

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002288.D
 Acq On : 08 Aug 2015 22:31
 Operator : TP/UM
 Sample : G3161-16
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C61

Quant Time: Aug 09 06:18:42 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 06:16:29 2015
 Response via : Initial Calibration

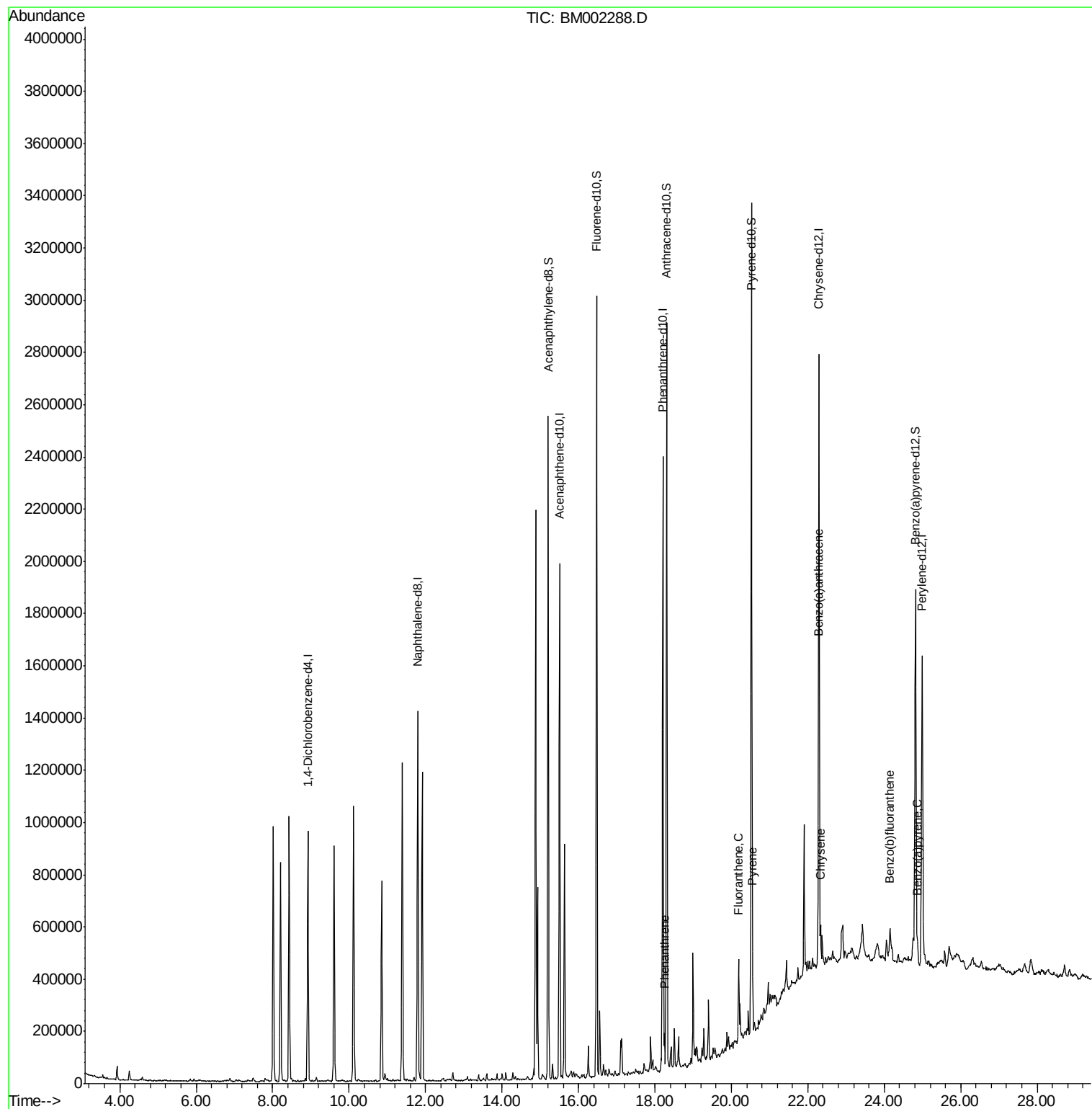
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	266143	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1271576	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	668181	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1333558	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1163035	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	970708	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1827288	26.40	ng/ul	0.00
10) Fluorene-d10	16.47	176	1167997	24.26	ng/ul	0.00
14) Anthracene-d10	18.31	188	1643506	25.40	ng/ul	0.00
18) Pyrene-d10	20.52	212	1571317	27.86	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	1188179	23.05	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.25	178	82164	1.07	ng/ul	Qvalue 98
16) Fluoranthene	20.19	202	185639	2.18	ng/ul	99
19) Pyrene	20.55	202	163790	2.18	ng/ul	99
20) Benzo(a)anthracene	22.27	228	86614	1.22	ng/ul#	95
21) Chrysene	22.33	228	90756	1.35	ng/ul#	93
23) Benzo(b)fluoranthene	24.16	252	116847	1.94	ng/ul#	95
26) Benzo(a)pyrene	24.87	252	73757	1.28	ng/ul#	92

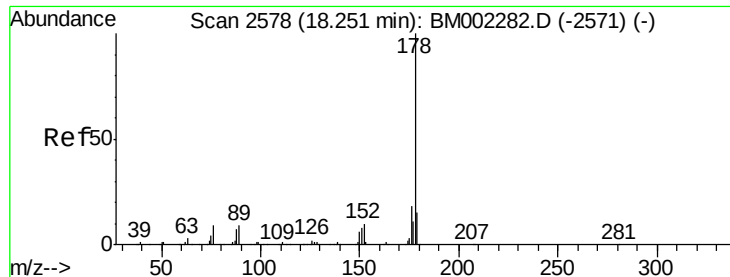
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.07 ng/ul

RT: 18.25 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BM002288.D

Acq: 08 Aug 2015 22:31

Instrument :

BNA_M

ClientSampleId :

D9C61

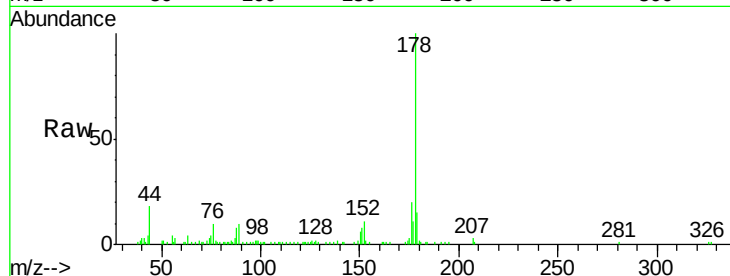
Tgt Ion:178 Resp: 82164

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

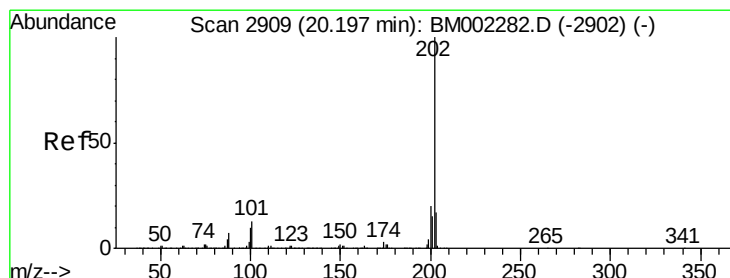
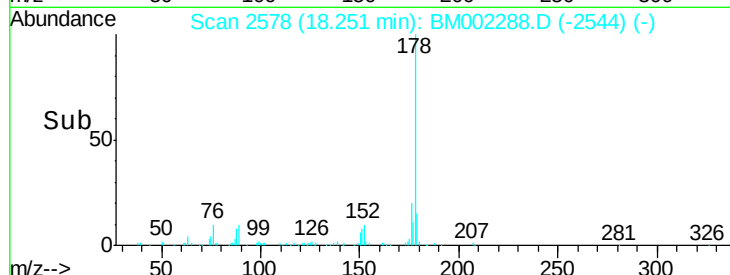
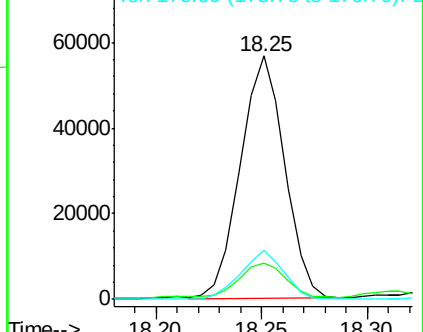
176 20.2 15.3 22.9



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: 2.18 ng/ul

RT: 20.19 min Scan# 2908

Delta R.T. -0.01 min

Lab File: BM002288.D

Acq: 08 Aug 2015 22:31

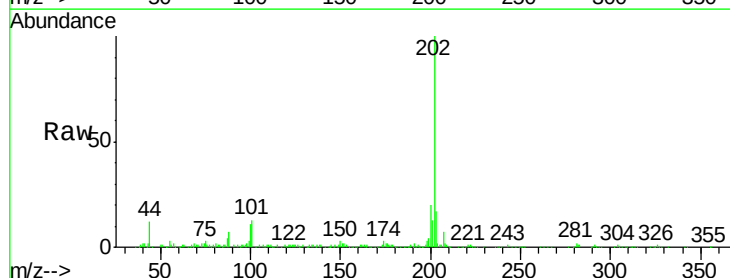
Tgt Ion:202 Resp: 185639

Ion Ratio Lower Upper

202 100

101 13.4 10.6 15.8

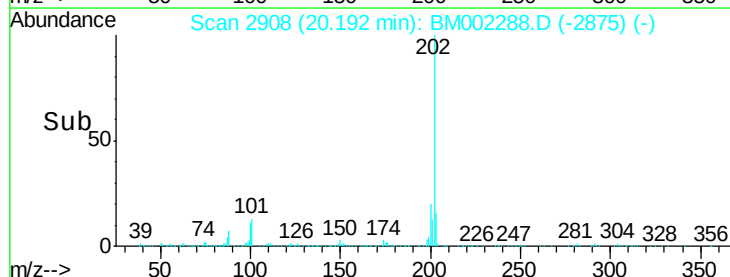
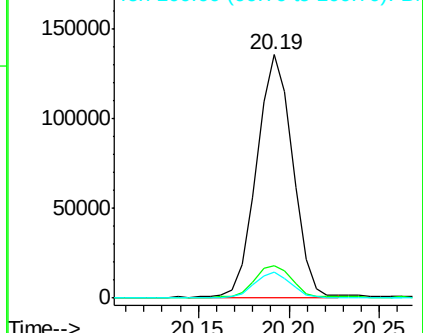
100 10.8 8.2 12.4

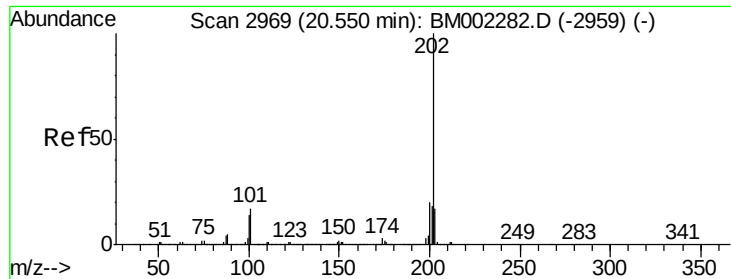


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 2.18 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BM002288.D

Acq: 08 Aug 2015 22:31

Instrument :

BNA_M

ClientSampleId :

D9C61

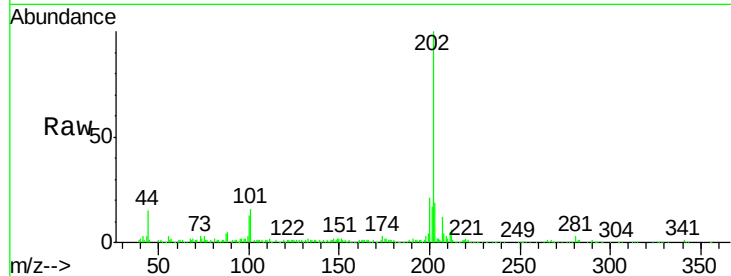
Tgt Ion:202 Resp: 163790

Ion Ratio Lower Upper

202 100

101 16.0 13.0 19.6

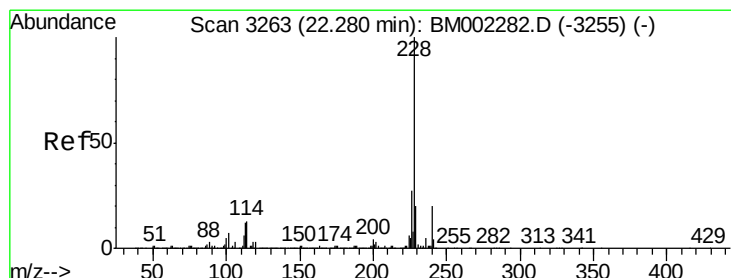
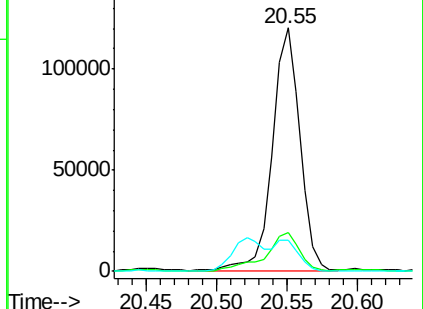
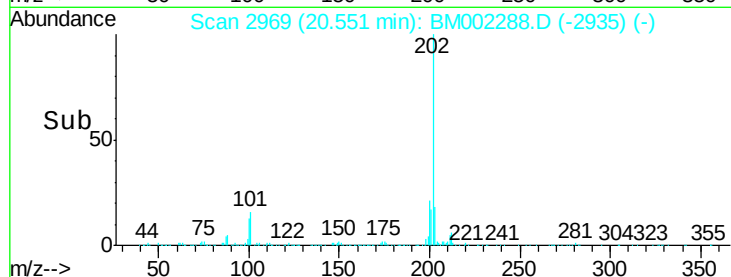
100 13.0 11.0 16.4



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: 1.22 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. -0.01 min

Lab File: BM002288.D

Acq: 08 Aug 2015 22:31

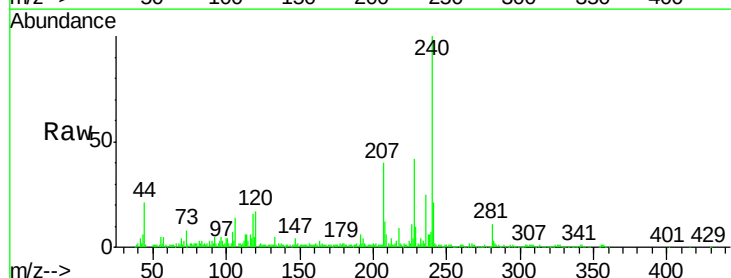
Tgt Ion:228 Resp: 86614

Ion Ratio Lower Upper

228 100

229 24.1 15.7 23.5#

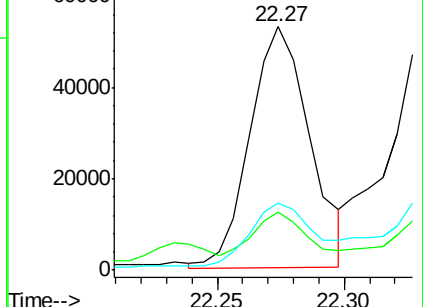
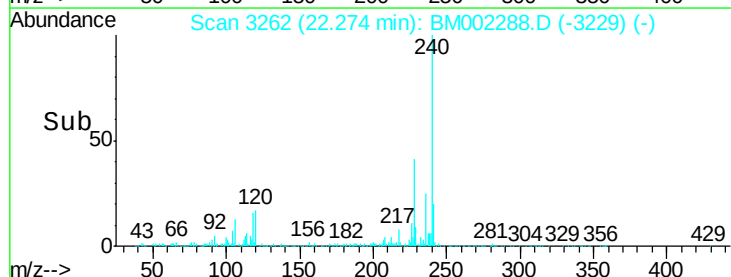
226 27.5 21.4 32.0

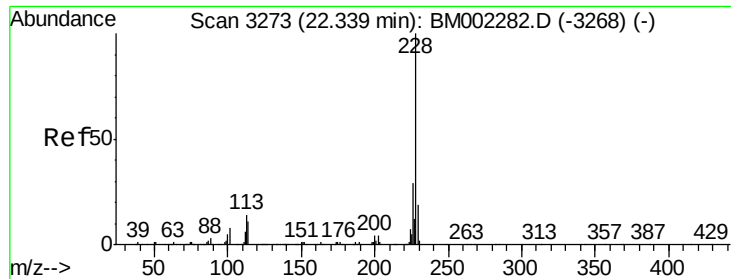


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.35 ng/ul

RT: 22.33 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BM002288.D

Acq: 08 Aug 2015 22:31

Instrument :

BNA_M

ClientSampleId :

D9C61

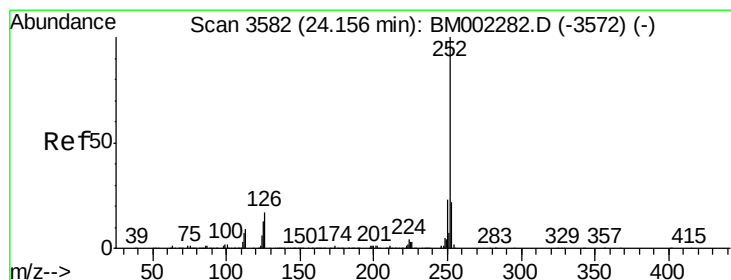
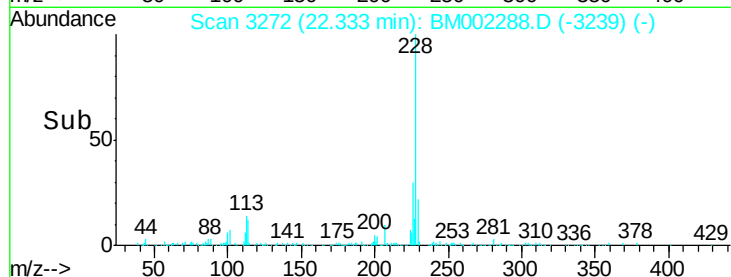
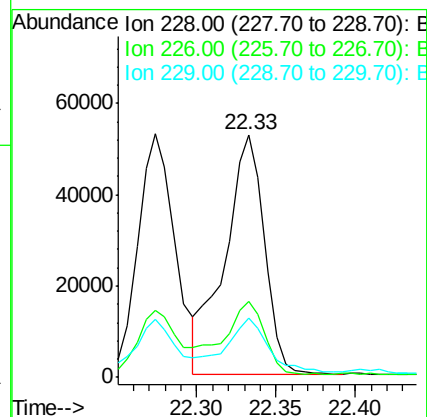
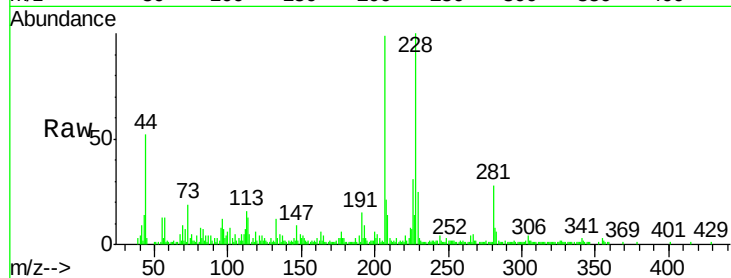
Tgt Ion:228 Resp: 90756

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

229 24.6 15.5 23.3#



#23

Benzo(b)fluoranthene

Concen: 1.94 ng/ul

RT: 24.16 min Scan# 3582

Delta R.T. 0.00 min

Lab File: BM002288.D

Acq: 08 Aug 2015 22:31

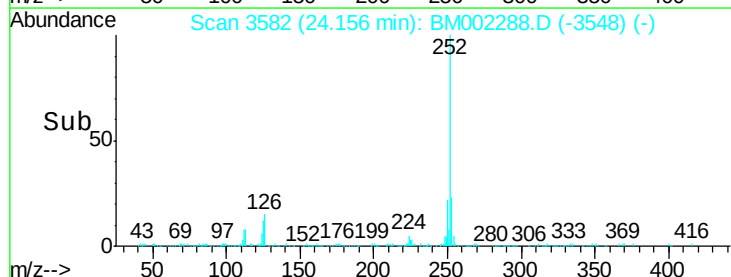
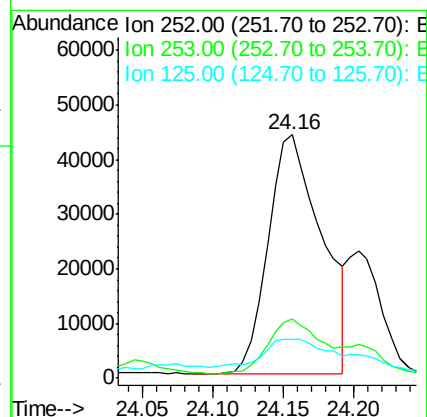
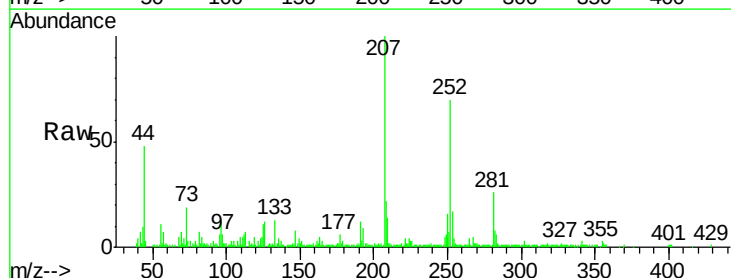
Tgt Ion:252 Resp: 116847

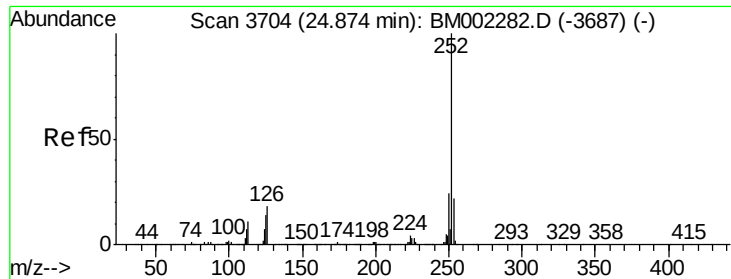
Ion Ratio Lower Upper

252 100

253 24.5 17.9 26.9

125 15.9 10.3 15.5#





#26

Benzo(a)pyrene

Concen: 1.28 ng/ul

RT: 24.87 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BM002288.D

Acq: 08 Aug 2015 22:31

Instrument :

BNA_M

ClientSampleId :

D9C61

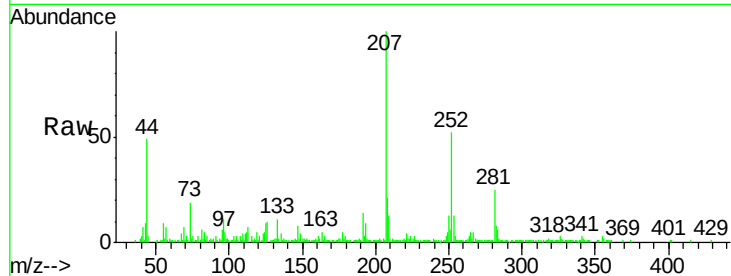
Tgt Ion:252 Resp: 73757

Ion Ratio Lower Upper

252 100

253 25.2 17.3 25.9

125 17.1 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

