

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
 Data File : BM002366.D
 Acq On : 12 Aug 2015 18:19
 Operator : UM/IZ
 Sample : G3163-11MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C97MS

Manual Integrations
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Quant Time: Aug 12 19:01:08 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	206984	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	954019	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	517493	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	912778	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	632858	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	627203	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1433160	26.73	ng/ul	0.00
10) Fluorene-d10	16.46	176	923528	24.77	ng/ul	0.00
14) Anthracene-d10	18.30	188	1180143	26.64	ng/ul	0.00
18) Pyrene-d10	20.52	212	948054	30.89	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	880006	26.42	ng/ul	0.02
Target Compounds						
3) Naphthalene	11.83	128	62841	1.25	ng/ul	Qvalue 100
4) 2-Methylnaphthalene	13.37	142	38495	1.07	ng/ul	97
8) Acenaphthylene	15.22	152	129255	2.32	ng/ul	99
9) Acenaphthene	15.55	153	828655	22.13	ng/ul	99
13) Phenanthrene	18.24	178	304116	5.79	ng/ul	100
15) Anthracene	18.33	178	165699	3.05	ng/ul	99
16) Fluoranthene	20.19	202	673317	11.58	ng/ul	100
19) Pyrene	20.54	202	1686084	41.21	ng/ul	99
20) Benzo(a)anthracene	22.27	228	457975	11.85	ng/ul	98
21) Chrysene	22.33	228	453251m	12.38	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	845651	21.69	ng/ul	97
24) Benzo(k)fluoranthene	24.20	252	269324m	7.19	ng/ul	
26) Benzo(a)pyrene	24.87	252	497205	13.33	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	27.85	276	347612	8.13	ng/ul	94
28) Dibenzo(a,h)anthracene	27.84	278	99961	2.76	ng/ul#	76
29) Benzo(g,h,i)perylene	28.74	276	302175	8.38	ng/ul	96

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

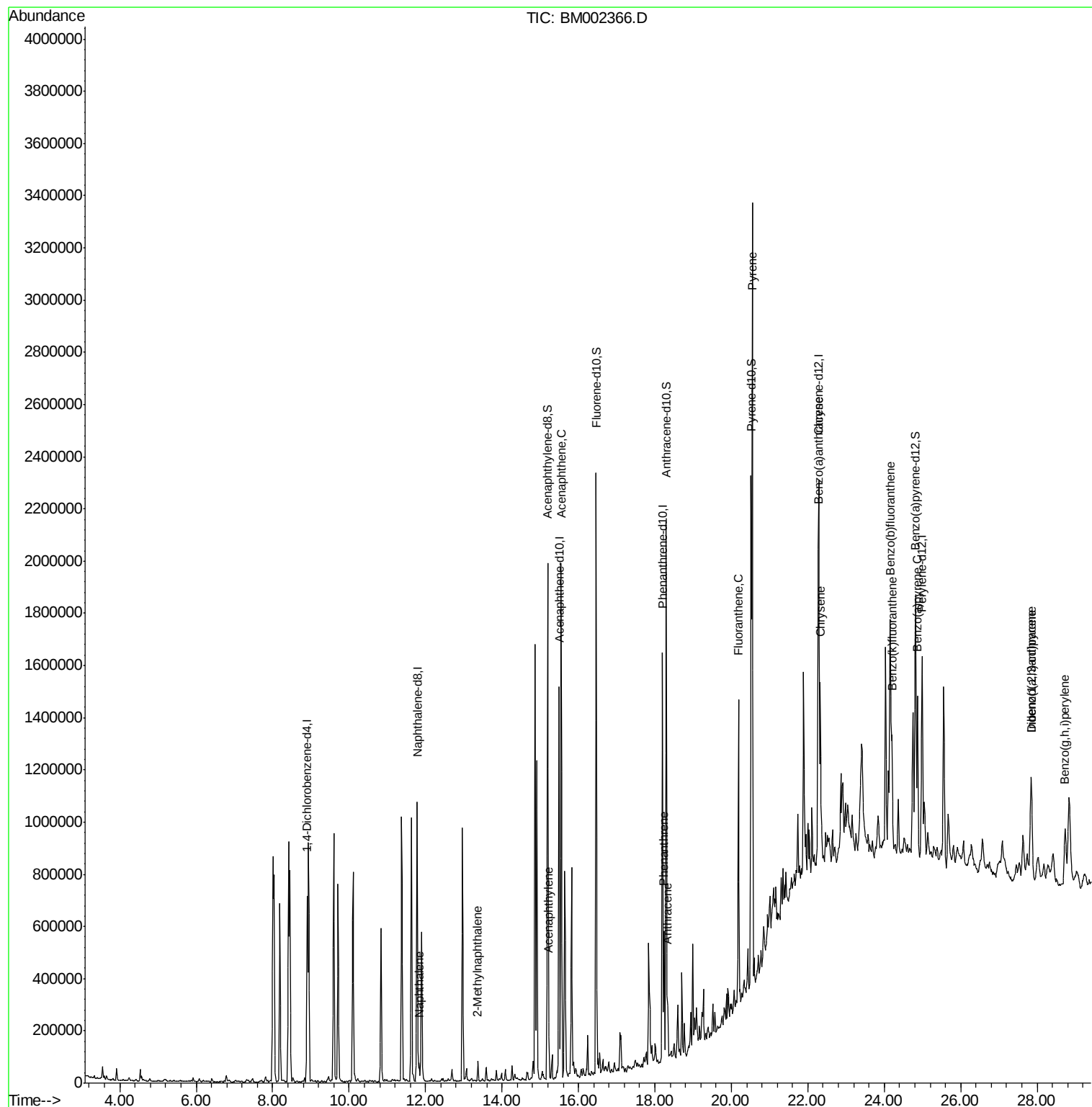
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002366.D
Acq On : 12 Aug 2015 18:19
Operator : UM/IZ
Sample : G3163-11MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

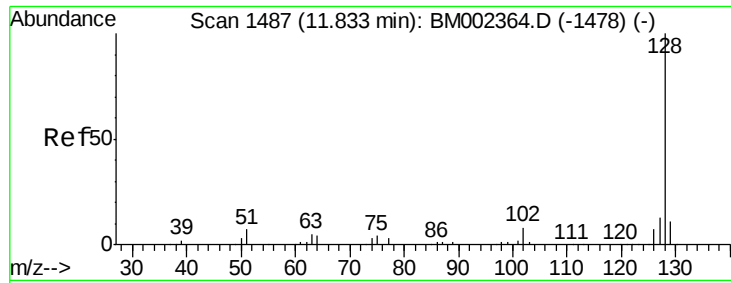
Instrument :
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Quant Time: Aug 12 19:01:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.25 ng/ul

RT: 11.83 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM002366.D

Acq: 12 Aug 2015 18:19

Instrument :

BNA_M

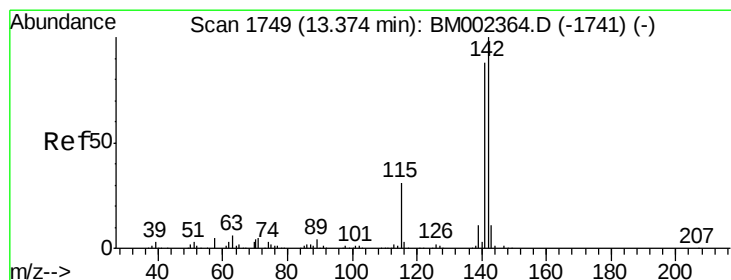
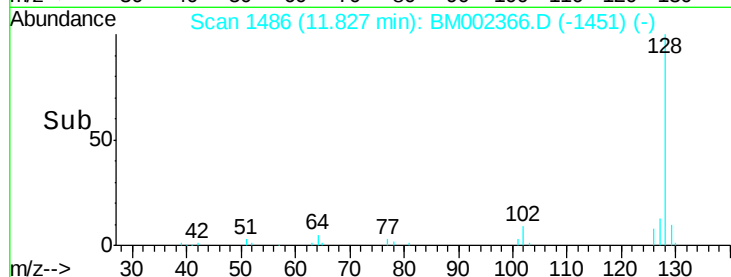
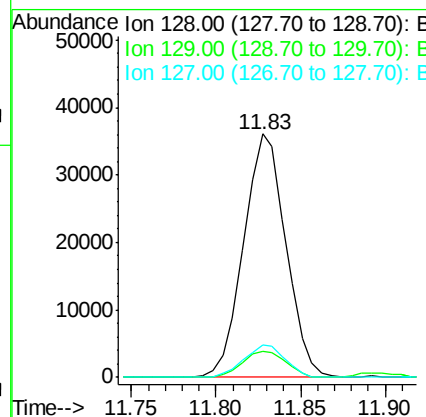
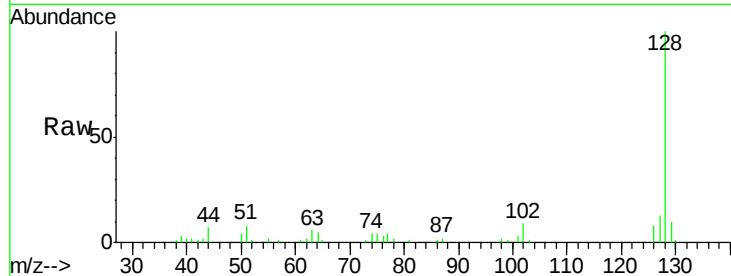
ClientSampleId :

D9C97MS

Tgt Ion:	128	Resp:	62841
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.6	12.8
127	13.1	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.07 ng/ul

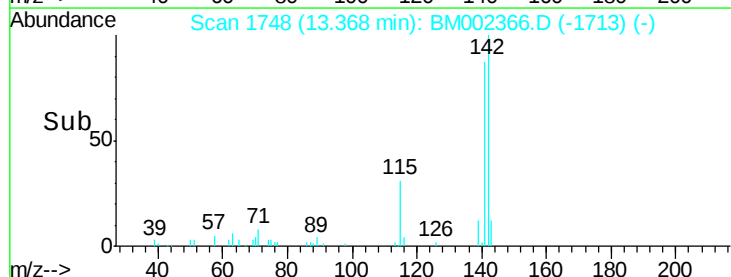
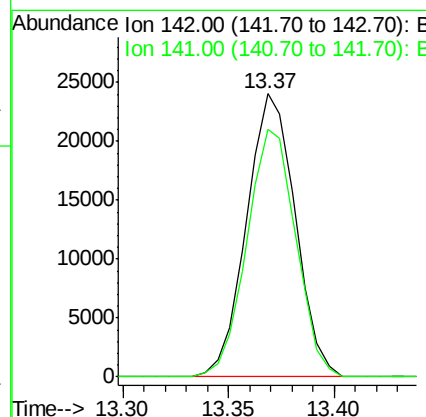
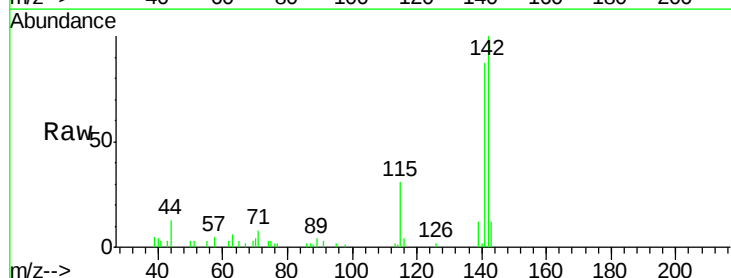
RT: 13.37 min Scan# 1748

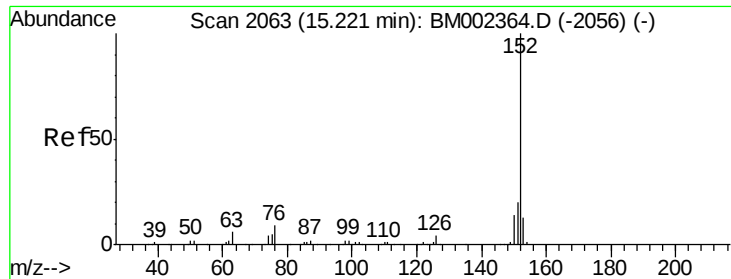
Delta R.T. 0.01 min

Lab File: BM002366.D

Acq: 12 Aug 2015 18:19

Tgt Ion:	142	Resp:	38495
Ion Ratio	Lower	Upper	
142	100		
141	87.4	72.5	108.7





#8

Acenaphthylene

Concen: 2.32 ng/ul

RT: 15.22 min Scan# 2063

Delta R.T. 0.01 min

Lab File: BM002366.D

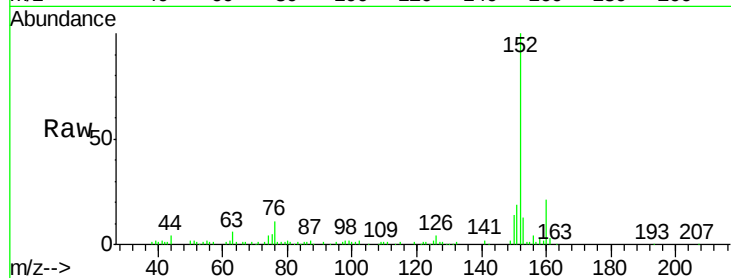
Acq: 12 Aug 2015 18:19

Instrument :

BNA_M

ClientSampleId :

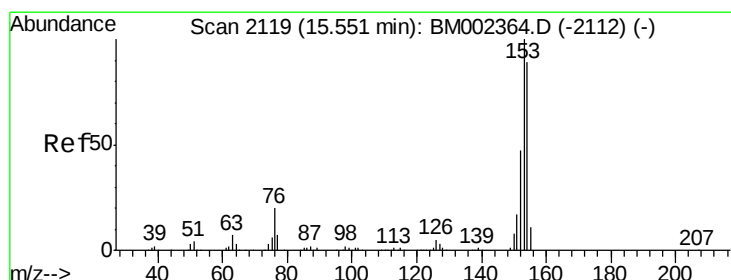
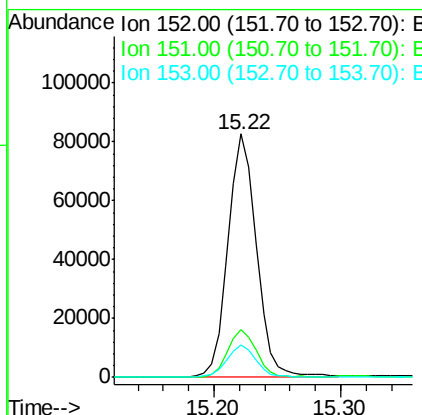
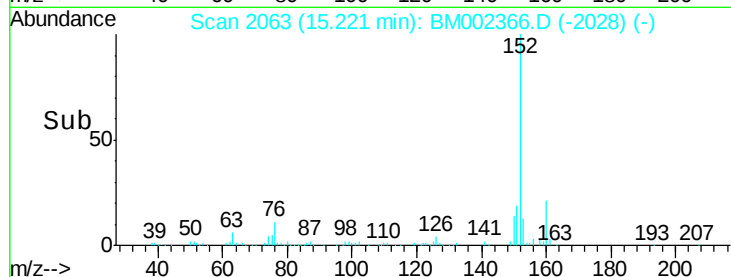
D9C97MS



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	129255		
151	19.5	15.9	23.9	
153	13.2	10.6	15.8	

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#9

Acenaphthene

Concen: 22.13 ng/ul

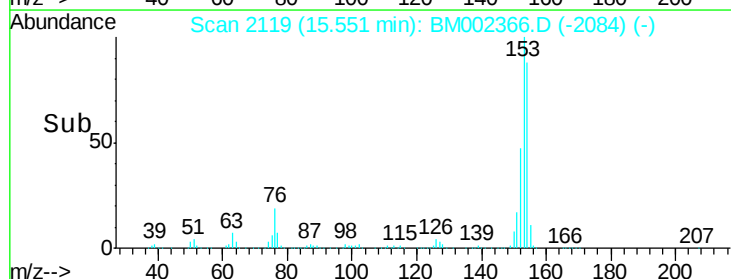
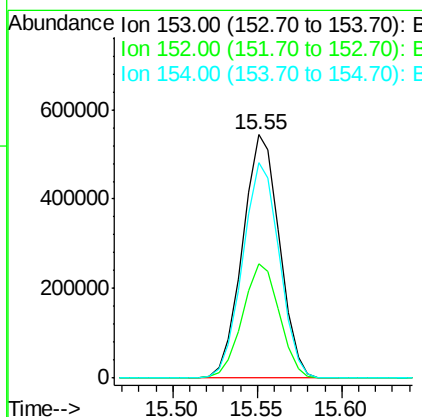
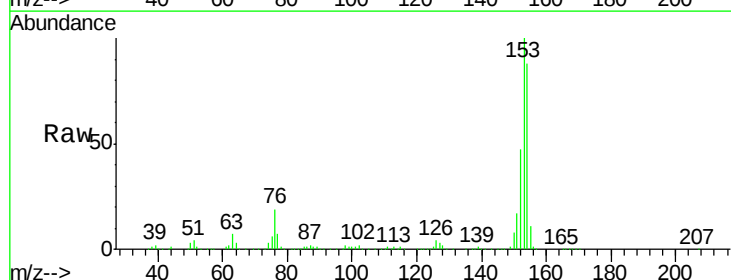
RT: 15.55 min Scan# 2119

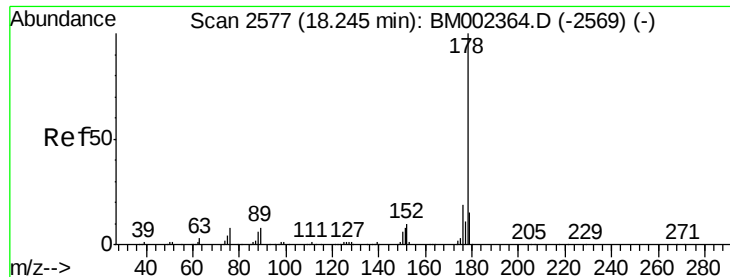
Delta R.T. 0.01 min

Lab File: BM002366.D

Acq: 12 Aug 2015 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	828655		
152	46.7	36.6	55.0	
154	88.4	71.5	107.3	





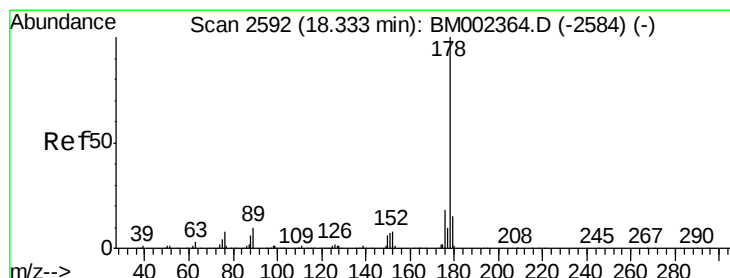
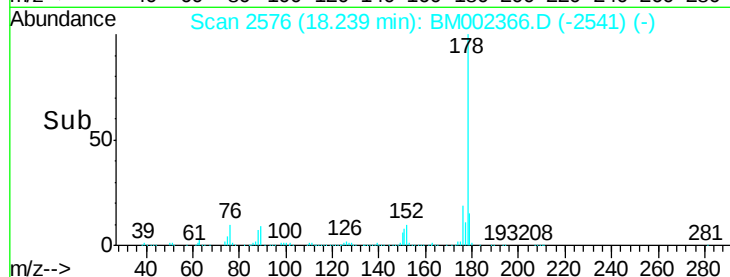
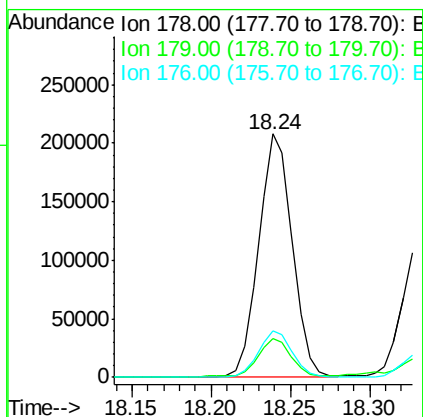
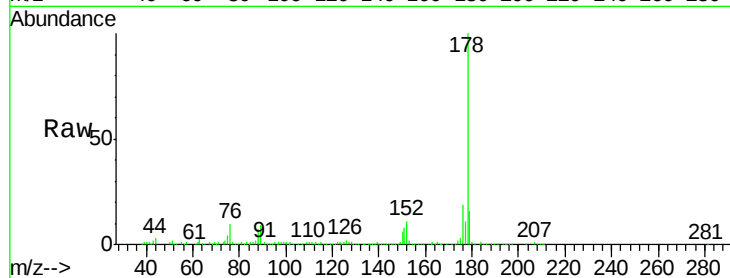
#13
Phenanthrene
Concen: 5.79 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.1	15.3	22.9

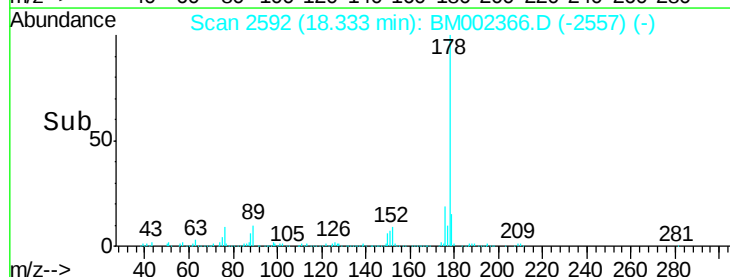
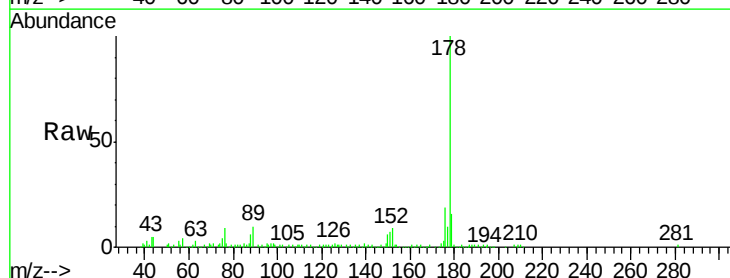
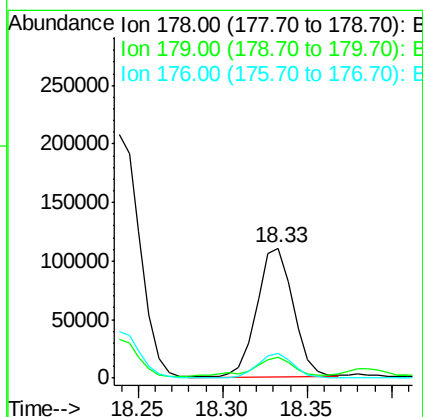
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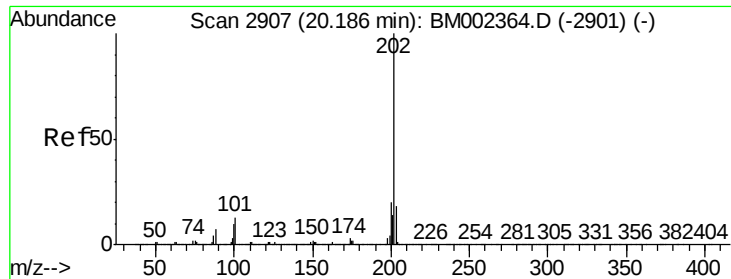
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#15
Anthracene
Concen: 3.05 ng/ul
RT: 18.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.8	14.5	21.7





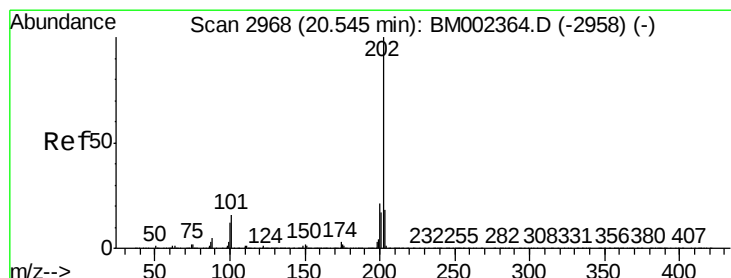
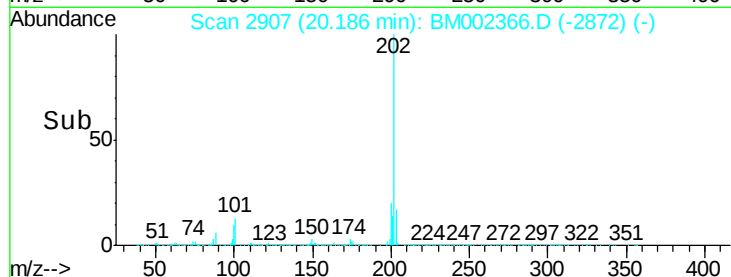
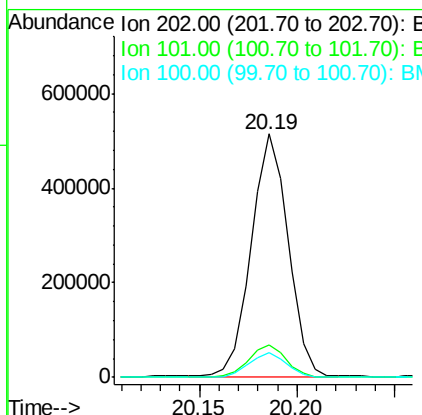
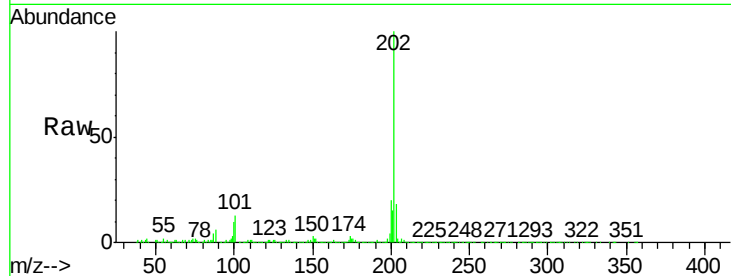
#16
 Fluoranthene
 Concen: 11.58 ng/ul
 RT: 20.19 min Scan# 2907
 Delta R.T. 0.01 min
 Lab File: BM002366.D
 Acq: 12 Aug 2015 18:19

Instrument :
 BNA_M
 ClientSampleId :
 D9C97MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	673317		
101	13.2	10.6	15.8	
100	10.0	8.2	12.4	

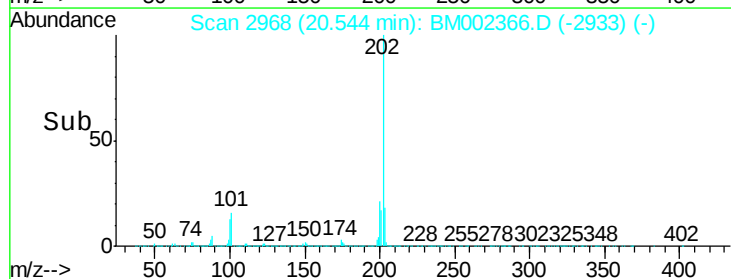
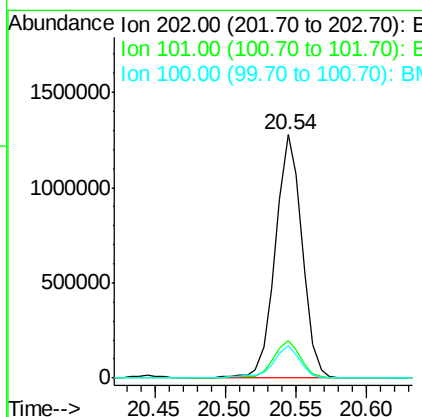
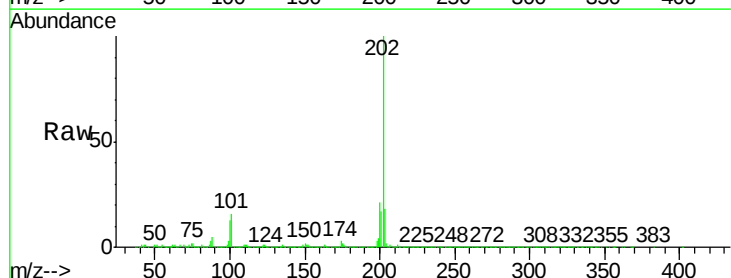
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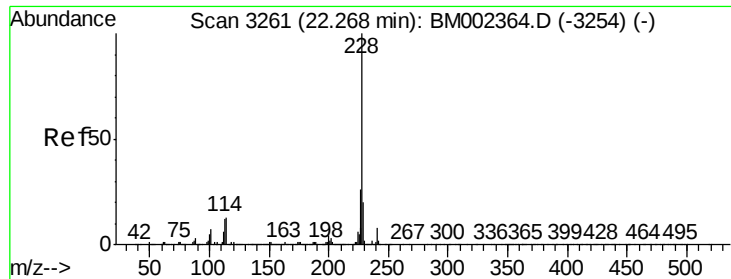
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#19
 Pyrene
 Concen: 41.21 ng/ul
 RT: 20.54 min Scan# 2968
 Delta R.T. 0.01 min
 Lab File: BM002366.D
 Acq: 12 Aug 2015 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1686084		
101	15.6	13.0	19.6	
100	13.2	11.0	16.4	





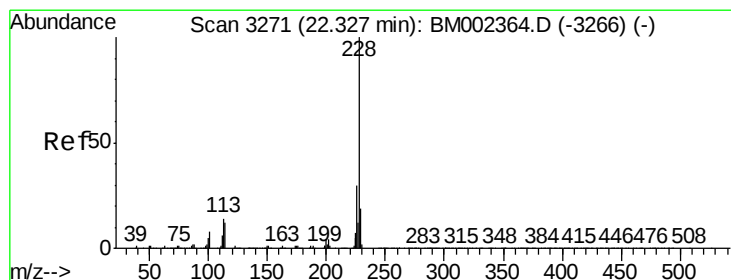
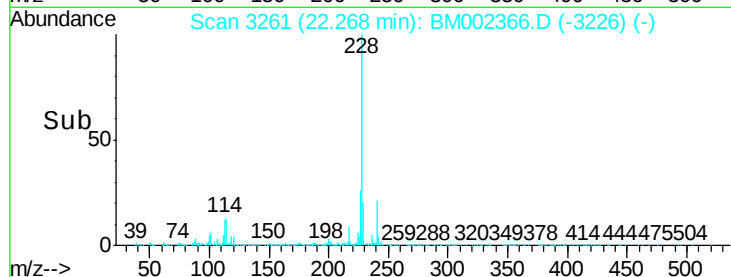
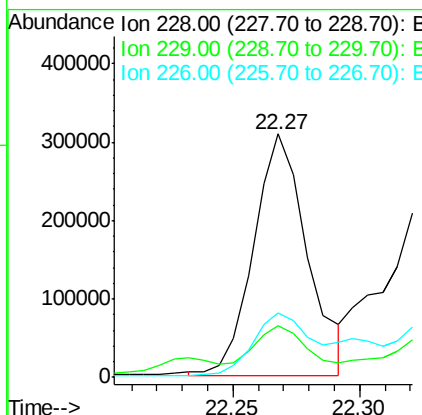
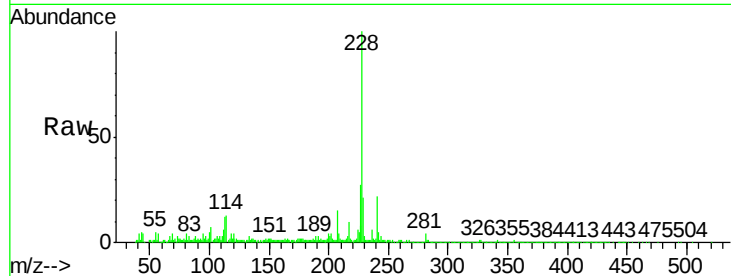
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Benzo(a)anthracene
Concen: 11.85 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	26.6	21.4	32.0

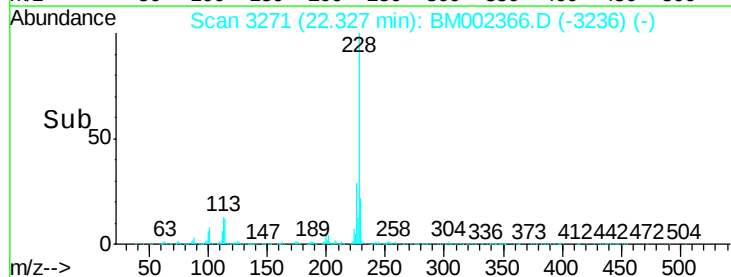
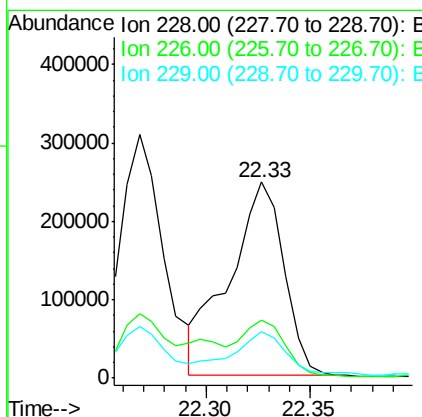
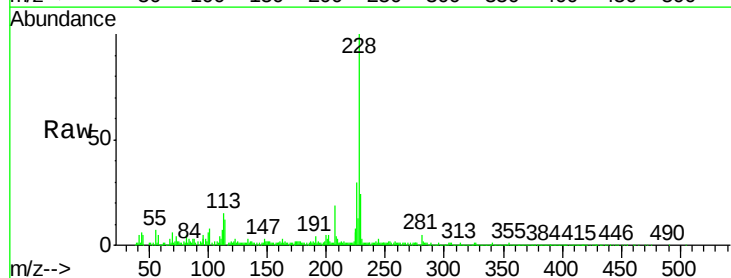
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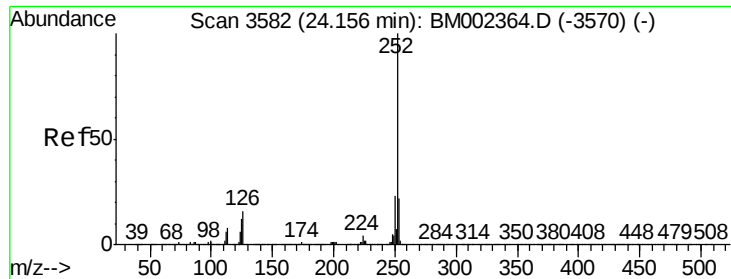
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#21
Chrysene
Concen: 12.38 ng/ul m
RT: 22.33 min Scan# 3271
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	23.6	15.5	23.3#





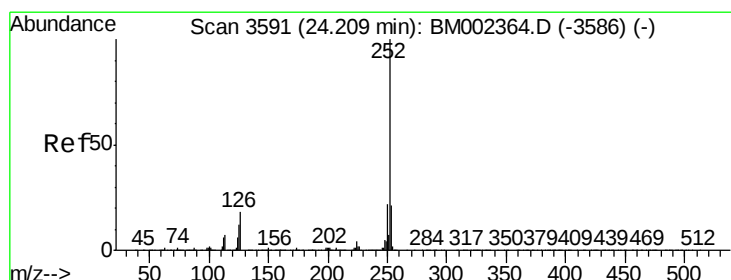
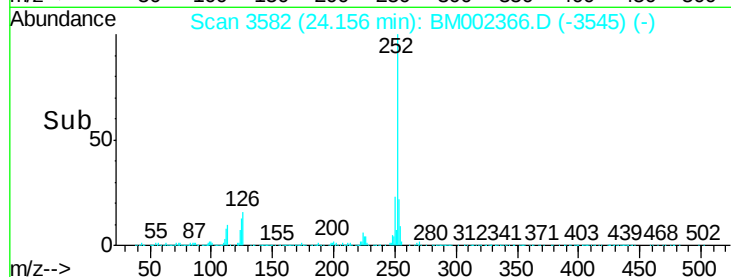
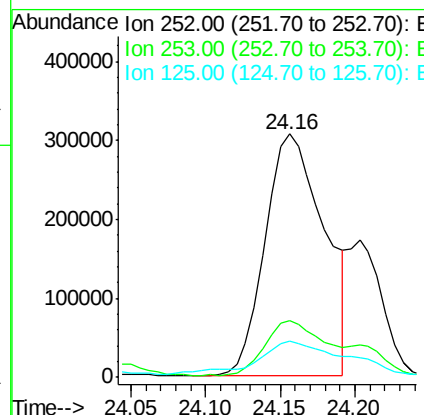
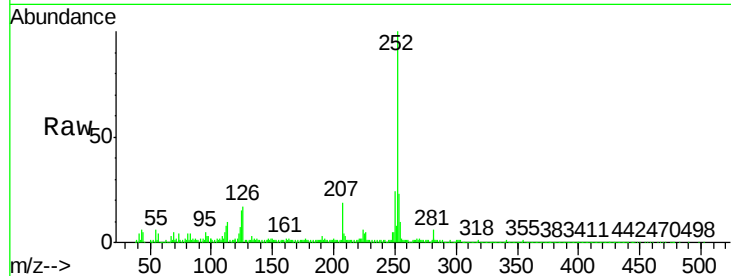
#23
Benzo(b)fluoranthene
Concen: 21.69 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.02 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
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ClientSampleId :
D9C97MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.9	26.9
125	14.8	10.3	15.5

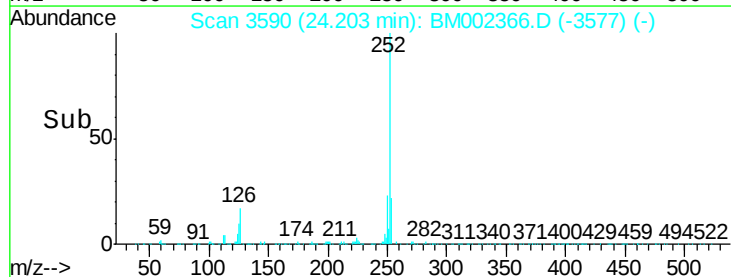
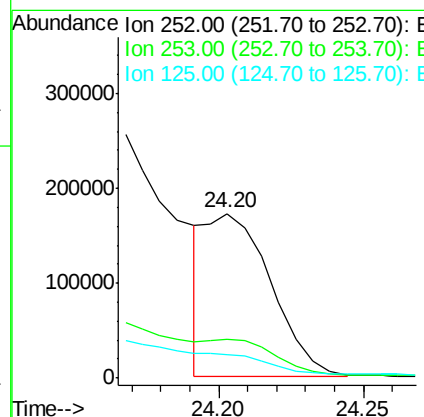
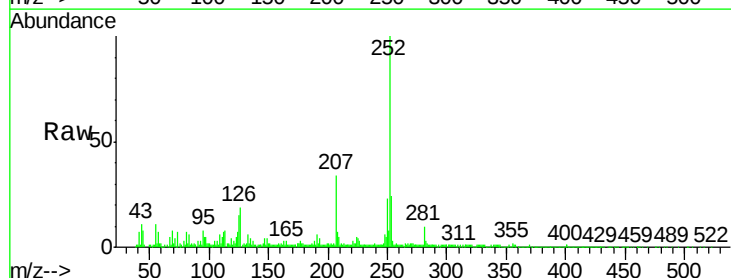
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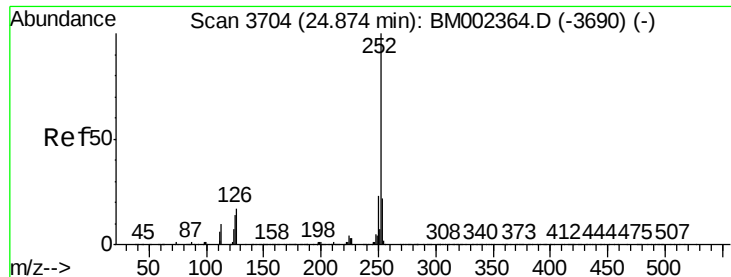
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#24
Benzo(k)fluoranthene
Concen: 7.19 ng/ul m
RT: 24.20 min Scan# 3590
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	17.3	25.9
125	14.5	10.2	15.4





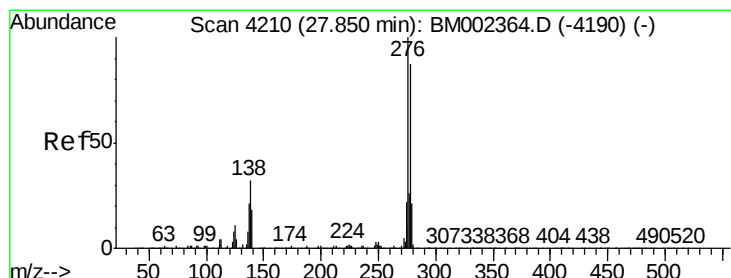
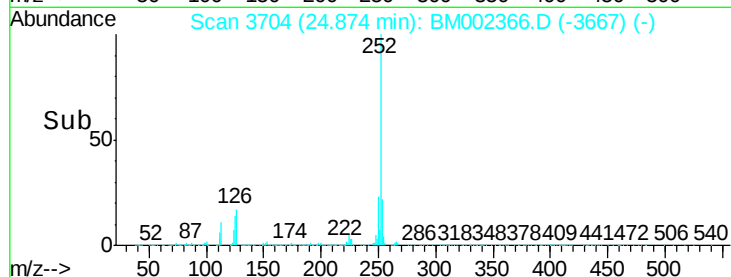
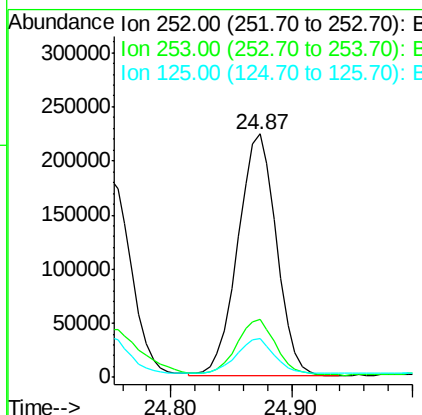
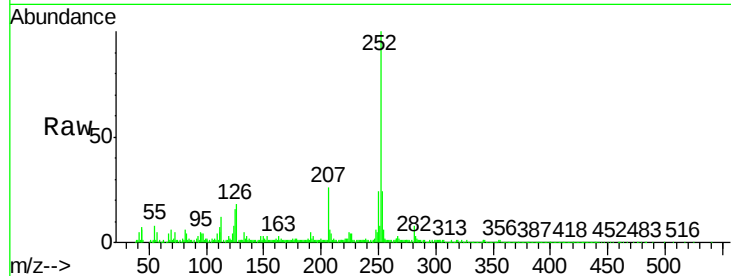
#26
Benzo(a)pyrene
Concen: 13.33 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.02 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	497205		
253	23.7	17.3	25.9	
125	15.7	11.0	16.6	

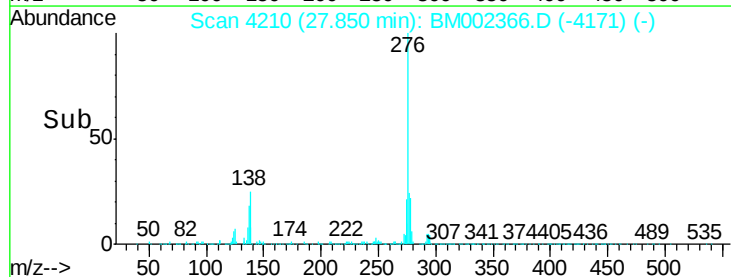
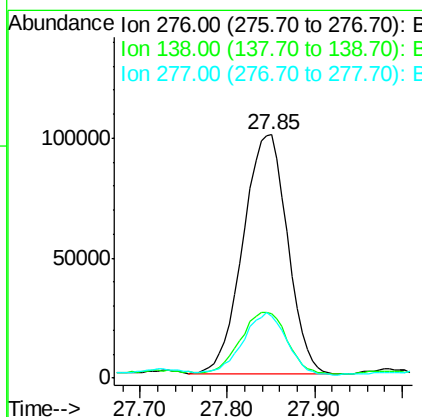
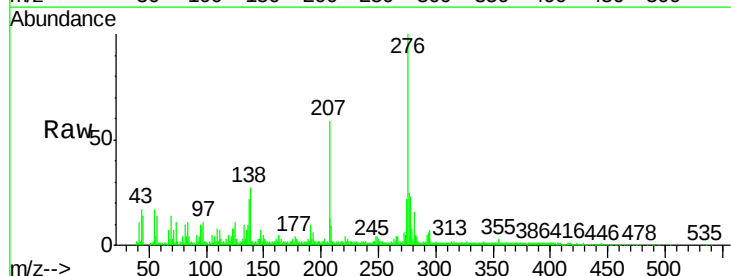
Manual Integrations
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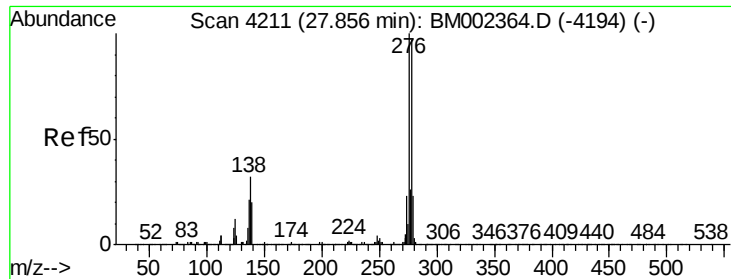
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#27
Indeno(1,2,3-cd)pyrene
Concen: 8.13 ng/ul
RT: 27.85 min Scan# 4210
Delta R.T. 0.03 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	347612		
138	26.6	25.6	38.4	
277	25.4	21.0	31.4	





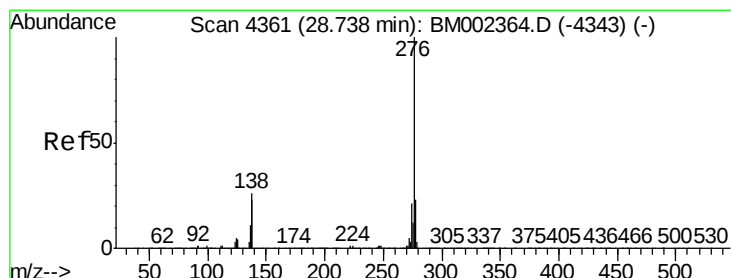
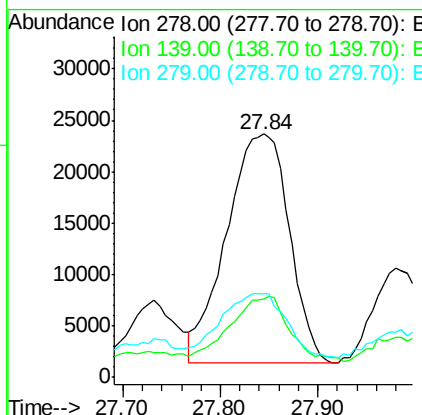
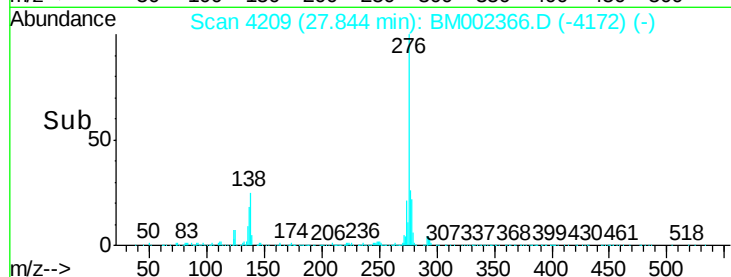
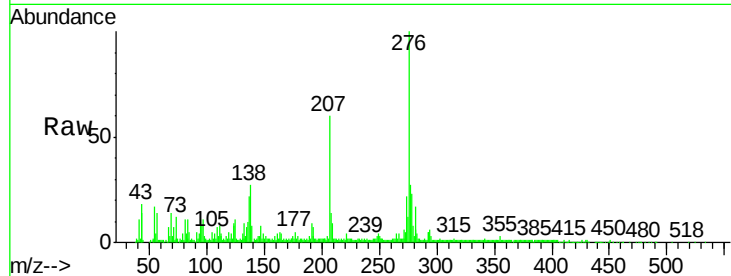
#28
Dibenzo(a,h)anthracene
Concen: 2.76 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. 0.02 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.1	16.4	24.6#
279	34.4	18.8	28.2#

Manual Integrations
APPROVED

MMDadoda
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#29
Benzo(g,h,i)perylene
Concen: 8.38 ng/ul
RT: 28.74 min Scan# 4361
Delta R.T. 0.04 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	20.5	30.7
277	24.6	19.0	28.6

