: 50517

Ion	Ratio	Lower	Upper
276	100		
138	28.4	20.5	30.7
277	28.3	19.0	28.6

