

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002276.D
 Acq On : 08 Aug 2015 14:35
 Operator : TP/UM
 Sample : G3161-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C53MS

Quant Time: Aug 09 05:34:01 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 05:31:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	238772	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1172649	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	623218	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1240177	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1136226	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	943260	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.20	160	1425676	22.08	ng/ul	0.00
10) Fluorene-d10	16.47	176	924577	20.59	ng/ul	0.00
14) Anthracene-d10	18.30	188	1307116	21.72	ng/ul	0.00
18) Pyrene-d10	20.52	212	1283426	23.29	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	973758	19.44	ng/ul	0.00

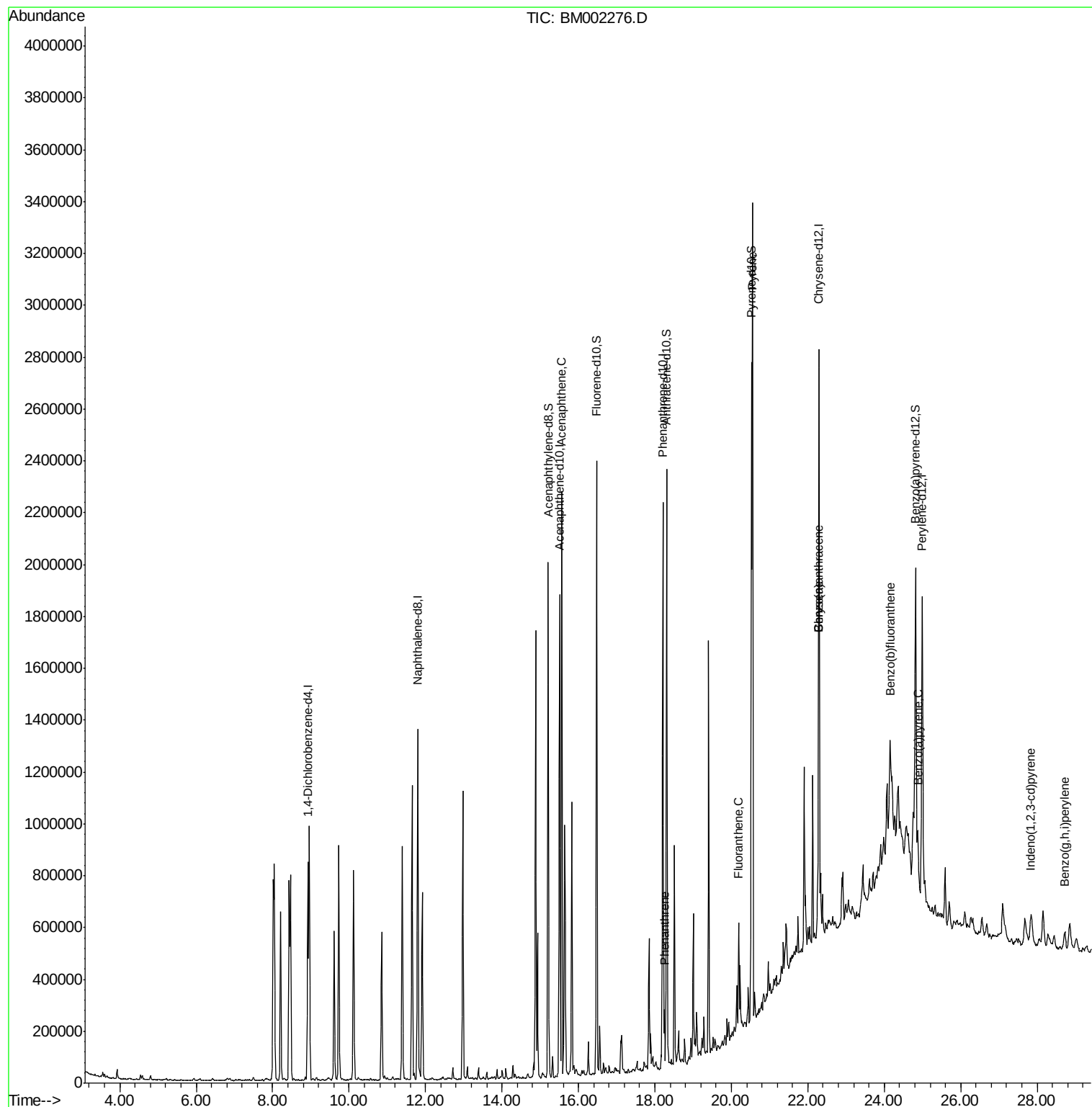
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Acenaphthene	15.56	153	939106	20.83	ng/ul	99
13) Phenanthrene	18.25	178	127536	1.79	ng/ul	99
16) Fluoranthene	20.19	202	244604	3.09	ng/ul	99
19) Pyrene	20.55	202	1821250	24.79	ng/ul	99
20) Benzo(a)anthracene	22.27	228	142672	2.06	ng/ul	97
21) Chrysene	22.27	228	141316	2.15	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	265694	4.53	ng/ul#	95
26) Benzo(a)pyrene	24.87	252	135537	2.42	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	27.83	276	105099	1.63	ng/ul	94
29) Benzo(g,h,i)perylene	28.73	276	100517	1.85	ng/ul	93

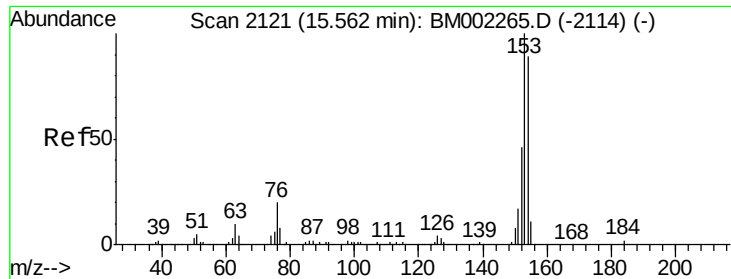
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 20.83 ng/ul

RT: 15.56 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BM002276.D

Acq: 08 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9C53MS

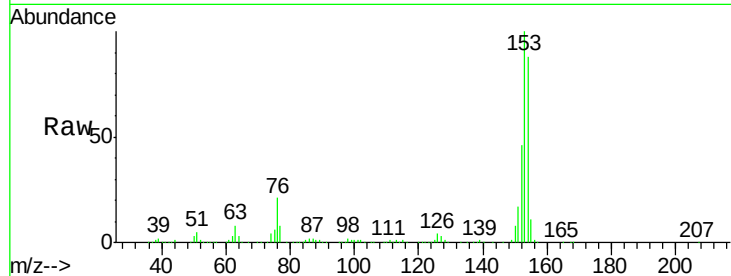
Tgt Ion:153 Resp: 939106

Ion Ratio Lower Upper

153 100

152 46.1 36.6 55.0

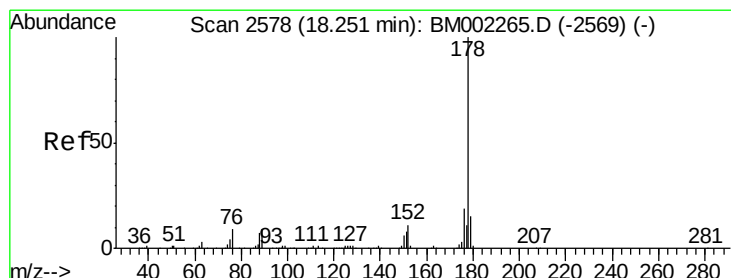
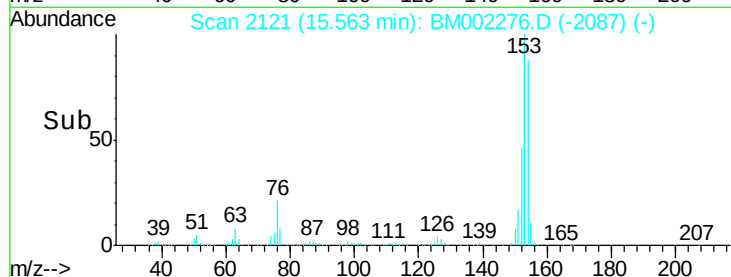
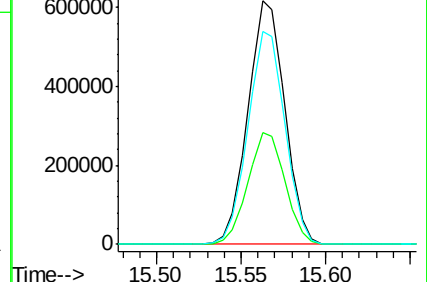
154 87.5 71.5 107.3



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 1.79 ng/ul

RT: 18.25 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BM002276.D

Acq: 08 Aug 2015 14:35

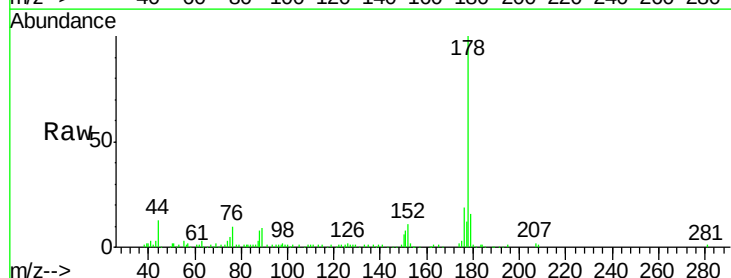
Tgt Ion:178 Resp: 127536

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

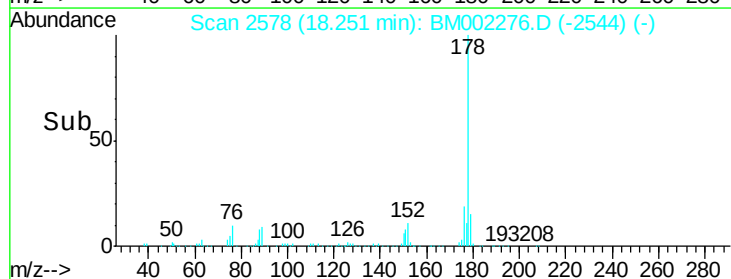
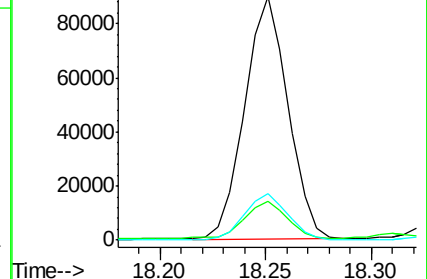
176 18.9 15.3 22.9

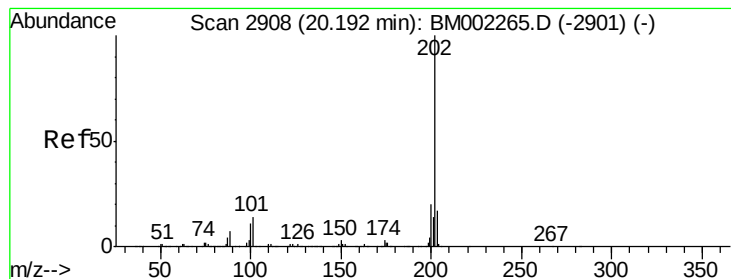


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 3.09 ng/ul

RT: 20.19 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BM002276.D

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D9C53MS

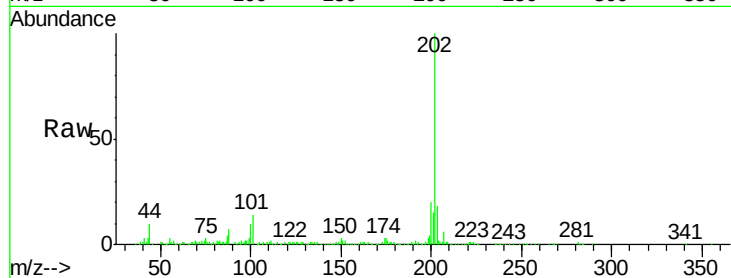
Tgt Ion:202 Resp: 244604

Ion Ratio Lower Upper

202 100

101 13.9 10.6 15.8

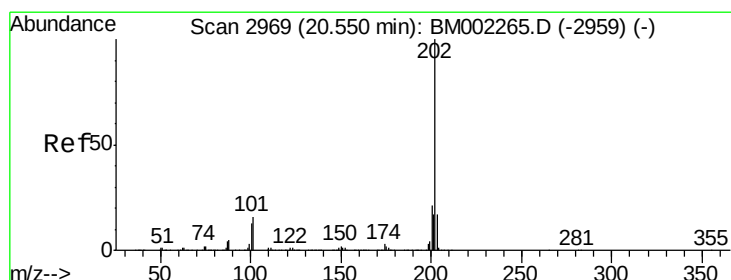
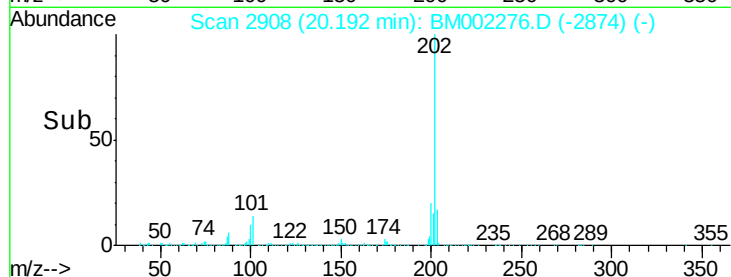
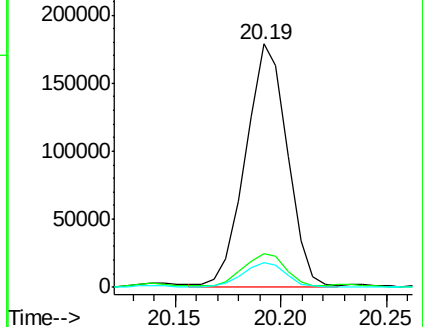
100 10.2 8.2 12.4



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: 24.79 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BM002276.D

Acq: 08 Aug 2015 14:35

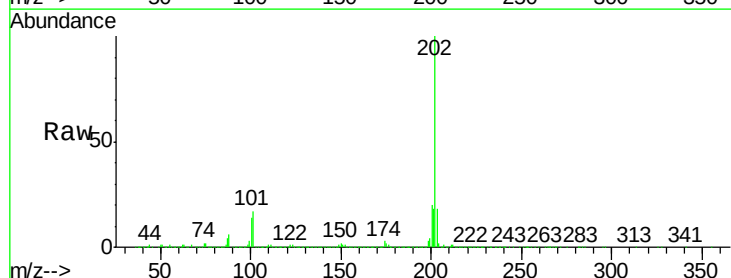
Tgt Ion:202 Resp: 1821250

Ion Ratio Lower Upper

202 100

101 16.9 13.0 19.6

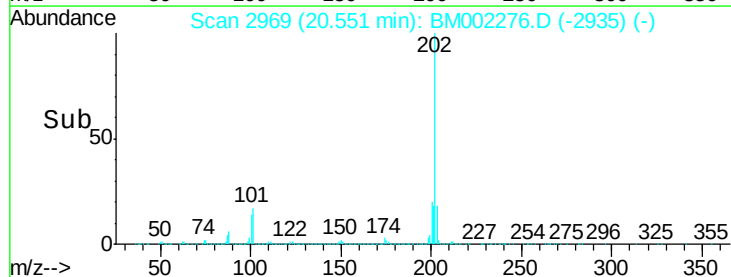
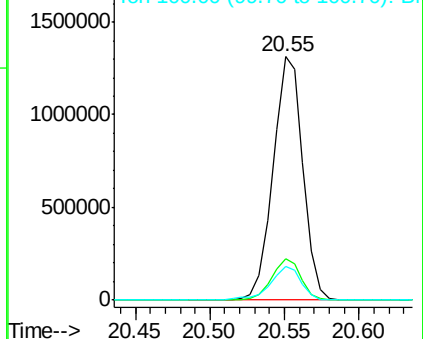
100 14.0 11.0 16.4

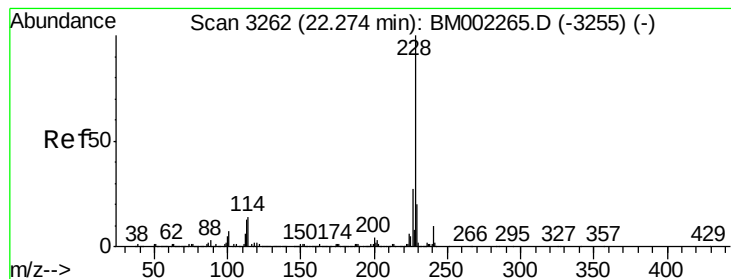


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 2.06 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BM002276.D

Acq: 08 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9C53MS

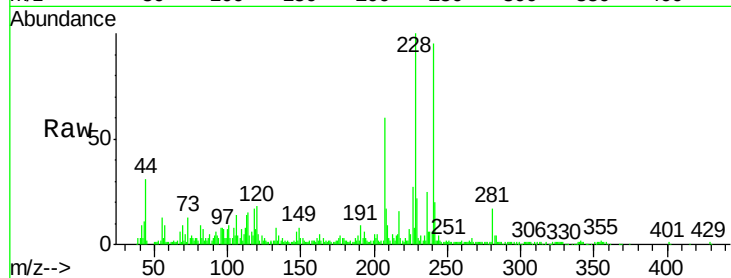
Tgt Ion:228 Resp: 142672

Ion Ratio Lower Upper

228 100

229 21.8 15.7 23.5

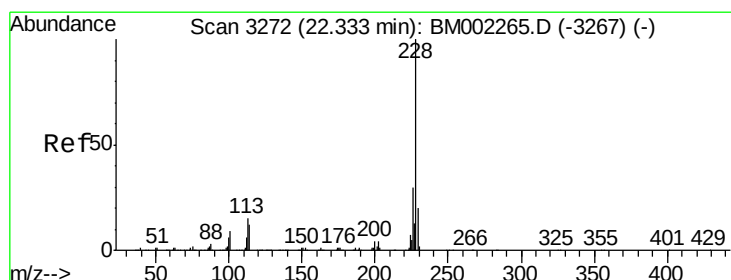
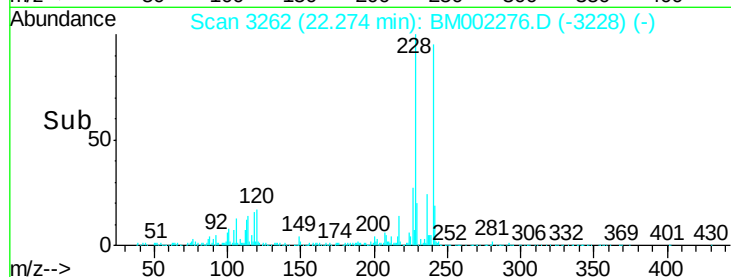
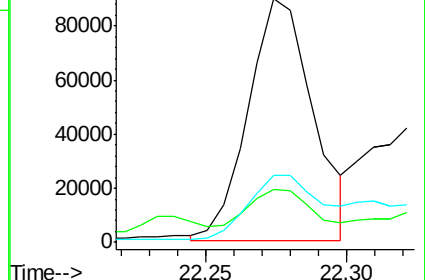
226 27.4 21.4 32.0



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: 2.15 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. -0.06 min

Lab File: BM002276.D

Acq: 08 Aug 2015 14:35

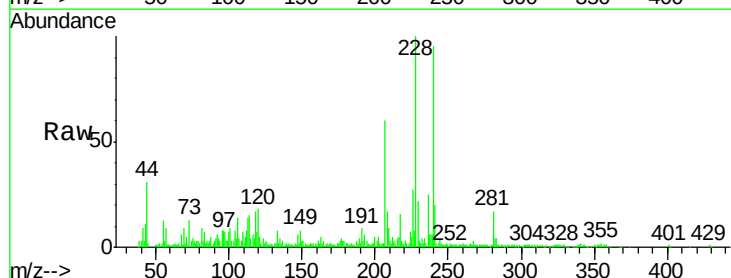
Tgt Ion:228 Resp: 141316

Ion Ratio Lower Upper

228 100

226 27.4 23.4 35.0

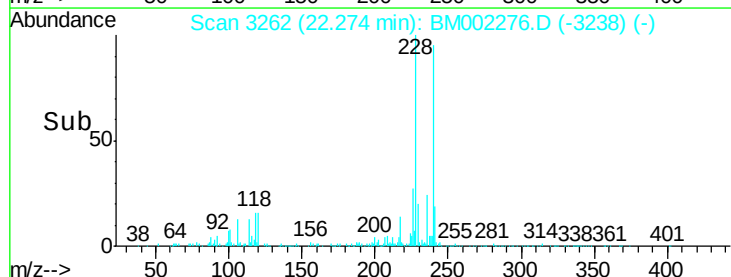
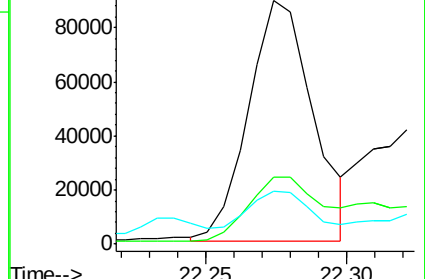
229 21.8 15.5 23.3

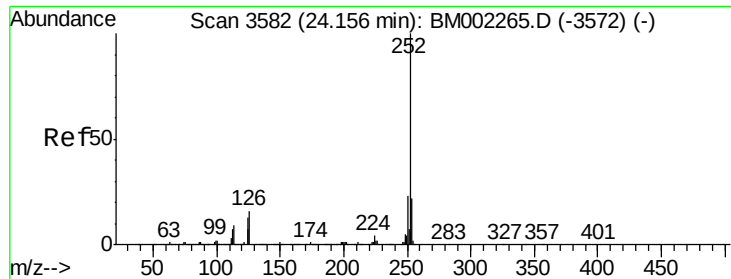


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 4.53 ng/ul

RT: 24.16 min Scan# 3582

Delta R.T. 0.00 min

Lab File: BM002276.D

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Instrument :

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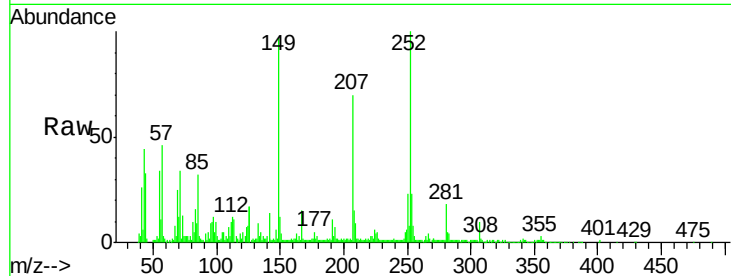
Tgt Ion:252 Resp: 265694

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

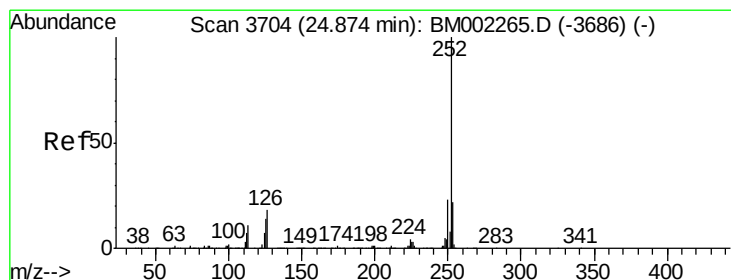
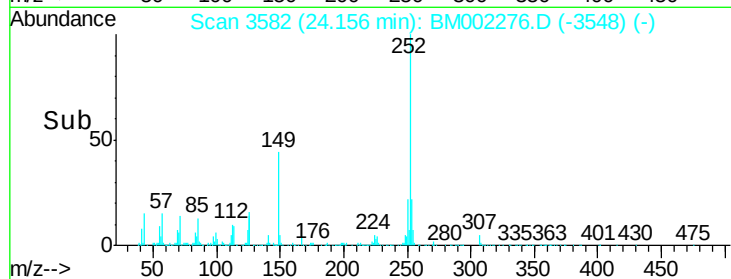
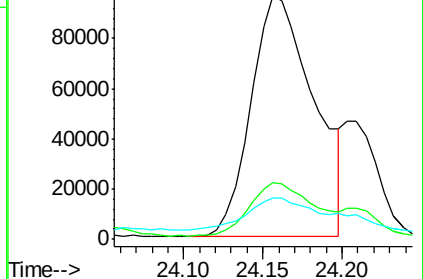
125 16.9 10.3 15.5#



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: 2.42 ng/ul

RT: 24.87 min Scan# 3704

Delta R.T. 0.00 min

Lab File: BM002276.D

Acq: 08 Aug 2015 14:35

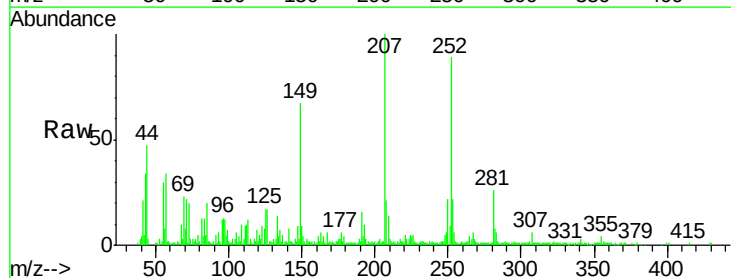
Tgt Ion:252 Resp: 135537

Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

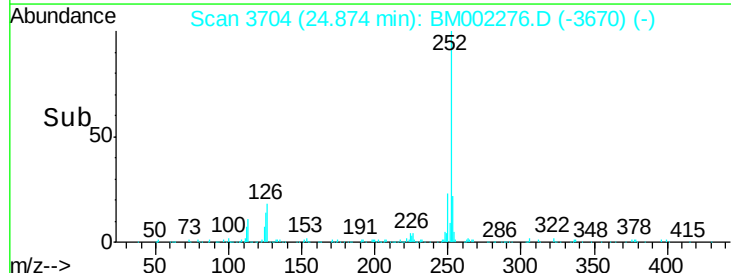
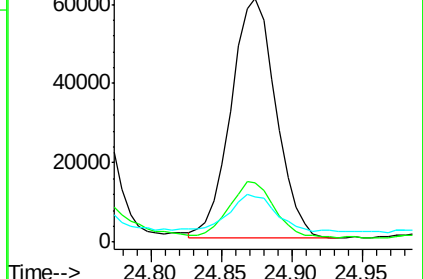
125 18.8 11.0 16.6#

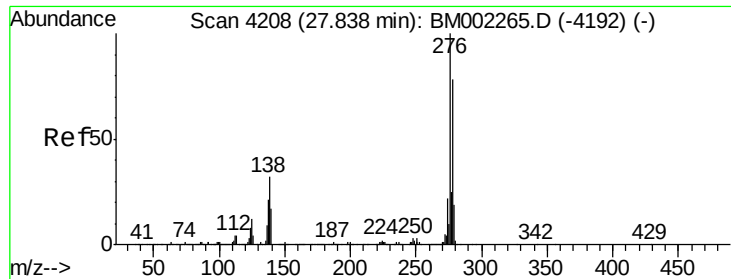


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.63 ng/ul

RT: 27.83 min Scan# 4207

Delta R.T. -0.01 min

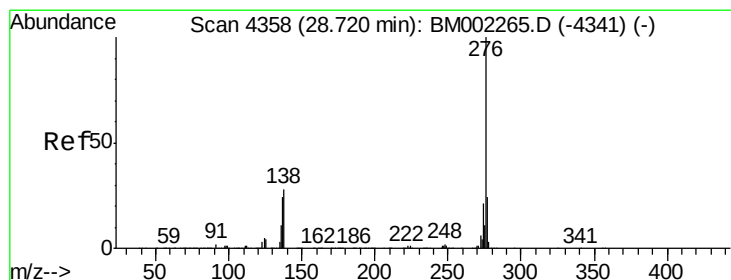
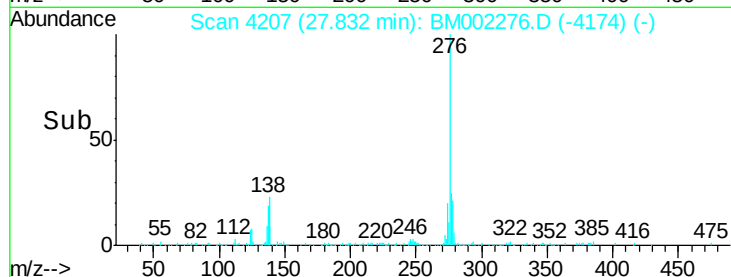
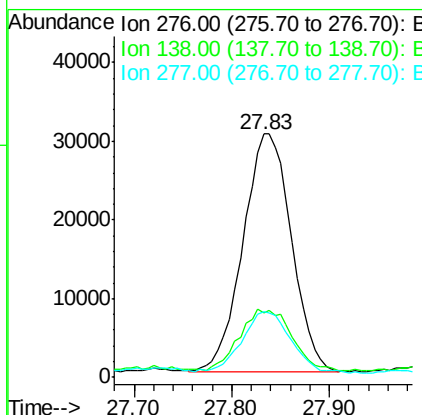
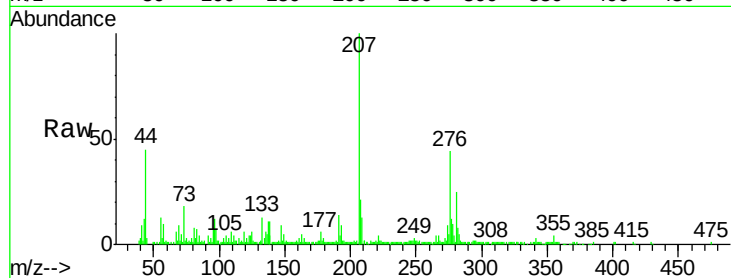
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Tgt Ion: 276 Resp: 105099

Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.6	38.4
277	26.9	21.0	31.4



#29

Benzo(g,h,i)perylene

Concen: 1.85 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BM002276.D

Acq: 08 Aug 2015 14:35

Tgt Ion: 276 Resp: 100517

Ion	Ratio	Lower	Upper
276	100		
138	30.4	20.5	30.7
277	25.8	19.0	28.6

