

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002624.D
 Acq On : 01 Sep 2015 12:25
 Operator : UM/IZ
 Sample : G3457-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EB4

Manual Integrations
 APPROVED

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 9/1/2015 2:57:20 PM

Quant Time: Sep 01 13:07:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 07:11:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	112188	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	504047	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	253836	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	453909	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	357822	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	366020	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	323633	12.47	ng/ul	0.00
10) Fluorene-d10	16.34	176	198752	10.90	ng/ul	0.00
14) Anthracene-d10	18.17	188	252252	11.52	ng/ul	0.00
18) Pyrene-d10	20.40	212	170944	10.78	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	136319	7.09	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.12	178	84841	3.24	ng/ul	Qvalue 99
16) Fluoranthene	20.07	202	154867	5.22	ng/ul	97
19) Pyrene	20.43	202	124499	5.94	ng/ul	98
20) Benzo(a)anthracene	22.14	228	80951	3.78	ng/ul	98
21) Chrysene	22.20	228	92585	4.63	ng/ul	97
23) Benzo(b)fluoranthene	23.98	252	198092	8.95	ng/ul	97
24) Benzo(k)fluoranthene	24.02	252	53367m	2.54	ng/ul	
26) Benzo(a)pyrene	24.67	252	130463	6.17	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.56	276	141440	5.82	ng/ul	97
28) Dibenzo(a,h)anthracene	27.55	278	39693	1.95	ng/ul#	73
29) Benzo(g,h,i)perylene	28.42	276	157876	7.80	ng/ul	98

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

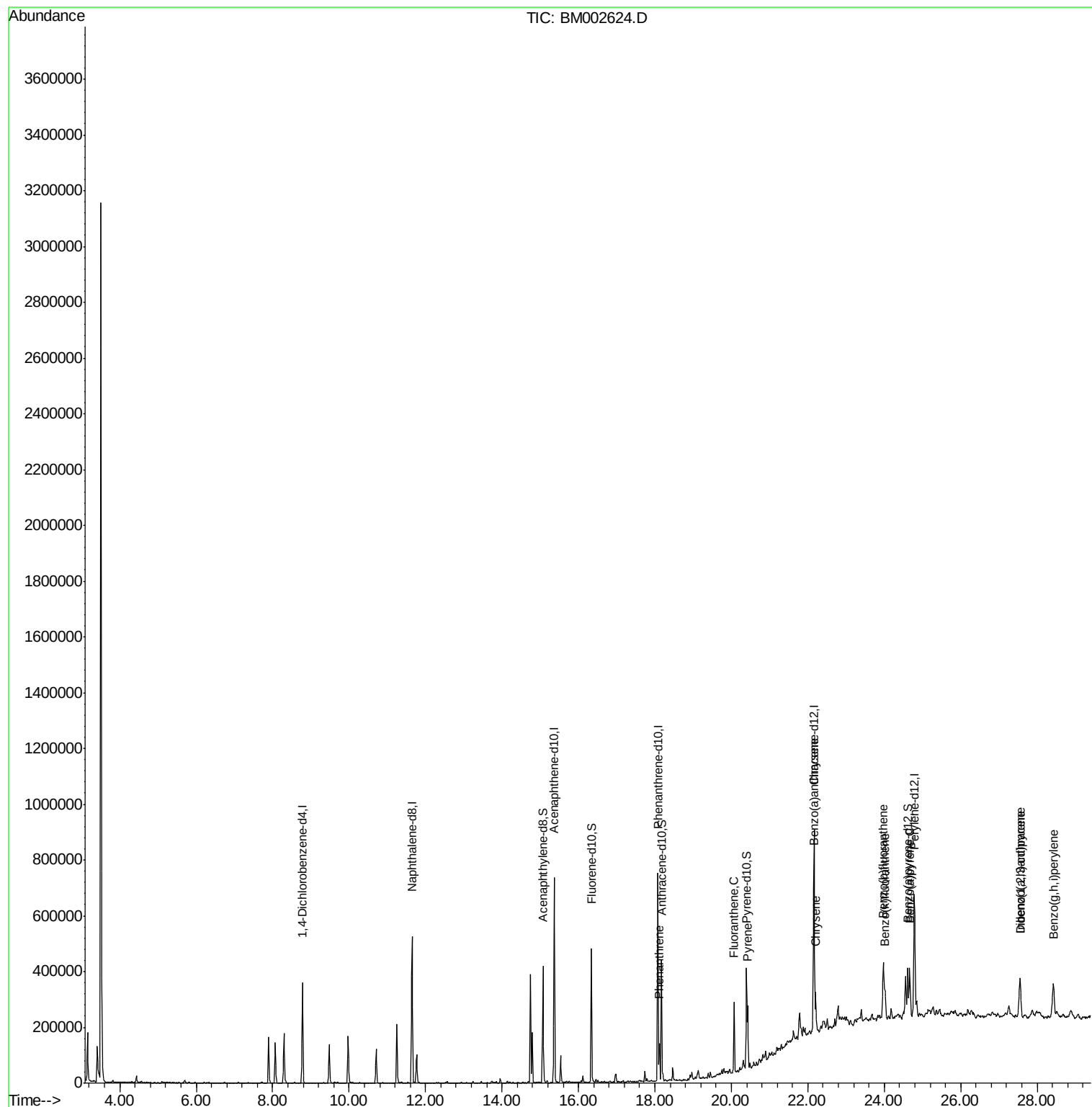
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
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ALS Vial : 36 Sample Multiplier: 1

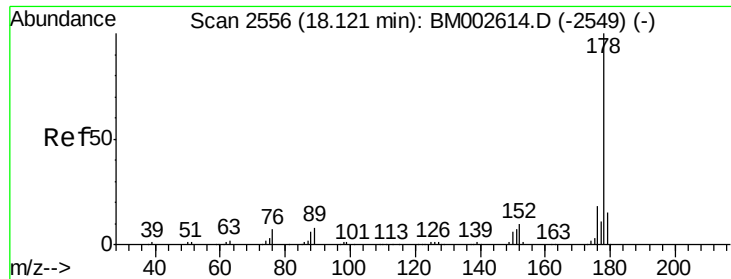
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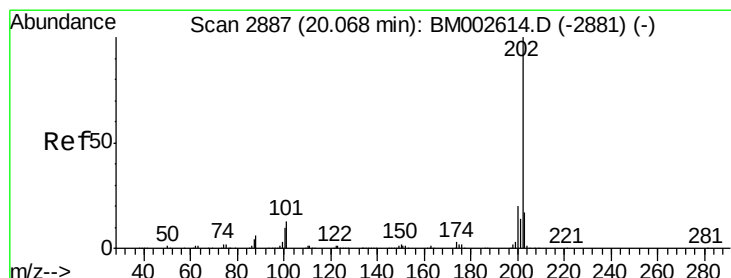
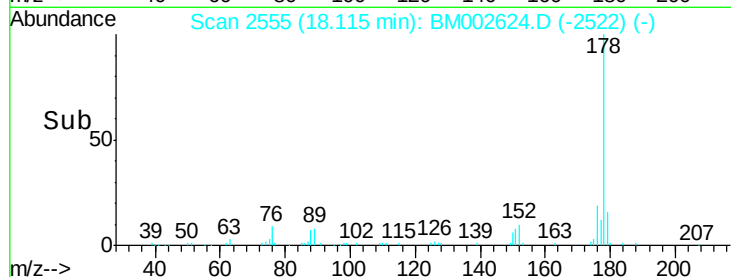
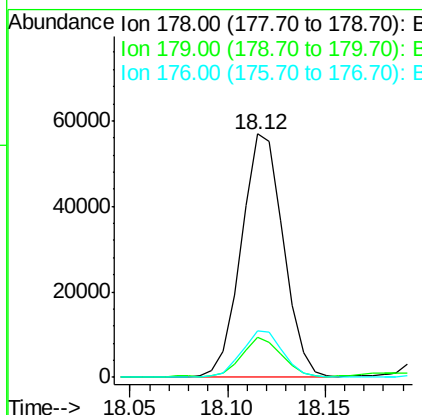
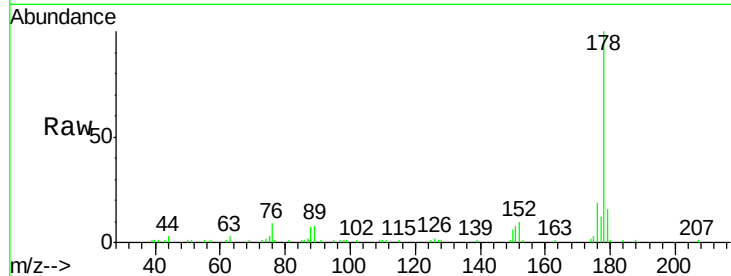
#13
Phenanthrene
Concen: 3.24 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM002624.D
Acq: 01 Sep 2015 12:25

Instrument :
BNA_M
ClientSampleId :
D9EB4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.0	15.1	22.7

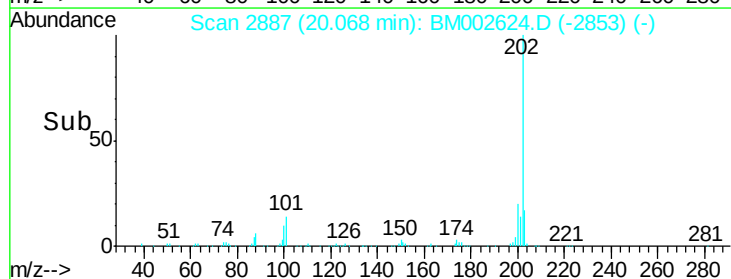
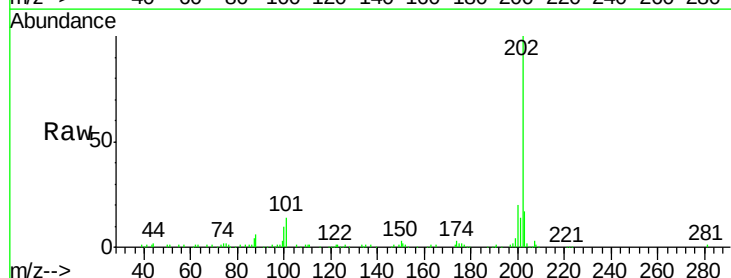
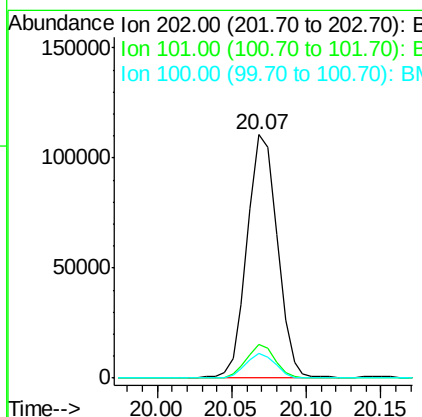
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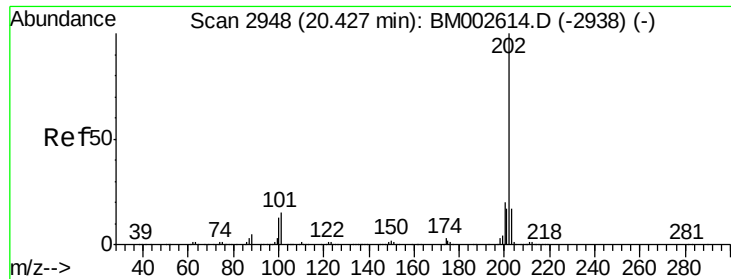
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#16
Fluoranthene
Concen: 5.22 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002624.D
Acq: 01 Sep 2015 12:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.7	14.5
100	10.2	7.4	11.2





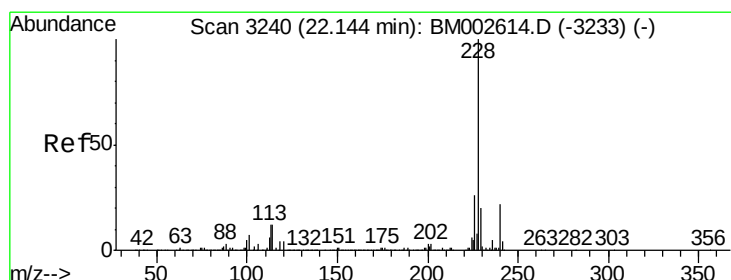
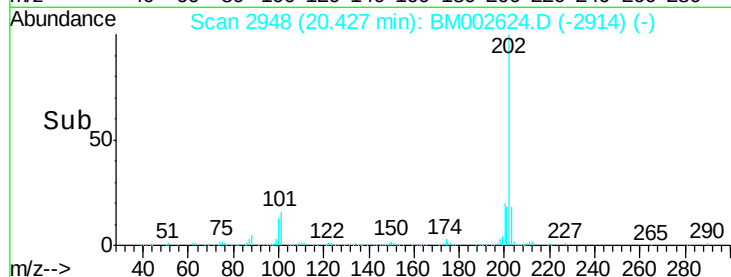
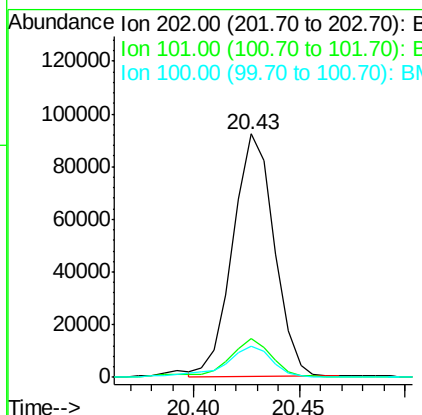
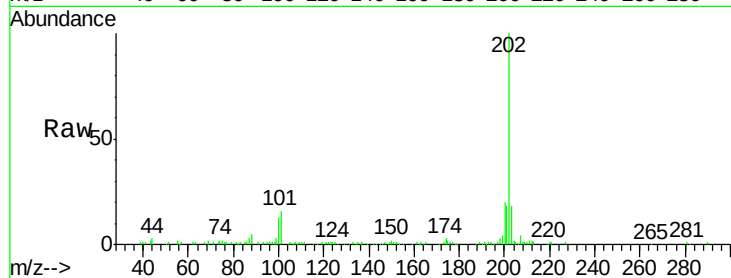
#19
 Pyrene
 Concen: 5.94 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BM002624.D
 Acq: 01 Sep 2015 12:25

Instrument :
 BNA_M
 ClientSampleId :
 D9EB4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	124499		
101	16.2	12.0	18.0	
100	12.8	9.7	14.5	

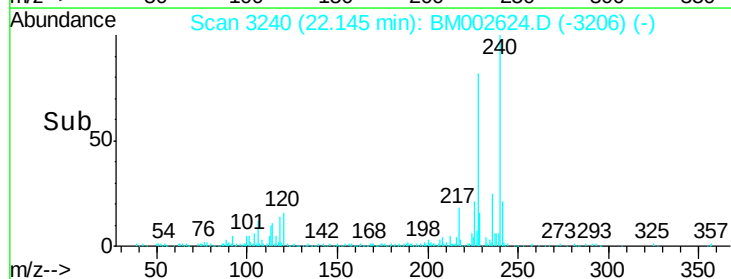
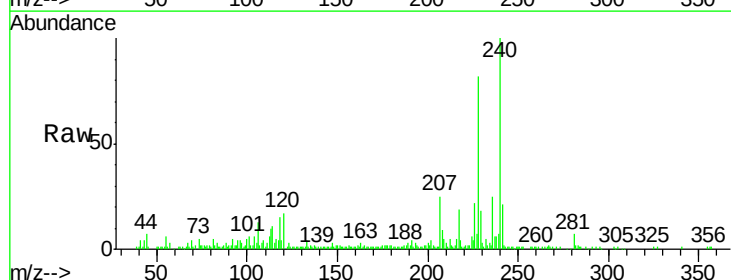
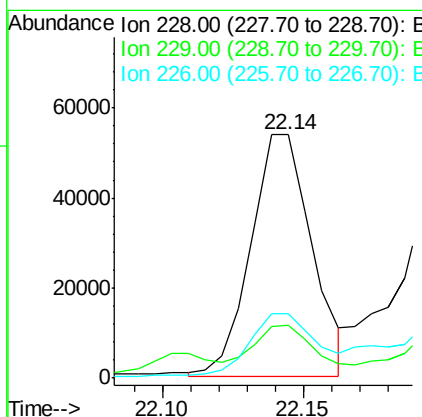
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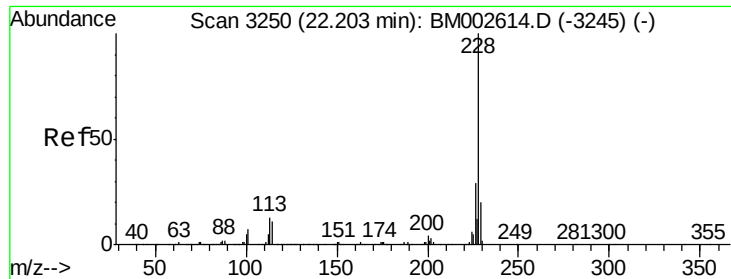
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#20
 Benzo(a)anthracene
 Concen: 3.78 ng/ul
 RT: 22.14 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: BM002624.D
 Acq: 01 Sep 2015 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	80951		
229	21.5	15.8	23.6	
226	26.6	21.1	31.7	





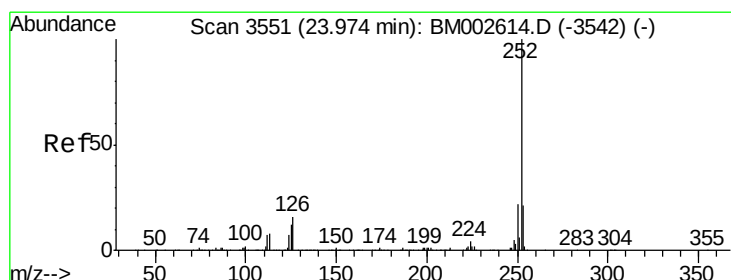
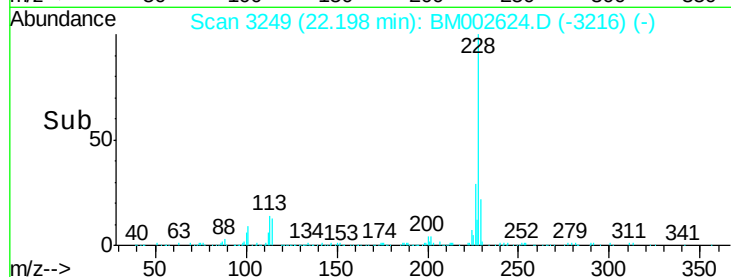
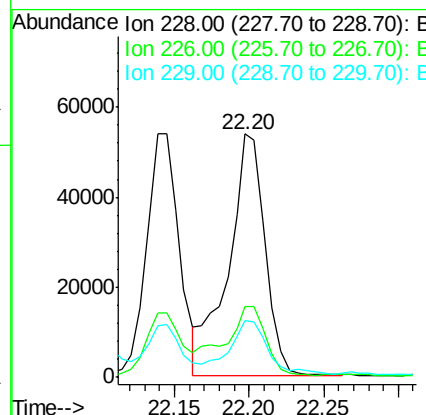
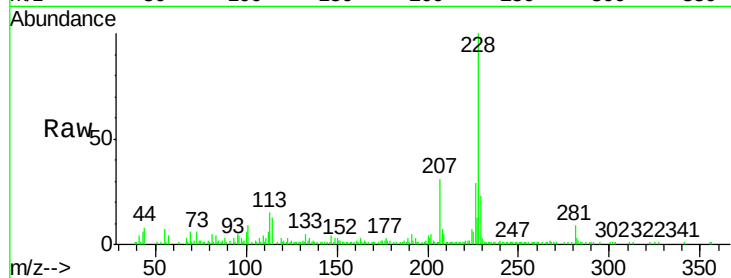
#21
Chrysene
Concen: 4.63 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002624.D
Acq: 01 Sep 2015 12:25

Instrument :
BNA_M
ClientSampleId :
D9EB4

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.4	23.4	35.2
229	23.1	15.7	23.5

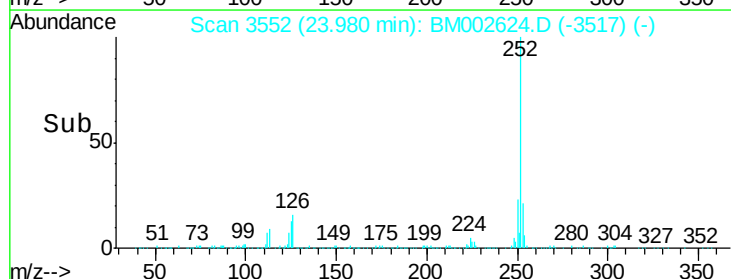
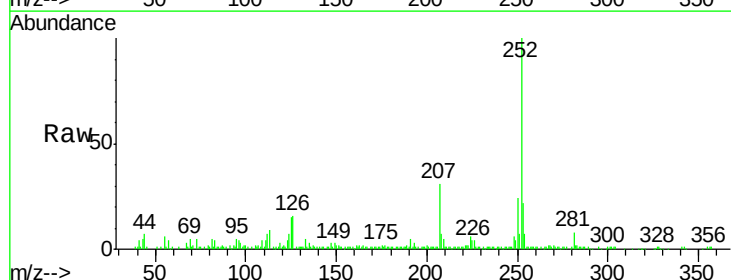
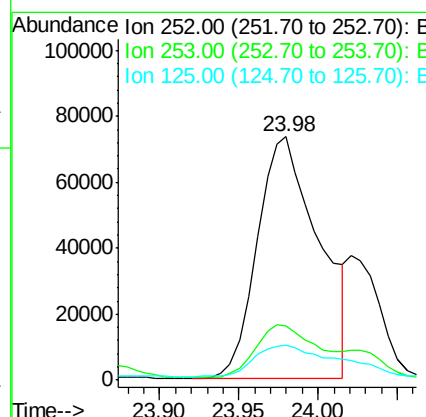
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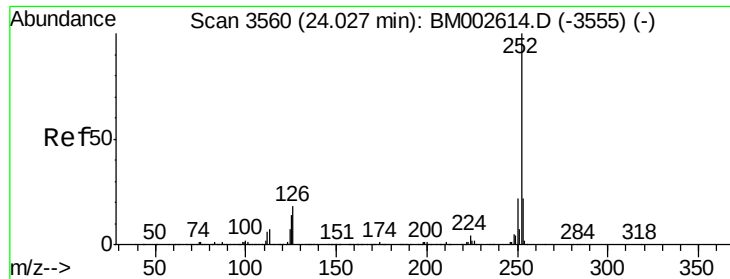
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#23
Benzo(b)fluoranthene
Concen: 8.95 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM002624.D
Acq: 01 Sep 2015 12:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	17.4	26.0
125	14.5	10.0	15.0





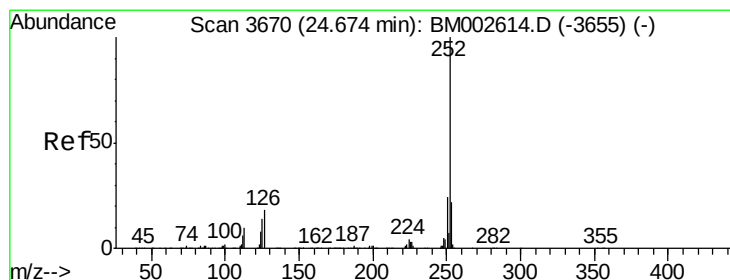
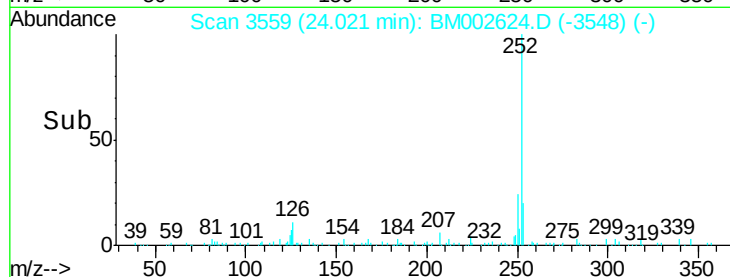
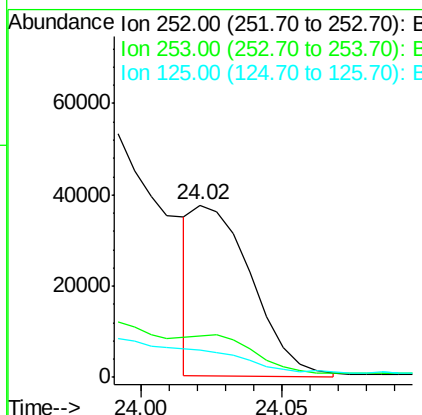
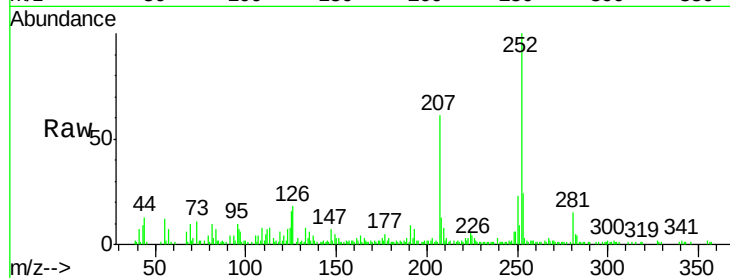
#24
Benzo(k)fluoranthene
Concen: 2.54 ng/ul m
RT: 24.02 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM002624.D
Acq: 01 Sep 2015 12:25

Instrument :
BNA_M
ClientSampleId :
D9EB4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	15.7	9.8	14.8

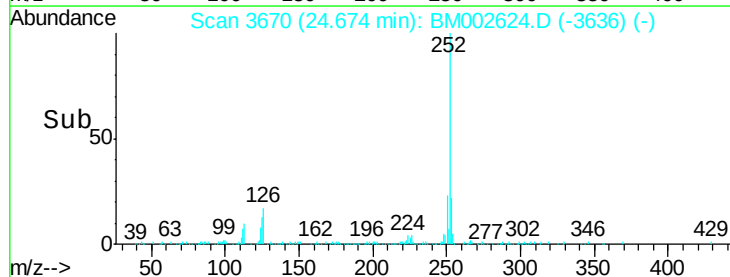
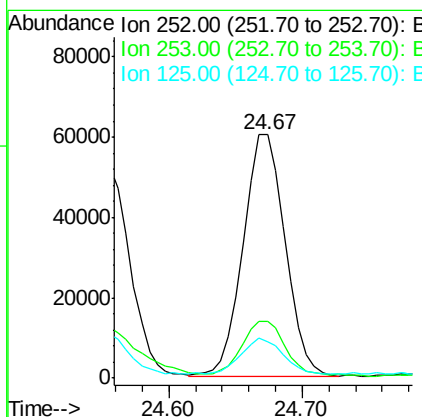
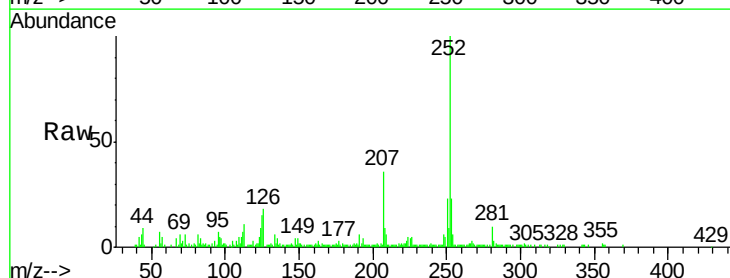
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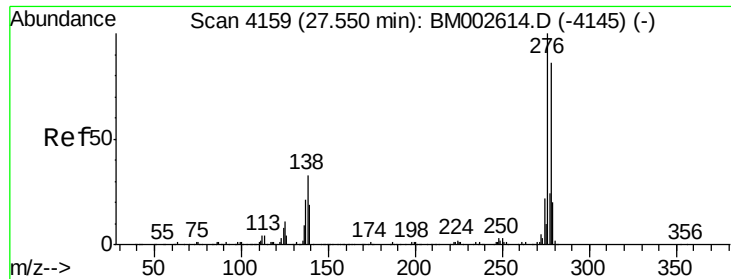
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#26
Benzo(a)pyrene
Concen: 6.17 ng/ul
RT: 24.67 min Scan# 3670
Delta R.T. 0.00 min
Lab File: BM002624.D
Acq: 01 Sep 2015 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	14.8	10.7	16.1





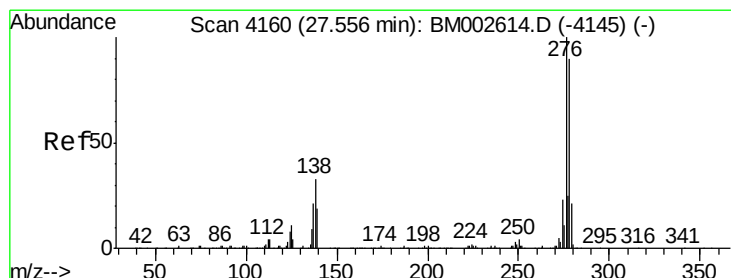
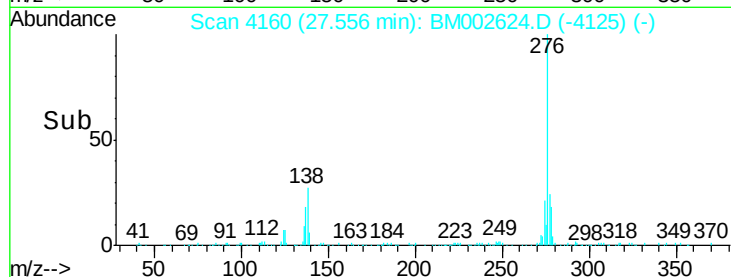
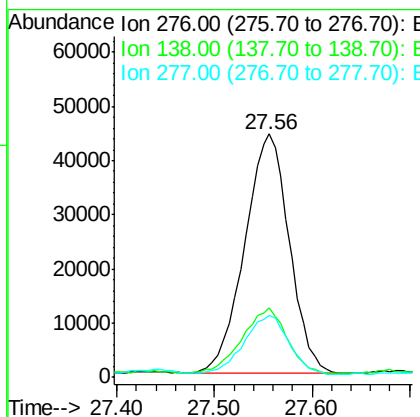
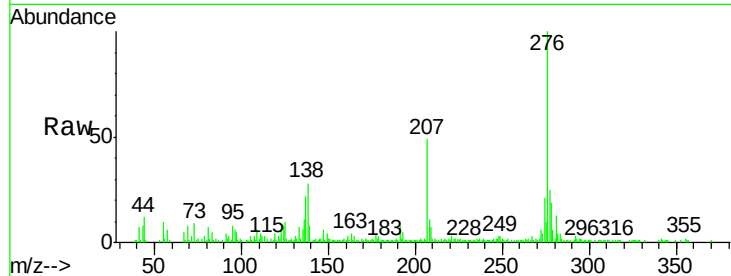
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.82 ng/ul
 RT: 27.56 min Scan# 4160
 Delta R.T. 0.01 min
 Lab File: BM002624.D
 Acq: 01 Sep 2015 12:25

Instrument :
 BNA_M
 ClientSampleId :
 D9EB4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.3	37.9
277	25.3	20.2	30.2

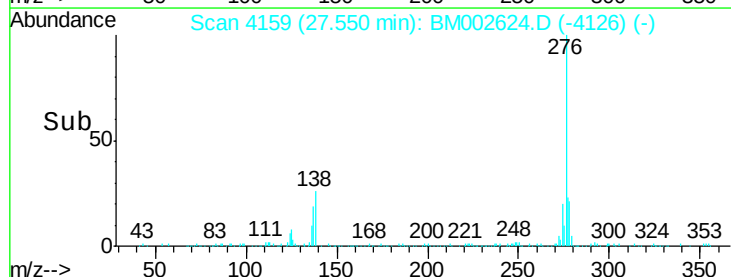
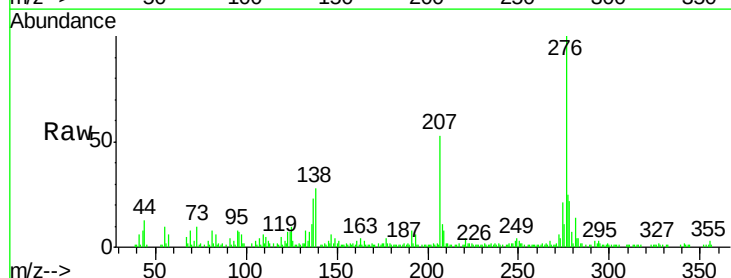
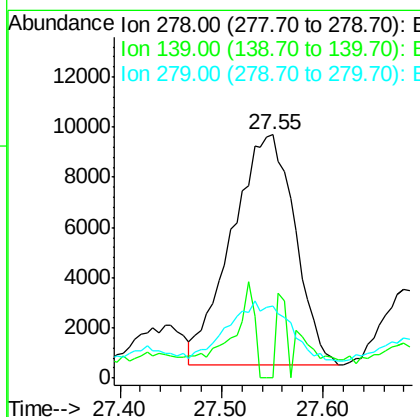
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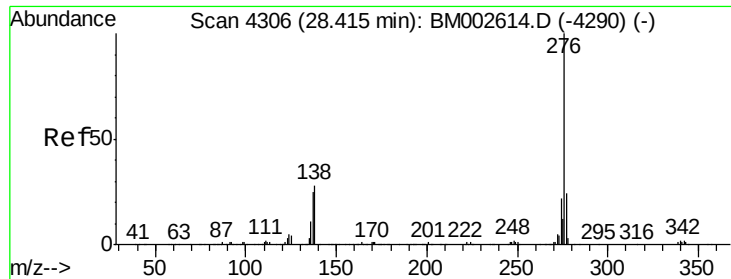
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.95 ng/ul
 RT: 27.55 min Scan# 4159
 Delta R.T. -0.01 min
 Lab File: BM002624.D
 Acq: 01 Sep 2015 12:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	29.6	18.8	28.2#





#29

Benzo(g,h,i)perylene

Concen: 7.80 ng/ul

RT: 28.42 min Scan# 4307

Delta R.T. 0.01 min

Lab File: BM002624.D

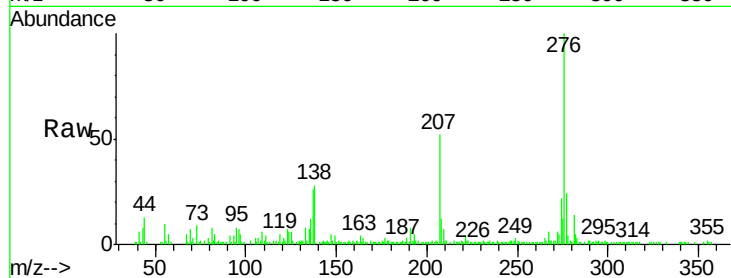
Acq: 01 Sep 2015 12:25

Instrument :

BNA_M

ClientSampleId :

D9EB4



Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.0	31.6
277	24.1	19.2	28.8

Manual Integrations
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