

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002604.D
 Acq On : 01 Sep 2015 00:16
 Operator : UM/IZ
 Sample : G3456-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA2

Quant Time: Sep 01 02:03:58 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	137728	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	616445	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	305962	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	579185	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	430726	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	421540	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	304940	9.75	ng/ul	0.00
10) Fluorene-d10	16.34	176	200090	9.11	ng/ul	0.00
14) Anthracene-d10	18.17	188	263891	9.45	ng/ul	0.00
18) Pyrene-d10	20.40	212	217892	11.41	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	181368	8.19	ng/ul	-0.01

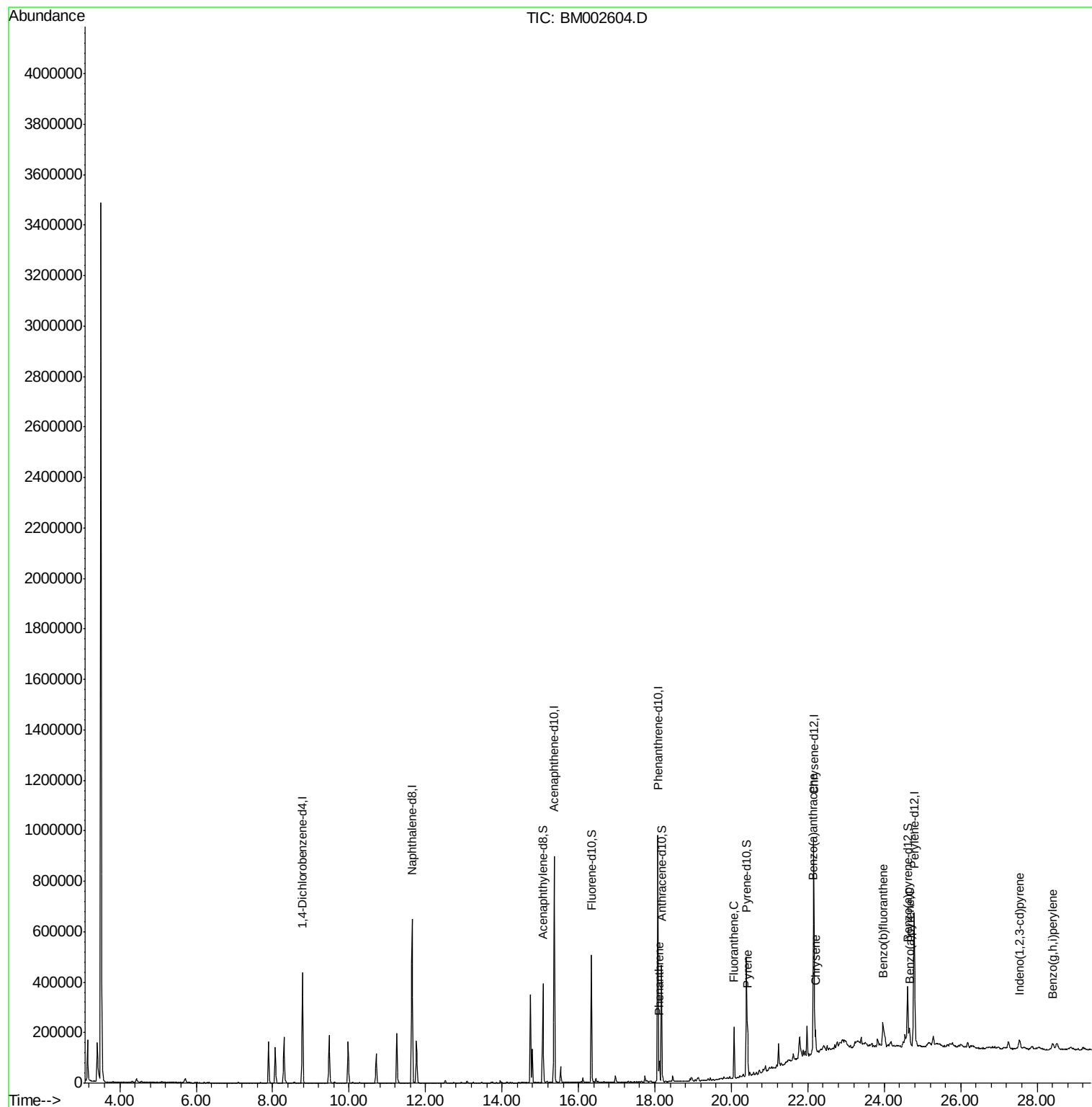
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	55029	1.65	ng/ul	98
16) Fluoranthene	20.07	202	119991	3.17	ng/ul	97
19) Pyrene	20.43	202	98024	3.88	ng/ul	98
20) Benzo(a)anthracene	22.14	228	49035	1.90	ng/ul	97
21) Chrysene	22.20	228	49625	2.06	ng/ul	98
23) Benzo(b)fluoranthene	23.97	252	73373	2.88	ng/ul#	95
26) Benzo(a)pyrene	24.67	252	45830	1.88	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.54	276	36333	1.30	ng/ul	96
29) Benzo(g,h,i)perylene	28.40	276	30850	1.32	ng/ul	96

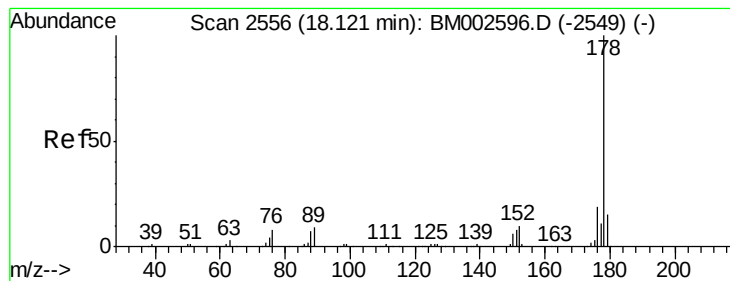
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.65 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM002604.D

Acq: 01 Sep 2015 00:16

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BNA_M

ClientSampleId :

D9EA2

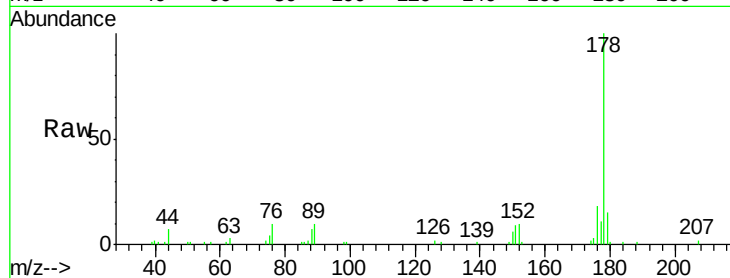
Tgt Ion:178 Resp: 55029

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

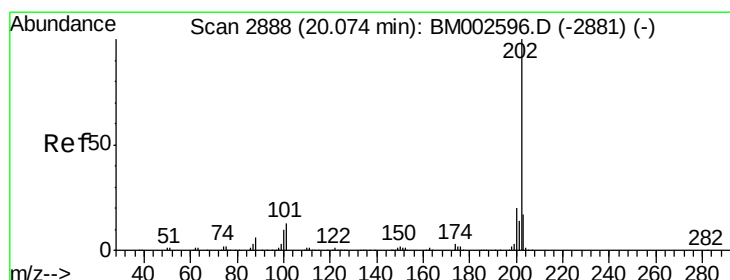
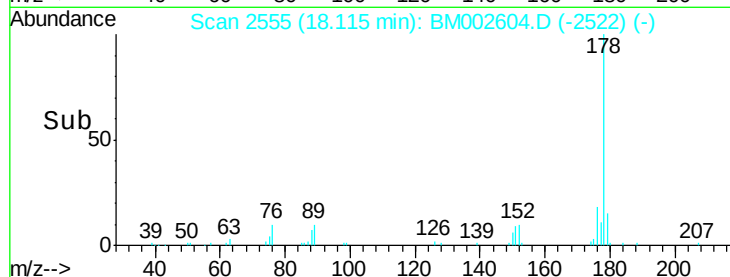
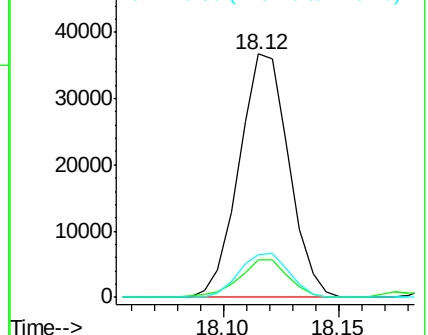
176 17.7 15.1 22.7



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



#16

Fluoranthene

Concen: 3.17 ng/ul

RT: 20.07 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM002604.D

Acq: 01 Sep 2015 00:16

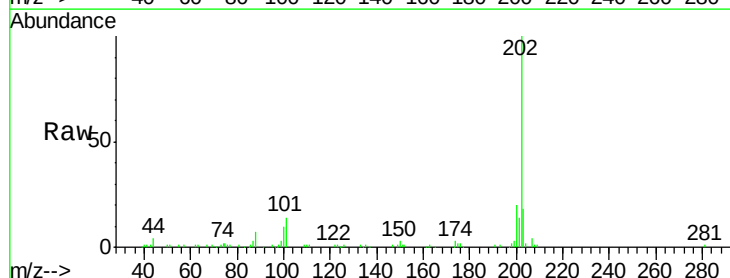
Tgt Ion:202 Resp: 119991

Ion Ratio Lower Upper

202 100

101 13.6 9.7 14.5

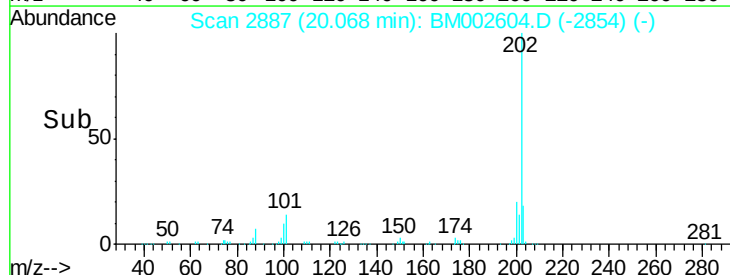
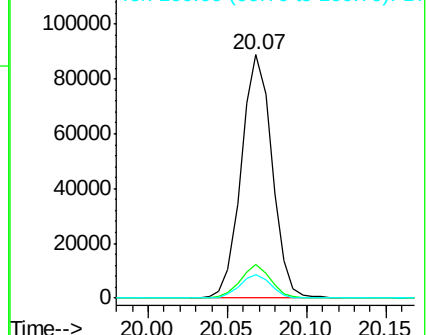
100 9.9 7.4 11.2

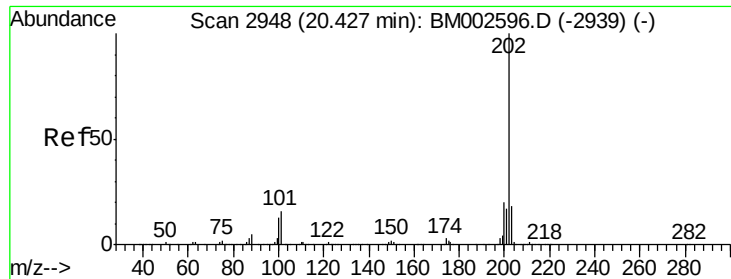


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 3.88 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BM002604.D

Acq: 01 Sep 2015 00:16

Instrument :

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ClientSampleId :

D9EA2

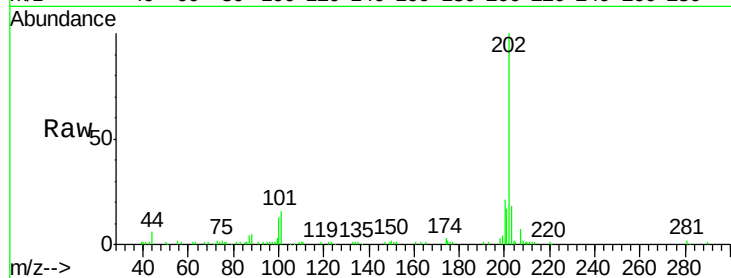
Tgt Ion:202 Resp: 98024

Ion Ratio Lower Upper

202 100

101 15.5 12.0 18.0

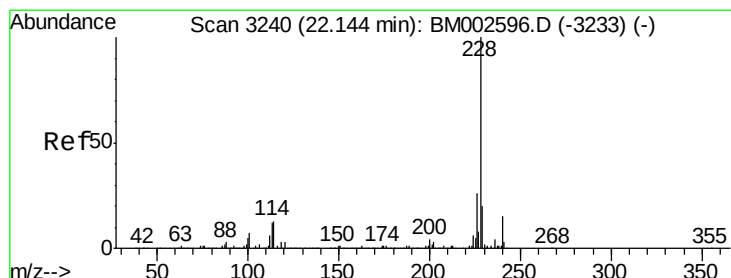
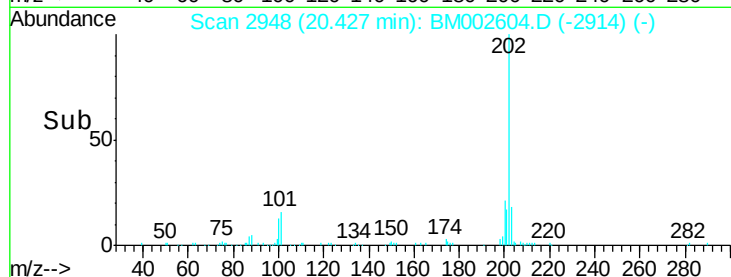
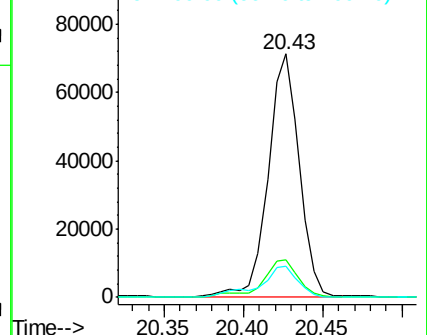
100 12.9 9.7 14.5



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: 1.90 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM002604.D

Acq: 01 Sep 2015 00:16

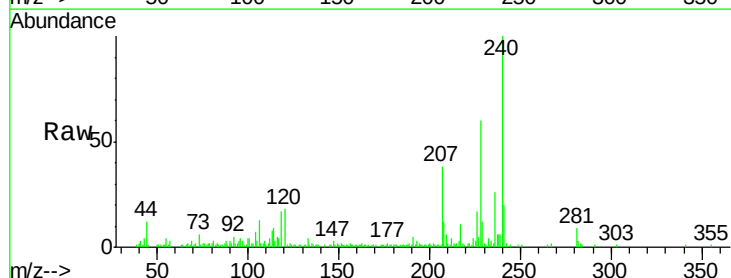
Tgt Ion:228 Resp: 49035

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.6

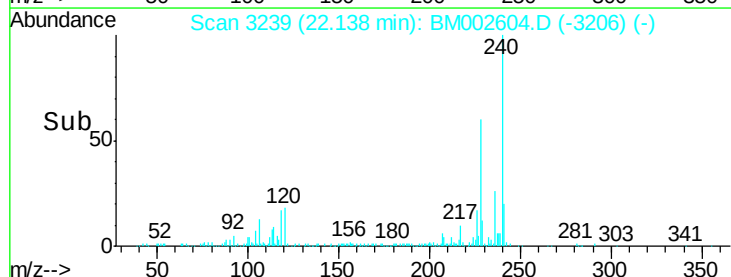
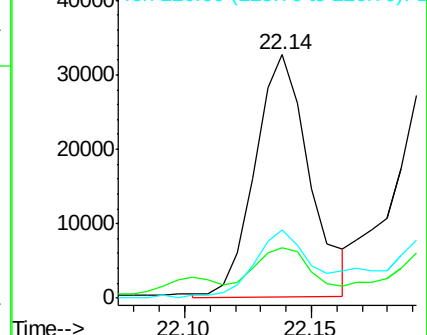
226 28.3 21.1 31.7

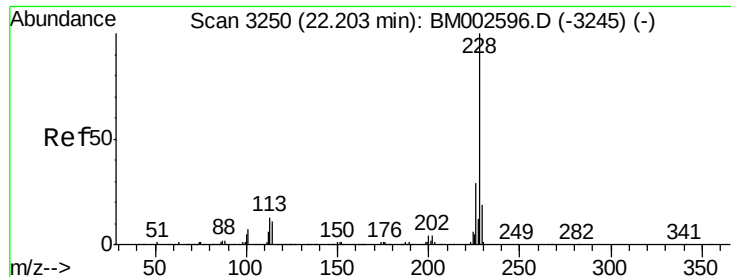


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.06 ng/ul

RT: 22.20 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BM002604.D

Acq: 01 Sep 2015 00:16

Instrument :

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ClientSampleId :

D9EA2

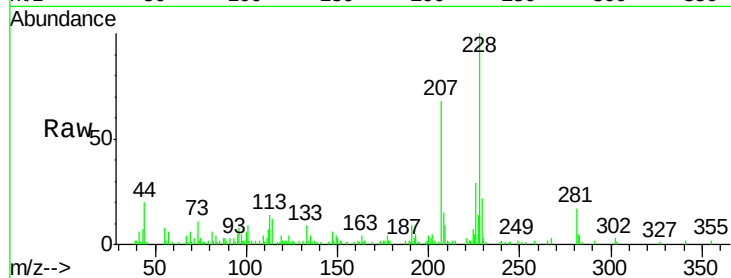
Tgt Ion: 228 Resp: 49625

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

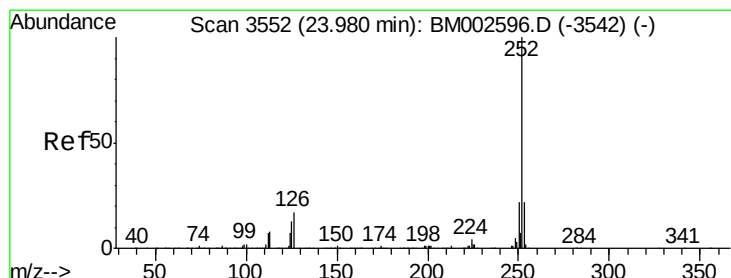
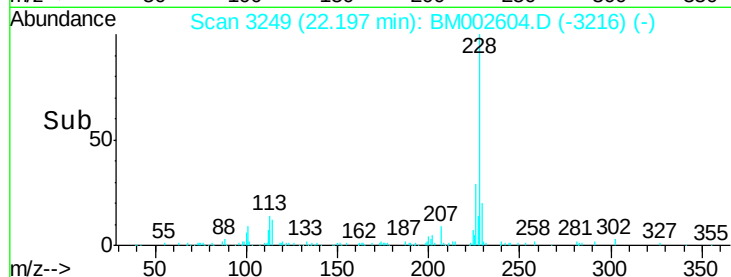
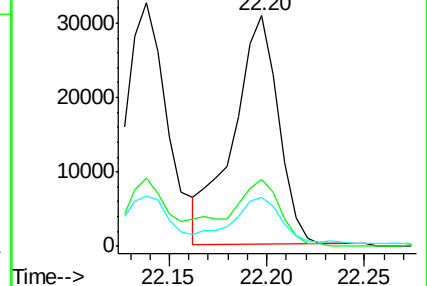
229 21.5 15.7 23.5



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: 2.88 ng/ul

RT: 23.97 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BM002604.D

Acq: 01 Sep 2015 00:16

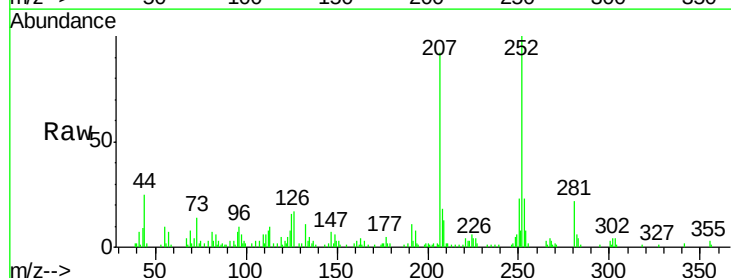
Tgt Ion: 252 Resp: 73373

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

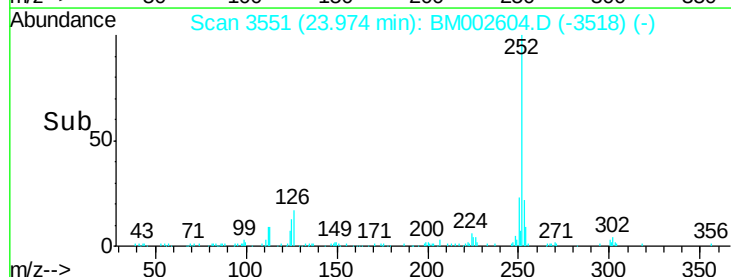
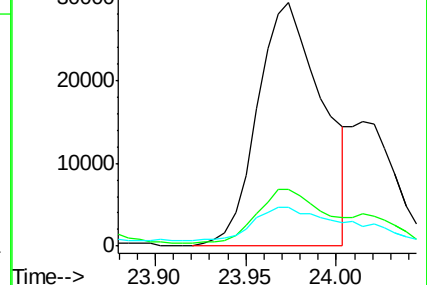
125 16.2 10.0 15.0#

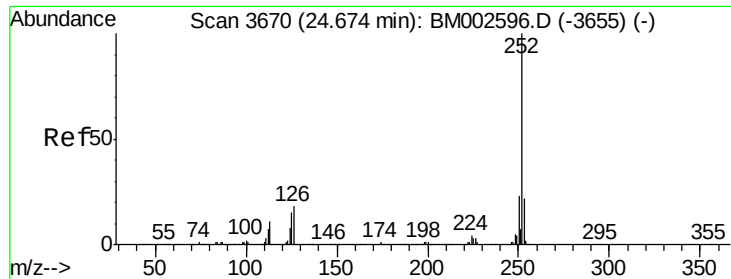


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

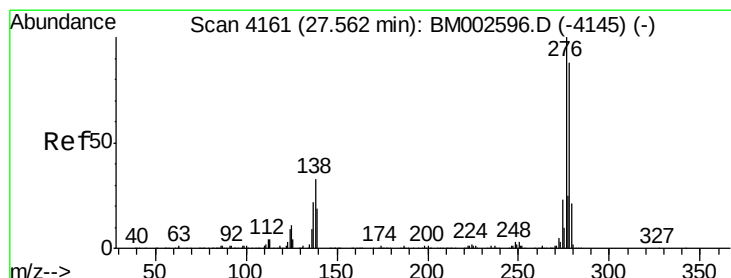
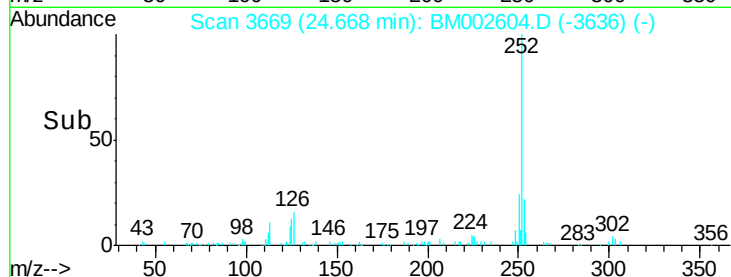
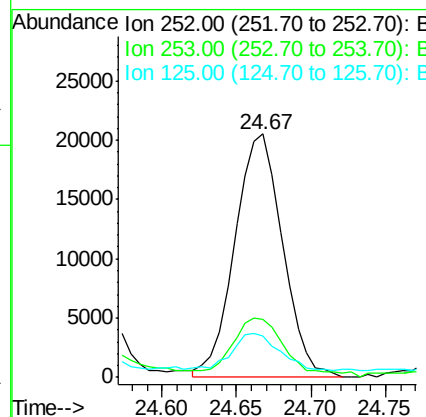
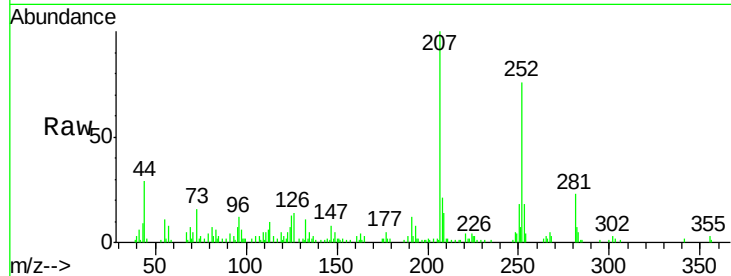




#26
Benzo(a)pyrene
Concen: 1.88 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

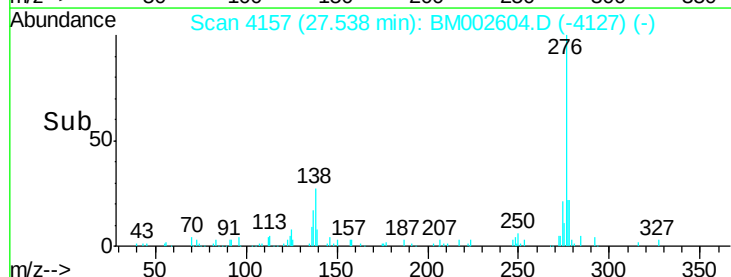
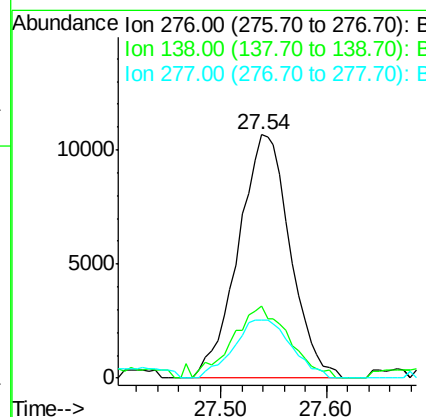
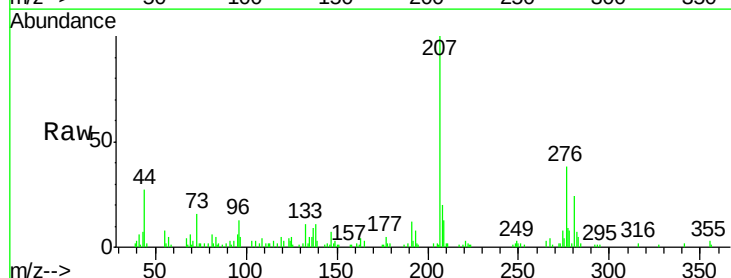
Instrument :
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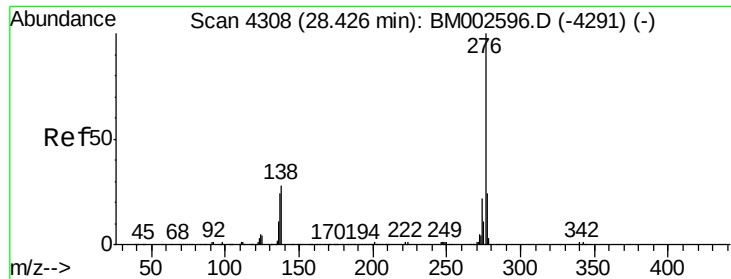
Tgt Ion: 252 Resp: 45830
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 16.9 10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.30 ng/ul
RT: 27.54 min Scan# 4157
Delta R.T. -0.02 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

Tgt Ion: 276 Resp: 36333
Ion Ratio Lower Upper
276 100
138 29.4 25.3 37.9
277 23.7 20.2 30.2





#29

Benzo(g,h,i)perylene

Concen: 1.32 ng/ul

RT: 28.40 min Scan# 4304

Delta R.T. -0.02 min

Lab File: BM002604.D

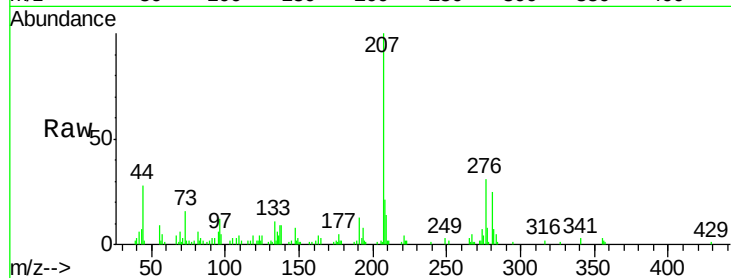
Acq: 01 Sep 2015 00:16

Instrument :

BNA_M

ClientSampleId :

D9EA2



Tgt Ion:	276	Resp:	30850
Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.0	31.6
277	25.3	19.2	28.8

