

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002369.D
 Acq On : 12 Aug 2015 20:09
 Operator : UM/IZ
 Sample : G3163-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C99

Manual Integrations
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MMDadoda
 8/13/2015 10:58:06 AM

Quant Time: Aug 13 00:58:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 00:45:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	204290	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	951744	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	499688	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	869672	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	610982	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	619670	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	978372	18.90	ng/ul	0.00
10) Fluorene-d10	16.46	176	627609	17.43	ng/ul	0.00
14) Anthracene-d10	18.30	188	784746	18.60	ng/ul	0.00
18) Pyrene-d10	20.52	212	620848	20.95	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	572366	17.40	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.83	128	101233	2.02	ng/ul	98
4) 2-Methylnaphthalene	13.37	142	53728	1.50	ng/ul	95
5) 1-Methylnaphthalene	13.58	142	40140	1.14	ng/ul	97
8) Acenaphthylene	15.22	152	107423	2.00	ng/ul	99
9) Acenaphthene	15.55	153	77517	2.14	ng/ul	95
11) Fluorene	16.52	166	59340	1.46	ng/ul#	97
13) Phenanthrene	18.24	178	719491	14.37	ng/ul	99
15) Anthracene	18.33	178	251088	4.86	ng/ul	99
16) Fluoranthene	20.19	202	1177779	21.25	ng/ul	99
19) Pyrene	20.54	202	959382	24.29	ng/ul	96
20) Benzo(a)anthracene	22.27	228	656251	17.60	ng/ul	98
21) Chrysene	22.33	228	636112	18.00	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	1097641	28.50	ng/ul	98
24) Benzo(k)fluoranthene	24.20	252	323968m	8.76	ng/ul	
26) Benzo(a)pyrene	24.87	252	633883	17.20	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	481880	11.41	ng/ul	95
28) Dibenzo(a,h)anthracene	27.84	278	135815	3.79	ng/ul#	80
29) Benzo(g,h,i)perylene	28.74	276	431794	12.12	ng/ul	96

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

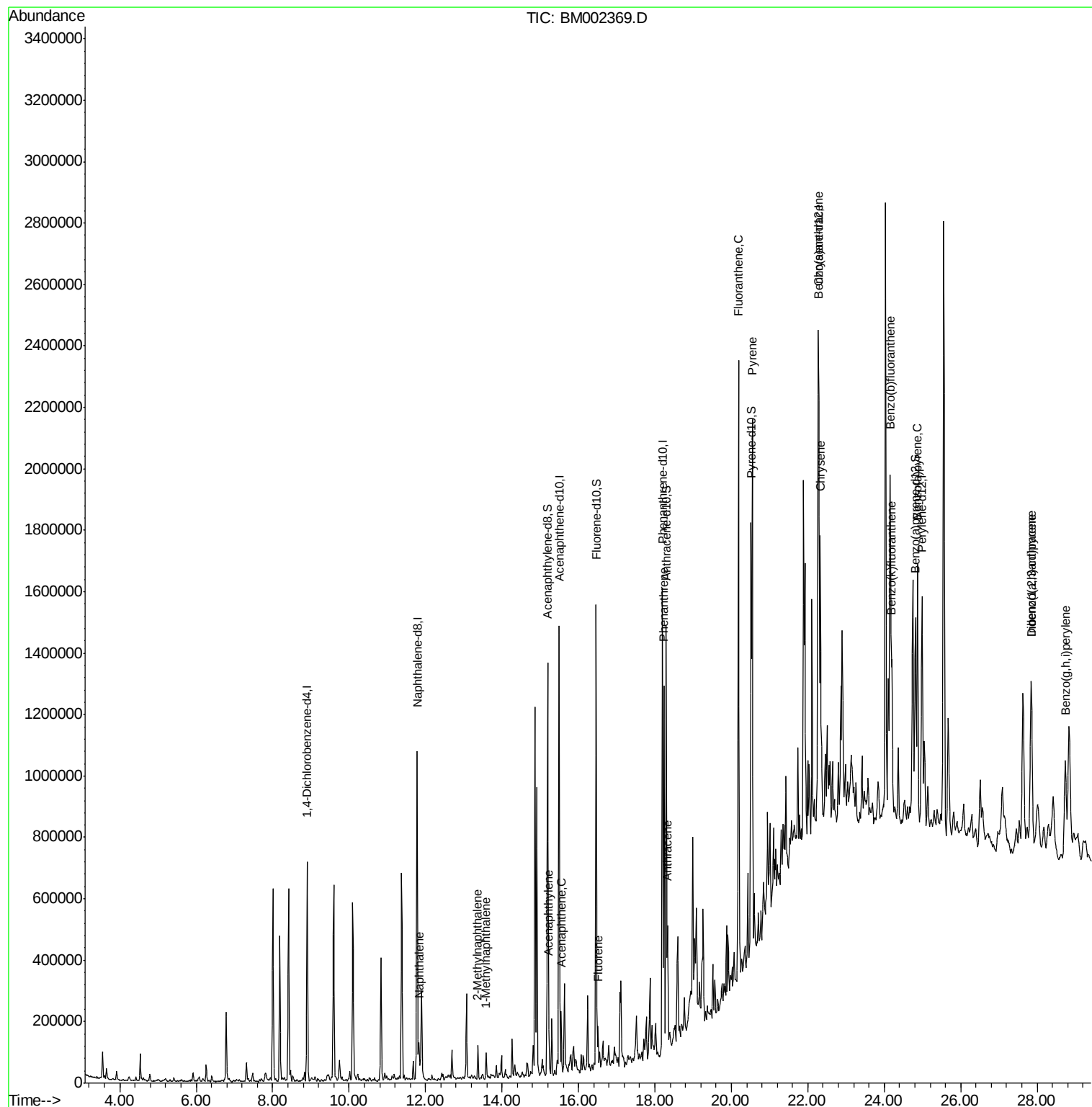
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002369.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

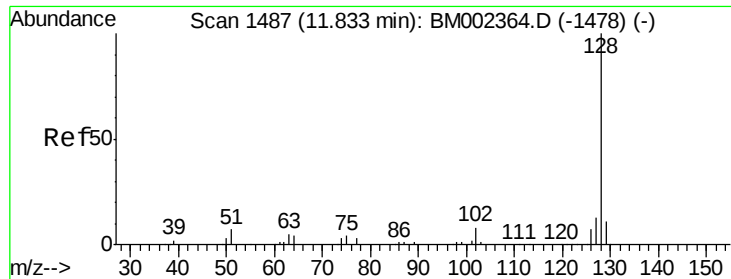
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
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#3

Naphthalene

Concen: 2.02 ng/ul

RT: 11.83 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BM002369.D

Acq: 12 Aug 2015 20:09

Instrument :

BNA_M

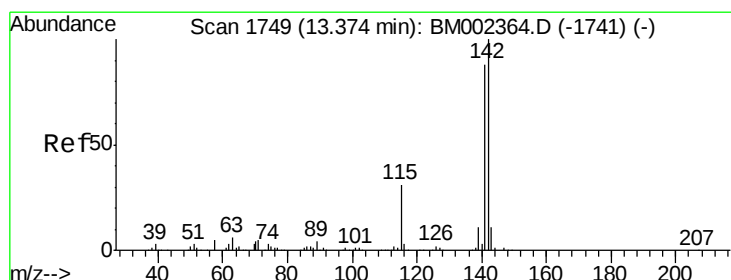
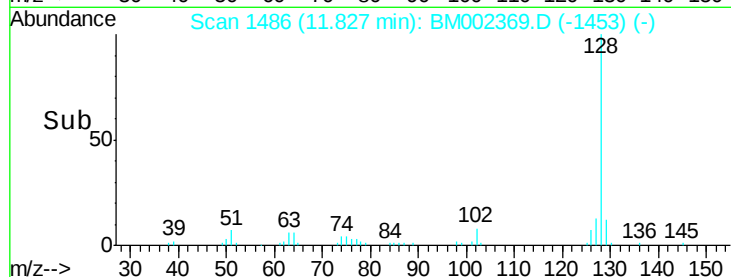
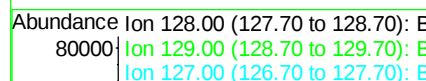
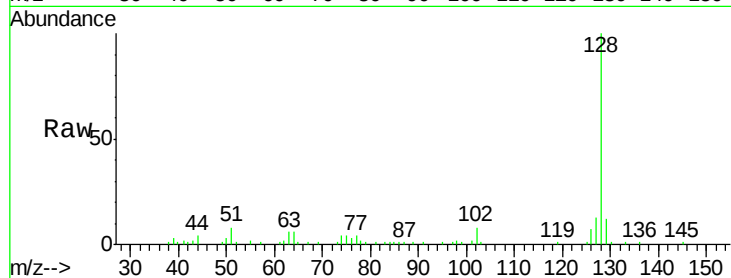
ClientSampleId :

D9C99

Tgt Ion:	128	Resp:	101233
Ion Ratio		Lower	Upper
128	100		
129	12.0	8.6	12.8
127	12.6	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.50 ng/ul

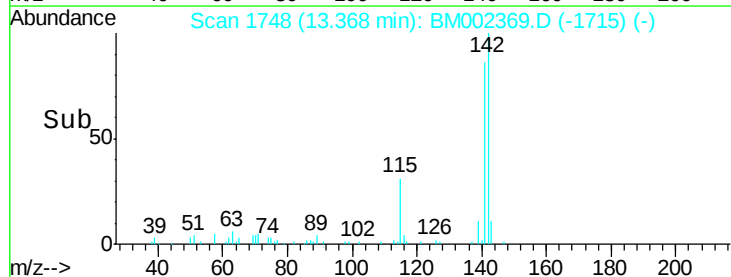
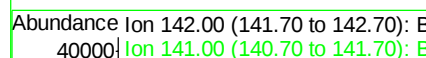
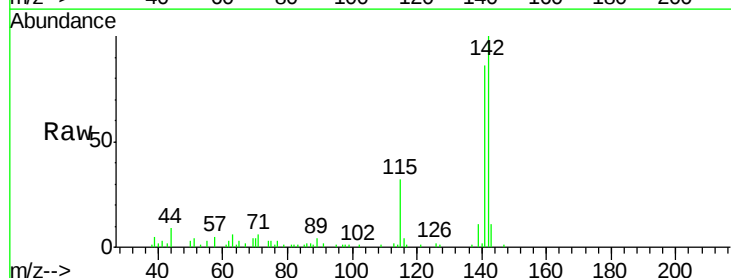
RT: 13.37 min Scan# 1748

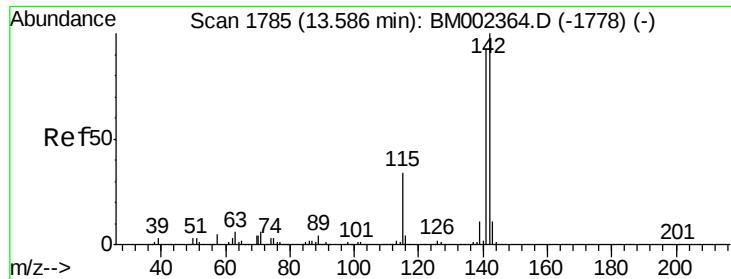
Delta R.T. -0.01 min

Lab File: BM002369.D

Acq: 12 Aug 2015 20:09

Tgt Ion:	142	Resp:	53728
Ion Ratio		Lower	Upper
142	100		
141	86.3	72.5	108.7





#5

1-Methylnaphthalene

Concen: 1.14 ng/ul

RT: 13.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BM002369.D

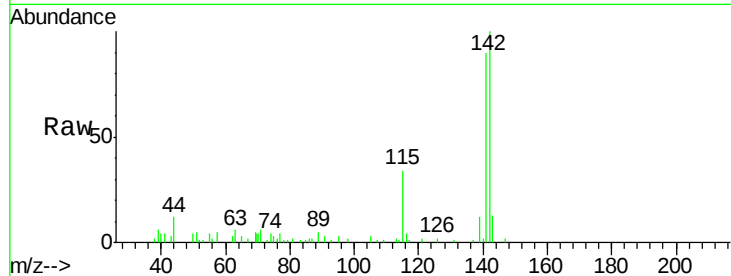
Acq: 12 Aug 2015 20:09

Instrument :

BNA_M

ClientSampleId :

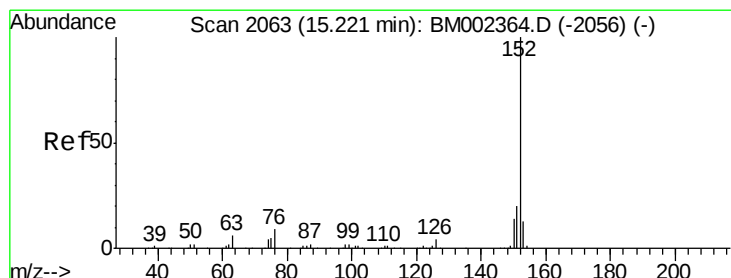
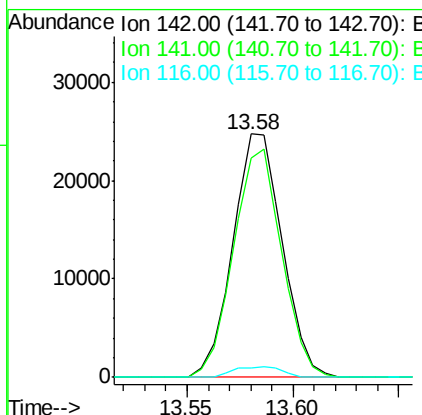
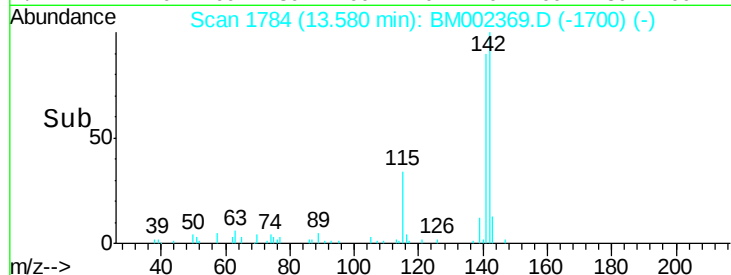
D9C99



Tgt Ion:	142	Resp:	40140
Ion Ratio	Lower	Upper	
142	100		
141	90.0	74.5	111.7
116	3.7	3.0	4.4

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#8

Acenaphthylene

Concen: 2.00 ng/ul

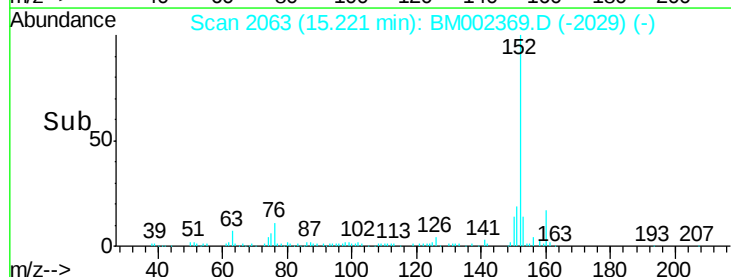
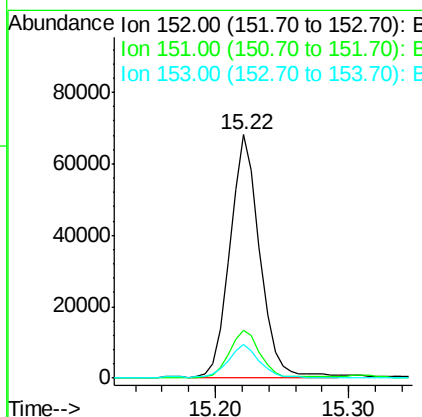
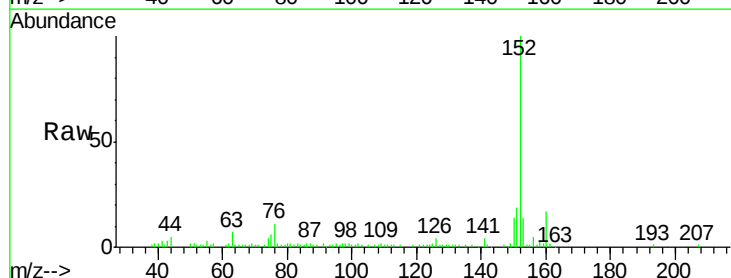
RT: 15.22 min Scan# 2063

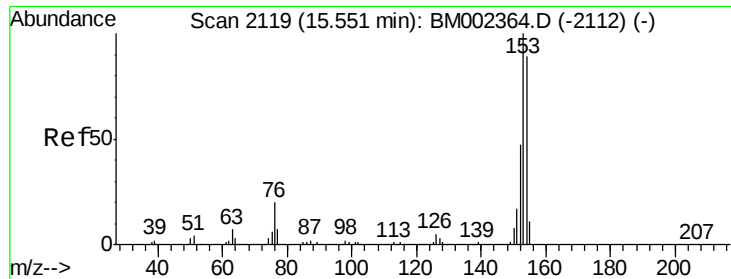
Delta R.T. -0.00 min

Lab File: BM002369.D

Acq: 12 Aug 2015 20:09

Tgt Ion:	152	Resp:	107423
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.9	23.9
153	13.6	10.6	15.8





#9

Acenaphthene

Concen: 2.14 ng/ul

RT: 15.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BM002369.D

Acq: 12 Aug 2015 20:09

Instrument :

BNA_M

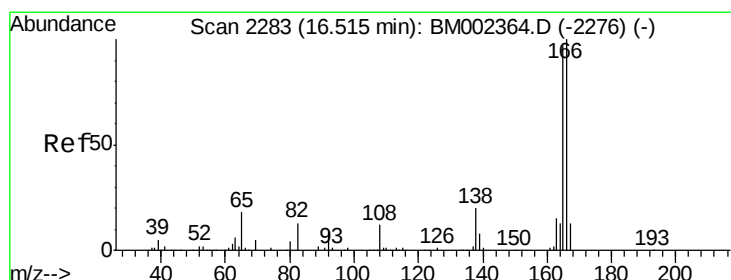
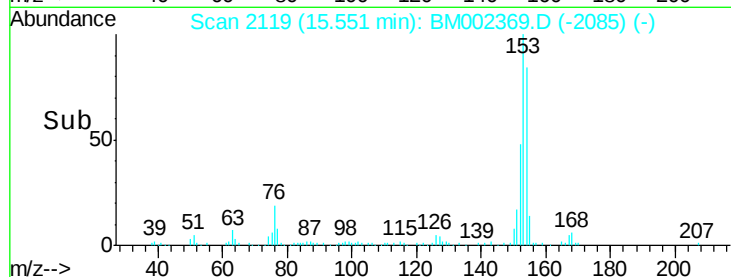
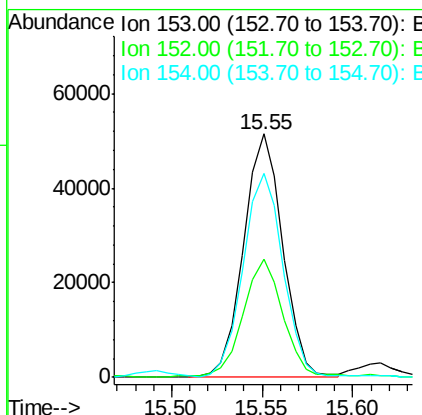
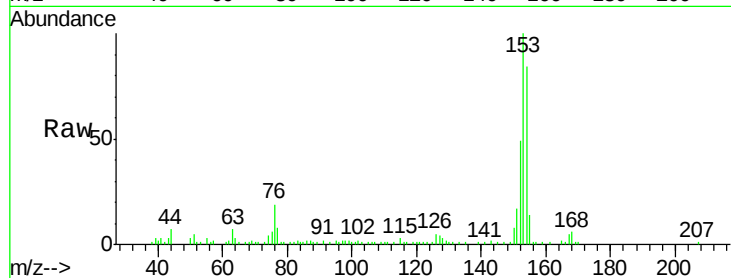
ClientSampleId :

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Tgt Ion:	153	Resp:	77517
Ion Ratio	Lower	Upper	
153	100		
152	48.7	36.6	55.0
154	83.9	71.5	107.3



#11

Fluorene

Concen: 1.46 ng/ul

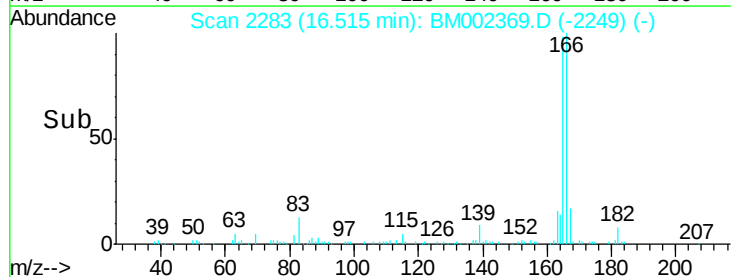
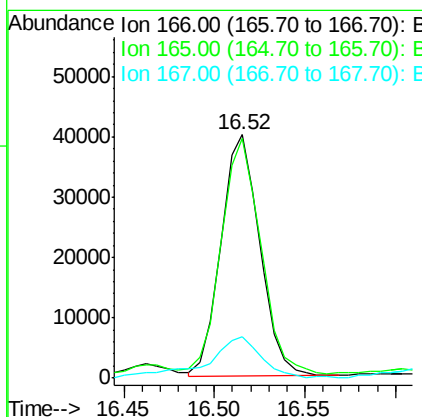
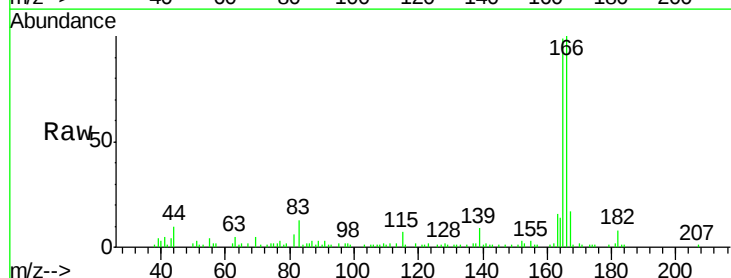
RT: 16.52 min Scan# 2283

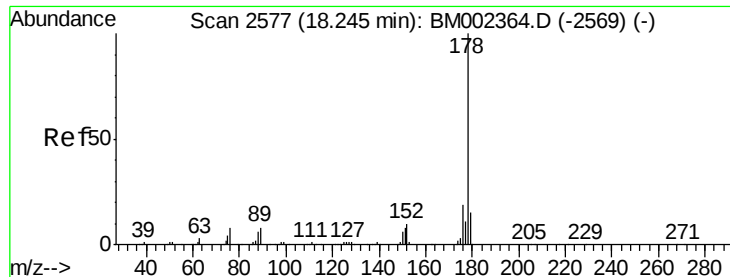
Delta R.T. -0.00 min

Lab File: BM002369.D

Acq: 12 Aug 2015 20:09

Tgt Ion:	166	Resp:	59340
Ion Ratio	Lower	Upper	
166	100		
165	98.7	77.5	116.3
167	17.0	10.4	15.6#





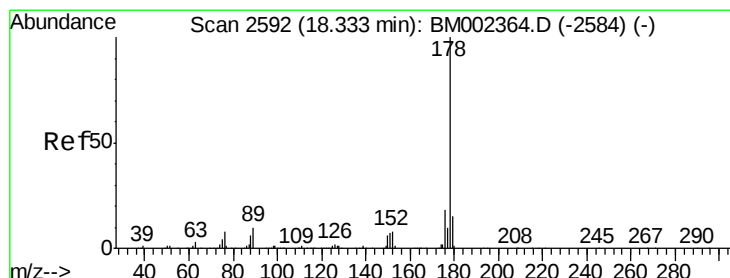
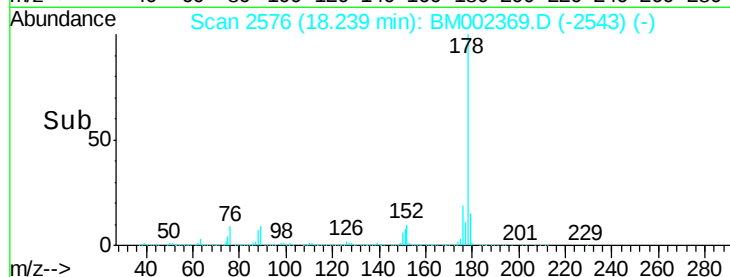
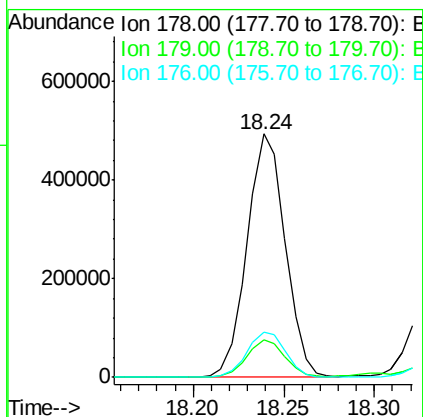
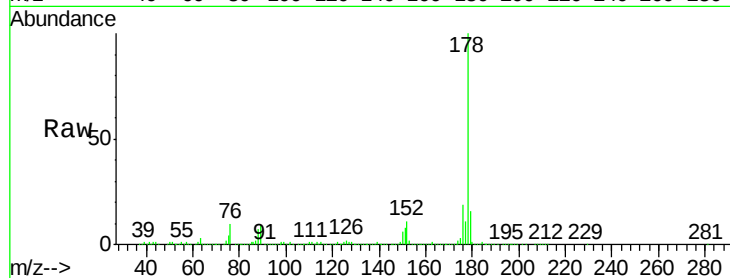
#13
Phenanthrene
Concen: 14.37 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.6	15.3	22.9

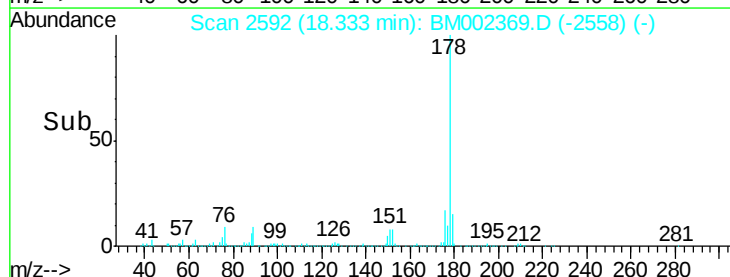
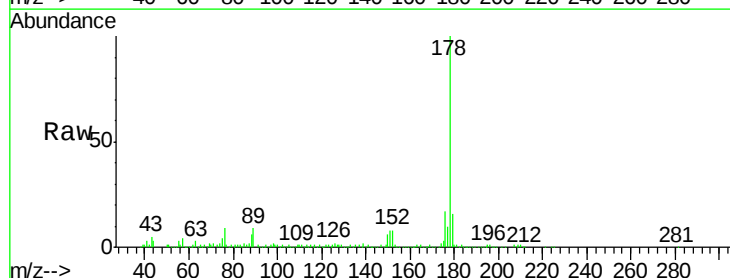
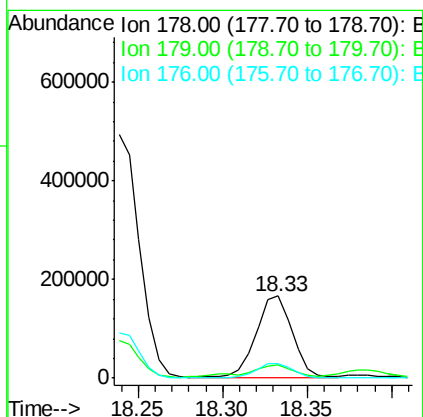
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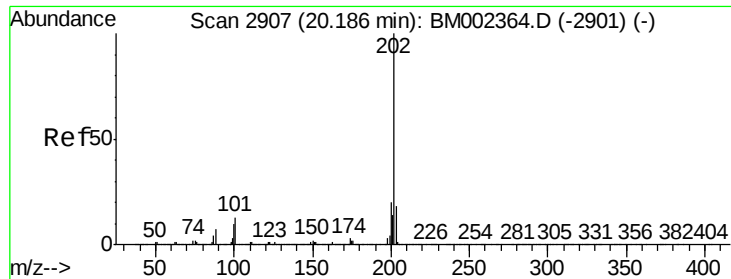
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#15
Anthracene
Concen: 4.86 ng/ul
RT: 18.33 min Scan# 2592
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	17.5	14.5	21.7





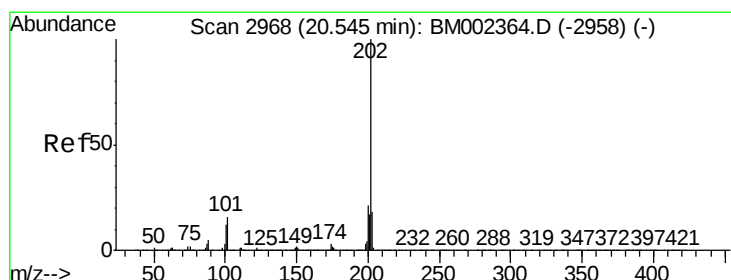
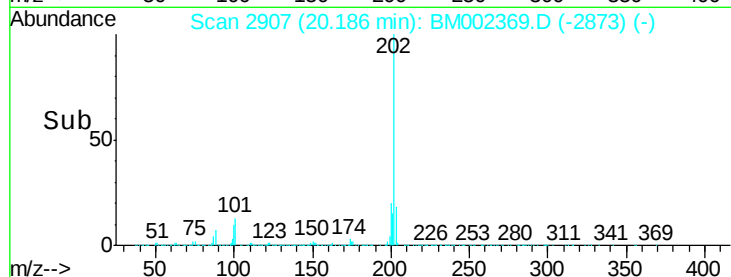
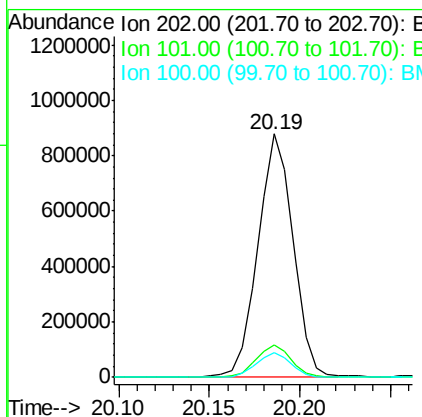
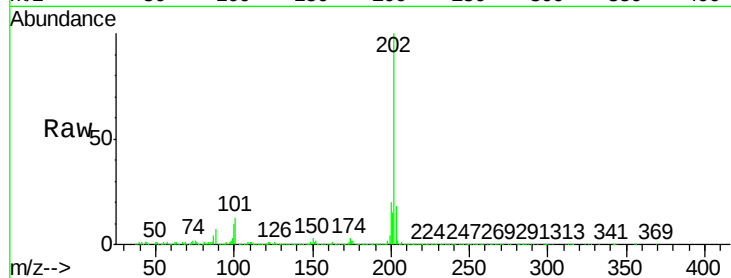
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 Fluoranthene
 Concen: 21.25 ng/ul
 RT: 20.19 min Scan# 2907
 Delta R.T. -0.00 min
 Lab File: BM002369.D
 Acq: 12 Aug 2015 20:09

Instrument :
 BNA_M
 ClientSampleId :
 D9C99

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	10.1	8.2	12.4

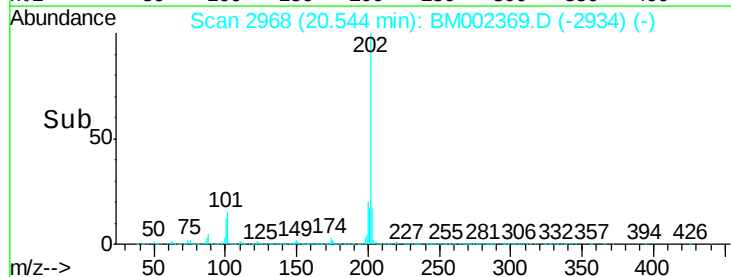
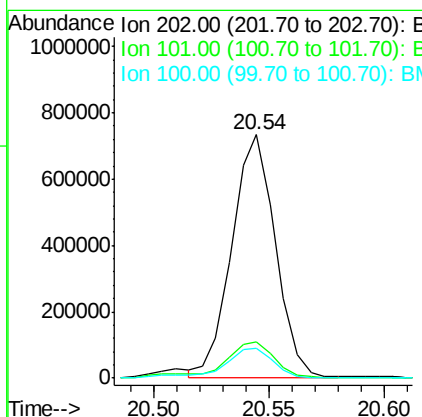
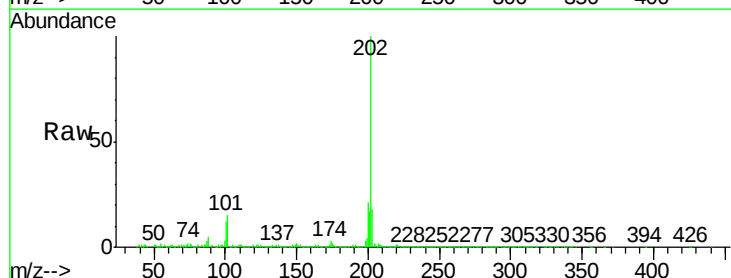
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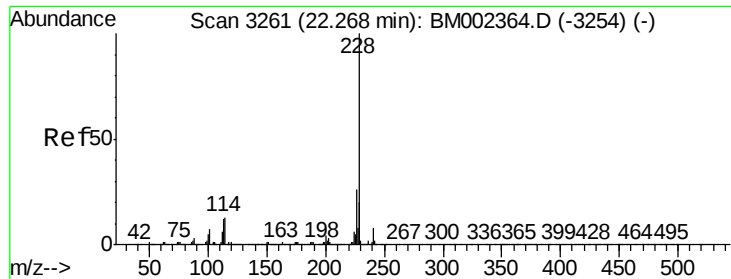
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#19
 Pyrene
 Concen: 24.29 ng/ul
 RT: 20.54 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BM002369.D
 Acq: 12 Aug 2015 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	13.0	19.6
100	12.2	11.0	16.4





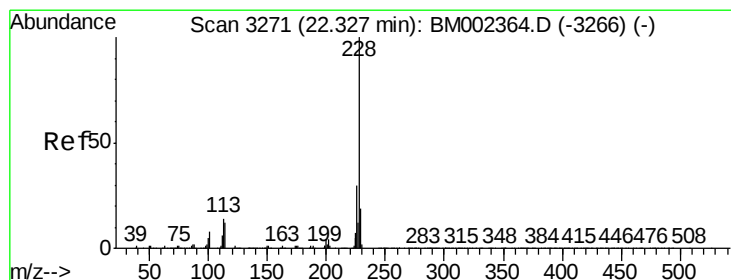
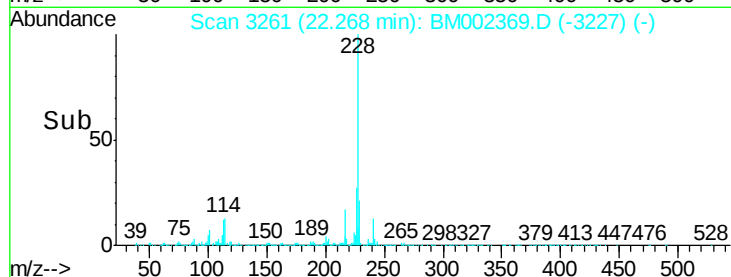
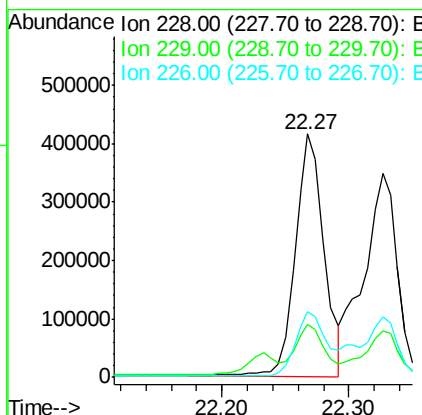
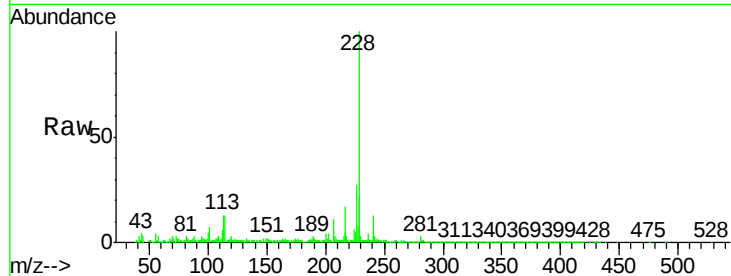
#20
Benzo(a)anthracene
Concen: 17.60 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
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ClientSampleId :
D9C99

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	27.2	21.4	32.0

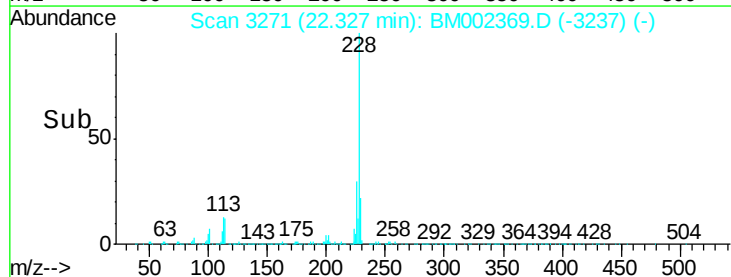
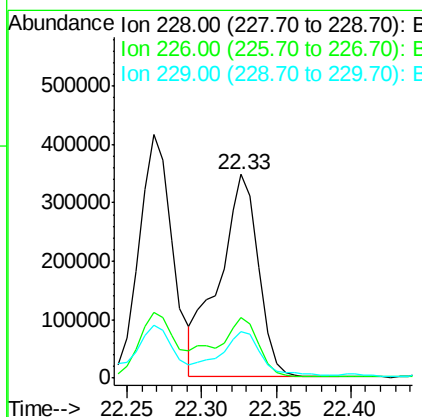
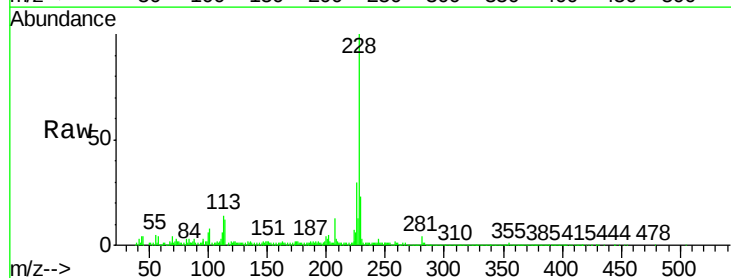
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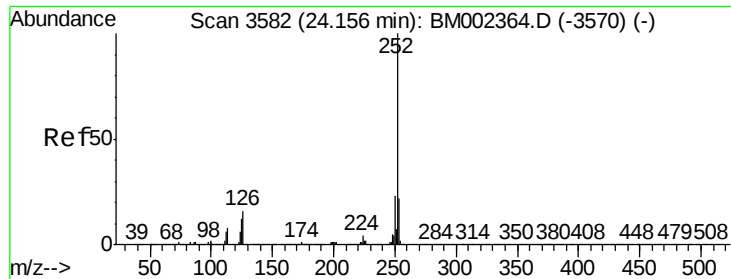
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#21
Chrysene
Concen: 18.00 ng/ul
RT: 22.33 min Scan# 3271
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	23.1	15.5	23.3





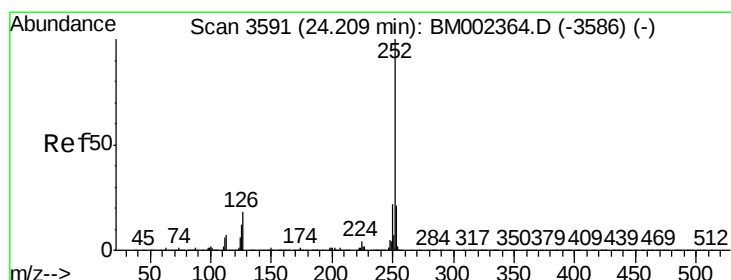
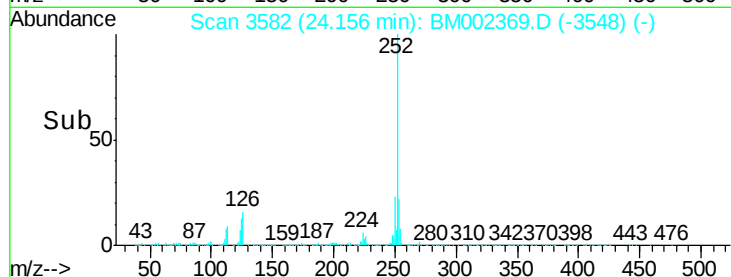
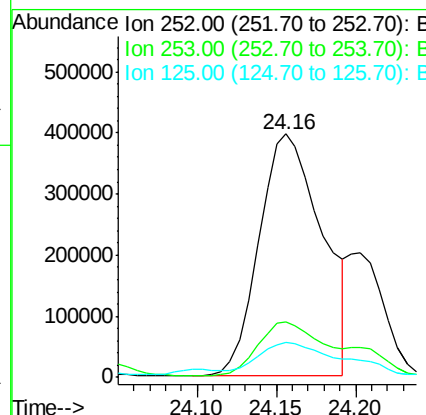
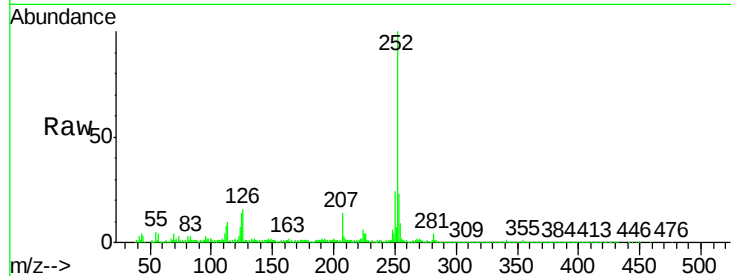
#23
Benzo(b)fluoranthene
Concen: 28.50 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.2	10.3	15.5

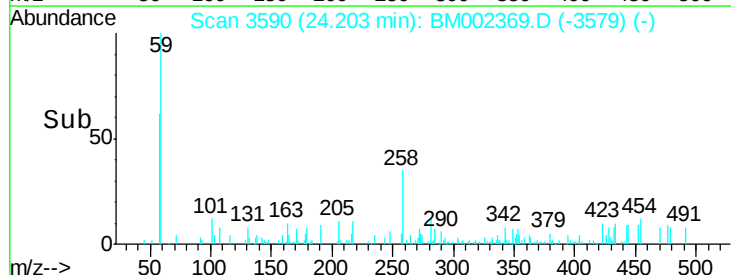
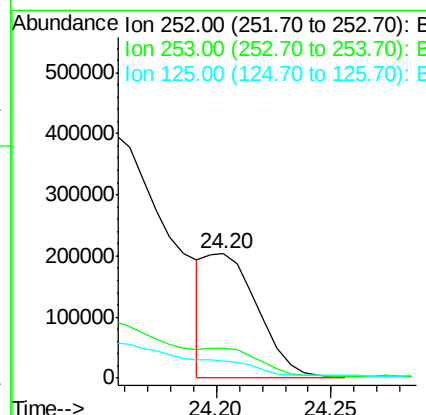
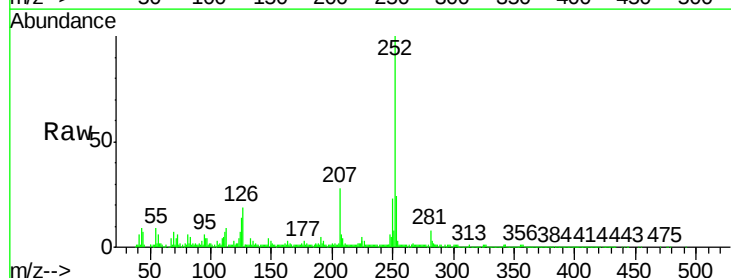
Manual Integrations
APPROVED

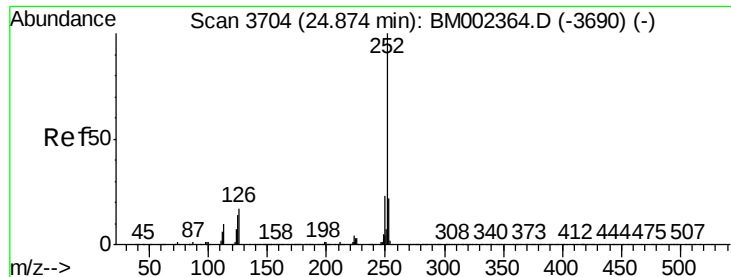
MMDadoda
8/13/2015 10:58:06 AM



#24
Benzo(k)fluoranthene
Concen: 8.76 ng/ul m
RT: 24.20 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	14.0	10.2	15.4





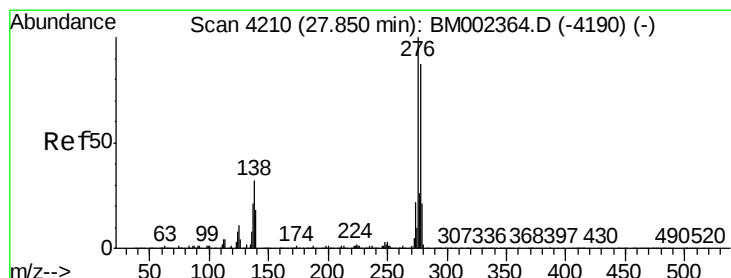
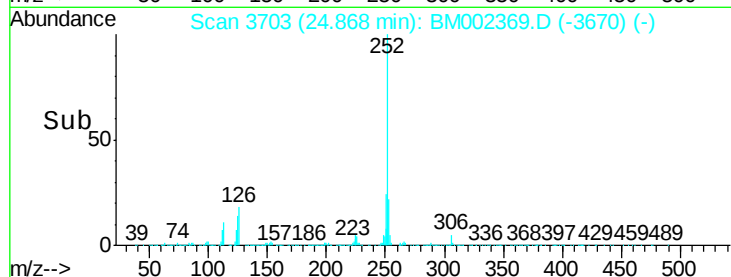
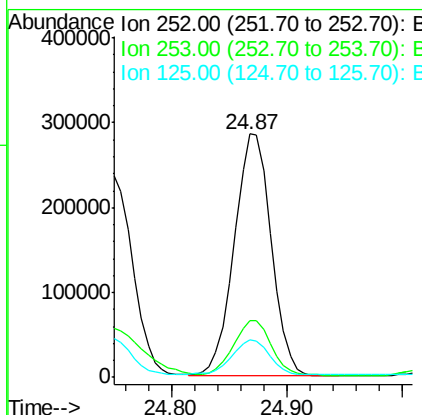
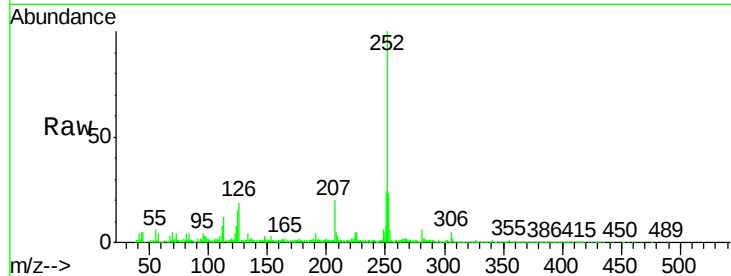
#26
Benzo(a)pyrene
Concen: 17.20 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	633883		
253	23.3	17.3	25.9	
125	15.2	11.0	16.6	

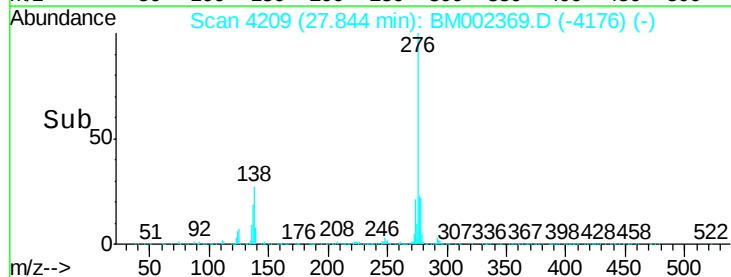
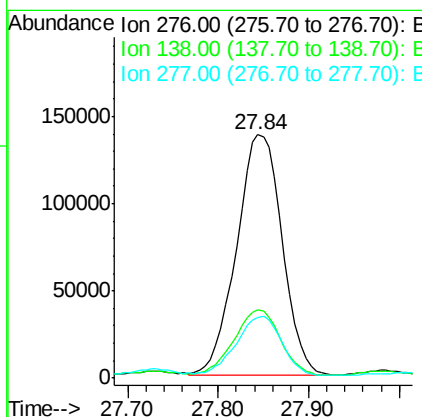
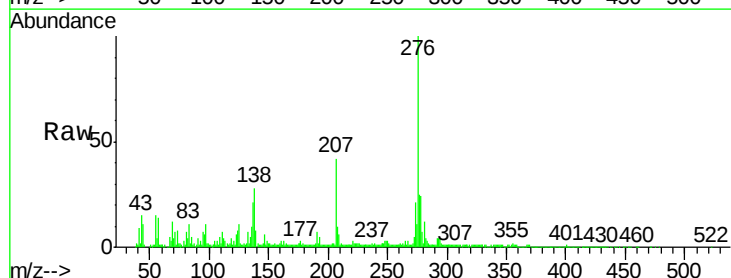
Manual Integrations
APPROVED

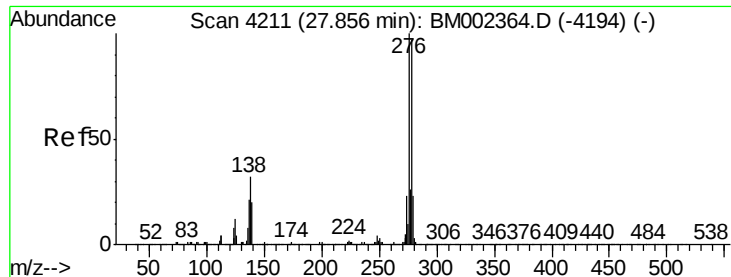
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#27
Indeno(1,2,3-cd)pyrene
Concen: 11.41 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	481880		
138	28.1	25.6	38.4	
277	24.8	21.0	31.4	





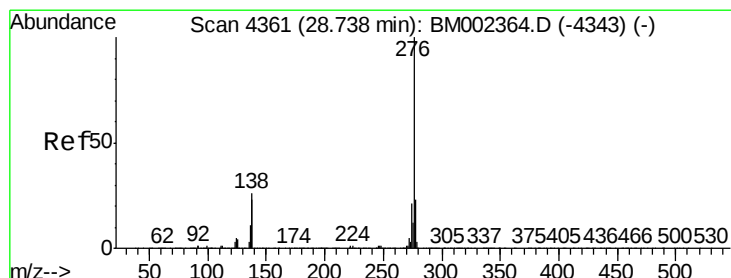
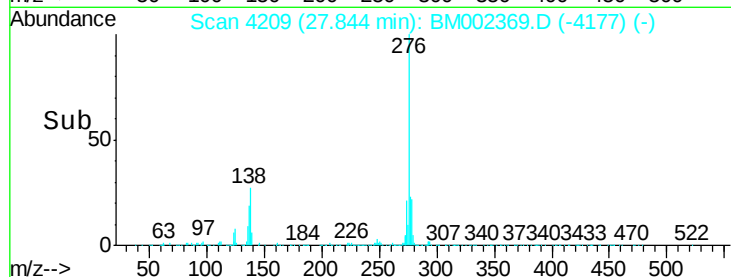
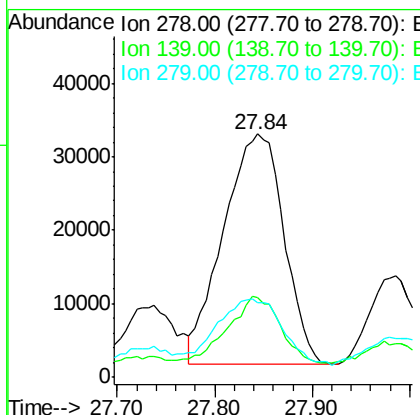
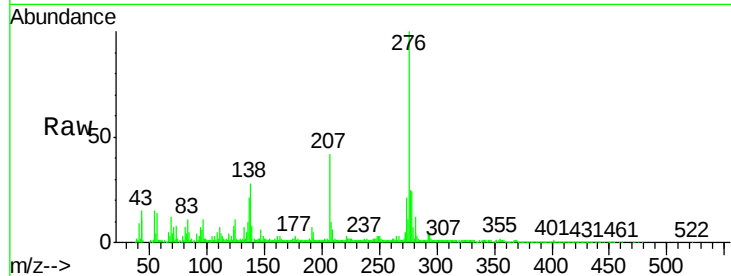
#28
Dibenzo(a,h)anthracene
Concen: 3.79 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.6	16.4	24.6#
279	30.9	18.8	28.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 12.12 ng/ul
RT: 28.74 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	20.5	30.7
277	24.5	19.0	28.6

