

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
 Data File : BM002572.D
 Acq On : 29 Aug 2015 19:43
 Operator : UM/IZ
 Sample : G3455-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E76

Manual Integrations
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Quant Time: Aug 31 01:28:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:07:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	144584	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	596594	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	254955	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	446027	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	441006	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	464958	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	392707	15.07	ng/ul	0.00
10) Fluorene-d10	16.33	176	263482	14.39	ng/ul	0.00
14) Anthracene-d10	18.17	188	360748	16.77	ng/ul	0.00
18) Pyrene-d10	20.39	212	350311	17.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	318789	13.05	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.12	178	55833	2.17	ng/ul	Qvalue 99
16) Fluoranthene	20.07	202	175781	6.03	ng/ul	100
19) Pyrene	20.42	202	174948	6.77	ng/ul	97
20) Benzo(a)anthracene	22.13	228	111112	4.21	ng/ul	98
21) Chrysene	22.19	228	118276m	4.80	ng/ul	
23) Benzo(b)fluoranthene	23.97	252	159746	5.68	ng/ul#	96
24) Benzo(k)fluoranthene	24.02	252	62208m	2.34	ng/ul	
26) Benzo(a)pyrene	24.66	252	114819	4.28	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	27.53	276	89104	2.89	ng/ul	94
28) Dibenzo(a,h)anthracene	27.53	278	25874	1.00	ng/ul#	72
29) Benzo(g,h,i)perylene	28.39	276	85503	3.33	ng/ul	95

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

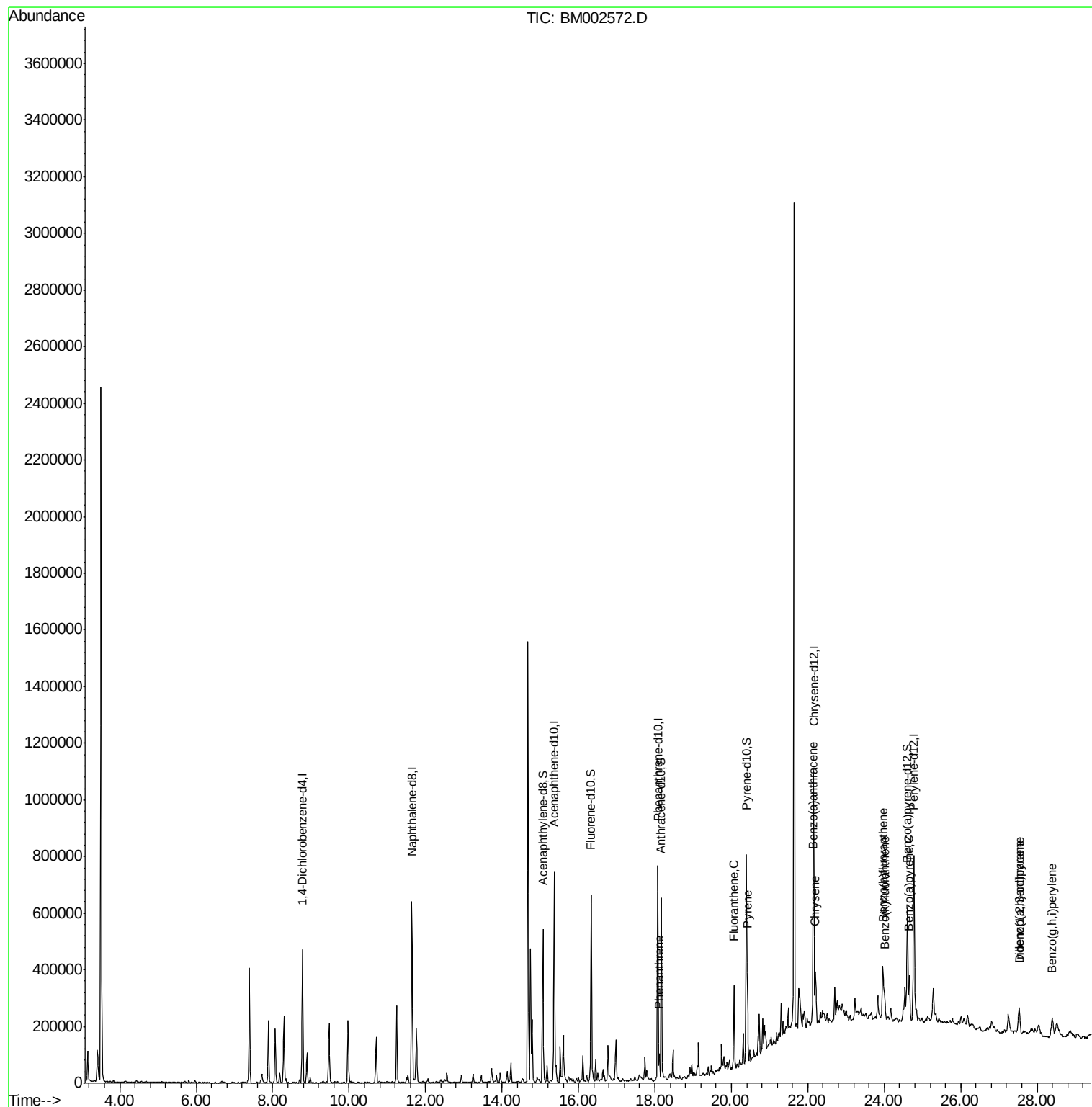
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
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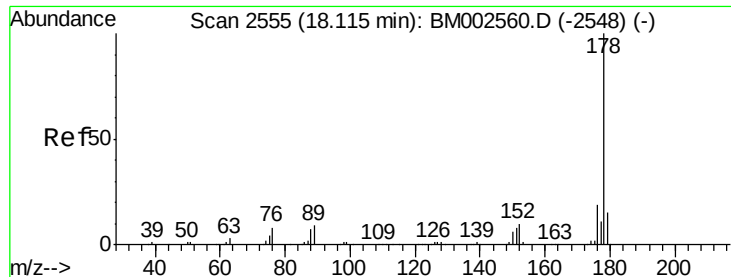
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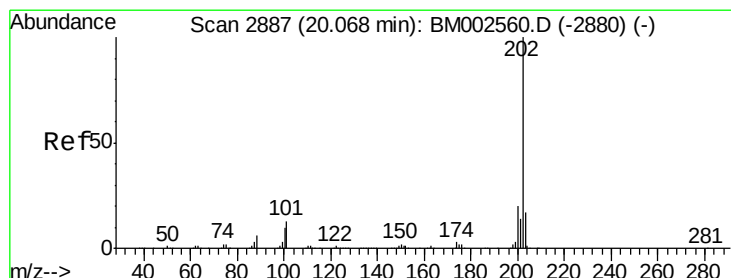
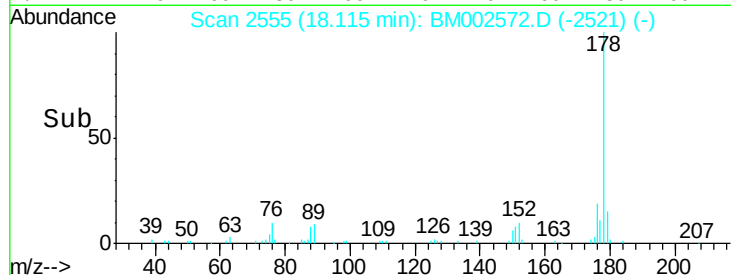
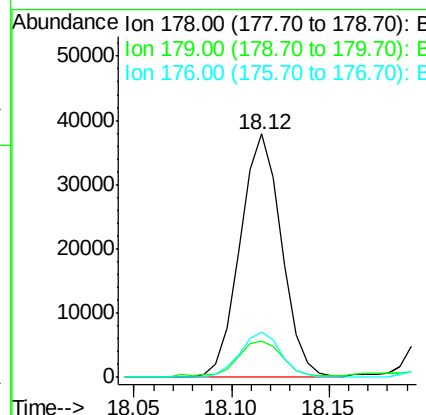
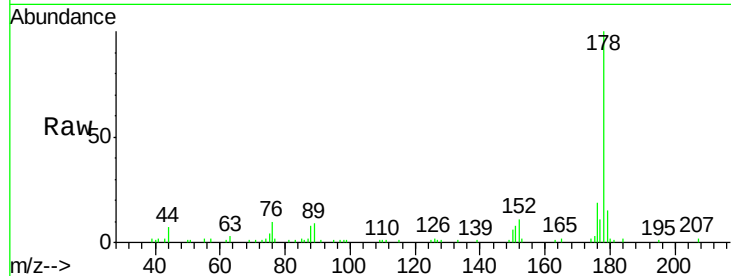
#13
Phenanthrene
Concen: 2.17 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Instrument :
BNA_M
ClientSampleId :
D9E76

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	55833		
179	14.8		12.4	18.6
176	18.6		15.1	22.7

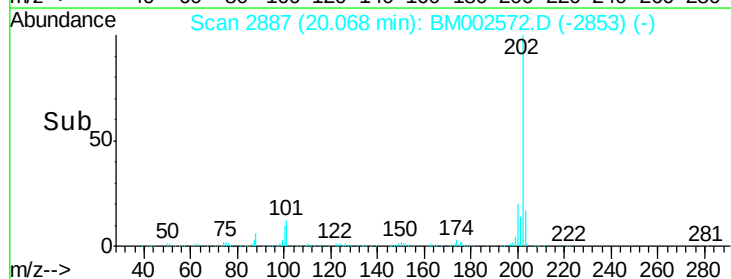
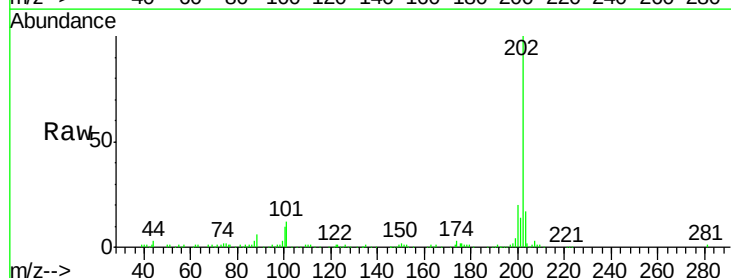
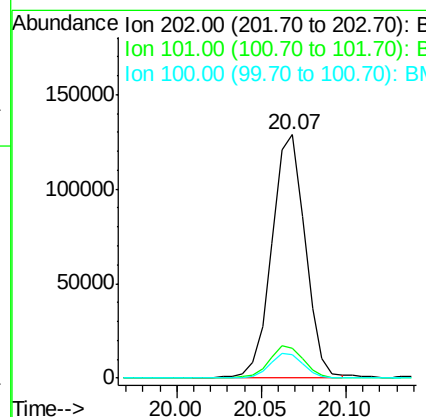
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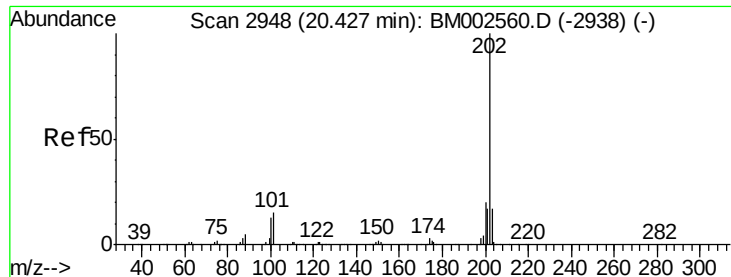
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#16
Fluoranthene
Concen: 6.03 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	175781		
101	12.1		9.7	14.5
100	9.7		7.4	11.2





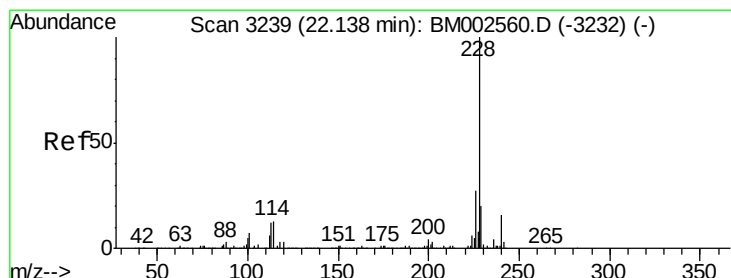
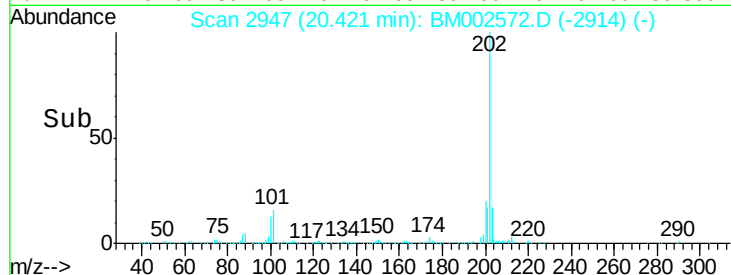
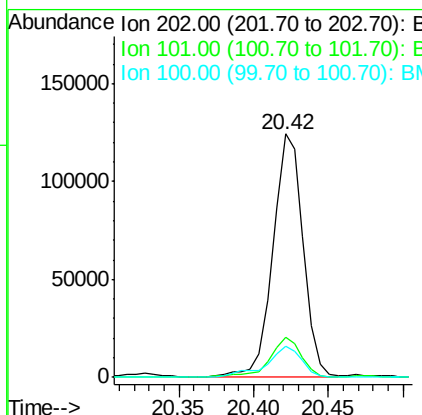
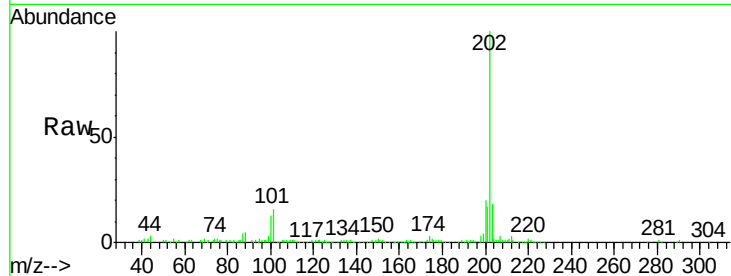
#19
 Pyrene
 Concen: 6.77 ng/ul
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.01 min
 Lab File: BM002572.D
 Acq: 29 Aug 2015 19:43

Instrument :
 BNA_M
 ClientSampleId :
 D9E76

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	174948		
101	16.4	12.0	18.0	
100	12.8	9.7	14.5	

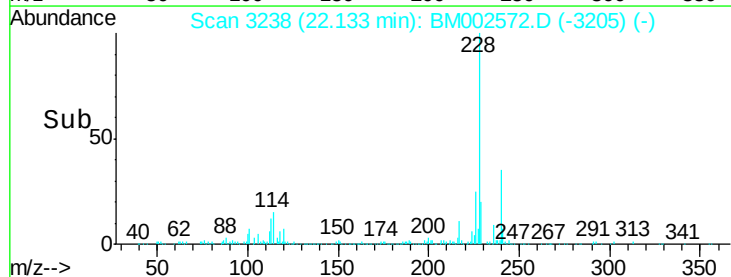
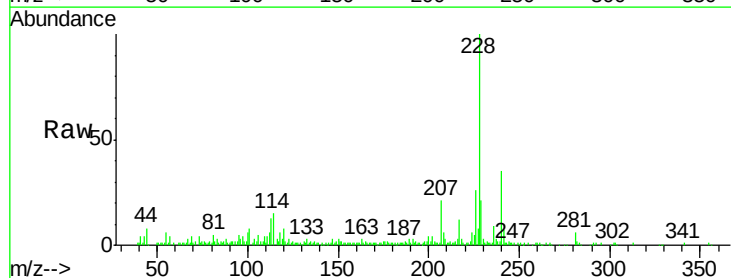
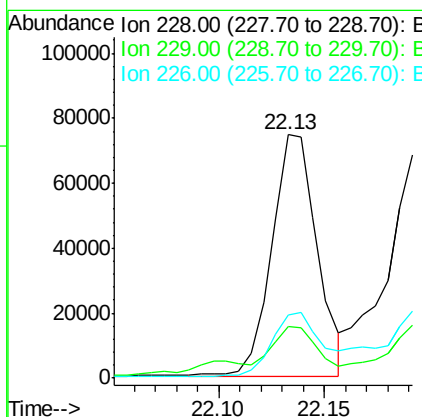
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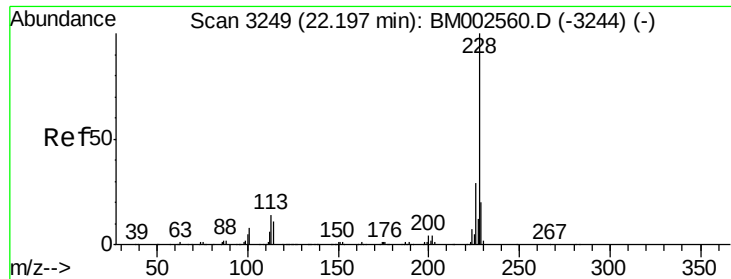
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#20
 Benzo(a)anthracene
 Concen: 4.21 ng/ul
 RT: 22.13 min Scan# 3238
 Delta R.T. -0.01 min
 Lab File: BM002572.D
 Acq: 29 Aug 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	111112		
229	21.4	15.8	23.6	
226	25.9	21.1	31.7	





#21

Chrysene

Concen: 4.80 ng/ul m

RT: 22.19 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BM002572.D

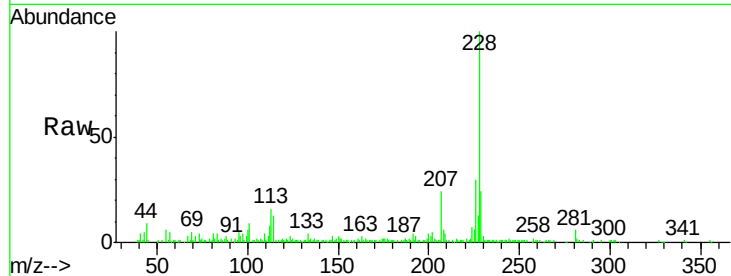
Acq: 29 Aug 2015 19:43

Instrument :

BNA_M

ClientSampleId :

D9E76



Tgt Ion: 228 Resp: 118276

Ion Ratio Lower Upper

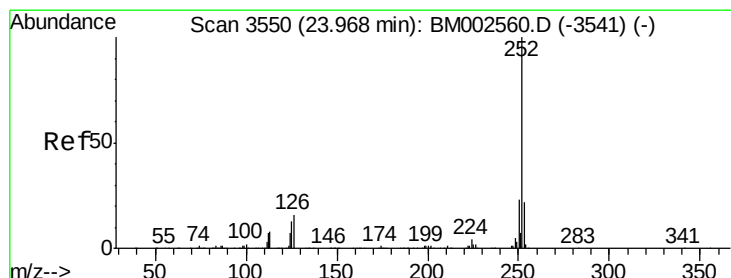
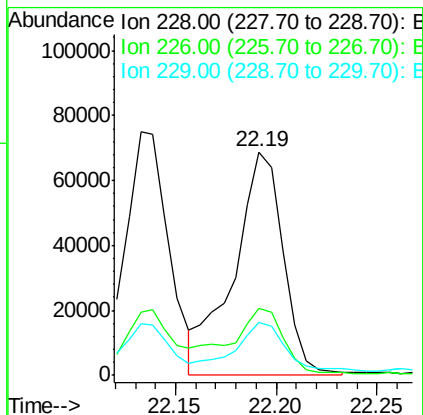
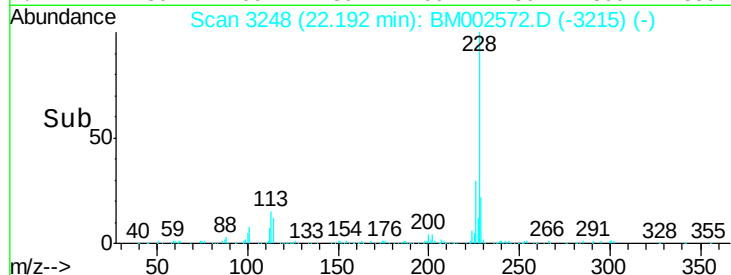
228 100

226 30.2 23.4 35.2

229 23.7 15.7 23.5#

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#23

Benzo(b)fluoranthene

Concen: 5.68 ng/ul

RT: 23.97 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BM002572.D

Acq: 29 Aug 2015 19:43

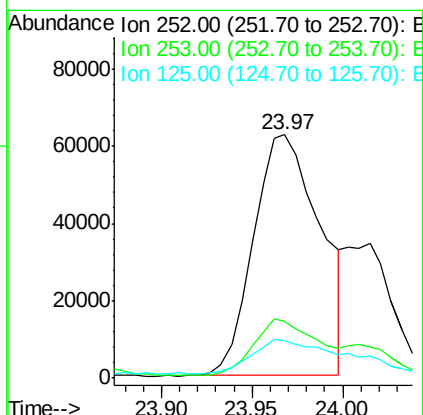
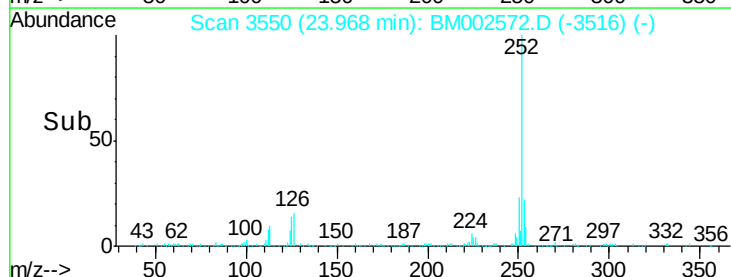
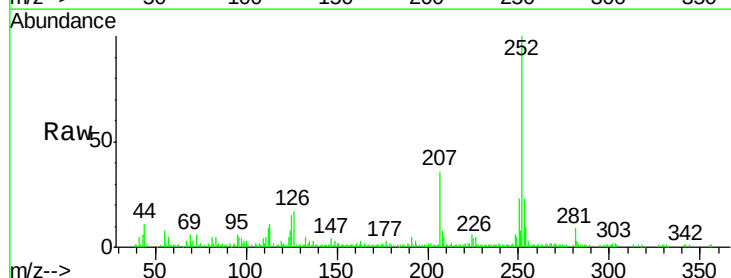
Tgt Ion: 252 Resp: 159746

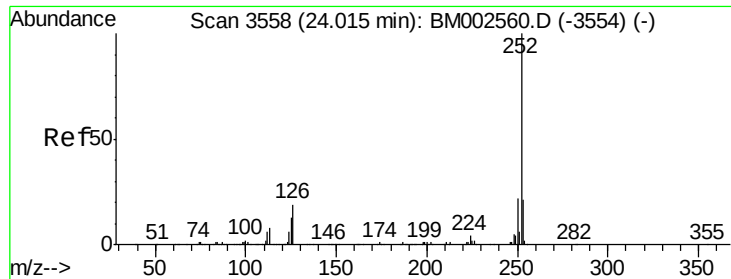
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 15.3 10.0 15.0#





#24

Benzo(k)fluoranthene

Concen: 2.34 ng/ul m

RT: 24.02 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BM002572.D

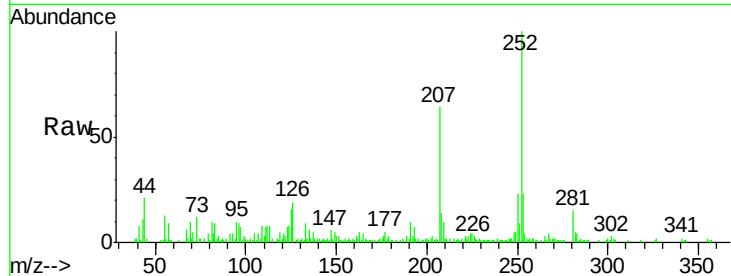
Acq: 29 Aug 2015 19:43

Instrument :

BNA_M

ClientSampleId :

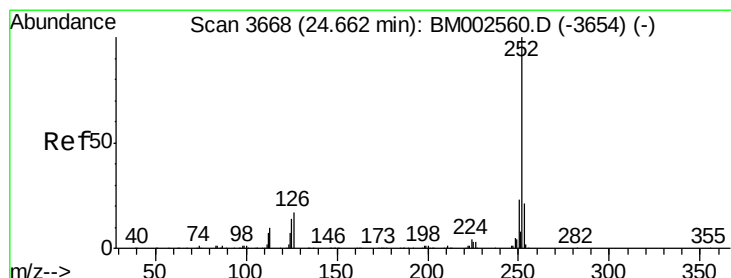
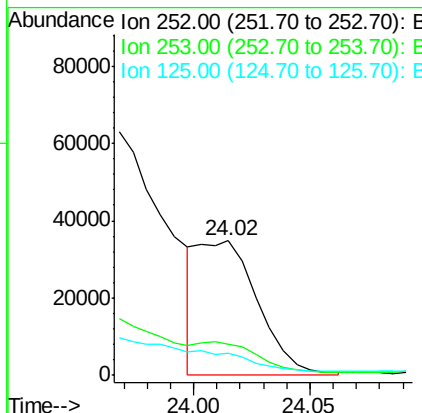
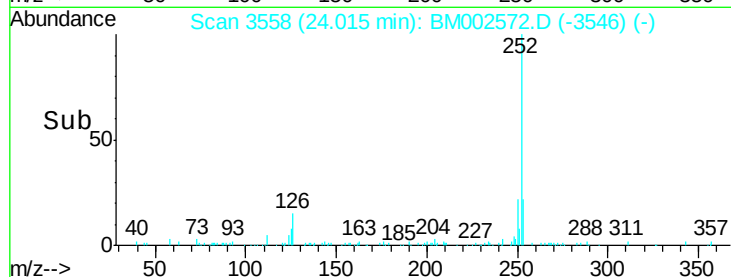
D9E76



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	16.2	9.8	14.8#

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#26

Benzo(a)pyrene

Concen: 4.28 ng/ul

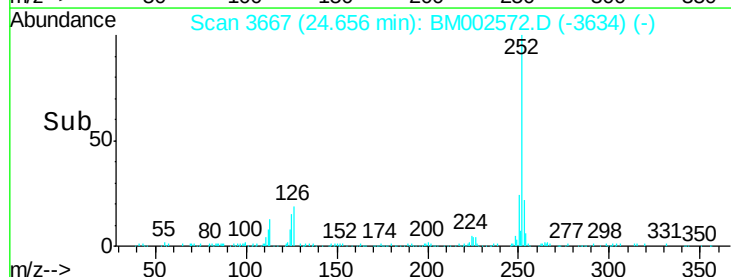
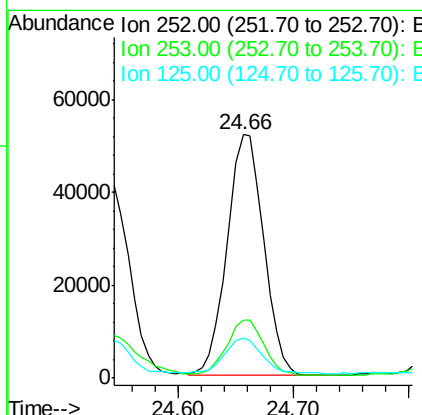
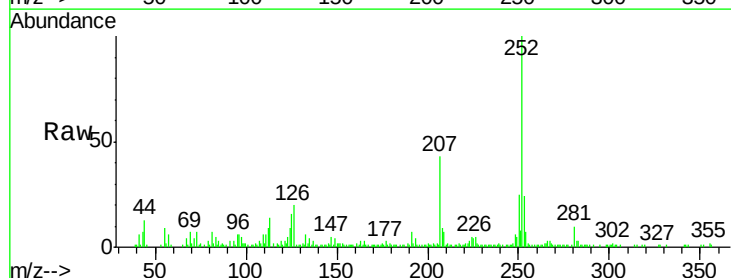
RT: 24.66 min Scan# 3667

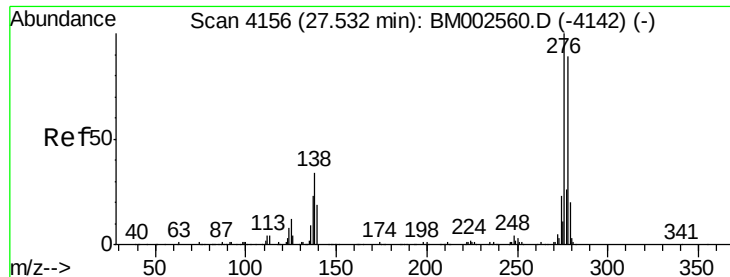
Delta R.T. -0.01 min

Lab File: BM002572.D

Acq: 29 Aug 2015 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	16.4	10.7	16.1#





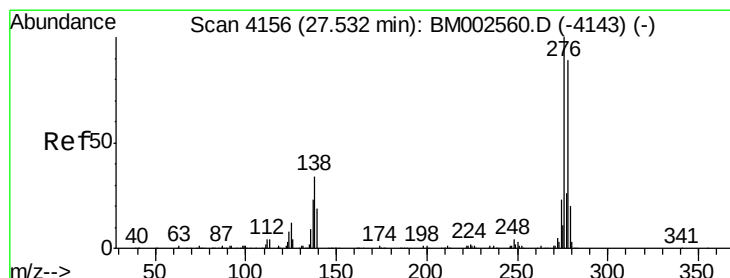
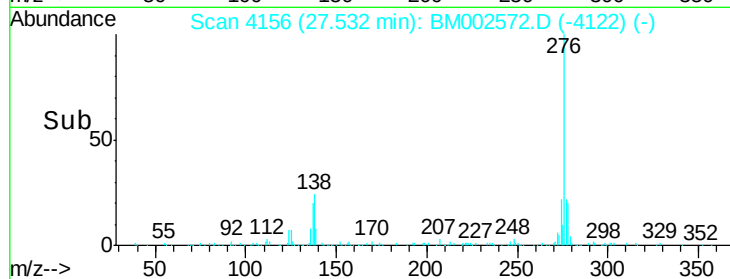
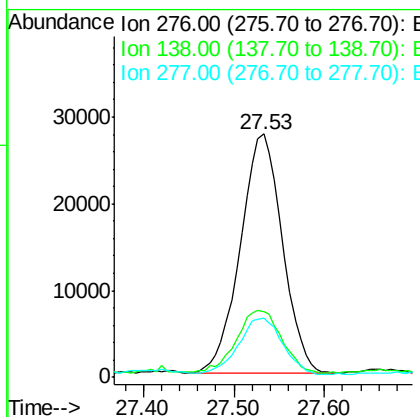
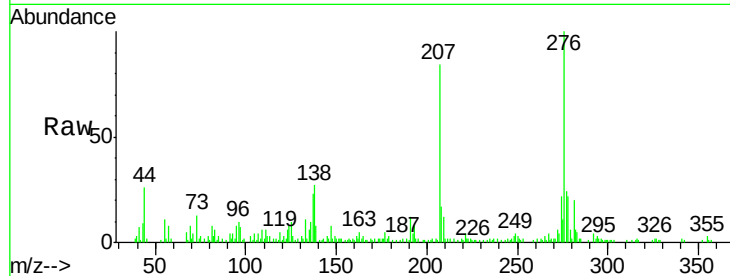
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.89 ng/ul
 RT: 27.53 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: BM002572.D
 Acq: 29 Aug 2015 19:43

Instrument :
 BNA_M
 ClientSampleId :
 D9E76

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.3	37.9
277	24.3	20.2	30.2

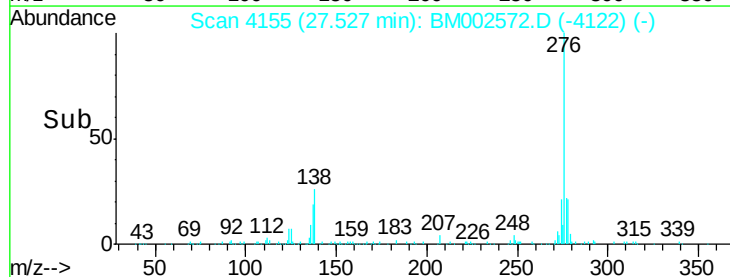
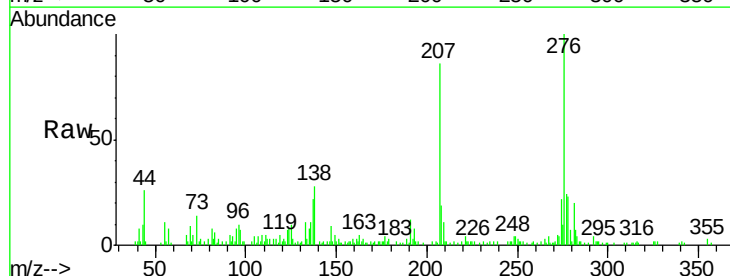
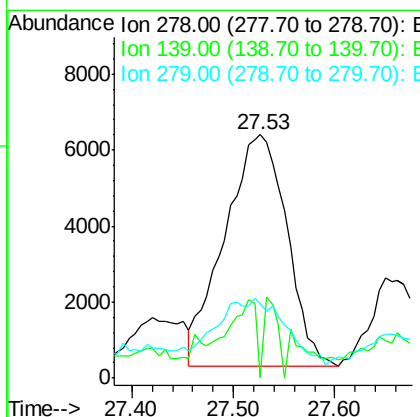
Manual Integrations
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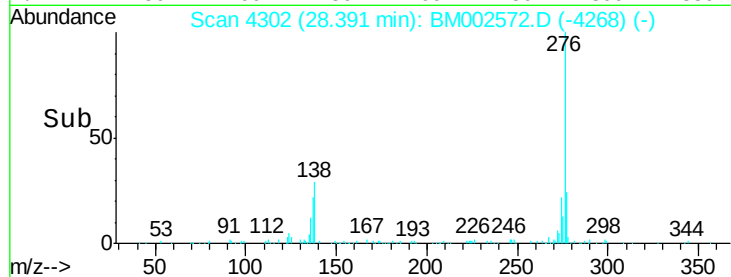
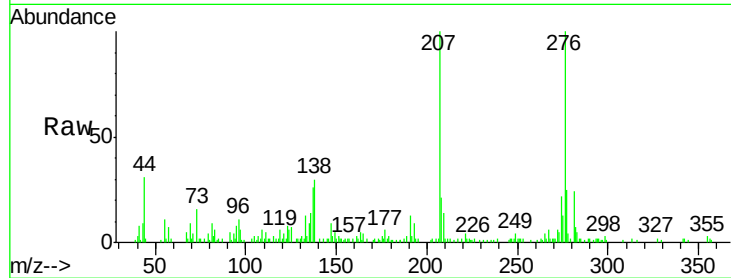
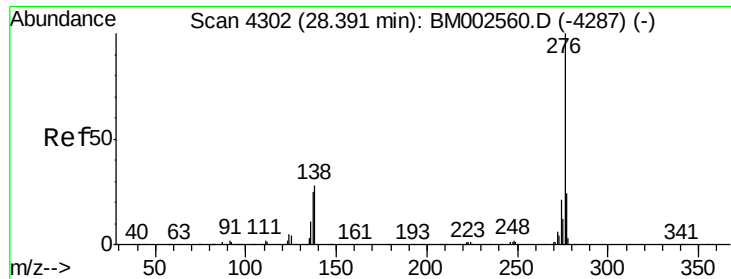
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.00 ng/ul
 RT: 27.53 min Scan# 4155
 Delta R.T. -0.01 min
 Lab File: BM002572.D
 Acq: 29 Aug 2015 19:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	30.6	18.8	28.2#





#29

Benzo(g,h,i)perylene

Concen: 3.33 ng/ul

RT: 28.39 min Scan# 4302

Delta R.T. 0.00 min

Lab File: BM002572.D

Acq: 29 Aug 2015 19:43

Tgt Ion:	276	Resp:	85503
Ion Ratio	Lower	Upper	
276	100		
138	30.3	21.0	31.6
277	25.0	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

D9E76

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