

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090215\
 Data File : BM002640.D
 Acq On : 02 Sep 2015 12:28
 Operator : UM/IZ
 Sample : G3456-21DL2 25X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA6DL2

Manual Integrations
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Quant Time: Sep 02 17:35:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 02 17:21:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	82347	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	347689	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	171653	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	345897	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	354078	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	361631	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	12265	0.70	ng/ul	0.00
10) Fluorene-d10	16.34	176	9365	0.76	ng/ul	0.00
14) Anthracene-d10	18.17	188	13598	0.81	ng/ul	0.00
18) Pyrene-d10	20.40	212	13230	0.84	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	13646	0.72	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.69	128	67964	3.83	ng/ul	Qvalue 100
4) 2-Methylnaphthalene	13.24	142	15949	1.20	ng/ul	100
9) Acenaphthene	15.43	153	74121	6.13	ng/ul	99
11) Fluorene	16.39	166	73705	5.32	ng/ul	100
13) Phenanthrene	18.12	178	675192	33.80	ng/ul	99
15) Anthracene	18.21	178	171620	8.48	ng/ul	99
16) Fluoranthene	20.07	202	777493	34.38	ng/ul	98
19) Pyrene	20.43	202	560730	27.03	ng/ul	99
20) Benzo(a)anthracene	22.14	228	322662	15.24	ng/ul	98
21) Chrysene	22.20	228	279390	14.11	ng/ul	96
23) Benzo(b)fluoranthene	23.99	252	357299	16.34	ng/ul	99
24) Benzo(k)fluoranthene	24.03	252	120155m	5.80	ng/ul	
26) Benzo(a)pyrene	24.68	252	240870	11.53	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.56	276	162825	6.78	ng/ul	95
28) Dibenzo(a,h)anthracene	27.56	278	45199	2.25	ng/ul#	76
29) Benzo(g,h,i)perylene	28.43	276	133800	6.69	ng/ul	97

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

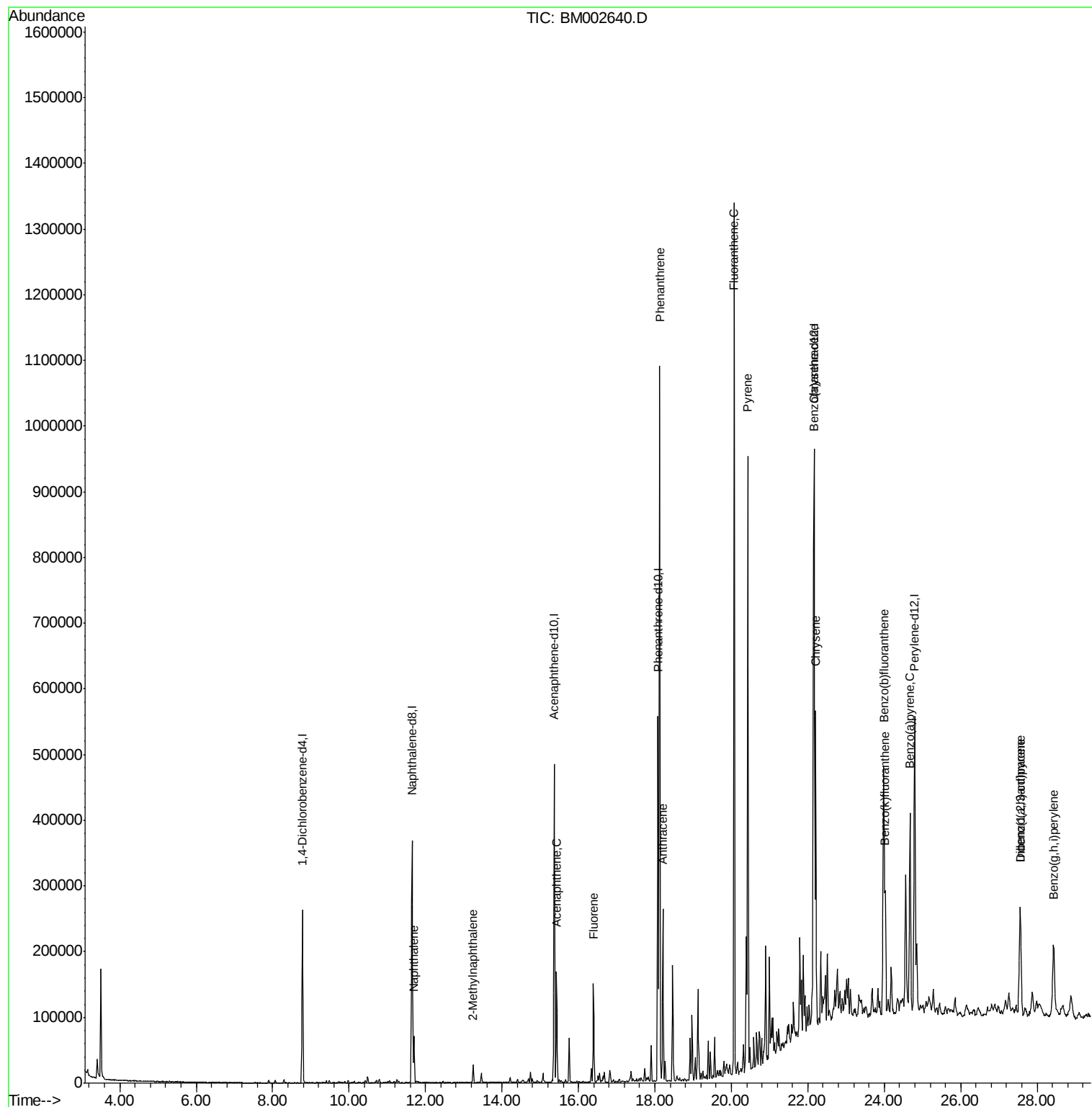
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090215\
Data File : BM002640.D
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ALS Vial : 3 Sample Multiplier: 1

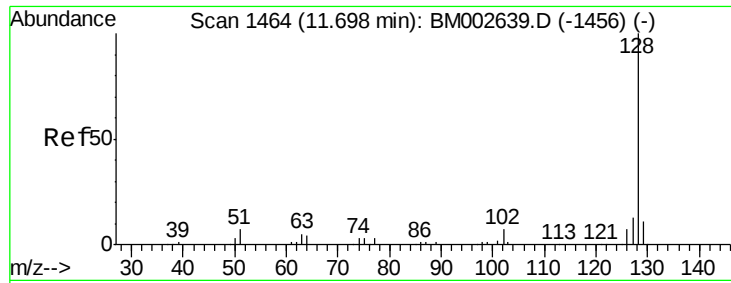
Instrument :
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Quant Time: Sep 02 17:35:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 02 17:21:03 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.83 ng/ul

RT: 11.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BM002640.D

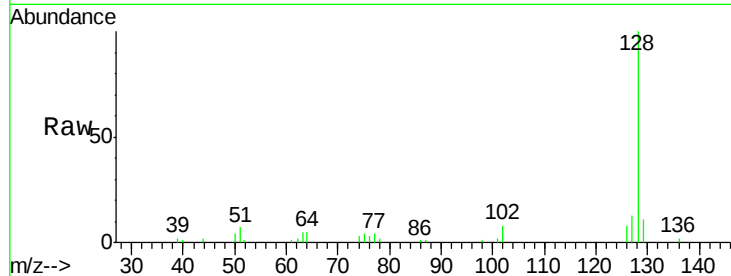
Acq: 02 Sep 2015 12:28

Instrument :

BNA_M

ClientSampleId :

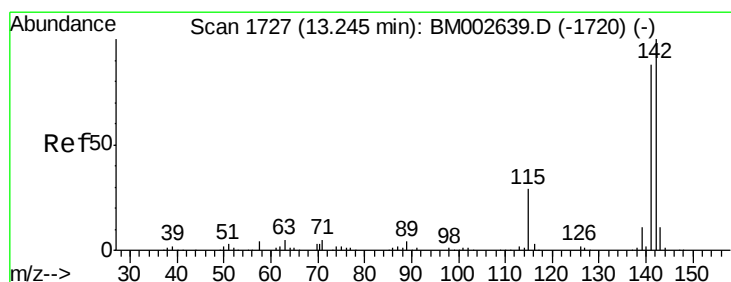
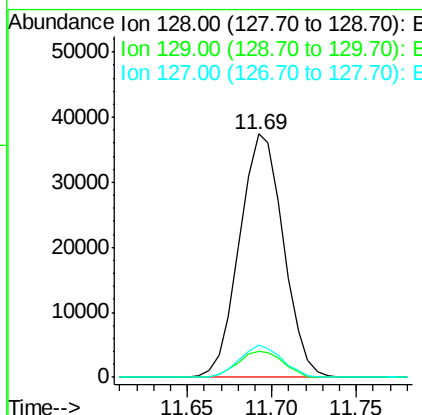
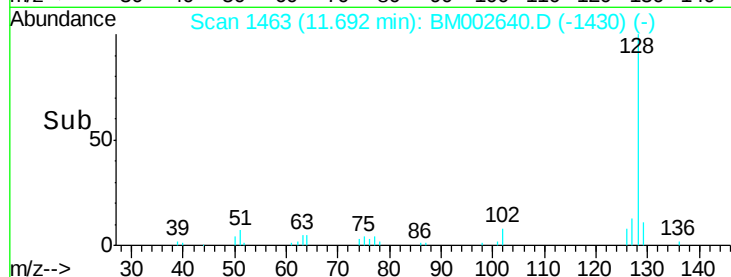
D9EA6DL2



Tgt Ion:	128	Resp:	67964
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	12.8
127	13.2	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.20 ng/ul

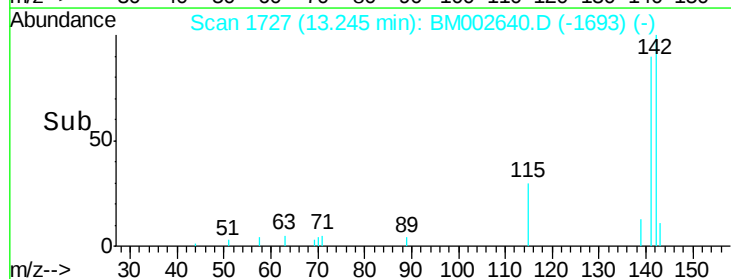
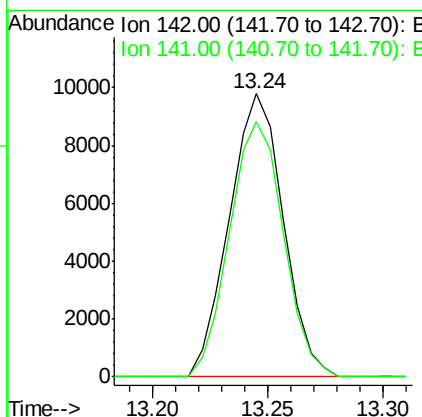
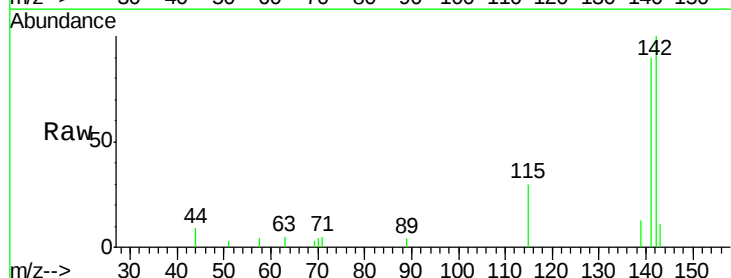
RT: 13.24 min Scan# 1727

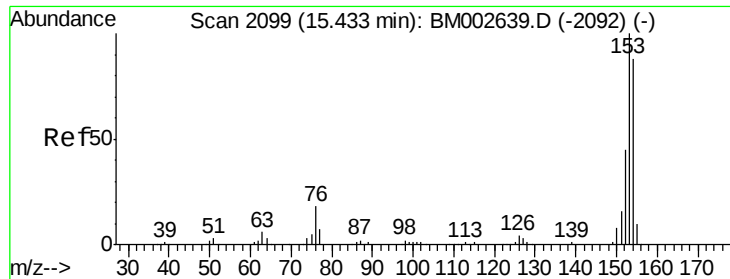
Delta R.T. -0.00 min

Lab File: BM002640.D

Acq: 02 Sep 2015 12:28

Tgt Ion:	142	Resp:	15949
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.2	108.2





#9

Acenaphthene

Concen: 6.13 ng/ul

RT: 15.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM002640.D

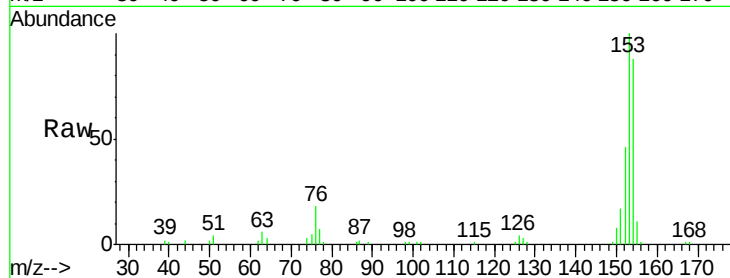
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Instrument :

BNA_M

ClientSampleId :

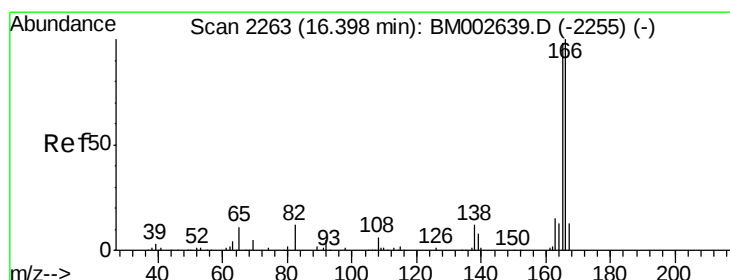
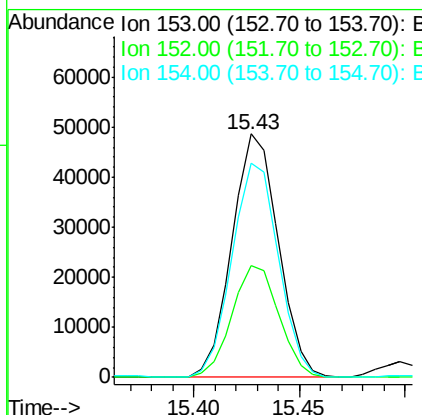
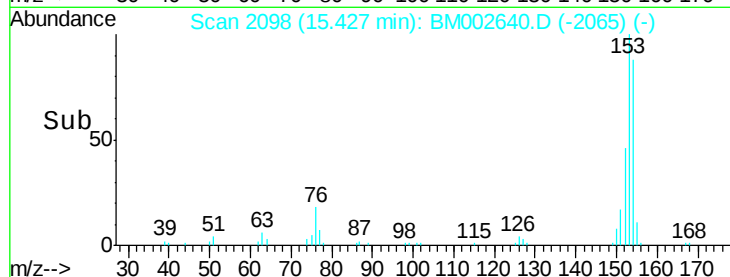
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Tgt Ion:	153	Resp:	74121
Ion Ratio	Lower	Upper	
153	100		
152	46.2	36.9	55.3
154	88.1	71.3	106.9

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#11

Fluorene

Concen: 5.32 ng/ul

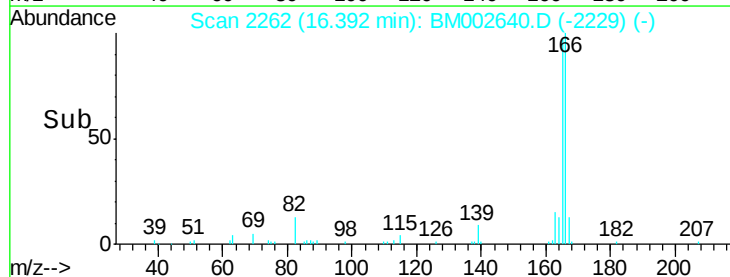
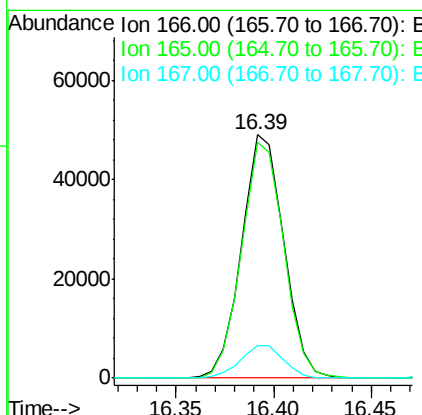
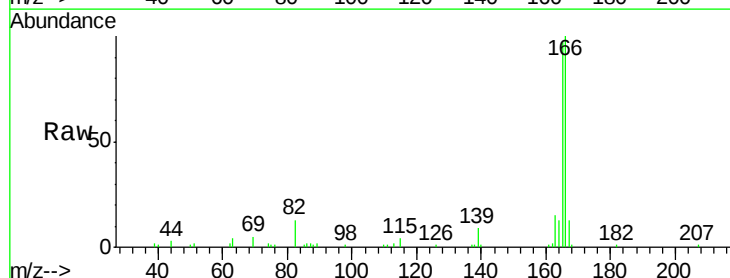
RT: 16.39 min Scan# 2262

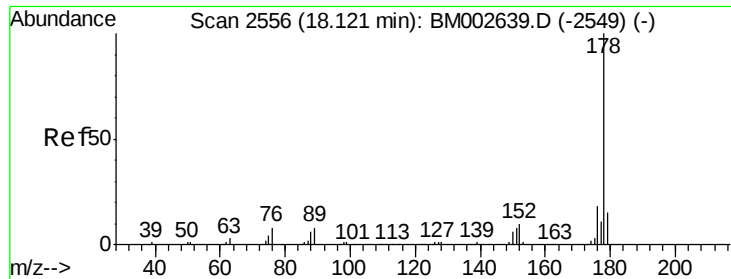
Delta R.T. -0.01 min

Lab File: BM002640.D

Acq: 02 Sep 2015 12:28

Tgt Ion:	166	Resp:	73705
Ion Ratio	Lower	Upper	
166	100		
165	97.1	77.6	116.4
167	13.4	10.7	16.1





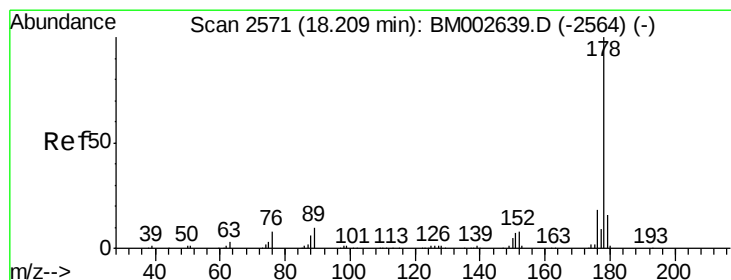
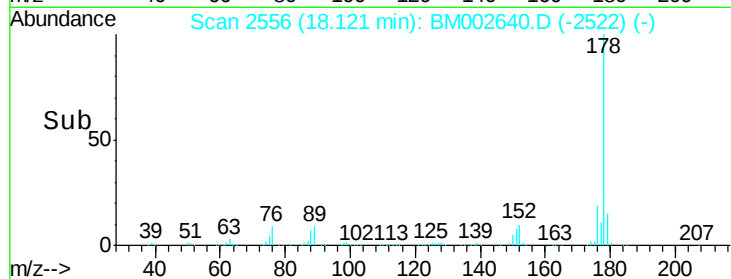
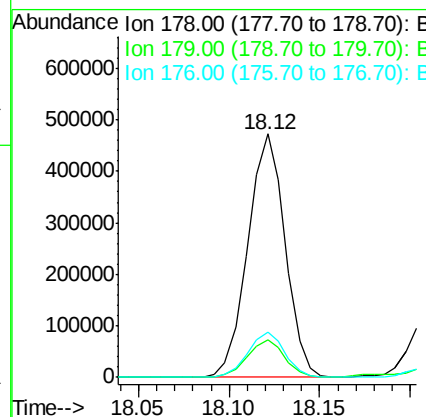
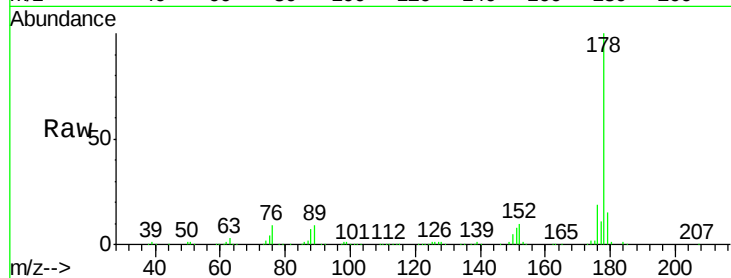
#13
Phenanthrene
Concen: 33.80 ng/u1
RT: 18.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BM002640.D
Acq: 02 Sep 2015 12:28

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.6	15.1	22.7

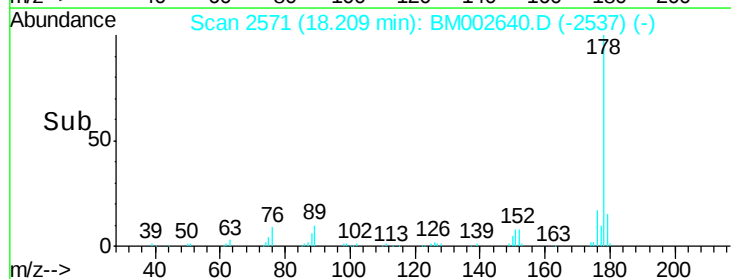
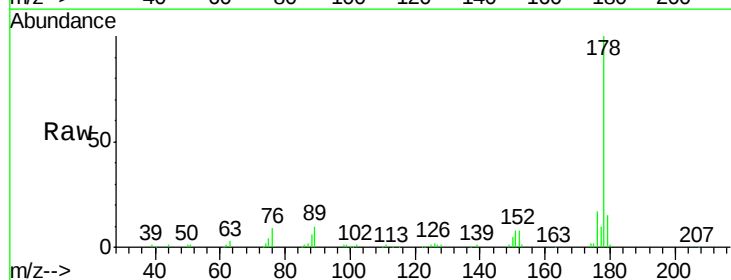
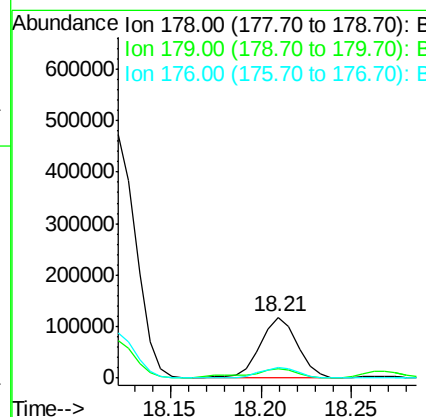
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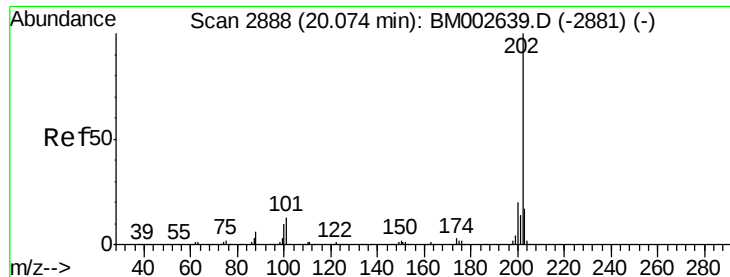
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#15
Anthracene
Concen: 8.48 ng/u1
RT: 18.21 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BM002640.D
Acq: 02 Sep 2015 12:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	17.3	14.5	21.7





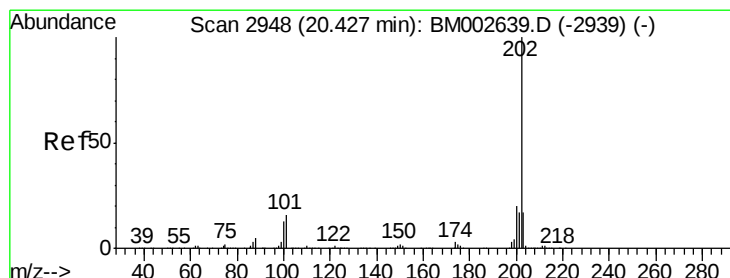
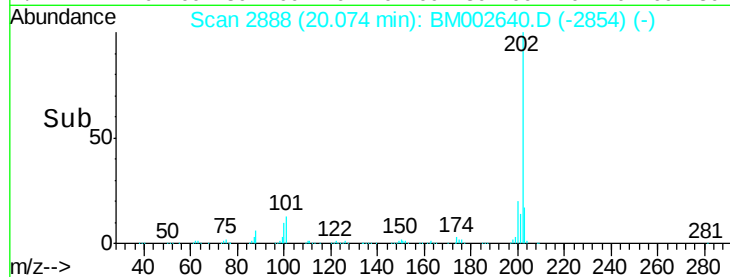
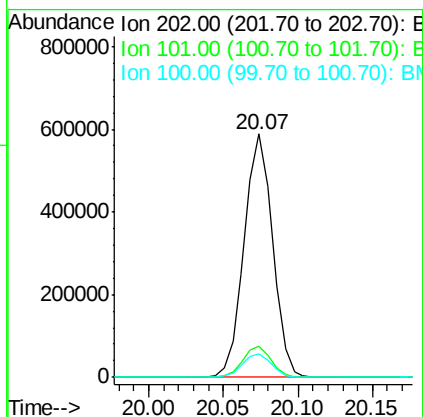
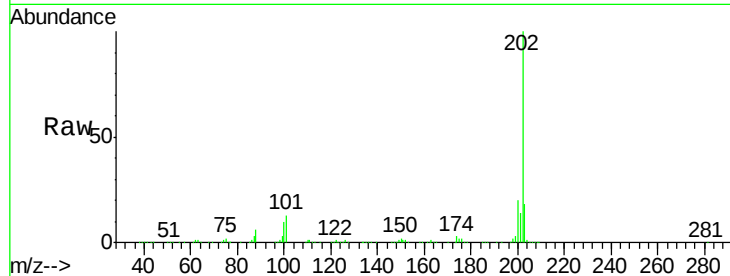
#16
Fluoranthene
 Concen: 34.38 ng/ul
 RT: 20.07 min Scan# 2888
 Delta R.T. -0.00 min
 Lab File: BM002640.D
 Acq: 02 Sep 2015 12:28

Instrument :
 BNA_M
 ClientSampleId :
 D9EA6DL2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	777493		
101	13.0		9.7	14.5
100	9.8		7.4	11.2

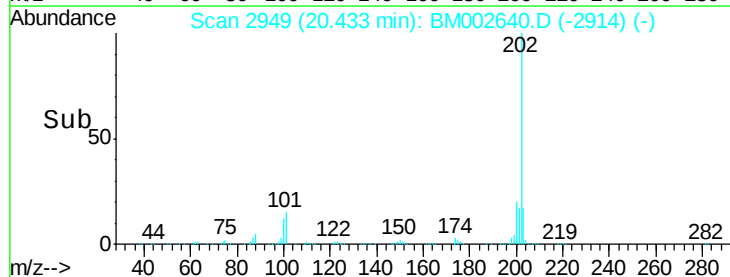
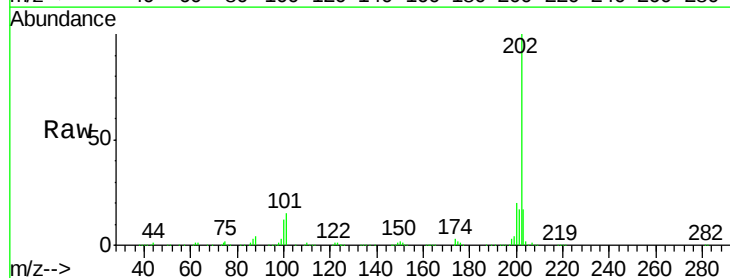
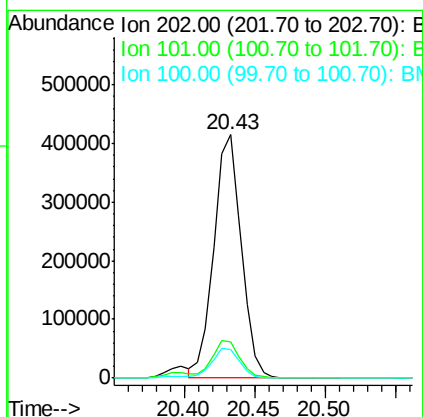
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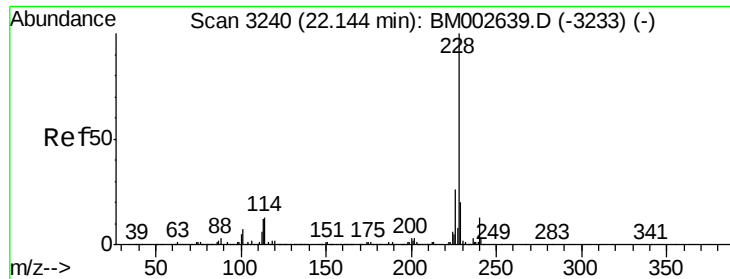
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#19
Pyrene
 Concen: 27.03 ng/ul
 RT: 20.43 min Scan# 2949
 Delta R.T. 0.01 min
 Lab File: BM002640.D
 Acq: 02 Sep 2015 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	560730		
101	14.7		12.0	18.0
100	12.0		9.7	14.5





#20

Benzo(a)anthracene

Concen: 15.24 ng/ul

RT: 22.14 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BM002640.D

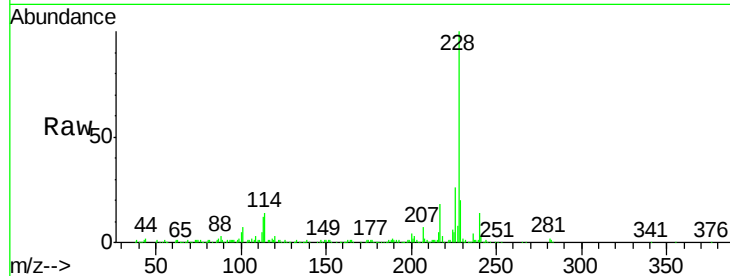
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Instrument :

BNA_M

ClientSampleId :

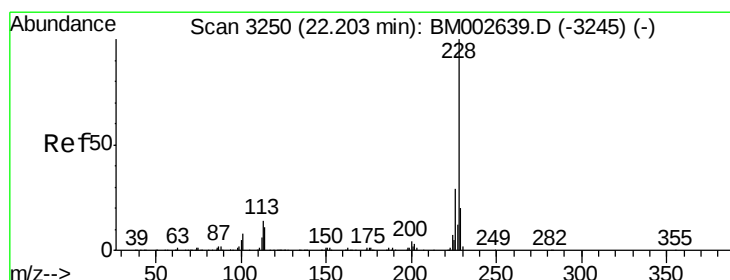
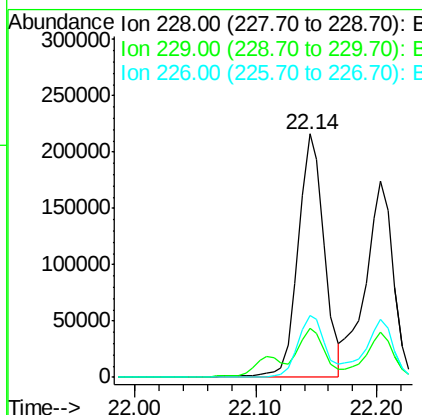
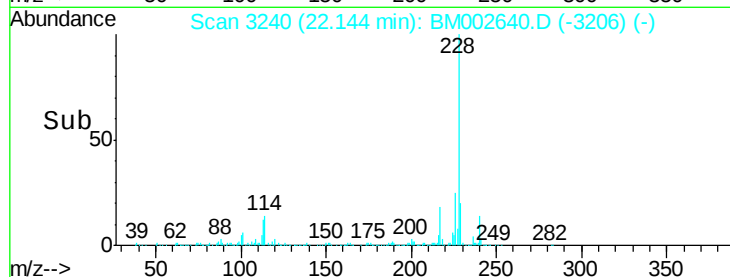
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	322662		
229	20.3	15.8	23.6	
226	25.5	21.1	31.7	

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#21

Chrysene

Concen: 14.11 ng/ul

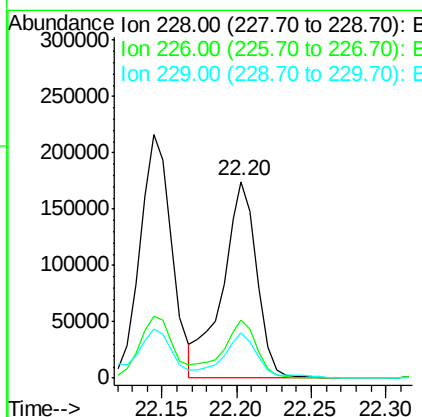
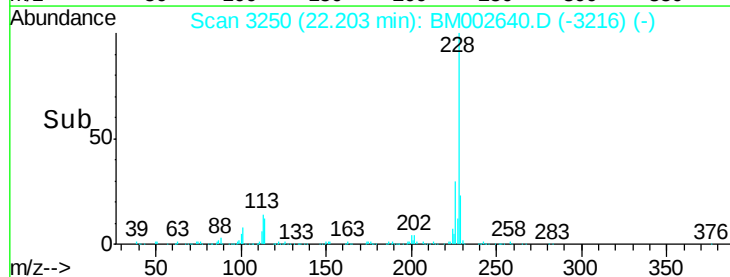
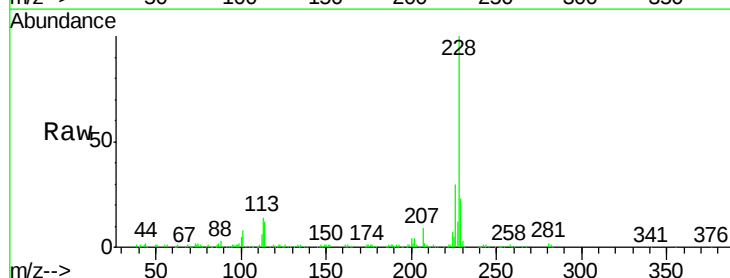
RT: 22.20 min Scan# 3250

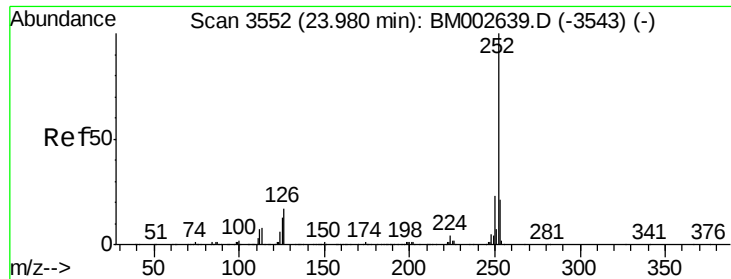
Delta R.T. -0.00 min

Lab File: BM002640.D

Acq: 02 Sep 2015 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	279390		
226	29.7	23.4	35.2	
229	23.1	15.7	23.5	





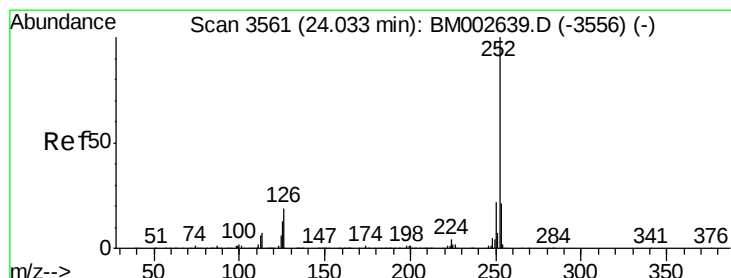
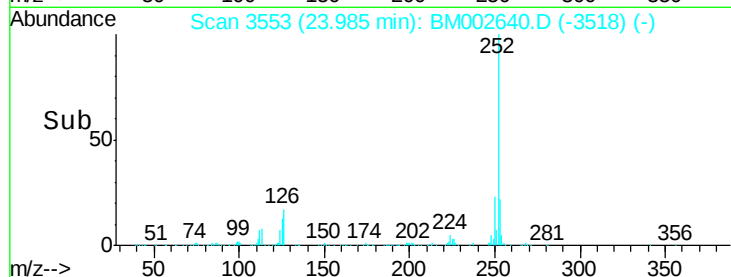
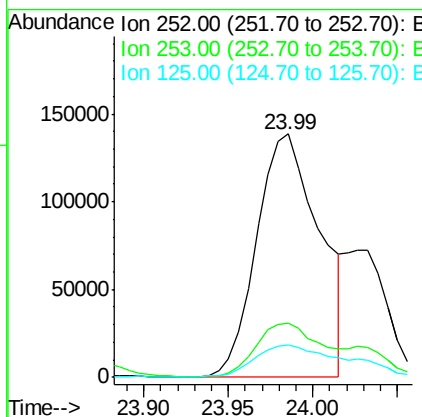
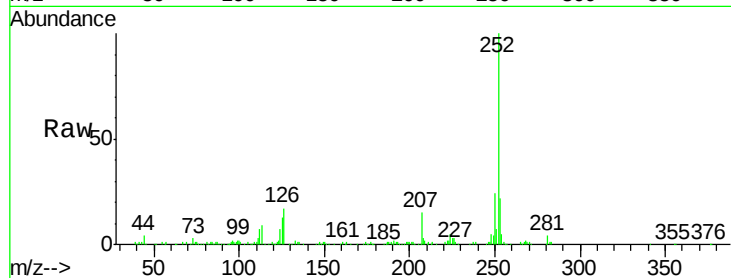
#23
Benzo(b)fluoranthene
Concen: 16.34 ng/ul
RT: 23.99 min Scan# 3553
Delta R.T. 0.01 min
Lab File: BM002640.D
Acq: 02 Sep 2015 12:28

Instrument :
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ClientSampleId :
D9EA6DL2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	13.3	10.0	15.0

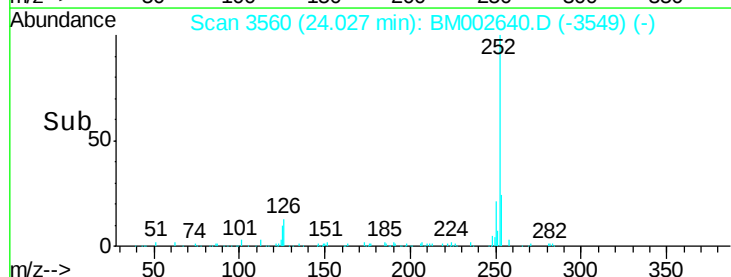
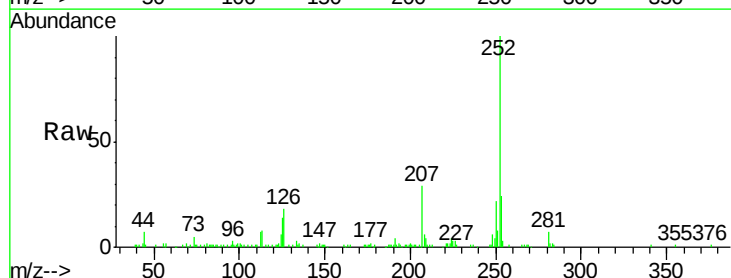
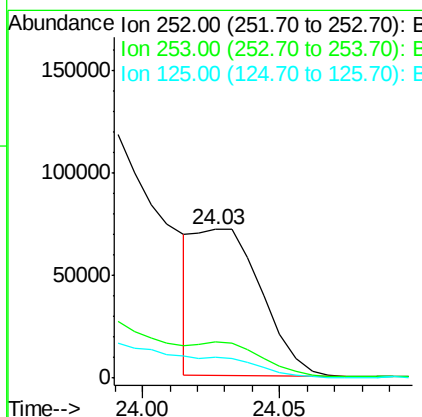
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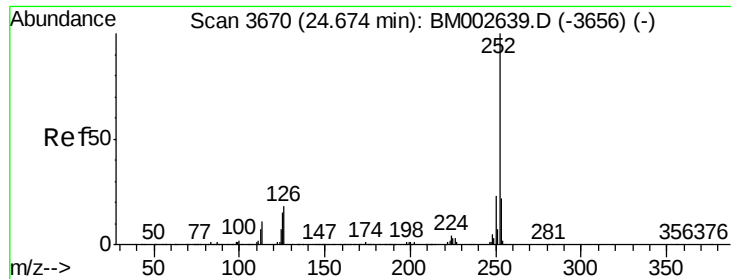
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#24
Benzo(k)fluoranthene
Concen: 5.80 ng/ul m
RT: 24.03 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM002640.D
Acq: 02 Sep 2015 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	14.1	9.8	14.8





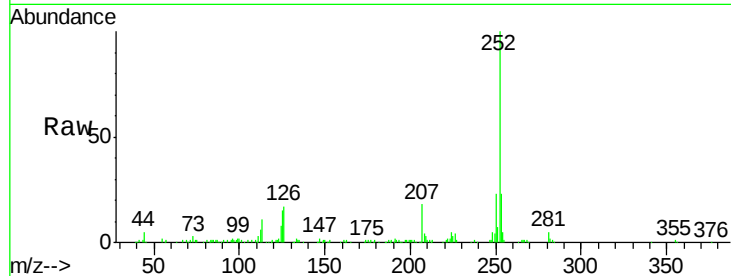
#26
Benzo(a)pyrene
Concen: 11.53 ng/ul
RT: 24.68 min Scan# 3671
Delta R.T. 0.01 min
Lab File: BM002640.D
Acq: 02 Sep 2015 12:28

Instrument :
BNA_M
ClientSampleId :
D9EA6DL2

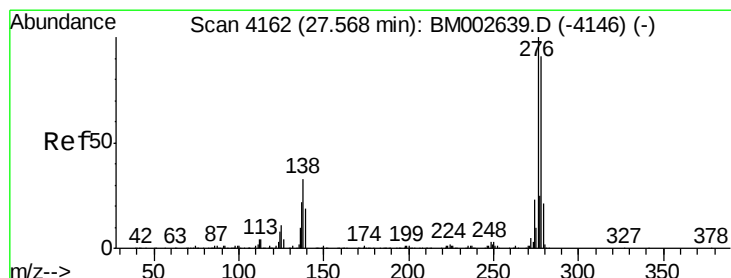
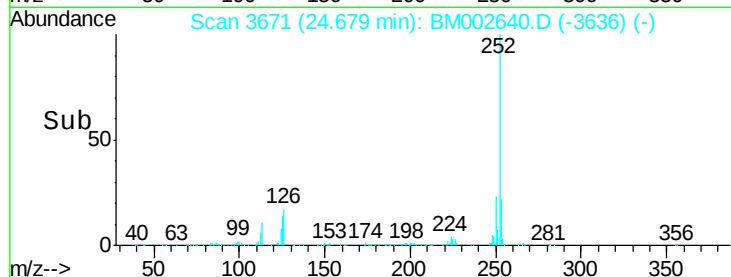
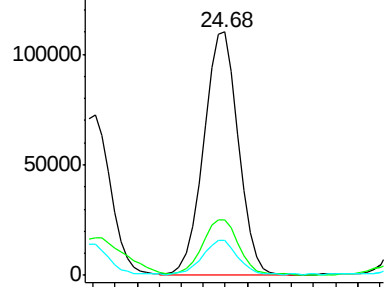
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	17.6	26.4
125	14.6	10.7	16.1

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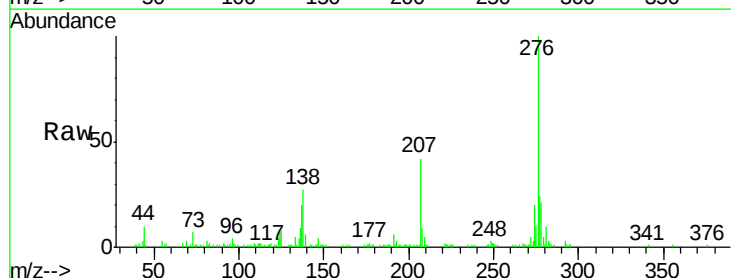


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

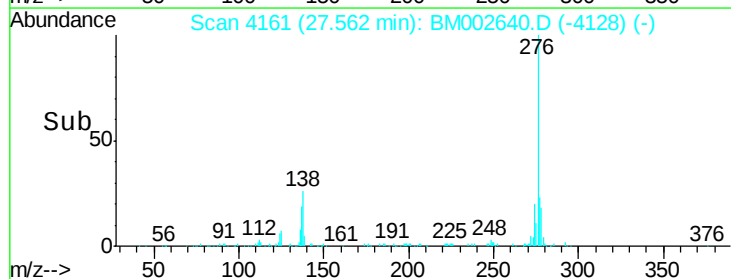
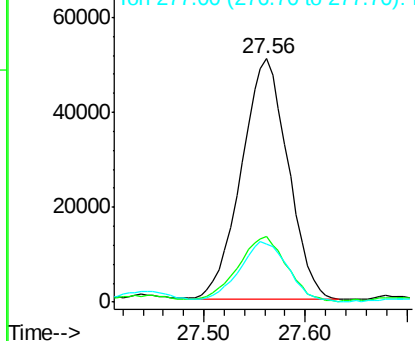


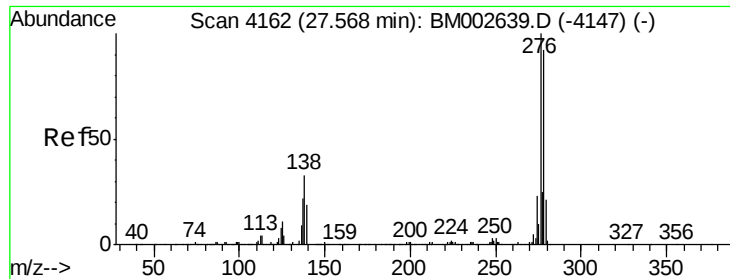
#27
Indeno(1,2,3-cd)pyrene
Concen: 6.78 ng/ul
RT: 27.56 min Scan# 4161
Delta R.T. -0.01 min
Lab File: BM002640.D
Acq: 02 Sep 2015 12:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.2	25.3	37.9
277	24.0	20.2	30.2



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





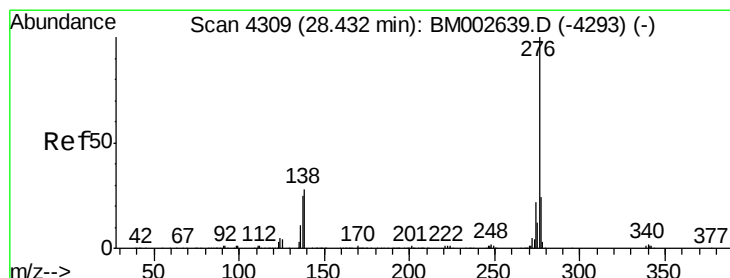
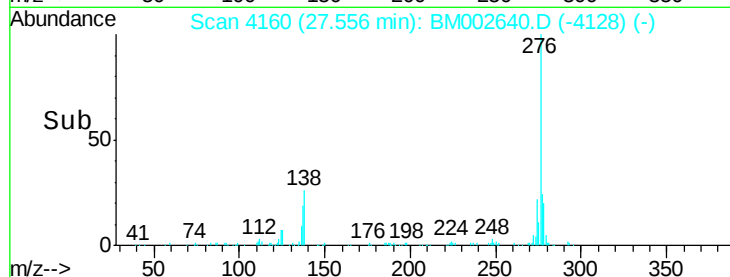
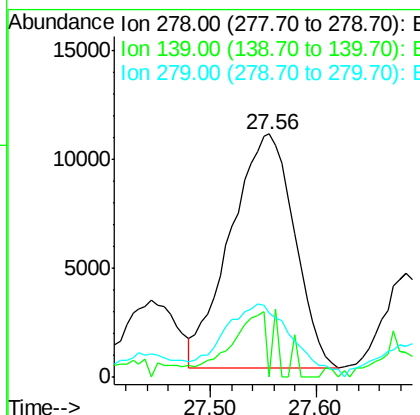
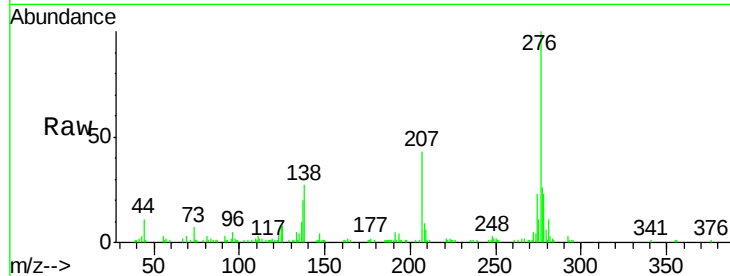
#28
Dibenzo(a,h)anthracene
Concen: 2.25 ng/ul
RT: 27.56 min Scan# 4160
Delta R.T. -0.01 min
Lab File: BM002640.D
Acq: 02 Sep 2015 12:28

Instrument :
BNA_M
ClientSampleId :
D9EA6DL2

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	26.2	18.8	28.2

Manual Integrations
APPROVED

apatel
9/2/2015 8:33:00 PM



#29
Benzo(g,h,i)perylene
Concen: 6.69 ng/ul
RT: 28.43 min Scan# 4308
Delta R.T. -0.01 min
Lab File: BM002640.D
Acq: 02 Sep 2015 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.0	31.6
277	25.0	19.2	28.8

