

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002361.D
 Acq On : 12 Aug 2015 15:11
 Operator : UM/IZ
 Sample : G3163-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C94

Manual Integrations
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 8/13/2015 10:57:06 AM

Quant Time: Aug 12 18:09:43 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	204235	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	953258	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	514438	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	930068	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	647614	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	627092	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1084360	20.35	ng/ul	0.00
10) Fluorene-d10	16.46	176	706285	19.06	ng/ul	0.00
14) Anthracene-d10	18.29	188	909656	20.16	ng/ul	0.00
18) Pyrene-d10	20.52	212	740129	23.56	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	650023	19.52	ng/ul	0.01
Target Compounds						
					Ovalue	
3) Naphthalene	11.83	128	120854	2.41	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	69020	1.92	ng/ul	95
5) 1-Methylnaphthalene	13.58	142	45492	1.29	ng/ul	95
13) Phenanthrene	18.24	178	241574	4.51	ng/ul	99
16) Fluoranthene	20.19	202	363480	6.13	ng/ul	98
19) Pyrene	20.54	202	297616	7.11	ng/ul	99
20) Benzo(a)anthracene	22.27	228	173065	4.38	ng/ul	96
21) Chrysene	22.33	228	211029m	5.63	ng/ul	
23) Benzo(b)fluoranthene	24.15	252	295198	7.57	ng/ul#	95
24) Benzo(k)fluoranthene	24.20	252	95275m	2.55	ng/ul	
26) Benzo(a)pyrene	24.87	252	179601	4.82	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.84	276	154897	3.62	ng/ul	99
28) Dibenzo(a,h)anthracene	27.84	278	43255	1.19	ng/ul#	64
29) Benzo(a,h,i)perylene	28.73	276	148244	4.11	ng/ul	94

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

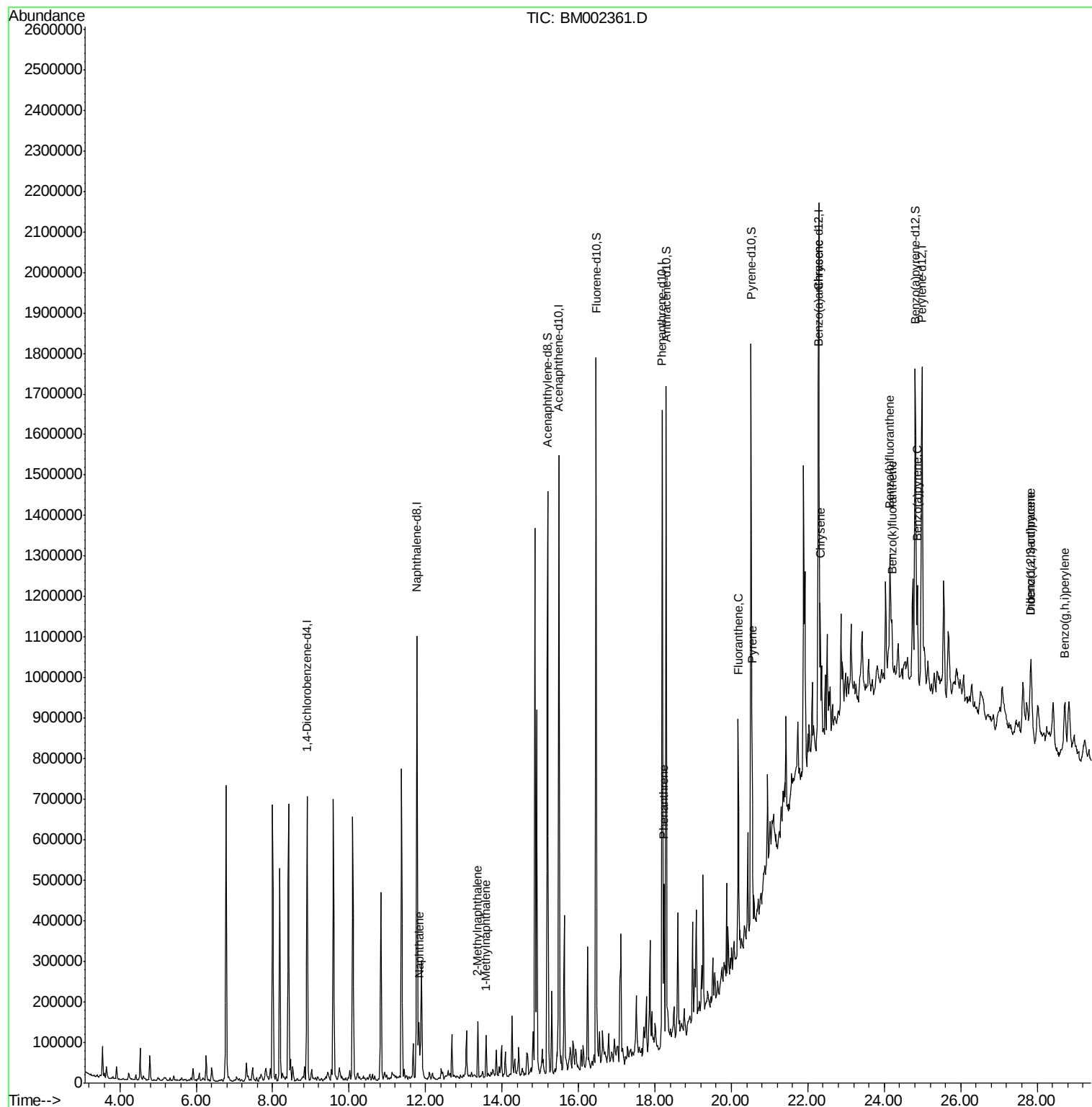
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002361.D
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ALS Vial : 11 Sample Multiplier: 1

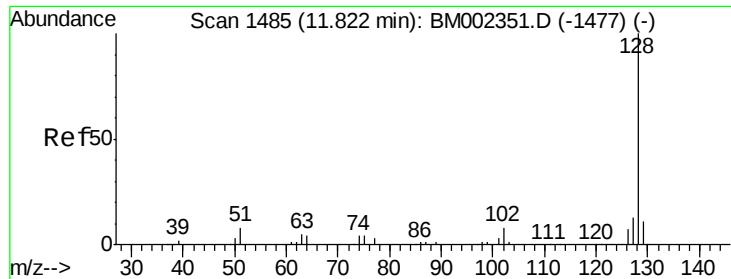
Instrument :
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Quant Time: Aug 12 18:09:43 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.41 ng/ul

RT: 11.83 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM002361.D

Acq: 12 Aug 2015 15:11

Instrument :

BNA_M

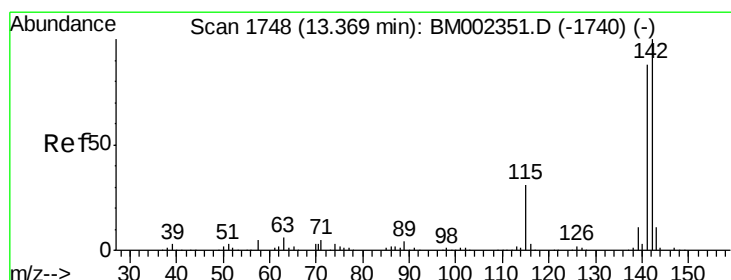
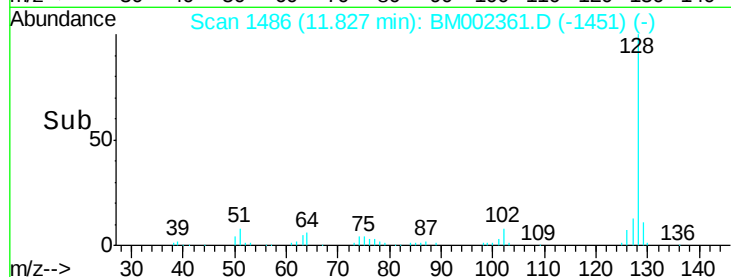
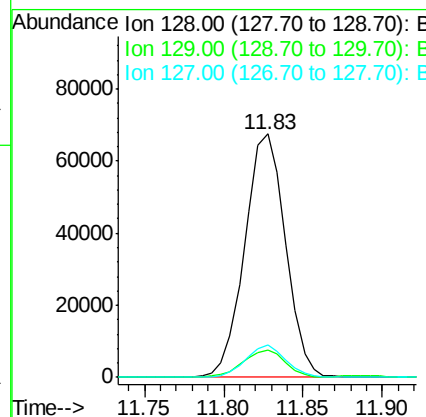
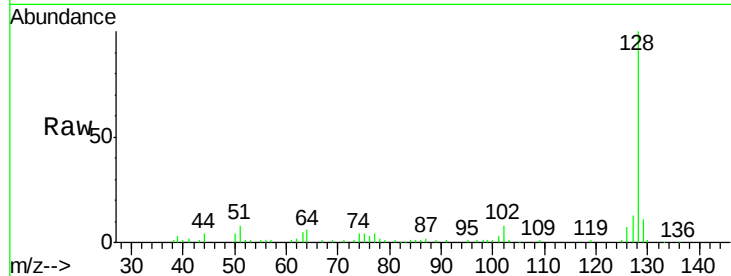
ClientSampleId :

D9C94

Tot Ion:	128	Resp:	120854
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	12.8
127	13.3	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.92 ng/ul

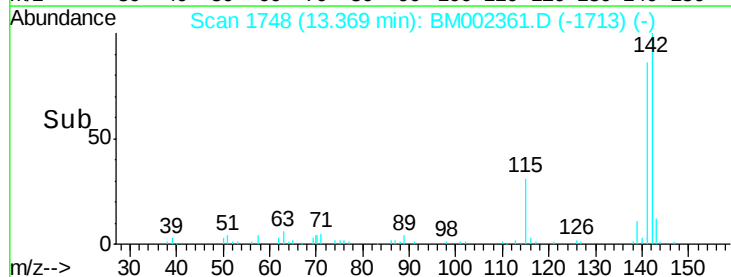
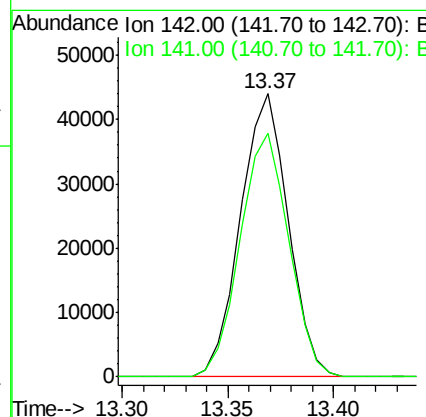
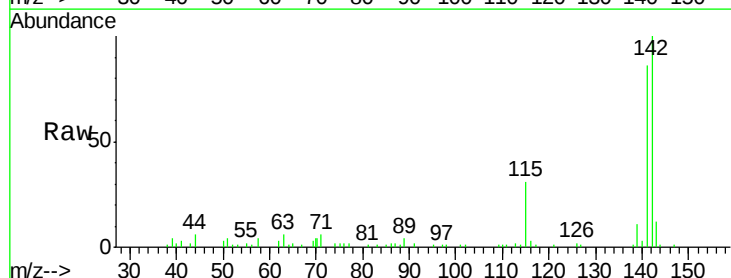
RT: 13.37 min Scan# 1748

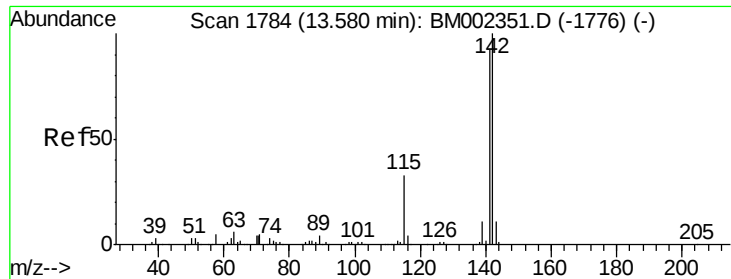
Delta R.T. 0.01 min

Lab File: BM002361.D

Acq: 12 Aug 2015 15:11

Tgt Ion:	142	Resp:	69020
Ion Ratio	Lower	Upper	
142	100		
141	86.2	72.5	108.7





#5

1-Methylnaphthalene

Concen: 1.29 ng/ul

RT: 13.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BM002361.D

Acq: 12 Aug 2015 15:11

Instrument :

BNA_M

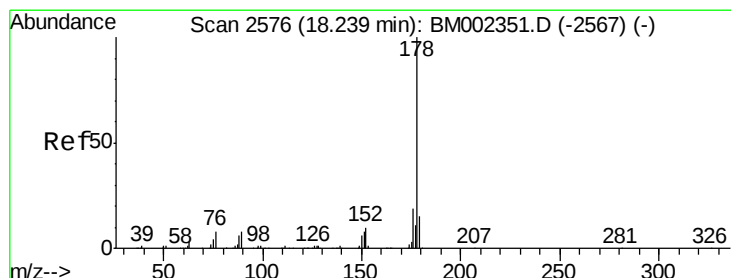
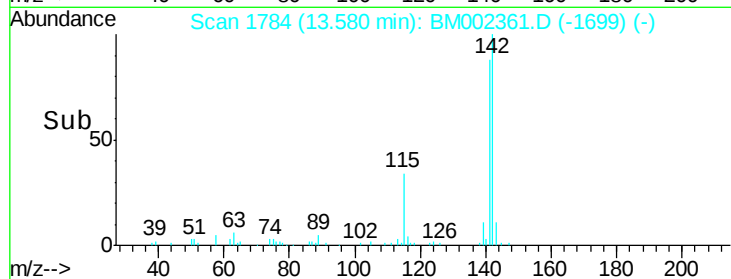
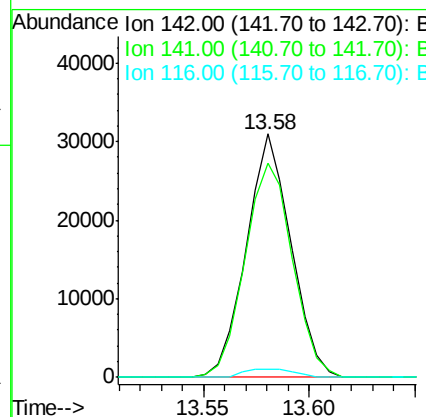
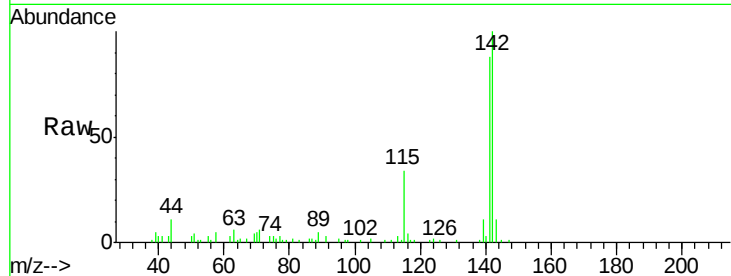
ClientSampleId :

D9C94

Tot Ion:	142	Resp:	45492
Ion Ratio	Lower	Upper	
142	100		
141	88.0	74.5	111.7
116	3.6	3.0	4.4

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#13

Phenanthrene

Concen: 4.51 ng/ul

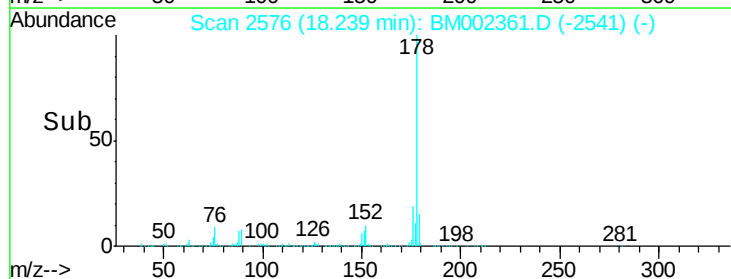
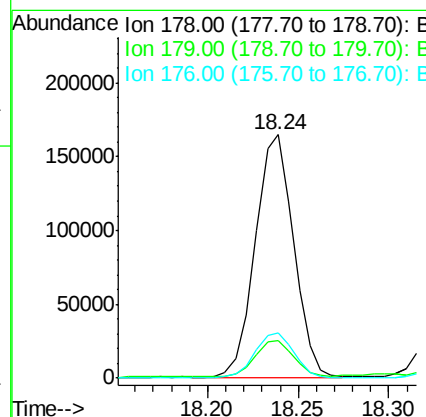
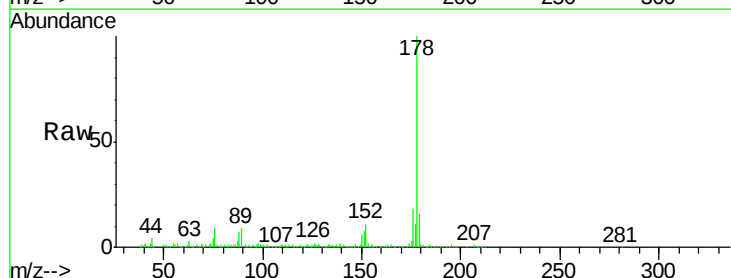
RT: 18.24 min Scan# 2576

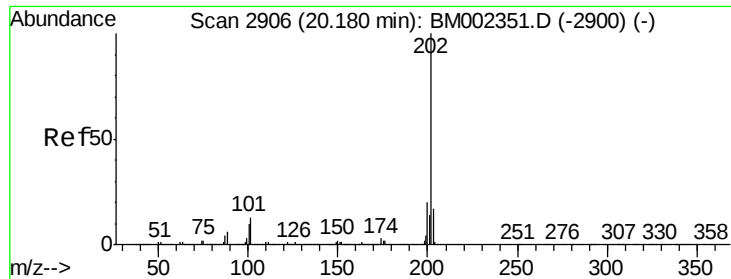
Delta R.T. 0.01 min

Lab File: BM002361.D

Acq: 12 Aug 2015 15:11

Tgt Ion:	178	Resp:	241574
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	18.4	15.3	22.9





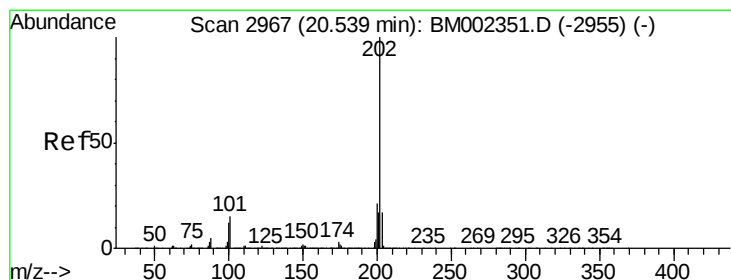
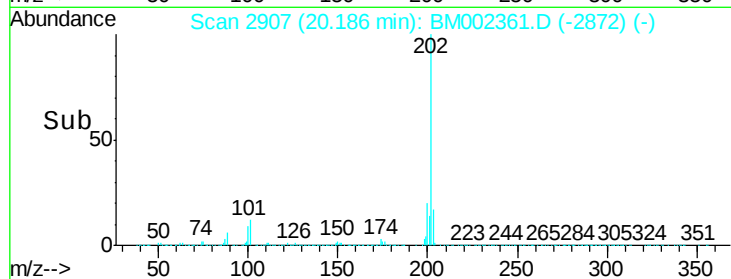
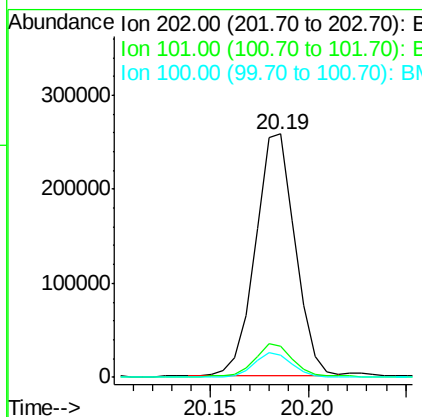
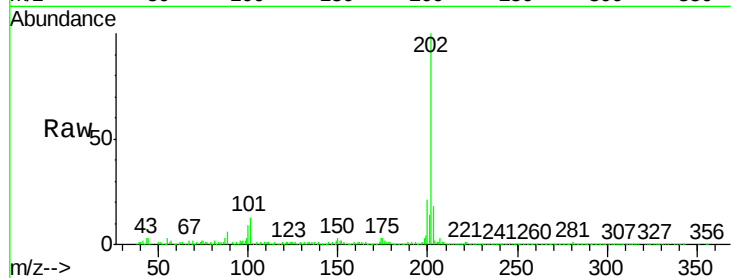
#16
Fluoranthene
Concen: 6.13 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.01 min
Lab File: BM002361.D
Acq: 12 Aug 2015 15:11

Instrument :
BNA_M
ClientSampleId :
D9C94

Tot Ion	Ratio	Resp	Lower	Upper
202	100	363480		
101	12.8	10.6	15.8	
100	9.3	8.2	12.4	

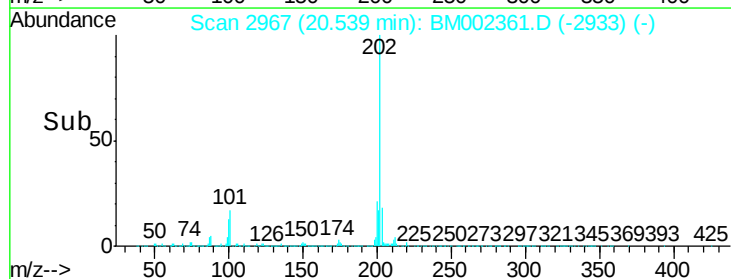
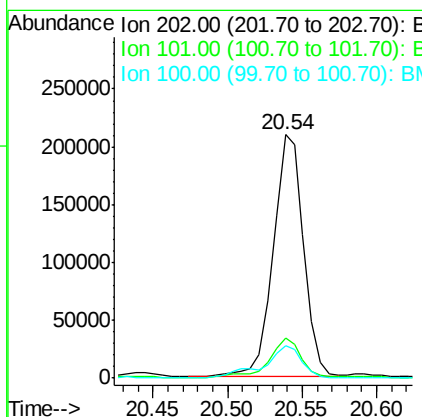
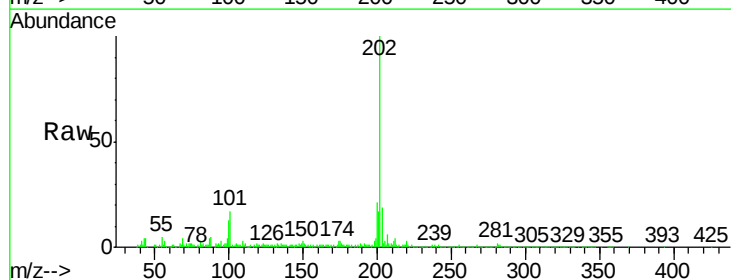
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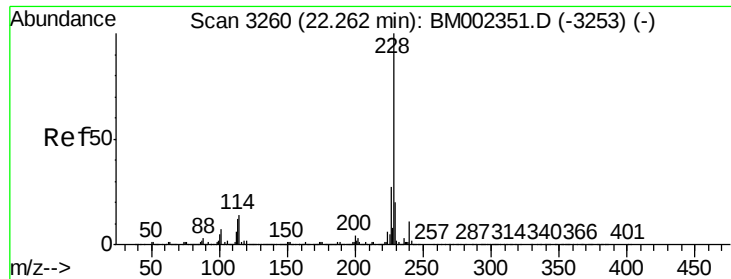
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#19
Pyrene
Concen: 7.11 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BM002361.D
Acq: 12 Aug 2015 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	297616		
101	16.7	13.0	19.6	
100	13.3	11.0	16.4	





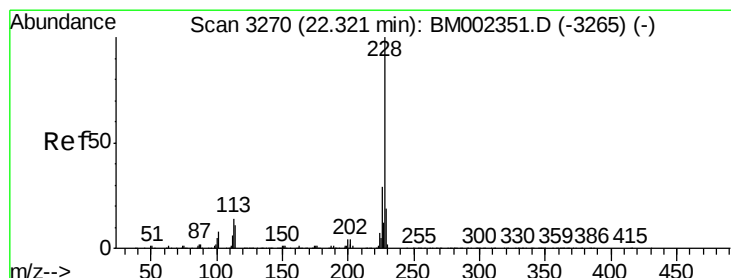
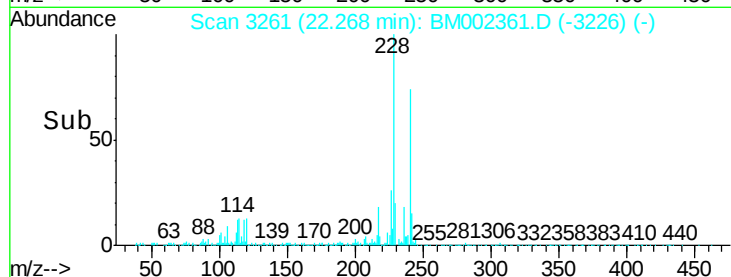
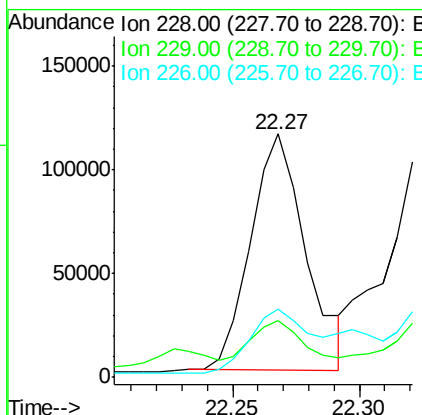
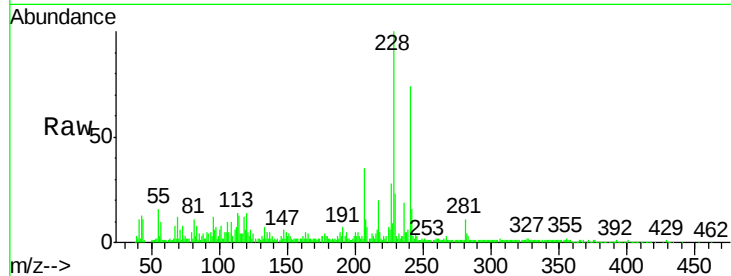
#20
Benzo(a)anthracene
Concen: 4.38 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002361.D
Acq: 12 Aug 2015 15:11

Instrument :
BNA_M
ClientSampleId :
D9C94

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.7	23.5
226	27.8	21.4	32.0

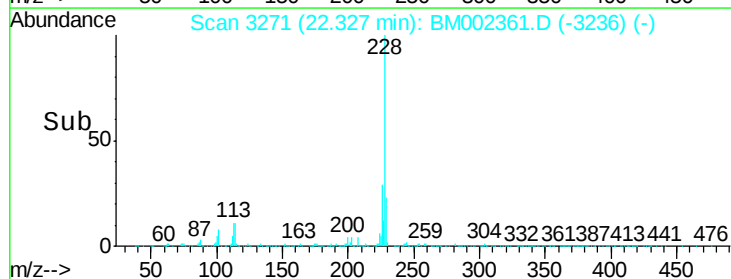
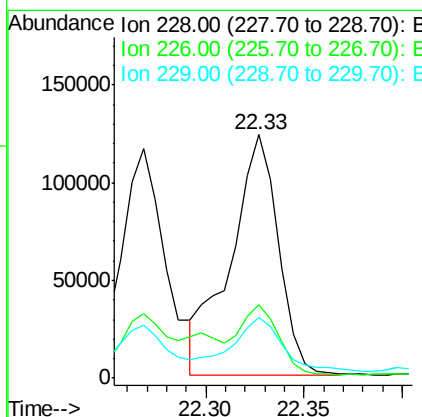
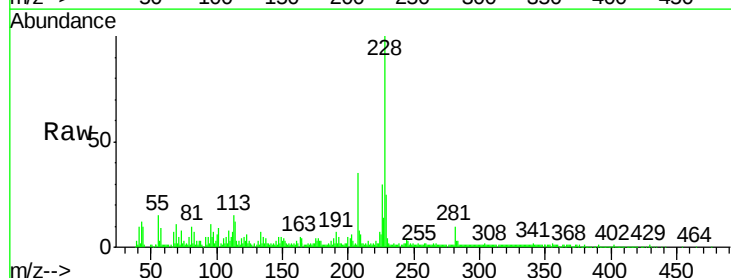
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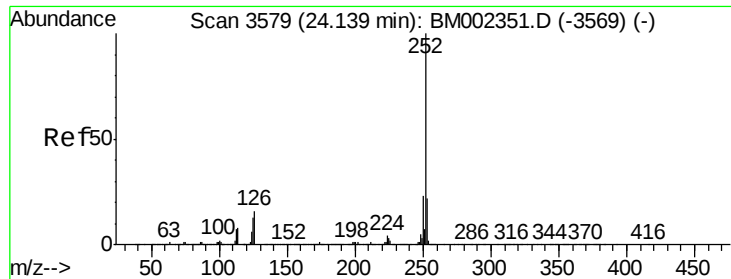
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#21
Chrysene
Concen: 5.63 ng/ul m
RT: 22.33 min Scan# 3271
Delta R.T. 0.01 min
Lab File: BM002361.D
Acq: 12 Aug 2015 15:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	24.8	15.5	23.3#





#23

Benzo(b)fluoranthene

Concen: 7.57 ng/ul

RT: 24.15 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BM002361.D

Acq: 12 Aug 2015 15:11

Instrument :

BNA_M

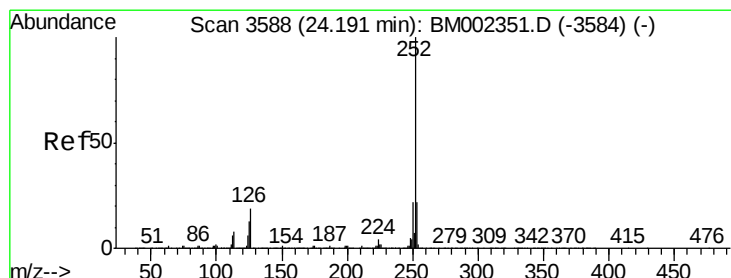
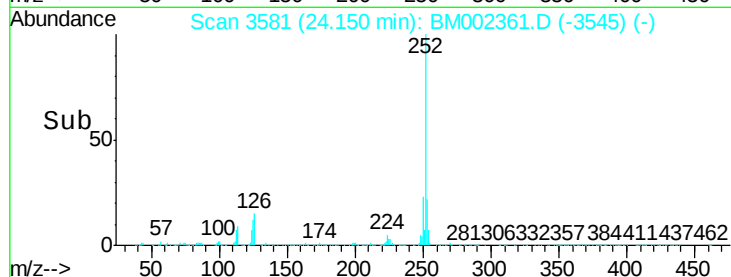
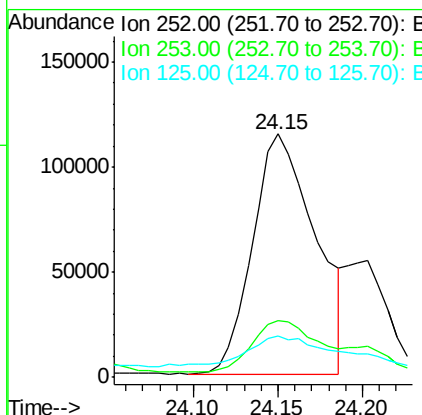
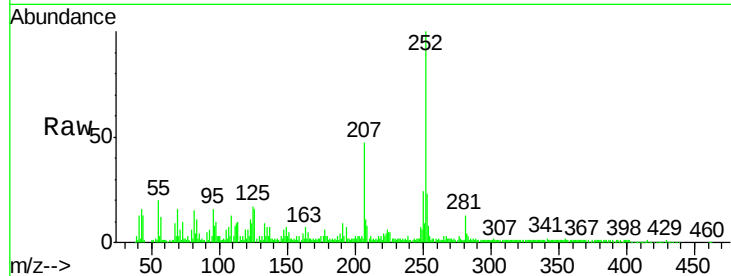
ClientSampleId :

D9C94

Tot Ion	Ratio	Resp	Lower	Upper
252	100	295198		
253	23.4	17.9	26.9	
125	16.7	10.3	15.5	

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#24

Benzo(k)fluoranthene

Concen: 2.55 ng/ul m

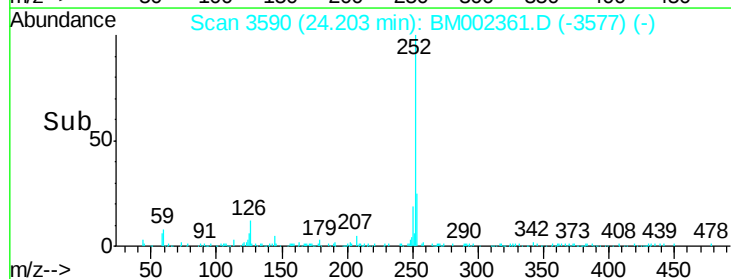
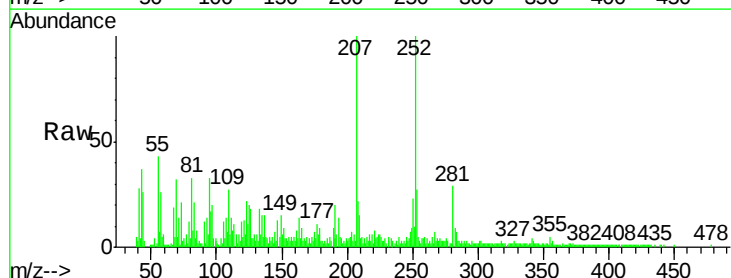
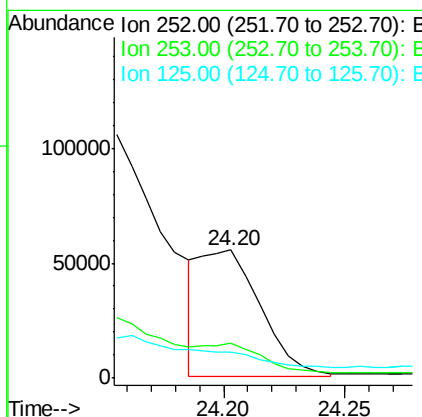
RT: 24.20 min Scan# 3590

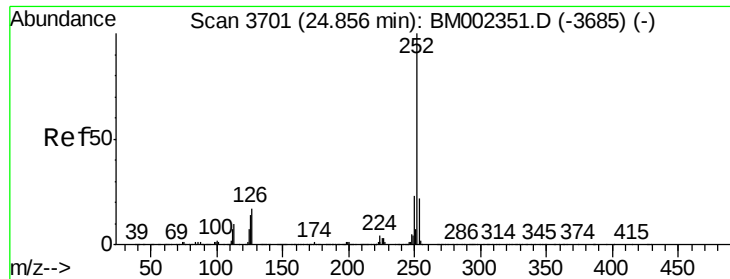
Delta R.T. 0.01 min

Lab File: BM002361.D

Acq: 12 Aug 2015 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	95275		
253	27.1	17.3	25.9	
125	20.4	10.2	15.4	





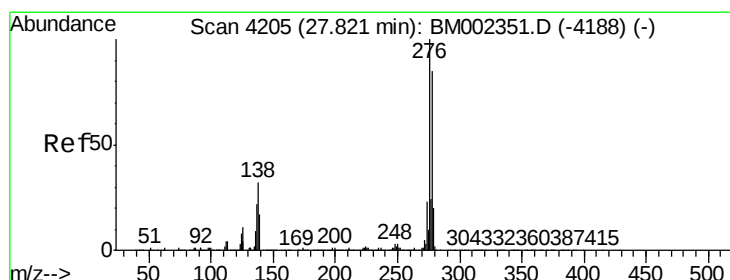
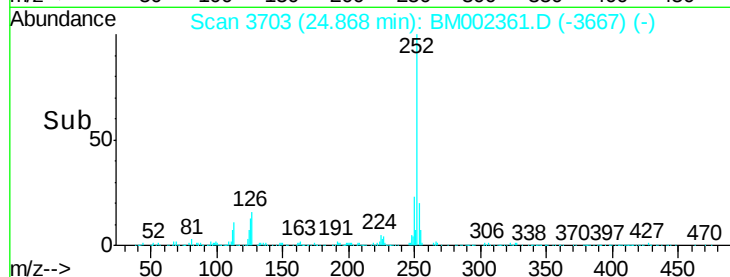
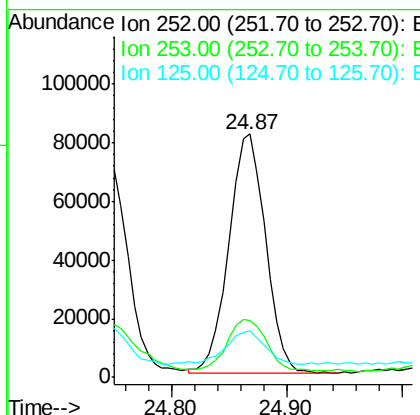
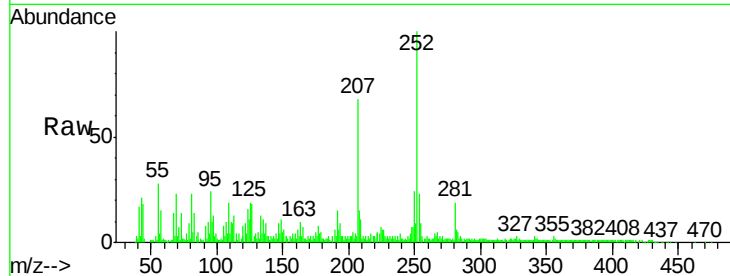
#26
Benzo(a)pyrene
Concen: 4.82 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BM002361.D
Acq: 12 Aug 2015 15:11

Instrument :
BNA_M
ClientSampleId :
D9C94

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	17.3	25.9
125	18.9	11.0	16.6

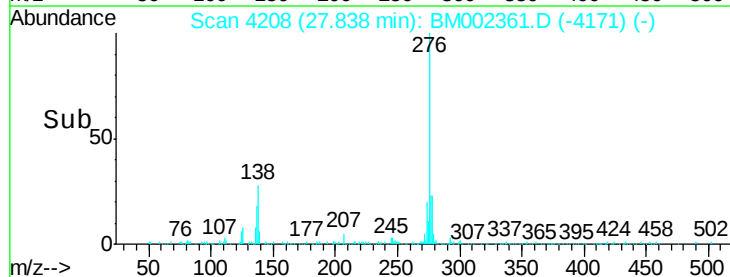
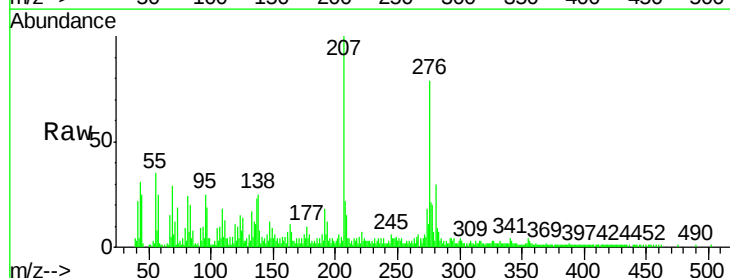
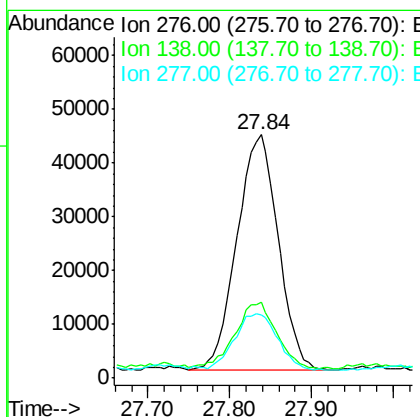
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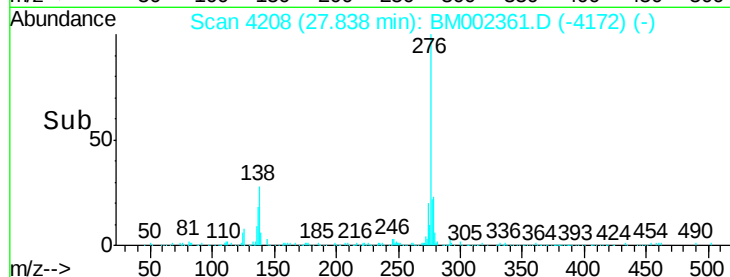
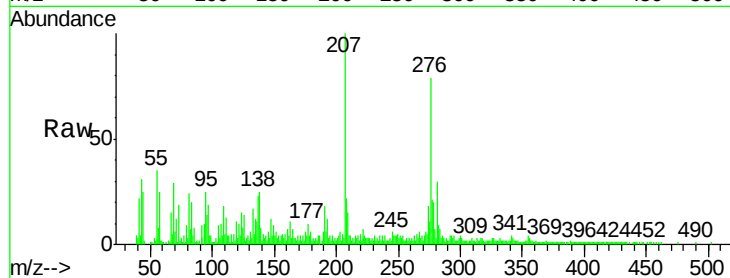
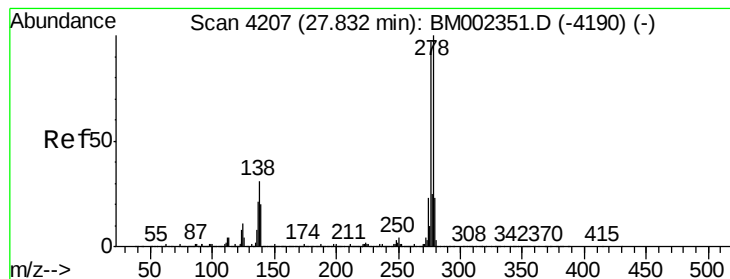
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.62 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. 0.02 min
Lab File: BM002361.D
Acq: 12 Aug 2015 15:11

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.1	25.6	38.4
277	26.0	21.0	31.4





#28

Dibenzo(a,h)anthracene

Concen: 1.19 ng/ul

RT: 27.84 min Scan# 4208

Delta R.T. 0.01 min

Lab File: BM002361.D

Acq: 12 Aug 2015 15:11

Tot Ion:	278	Resp:	43255
Ion Ratio	Lower	Upper	
278	100		
139	42.6	16.4	24.6#
279	36.5	18.8	28.2#

Instrument :

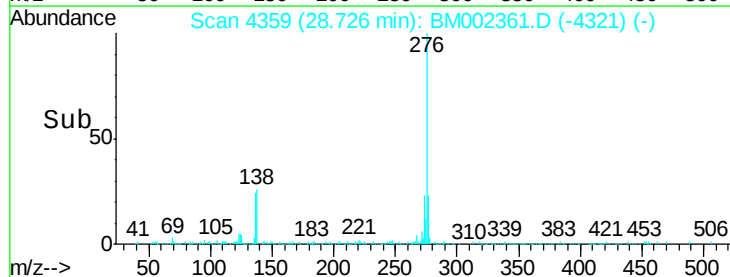
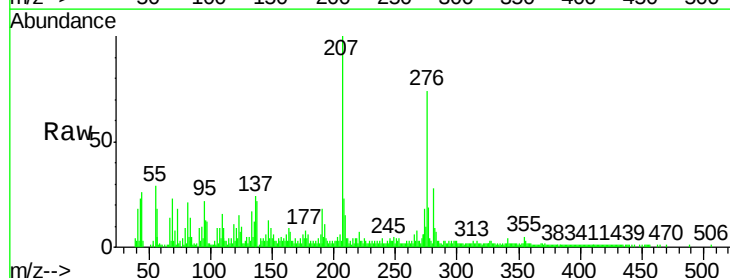
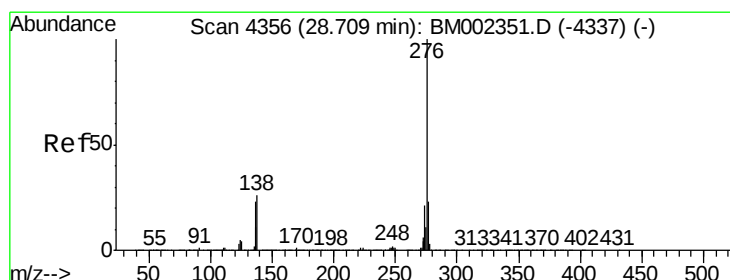
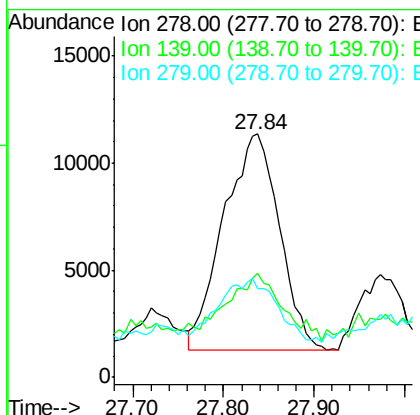
BNA_M

ClientSampleId :

D9C94

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#29

Benzo(g,h,i)perylene

Concen: 4.11 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. 0.02 min

Lab File: BM002361.D

Acq: 12 Aug 2015 15:11

Tgt Ion:	276	Resp:	148244
Ion Ratio	Lower	Upper	
276	100		
138	29.1	20.5	30.7
277	26.2	19.0	28.6

