

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002605.D
 Acq On : 01 Sep 2015 00:53
 Operator : UM/IZ
 Sample : G3457-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EB8

Quant Time: Sep 01 02:04:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 02:00:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	147417	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	660937	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	330014	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	616268	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	442017	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	434635	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	465032	13.78	ng/ul	0.00
10) Fluorene-d10	16.34	176	291081	12.28	ng/ul	0.00
14) Anthracene-d10	18.17	188	387085	13.02	ng/ul	0.00
18) Pyrene-d10	20.40	212	275279	14.05	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	203237	8.90	ng/ul	-0.01

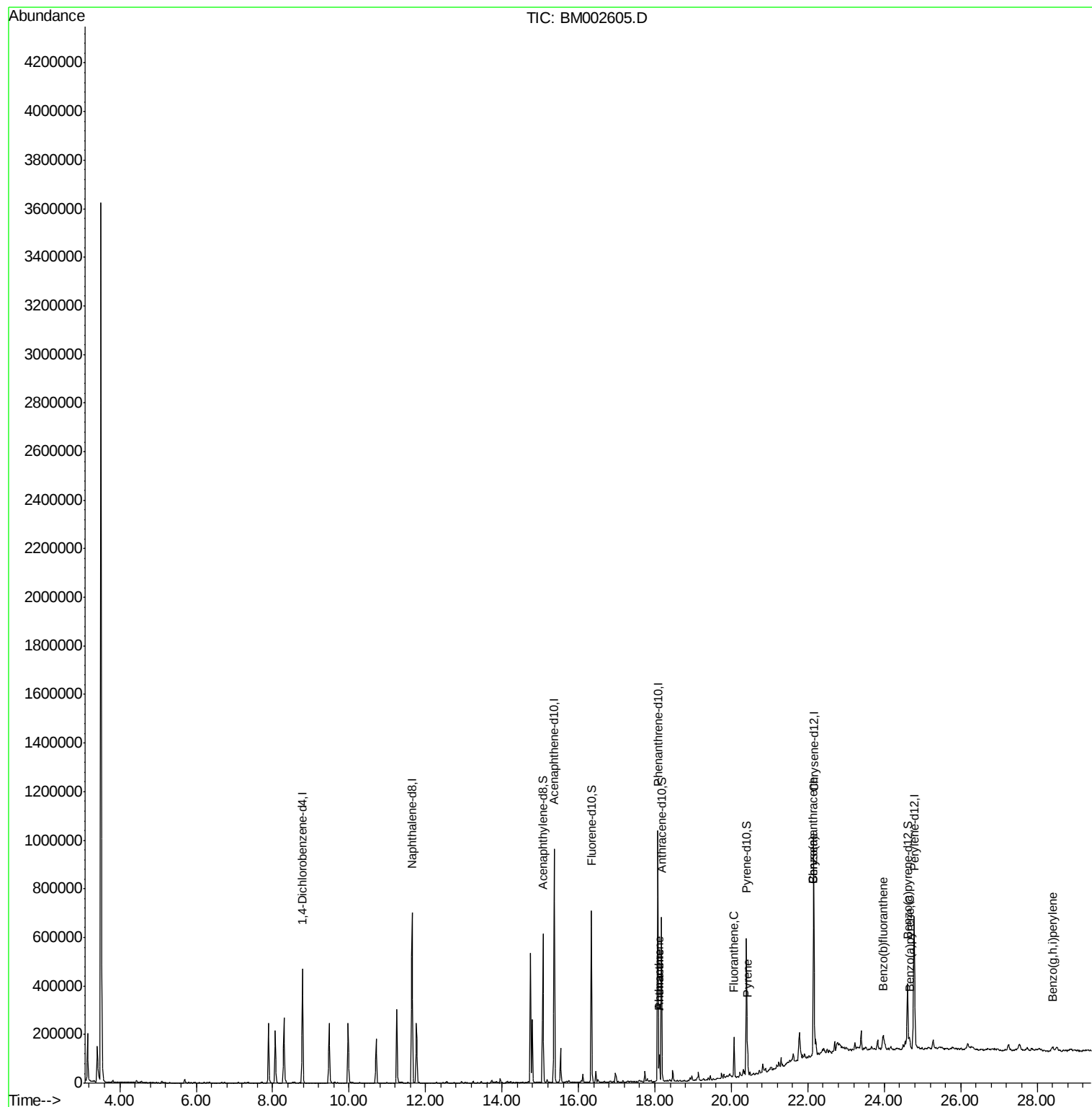
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	68895	1.94	ng/ul	100
15) Anthracene	18.12	178	68895	1.91	ng/ul	98
16) Fluoranthene	20.07	202	95323	2.37	ng/ul	96
19) Pyrene	20.43	202	74143	2.86	ng/ul	100
20) Benzo(a)anthracene	22.14	228	32121	1.22	ng/ul	97
21) Chrysene	22.14	228	32121	1.30	ng/ul	98
23) Benzo(b)fluoranthene	23.97	252	49790	1.89	ng/ul#	95
26) Benzo(a)pyrene	24.66	252	32019	1.28	ng/ul#	89
29) Benzo(g,h,i)perylene	28.41	276	24937	1.04	ng/ul	93

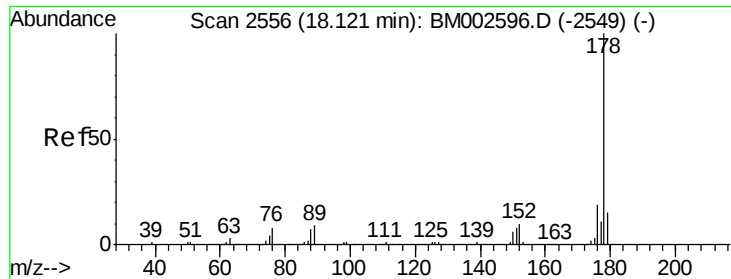
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.94 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM002605.D

Acq: 01 Sep 2015 00:53

Instrument :

BNA_M

ClientSampleId :

D9EB8

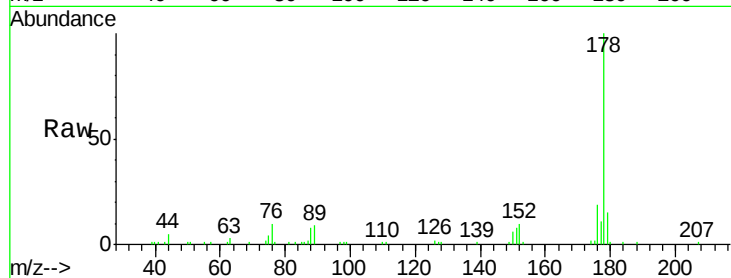
Tgt Ion:178 Resp: 68895

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

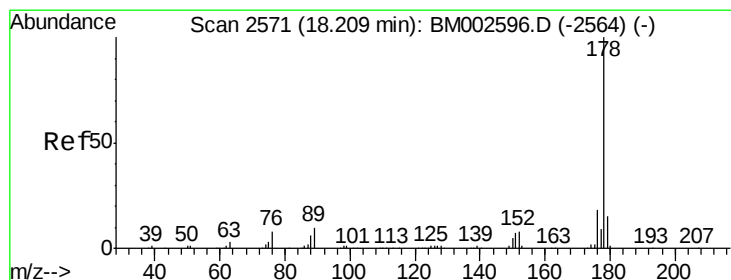
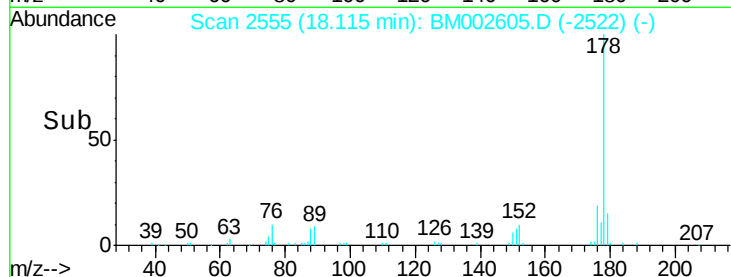
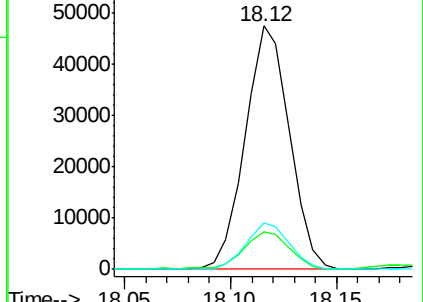
176 19.2 15.1 22.7



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



#15

Anthracene

Concen: 1.91 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.09 min

Lab File: BM002605.D

Acq: 01 Sep 2015 00:53

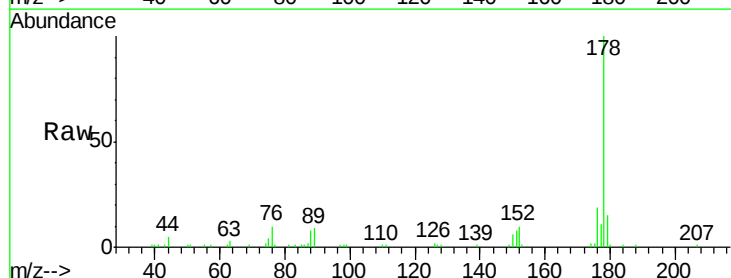
Tgt Ion:178 Resp: 68895

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

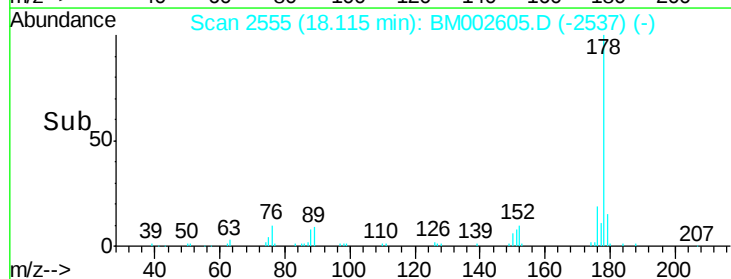
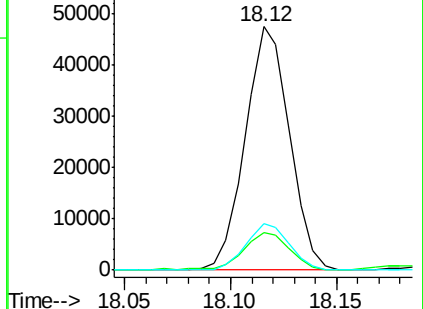
176 19.2 14.5 21.7

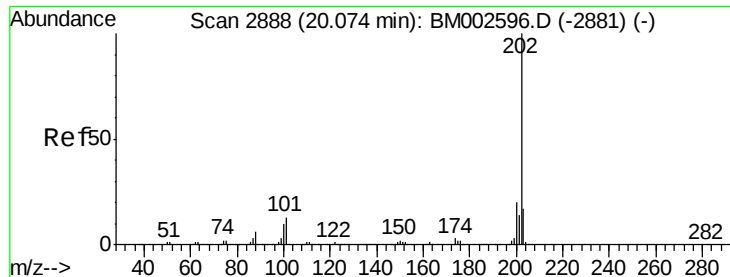


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 2.37 ng/ul

RT: 20.07 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM002605.D

Acq: 01 Sep 2015 00:53

Instrument :

BNA_M

ClientSampleId :

D9EB8

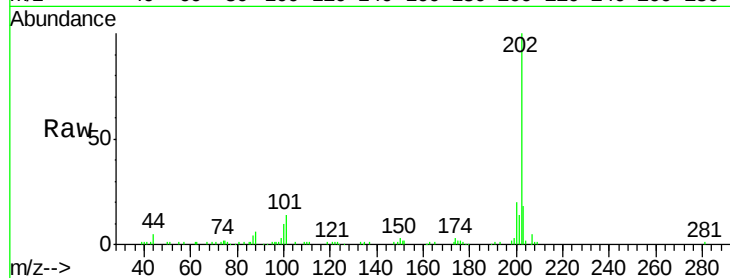
Tgt Ion:202 Resp: 95323

Ion Ratio Lower Upper

202 100

101 13.7 9.7 14.5

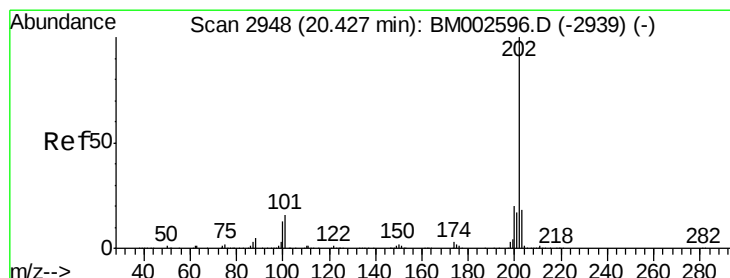
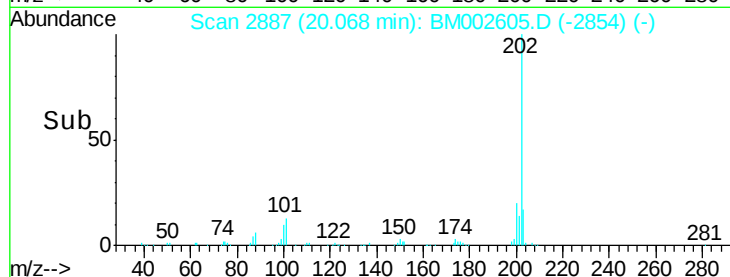
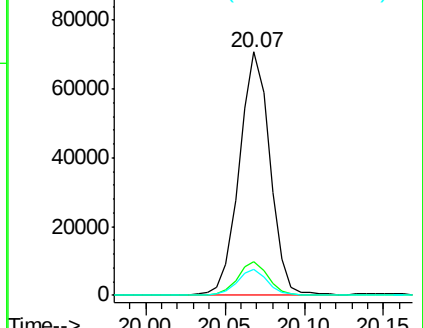
100 10.5 7.4 11.2



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: 2.86 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BM002605.D

Acq: 01 Sep 2015 00:53

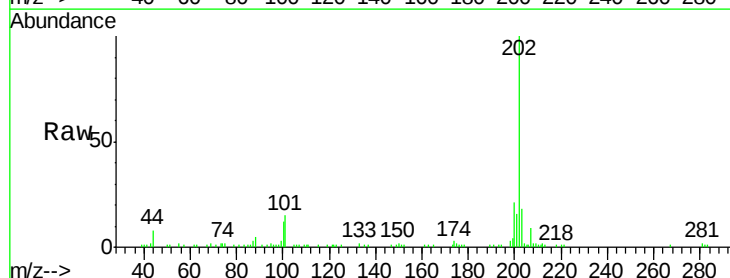
Tgt Ion:202 Resp: 74143

Ion Ratio Lower Upper

202 100

101 14.8 12.0 18.0

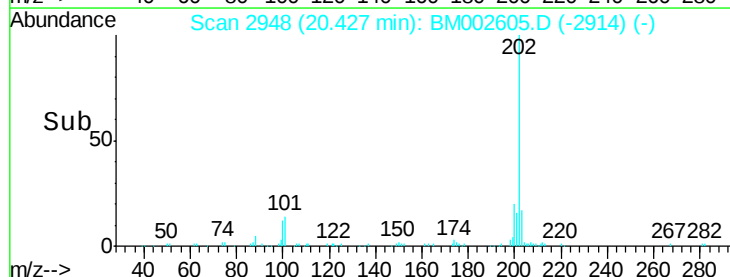
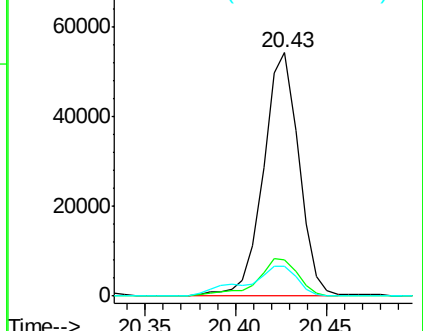
100 12.0 9.7 14.5

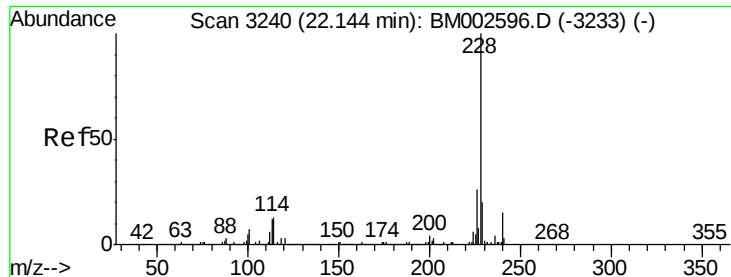


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

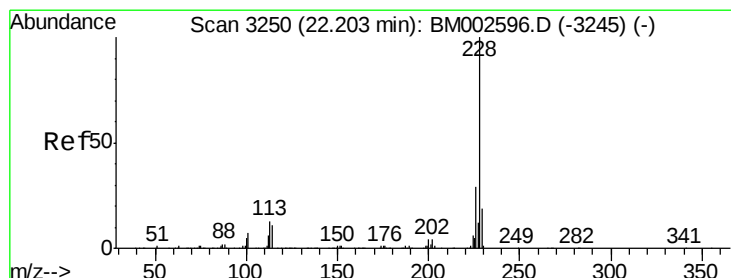
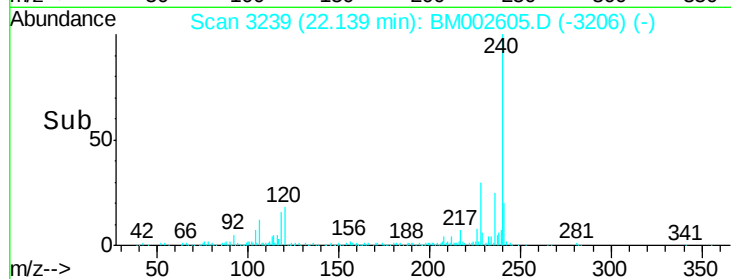
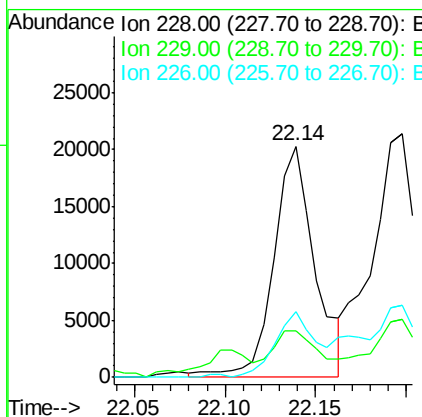
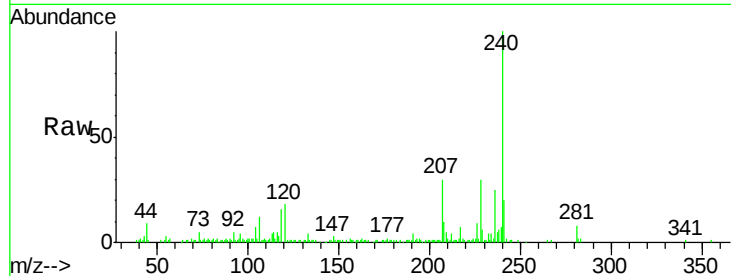




#20
Benzo(a)anthracene
Concen: 1.22 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002605.D
Acq: 01 Sep 2015 00:53

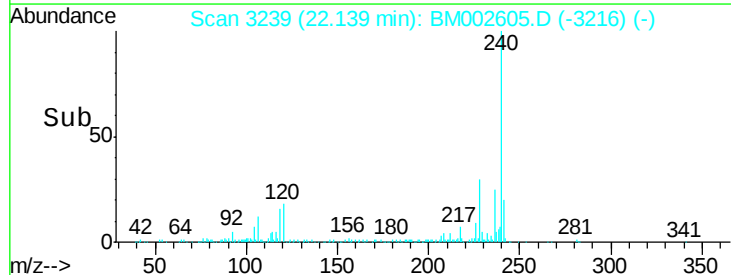
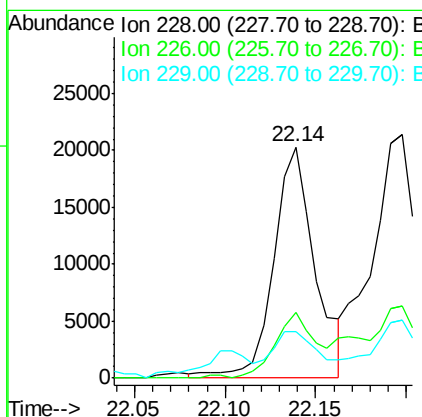
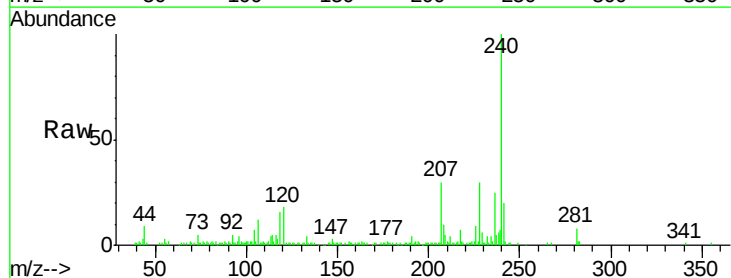
Instrument :
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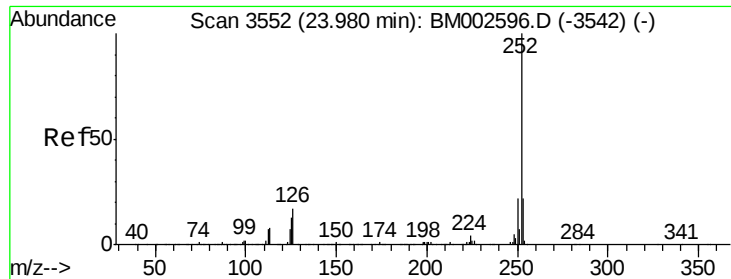
Tgt Ion:228 Resp: 32121
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 28.5 21.1 31.7



#21
Chrysene
Concen: 1.30 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.06 min
Lab File: BM002605.D
Acq: 01 Sep 2015 00:53

Tgt Ion:228 Resp: 32121
Ion Ratio Lower Upper
228 100
226 28.5 23.4 35.2
229 20.3 15.7 23.5





#23

Benzo(b)fluoranthene

Concen: 1.89 ng/ul

RT: 23.97 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BM002605.D

Acq: 01 Sep 2015 00:53

Instrument :

BNA_M

ClientSampleId :

D9EB8

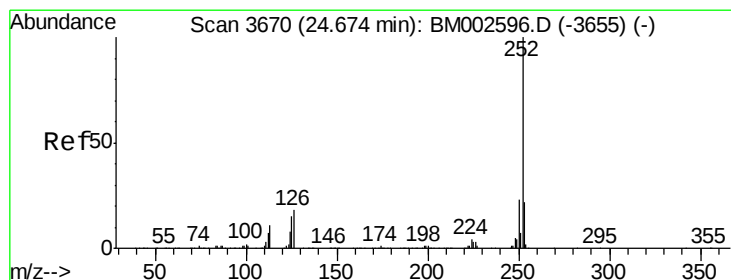
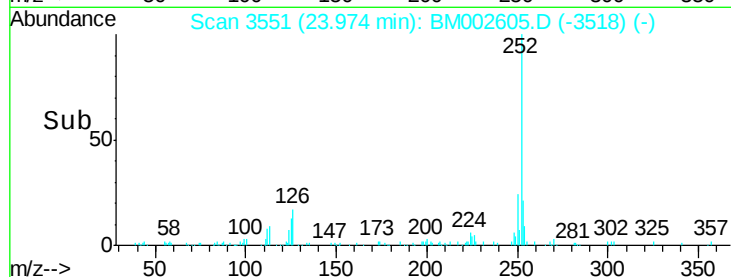
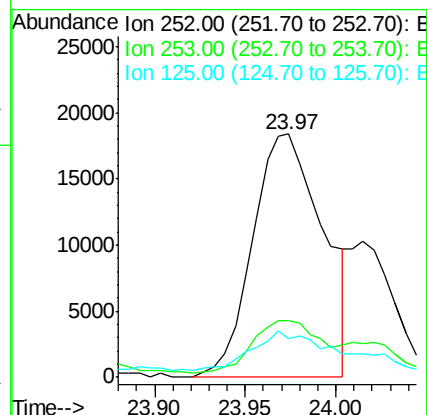
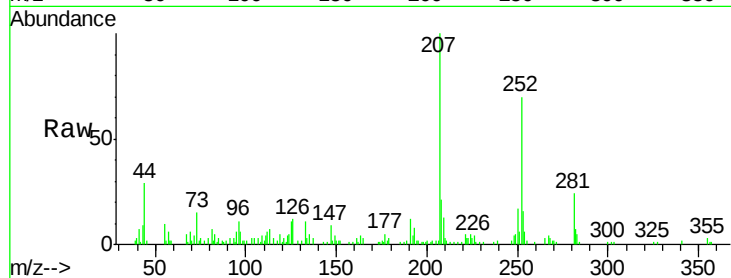
Tgt Ion:252 Resp: 49790

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 15.7 10.0 15.0#



#26

Benzo(a)pyrene

Concen: 1.28 ng/ul

RT: 24.66 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BM002605.D

Acq: 01 Sep 2015 00:53

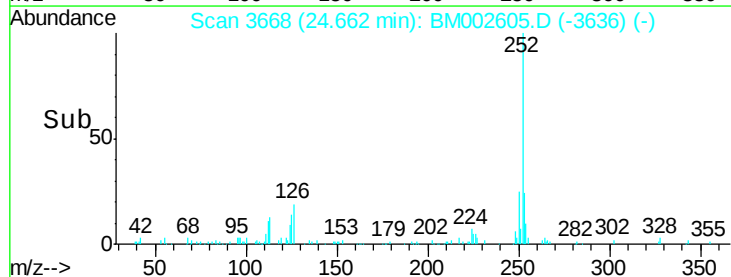
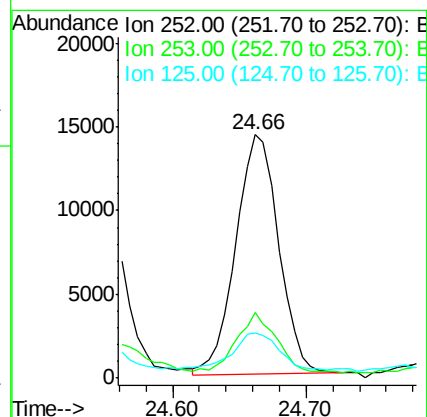
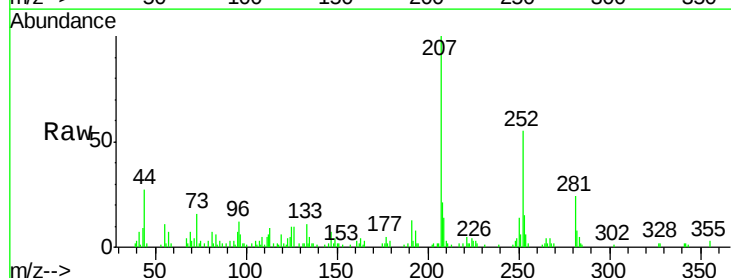
Tgt Ion:252 Resp: 32019

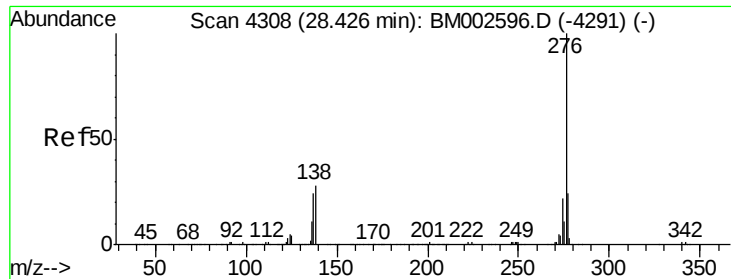
Ion Ratio Lower Upper

252 100

253 26.9 17.6 26.4#

125 18.5 10.7 16.1#





#29

Benzo(g,h,i)perylene

Concen: 1.04 ng/ul

RT: 28.41 min Scan# 4305

Delta R.T. -0.02 min

Lab File: BM002605.D

Acq: 01 Sep 2015 00:53

Instrument :

BNA_M

ClientSampleId :

D9EB8

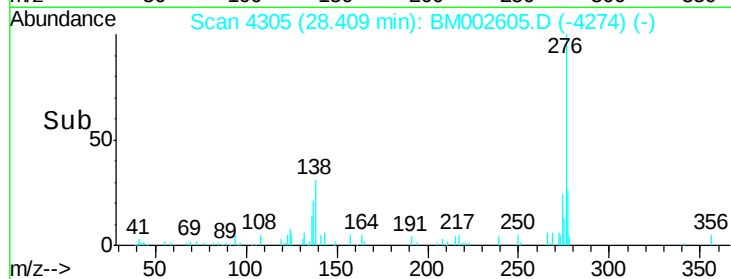
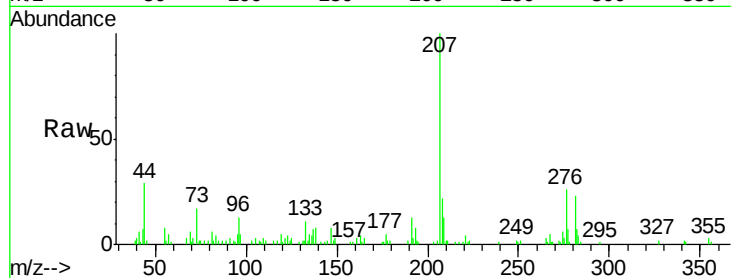
Tgt Ion: 276 Resp: 24937

Ion Ratio Lower Upper

276 100

138 31.0 21.0 31.6

277 25.8 19.2 28.8



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

