

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002356.D
 Acq On : 12 Aug 2015 12:09
 Operator : UM/IZ
 Sample : G3163-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C89

Manual Integrations
 APPROVED

MOHAMMAD
 8/13/2015 8:32:39 AM

Quant Time: Aug 12 17:49:12 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 17:25:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	211930	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	978911	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	523469	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1018920	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	723800	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	654103	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1297387	23.92	ng/ul	0.00
10) Fluorene-d10	16.45	176	853854	22.64	ng/ul	0.00
14) Anthracene-d10	18.29	188	1169745	23.66	ng/ul	0.00
18) Pyrene-d10	20.51	212	1004259	28.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	779948	22.46	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	18.23	178	97726	1.67	ng/ul	99
16) Fluoranthene	20.18	202	180414	2.78	ng/ul	98
19) Pyrene	20.54	202	157777	3.37	ng/ul	96
20) Benzo(a)anthracene	22.26	228	80786	1.83	ng/ul	95
21) Chrysene	22.32	228	89530m	2.14	ng/ul	
23) Benzo(b)fluoranthene	24.14	252	119942	2.95	ng/ul#	90
26) Benzo(a)pyrene	24.86	252	72830	1.87	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	27.81	276	58390	1.31	ng/ul	94
29) Benzo(g,h,i)perylene	28.70	276	72131	1.92	ng/ul#	93

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

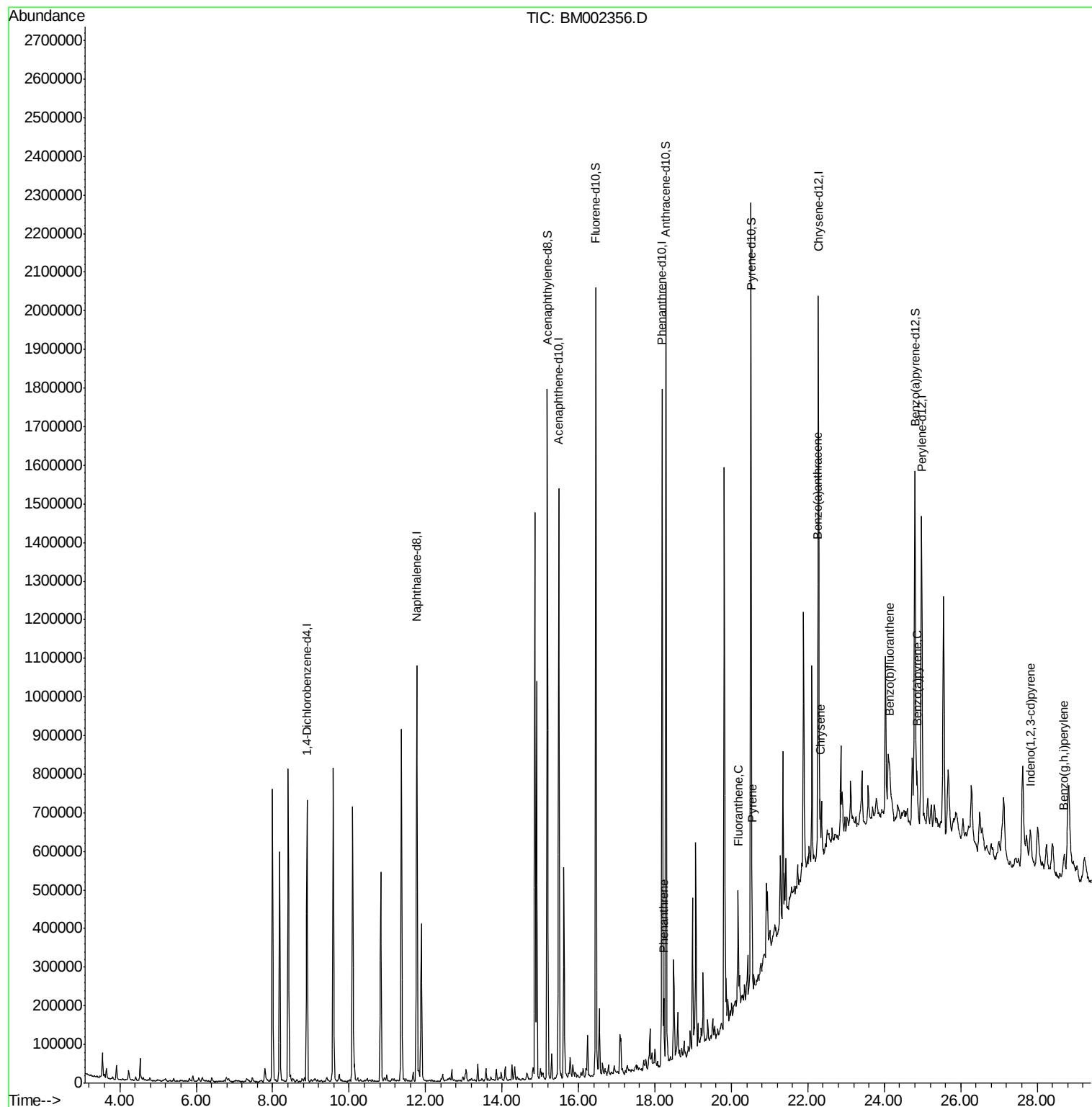
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
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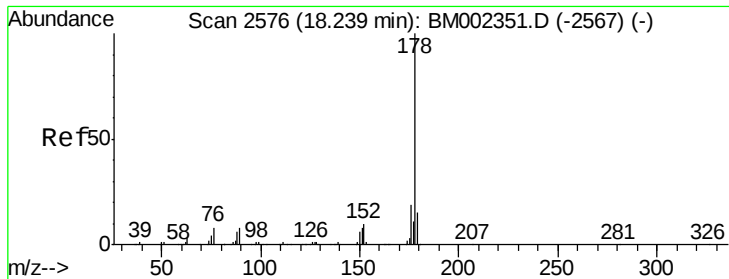
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#13

Phenanthrene

Concen: 1.67 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Instrument :

BNA_M

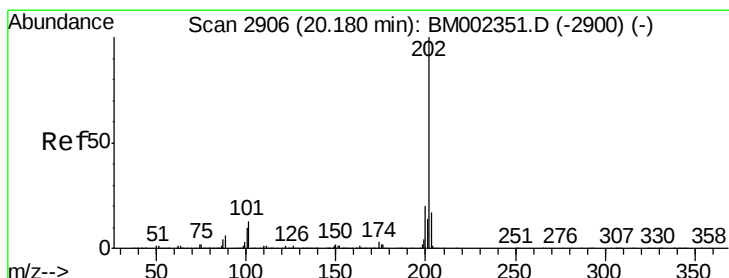
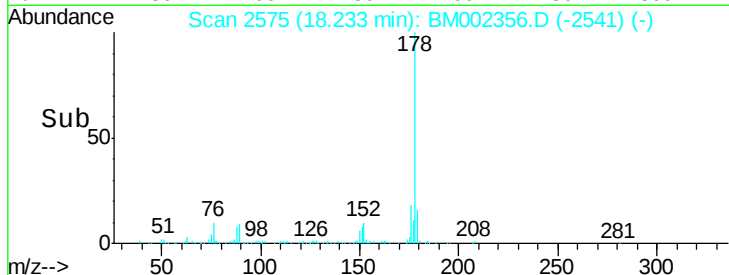
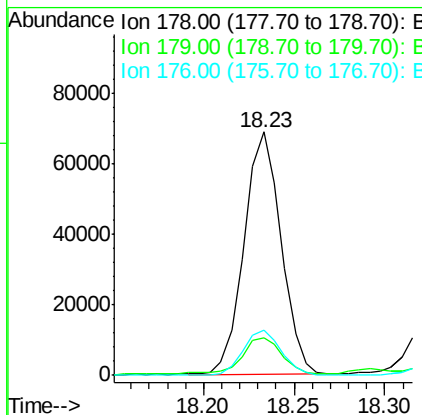
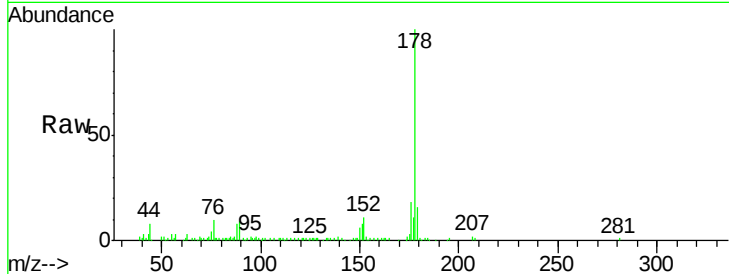
ClientSampleId :

D9C89

Tot Ion:	178	Resp:	97726
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	18.4	15.3	22.9

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#16

Fluoranthene

Concen: 2.78 ng/ul

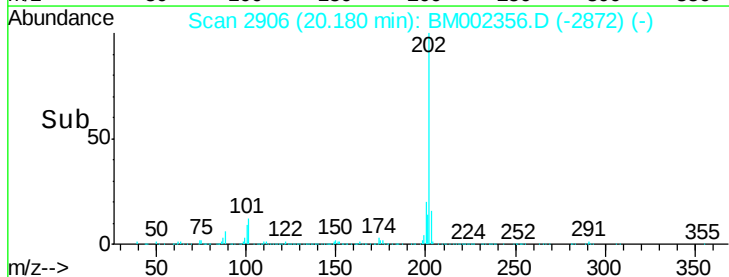
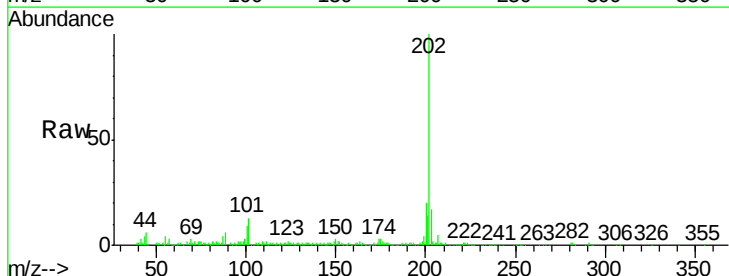
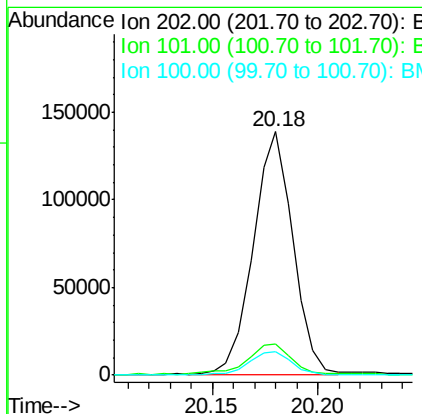
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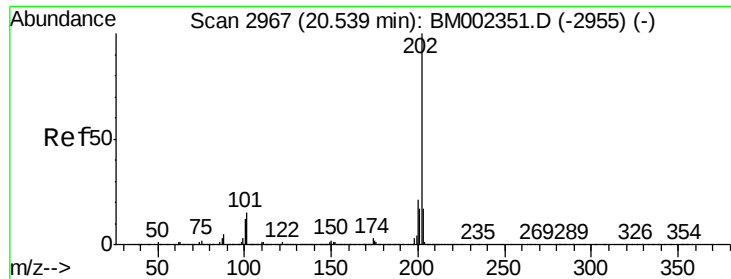
Delta R.T. 0.00 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Tgt Ion:	202	Resp:	180414
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.6	15.8
100	9.4	8.2	12.4





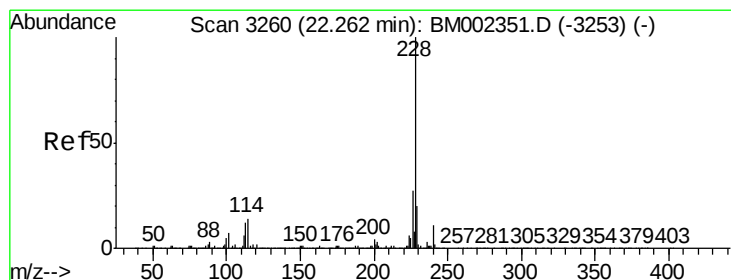
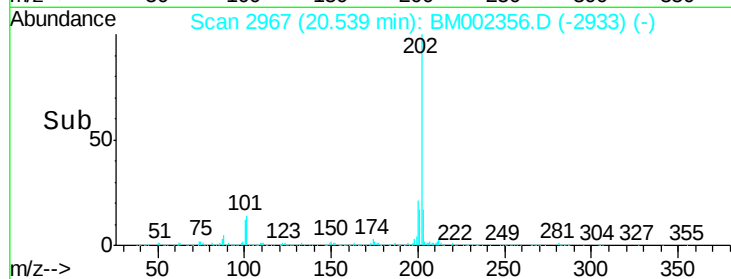
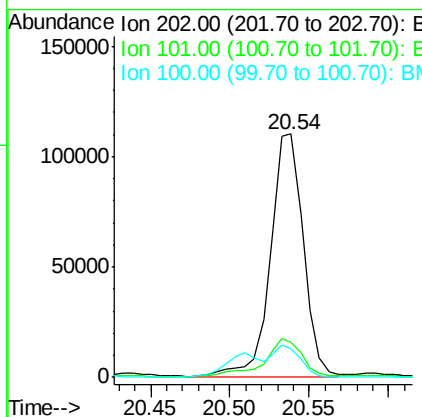
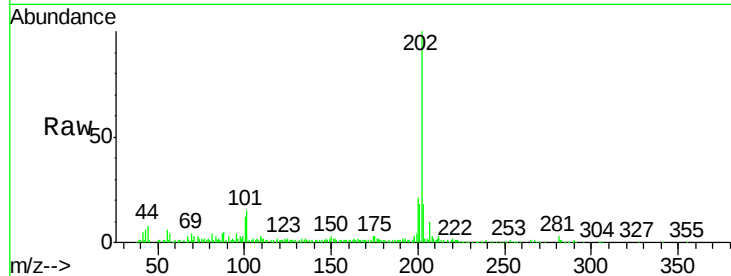
#19
Pvrene
Concen: 3.37 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BM002356.D
Acq: 12 Aug 2015 12:09

Instrument :
BNA_M
ClientSampleId :
D9C89

Tot Ion	Ratio	Resp	Lower	Upper
202	100	157777		
101	14.6		13.0	19.6
100	11.8		11.0	16.4

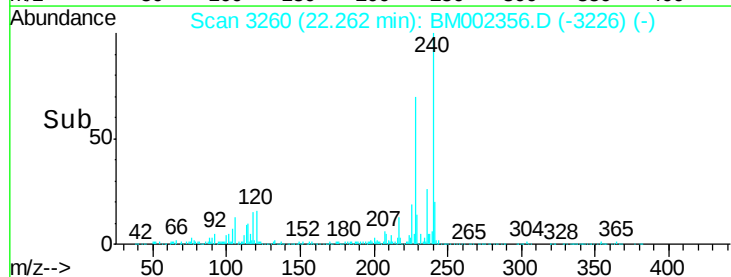
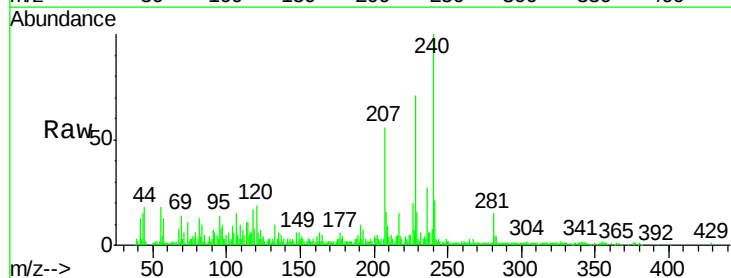
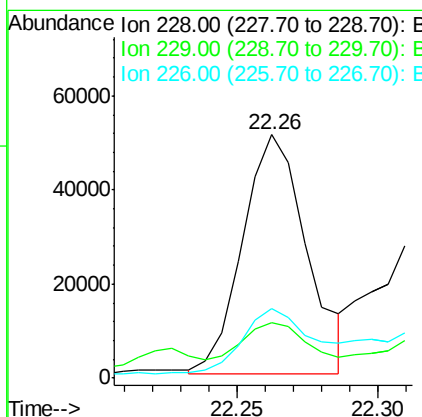
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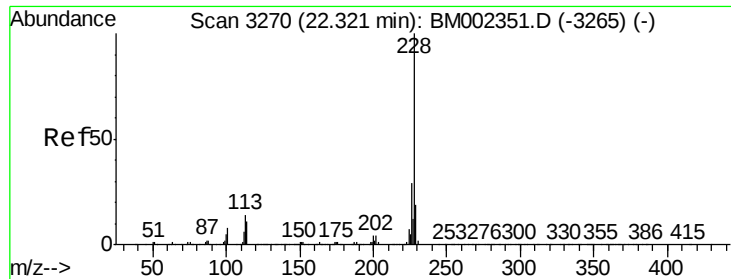
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#20
Benzo(a)anthracene
Concen: 1.83 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BM002356.D
Acq: 12 Aug 2015 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	80786		
229	22.9		15.7	23.5
226	28.7		21.4	32.0





#21

Chrysene

Concen: 2.14 ng/ul m

RT: 22.32 min Scan# 3270

Delta R.T. 0.00 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Instrument :

BNA_M

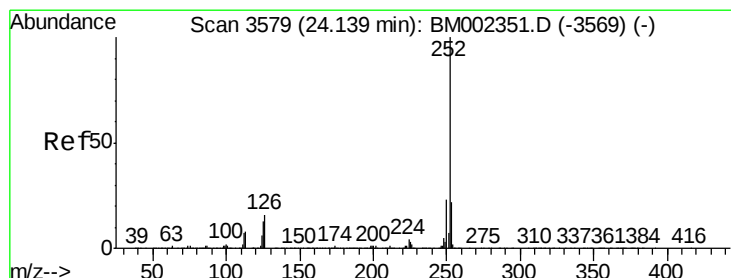
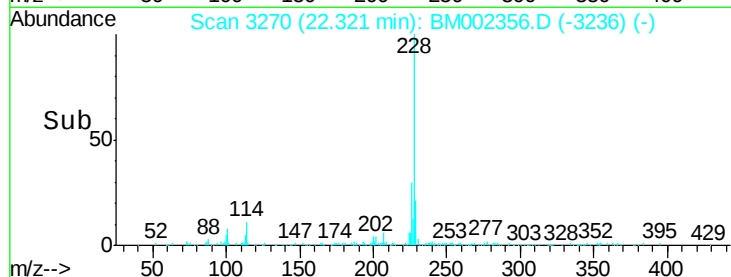
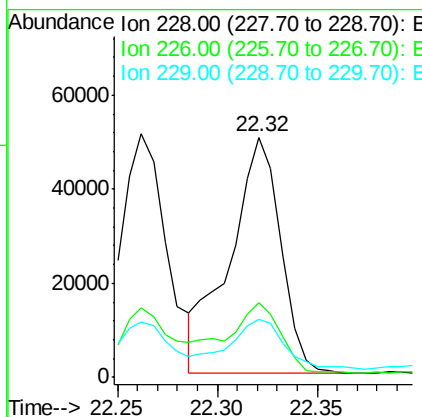
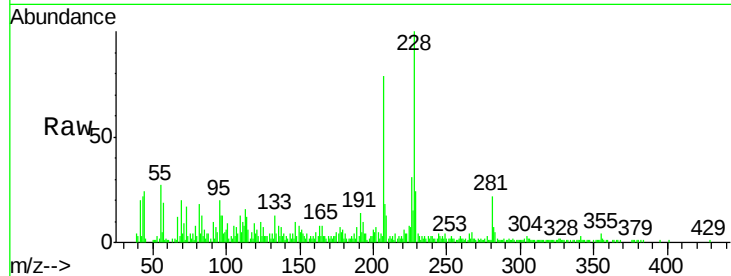
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
228	100	89530		
226	31.1	23.4	35.0	
229	24.2	15.5	23.3	

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#23

Benzo(b)fluoranthene

Concen: 2.95 ng/ul

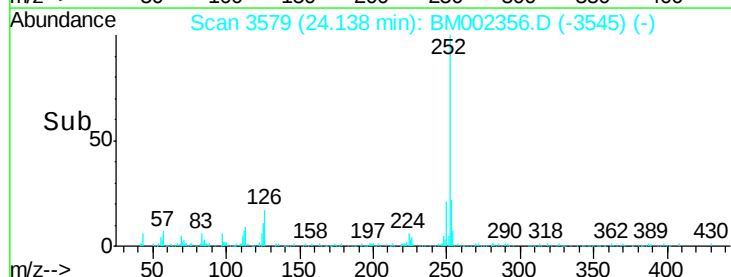
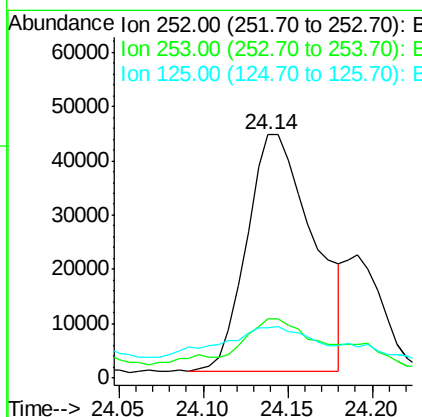
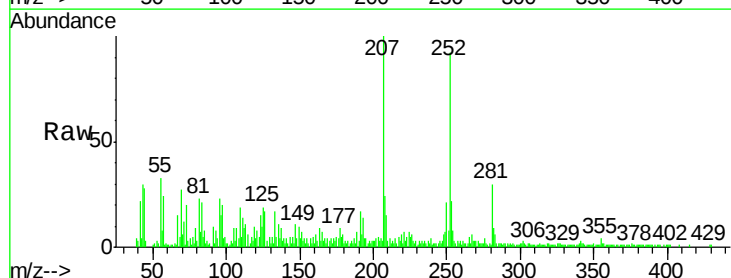
RT: 24.14 min Scan# 3579

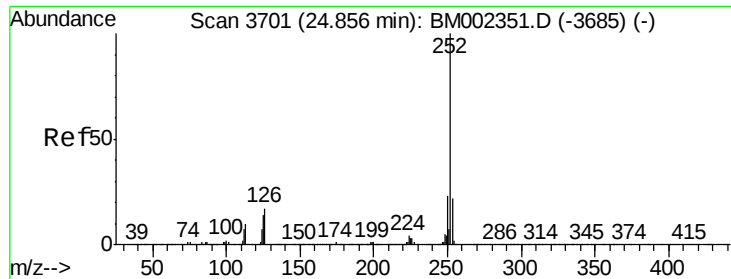
Delta R.T. 0.00 min

Lab File: BM002356.D

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	119942		
253	24.3	17.9	26.9	
125	20.6	10.3	15.5	





#26

Benzo(a)pyrene

Concen: 1.87 ng/ul

RT: 24.86 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Instrument :

BNA_M

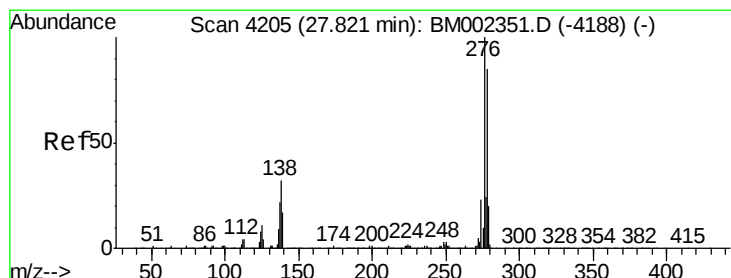
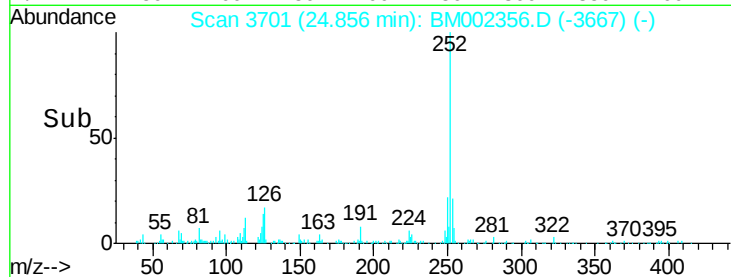
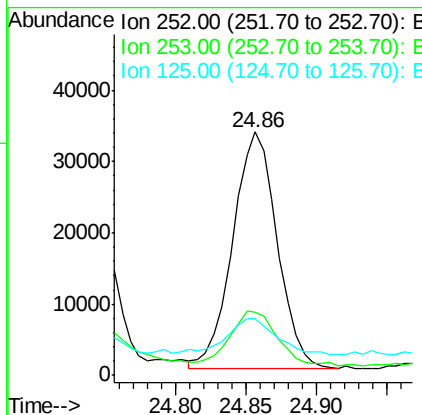
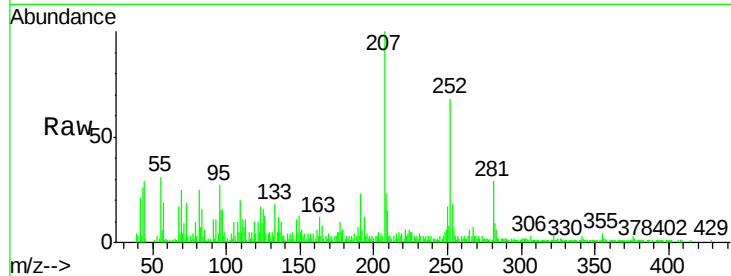
ClientSampleId :

D9C89

Tot Ion:	252	Resp:	72830
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.3	25.9#
125	23.1	11.0	16.6#

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#27

Indeno(1,2,3-cd)pyrene

Concen: 1.31 ng/ul

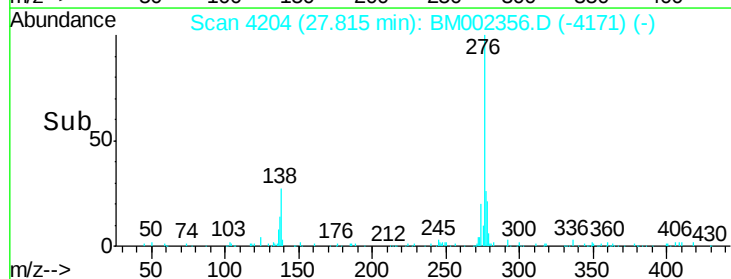
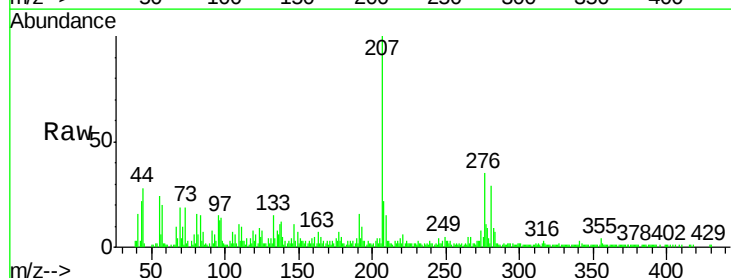
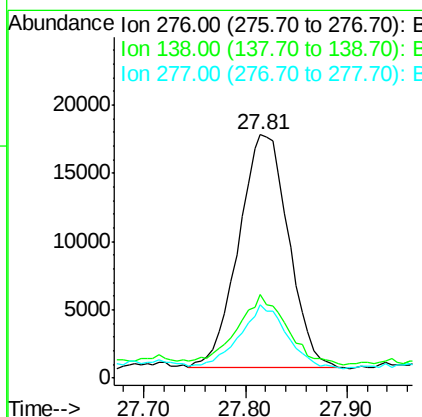
RT: 27.81 min Scan# 4204

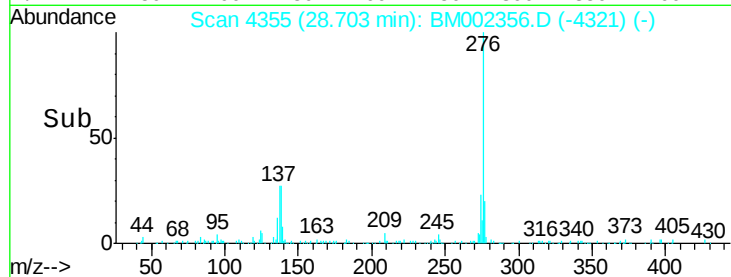
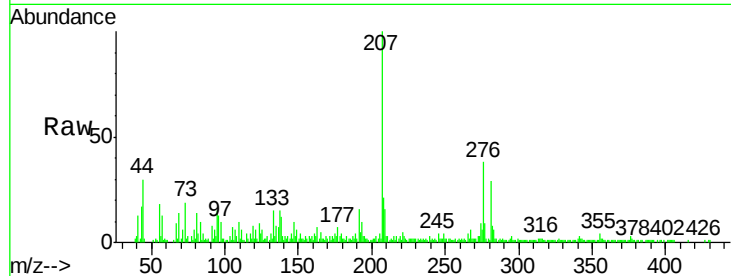
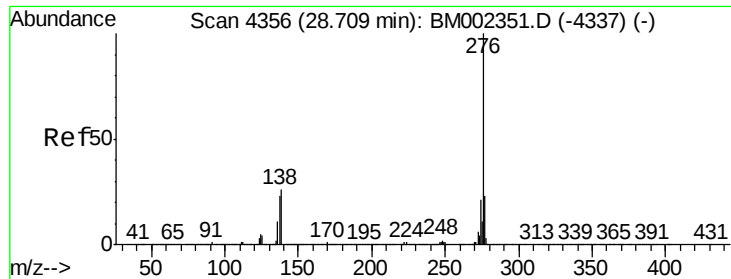
Delta R.T. -0.01 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Tgt Ion:	276	Resp:	58390
Ion Ratio	Lower	Upper	
276	100		
138	34.2	25.6	38.4
277	30.0	21.0	31.4





#29

Benzo(a,h,i)perylene

Concen: 1.92 ng/ul

RT: 28.70 min Scan# 4355

Delta R.T. 0.00 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Tot Ion:	276	Resp:	72131
Ion Ratio	Lower	Upper	
276	100		
138	31.8	20.5	30.7#
277	23.2	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

D9C89

Manual Integrations
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