

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002289.D
 Acq On : 08 Aug 2015 23:07
 Operator : TP/UM
 Sample : G3161-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C63

Quant Time: Aug 09 06:18:48 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

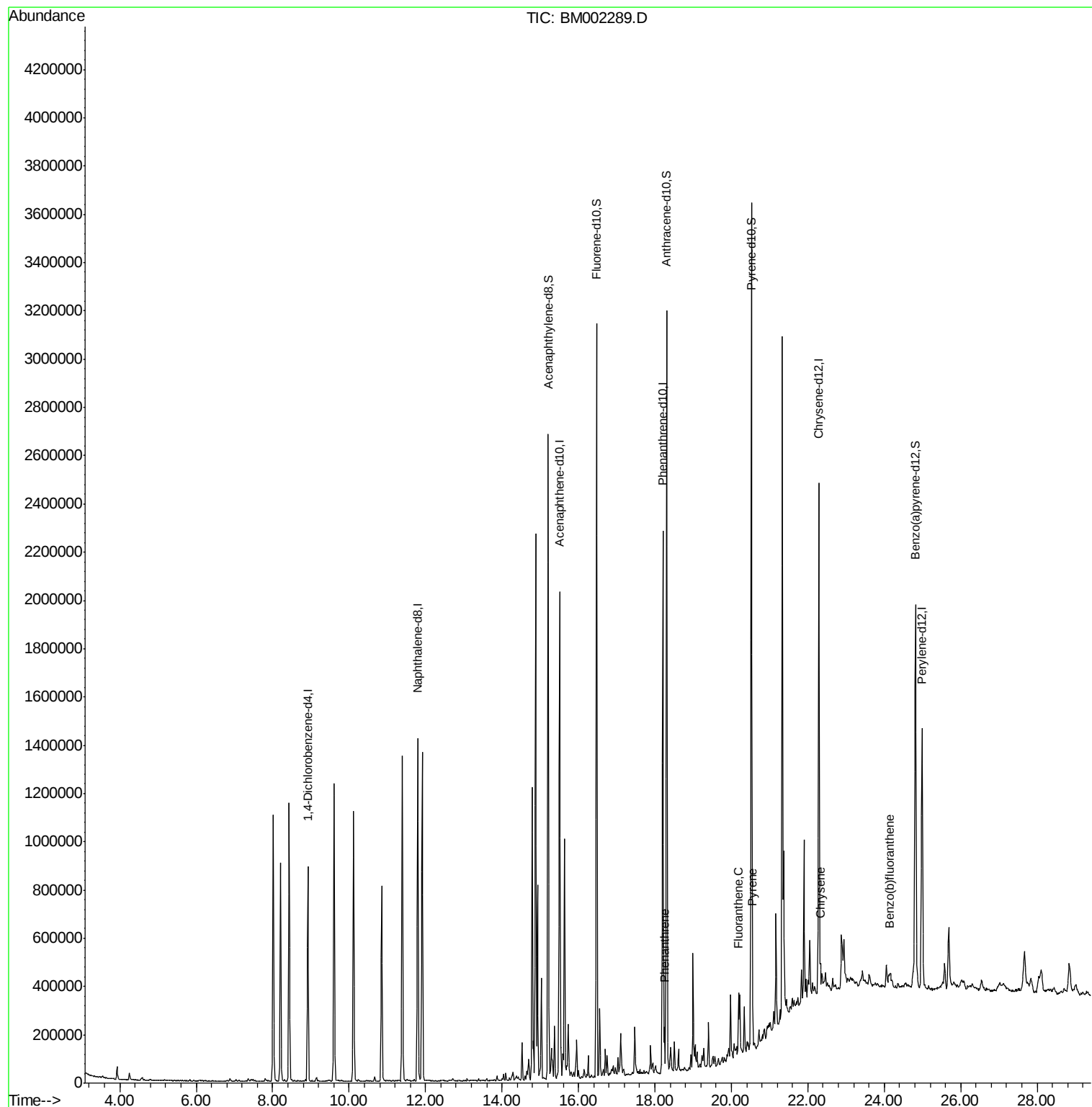
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	245949	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1235705	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	649842	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1288942	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1083413	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	889070	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1970418	29.27	ng/ul	0.00
10) Fluorene-d10	16.47	176	1261023	26.93	ng/ul	0.00
14) Anthracene-d10	18.30	188	1800152	28.78	ng/ul	0.00
18) Pyrene-d10	20.52	212	1738542	33.09	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	1318808	27.94	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.25	178	108417	1.46	ng/ul	Qvalue 100
16) Fluoranthene	20.19	202	151286	1.84	ng/ul	98
19) Pyrene	20.55	202	167226	2.39	ng/ul	98
21) Chrysene	22.33	228	64234	1.02	ng/ul	97
23) Benzo(b)fluoranthene	24.16	252	63280	1.15	ng/ul#	91

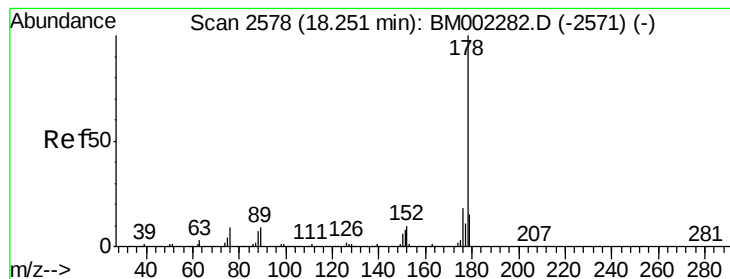
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.46 ng/ul

RT: 18.25 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BM002289.D

Acq: 08 Aug 2015 23:07

Instrument :

BNA_M

ClientSampleId :

D9C63

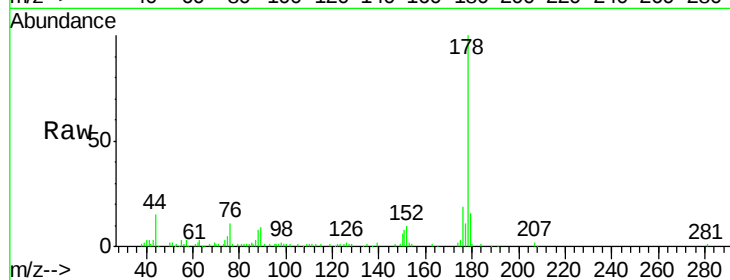
Tgt Ion:178 Resp: 108417

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

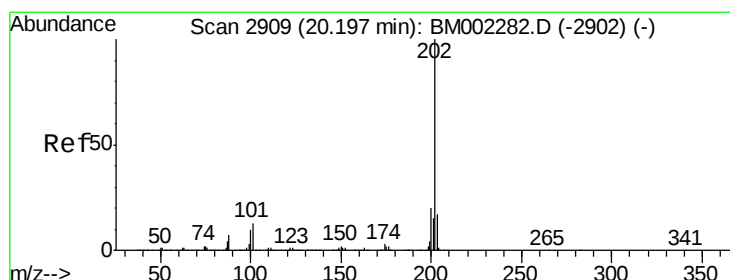
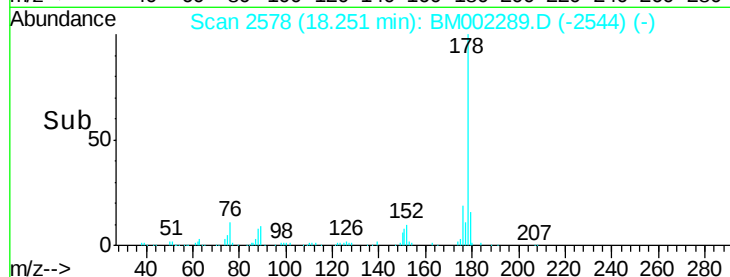
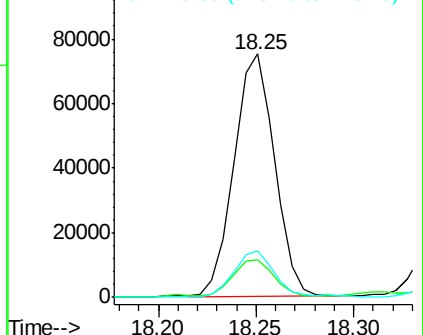
176 18.9 15.3 22.9



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: 1.84 ng/ul

RT: 20.19 min Scan# 2908

Delta R.T. -0.01 min

Lab File: BM002289.D

Acq: 08 Aug 2015 23:07

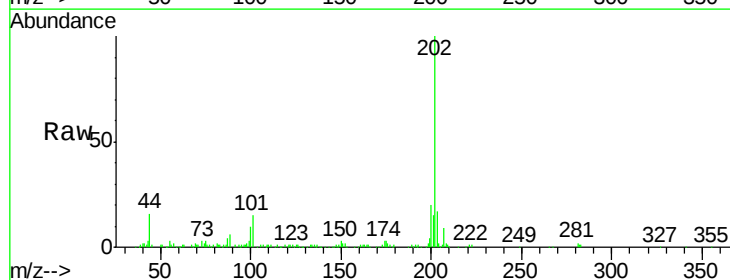
Tgt Ion:202 Resp: 151286

Ion Ratio Lower Upper

202 100

101 14.6 10.6 15.8

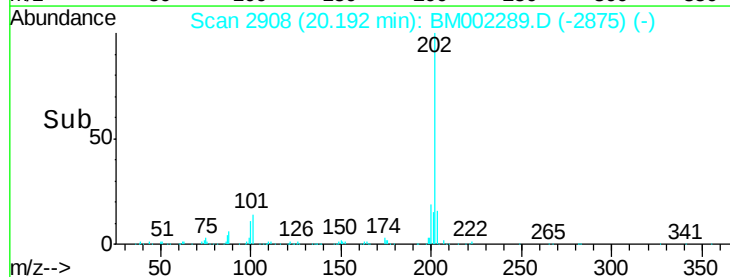
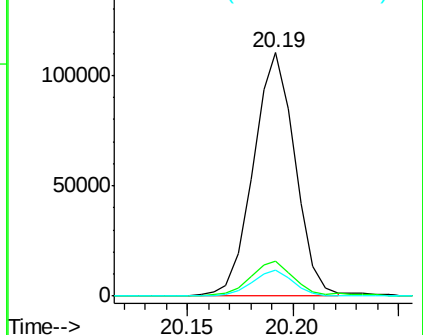
100 10.5 8.2 12.4

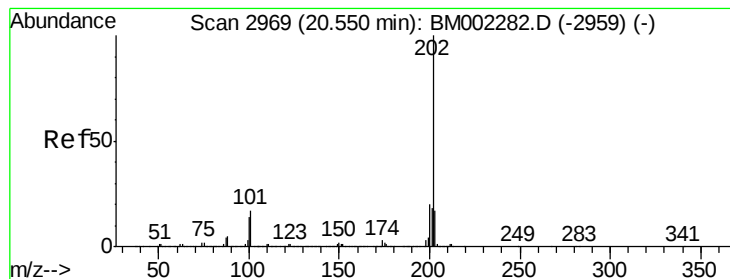


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 2.39 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BM002289.D

Acq: 08 Aug 2015 23:07

Instrument :

BNA_M

ClientSampleId :

D9C63

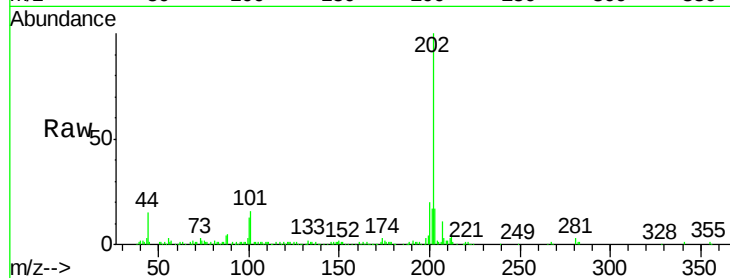
Tgt Ion:202 Resp: 167226

Ion Ratio Lower Upper

202 100

101 15.5 13.0 19.6

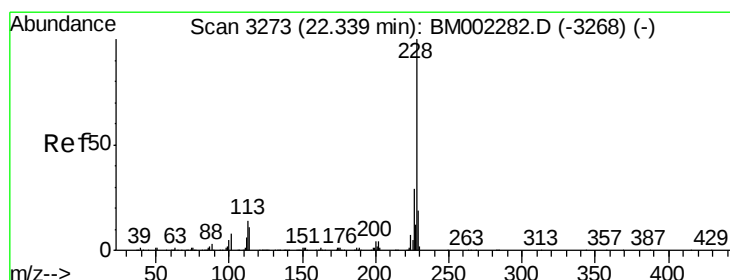
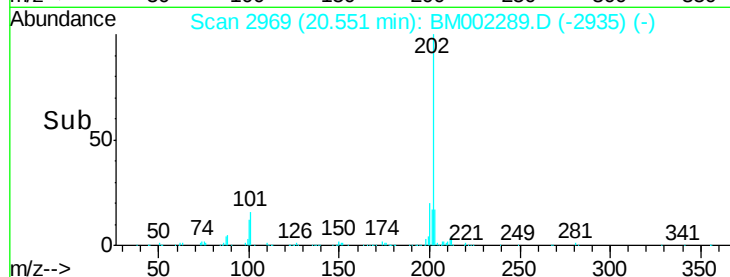
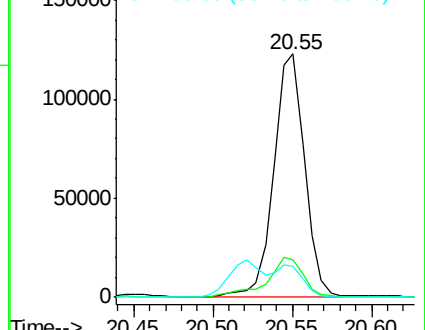
100 12.6 11.0 16.4



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



#21

Chrysene

Concen: 1.02 ng/ul

RT: 22.33 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BM002289.D

Acq: 08 Aug 2015 23:07

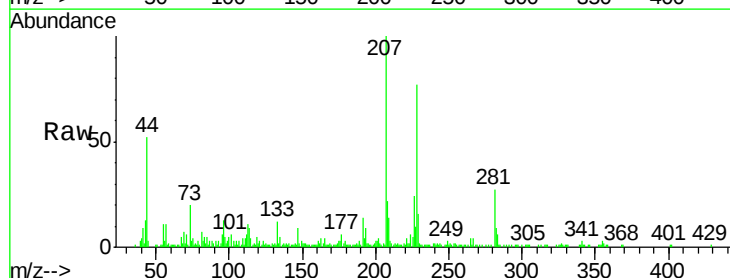
Tgt Ion:228 Resp: 64234

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

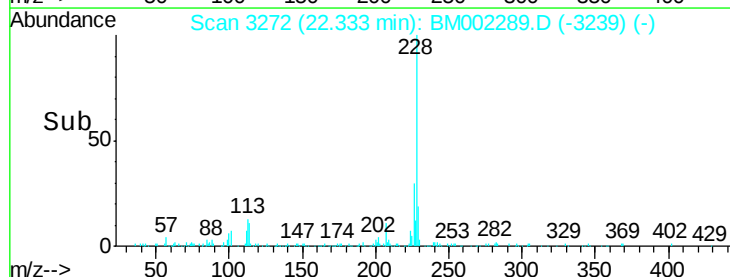
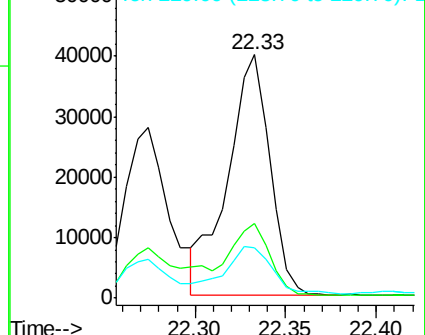
229 20.6 15.5 23.3

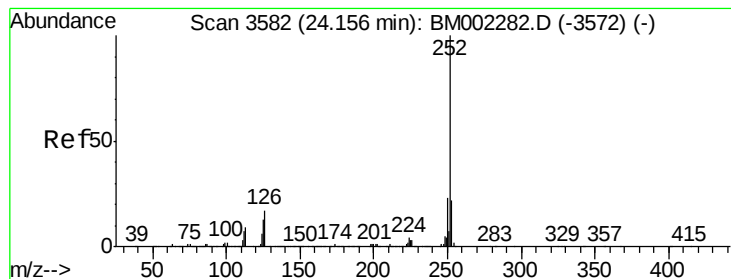


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.15 ng/ul

RT: 24.16 min Scan# 3582

Delta R.T. 0.00 min

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Acq: 08 Aug 2015 23:07

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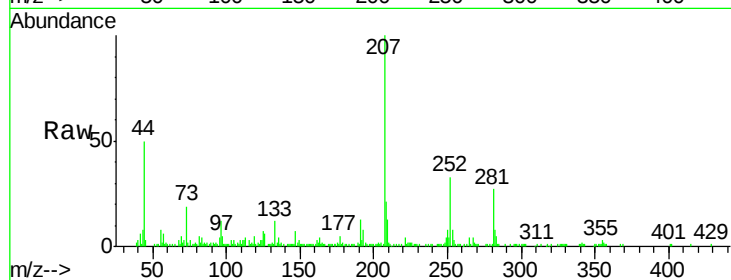
Tgt Ion: 252 Resp: 63280

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 21.2 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

