

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002299.D
 Acq On : 09 Aug 2015 05:10
 Operator : TP/UM
 Sample : G3161-14RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C59RE

Manual Integrations
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 8/10/2015 7:15:47 PM

Quant Time: Aug 09 07:08:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 06:16:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	300460	20.00	ng/ul	0.00
2) Naphthalene-d8	11.79	136	1433368	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	740526	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1470833	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1185736	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	1034501	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1548639	20.19	ng/ul	0.00
10) Fluorene-d10	16.47	176	1012330	18.97	ng/ul	0.00
14) Anthracene-d10	18.31	188	1431126	20.05	ng/ul	0.00
18) Pyrene-d10	20.53	212	1301021	22.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	964642	17.56	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.85	128	130883	1.73	ng/ul	Qvalue 98
4) 2-Methylnaphthalene	13.39	142	111715	2.07	ng/ul	98
5) 1-Methylnaphthalene	13.60	142	94758	1.78	ng/ul	99
13) Phenanthrene	18.25	178	585129	6.91	ng/ul	100
15) Anthracene	18.34	178	102836	1.18	ng/ul	99
16) Fluoranthene	20.19	202	1061586	11.33	ng/ul	97
19) Pyrene	20.55	202	865012	11.28	ng/ul	99
20) Benzo(a)anthracene	22.27	228	487870	6.74	ng/ul	98
21) Chrysene	22.33	228	552736m	8.06	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	744382	11.58	ng/ul	97
24) Benzo(k)fluoranthene	24.21	252	231623m	3.75	ng/ul	
26) Benzo(a)pyrene	24.87	252	463116	7.53	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	27.84	276	351647	4.99	ng/ul	94
28) Dibenzo(a,h)anthracene	27.84	278	96690	1.62	ng/ul#	81
29) Benzo(g,h,i)perylene	28.73	276	323343	5.43	ng/ul	97

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

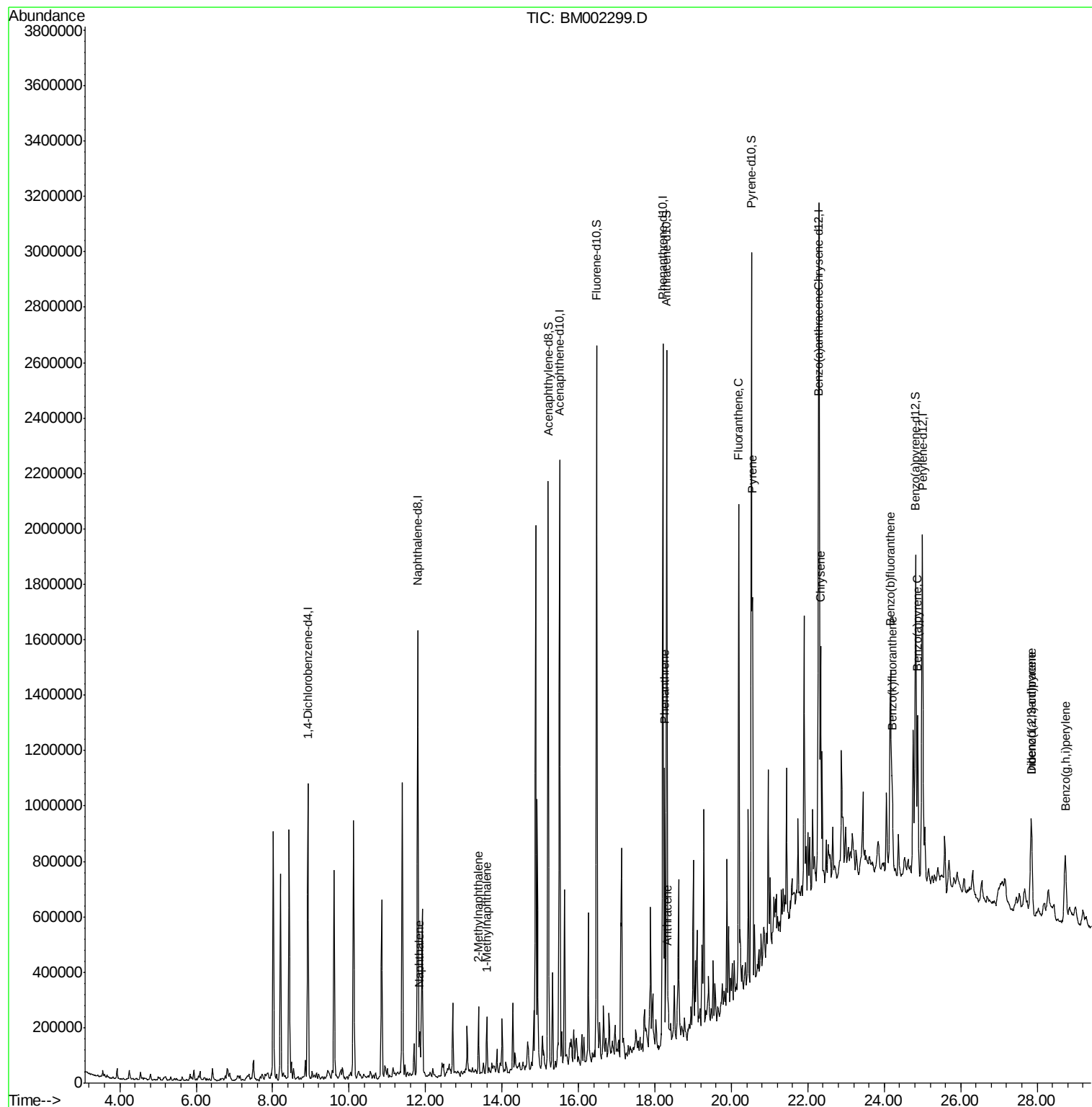
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002299.D
Acq On : 09 Aug 2015 05:10
Operator : TP/UM
Sample : G3161-14RE
Misc :
ALS Vial : 37 Sample Multiplier: 1

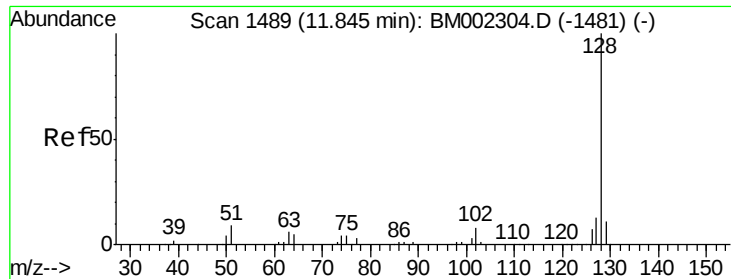
Instrument :
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Quant Time: Aug 09 07:08:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#3

Naphthalene

Concen: 1.73 ng/ul

RT: 11.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM002299.D

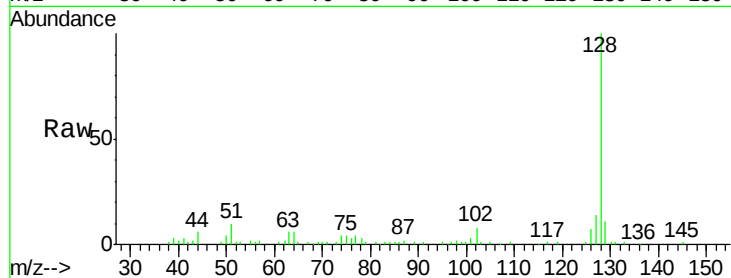
Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

ClientSampleId :

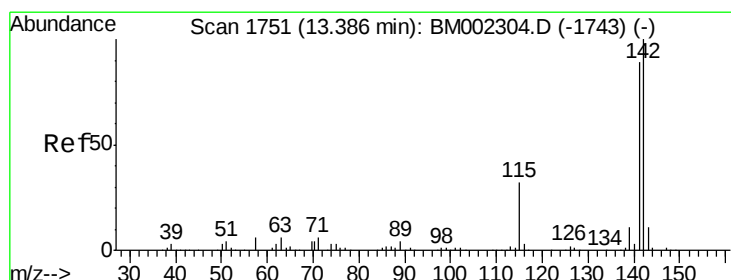
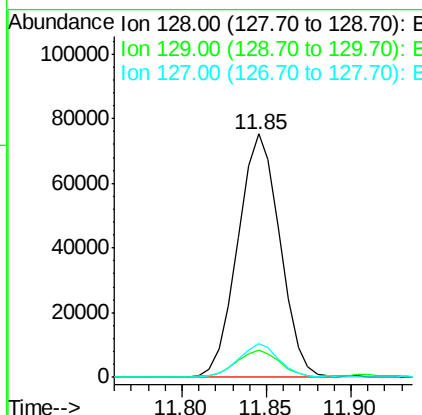
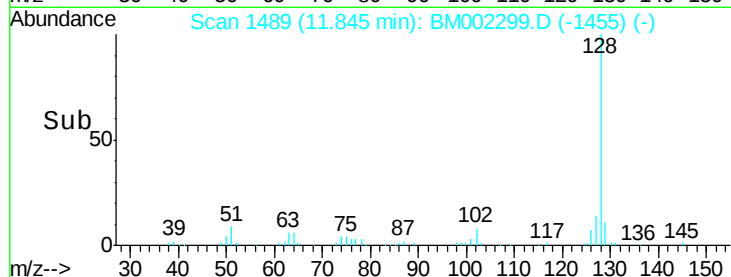
D9C59RE



Tgt Ion:	128	Resp:	130883
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	13.6	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 2.07 ng/ul

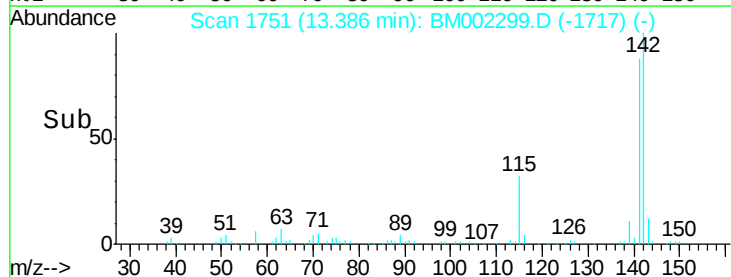
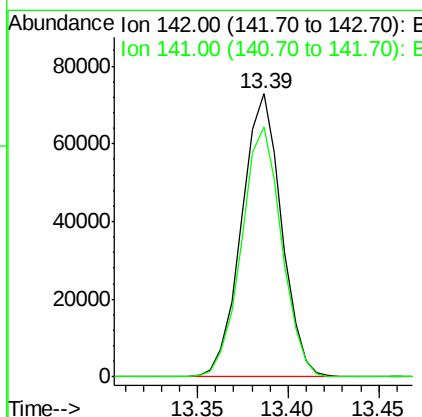
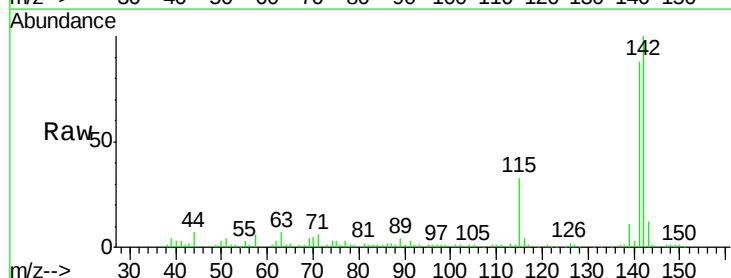
RT: 13.39 min Scan# 1751

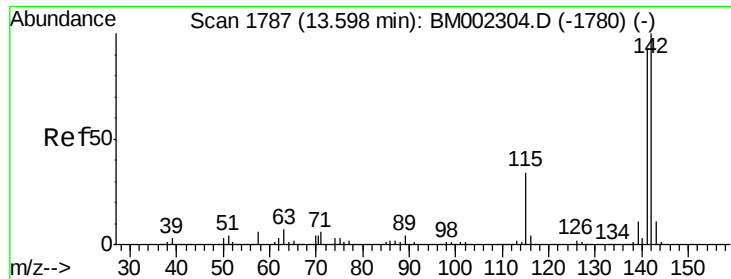
Delta R.T. 0.00 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Tgt Ion:	142	Resp:	111715
Ion Ratio	Lower	Upper	
142	100		
141	88.3	72.5	108.7





#5

1-Methylnaphthalene

Concen: 1.78 ng/ul

RT: 13.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BM002299.D

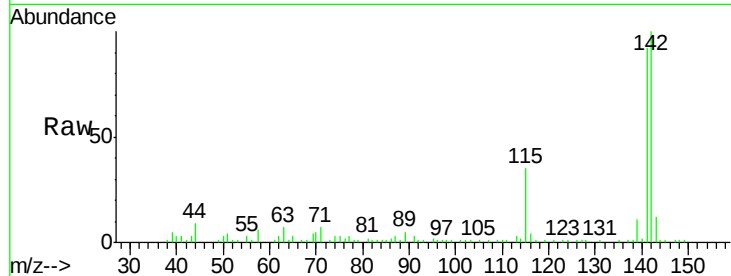
Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

ClientSampleId :

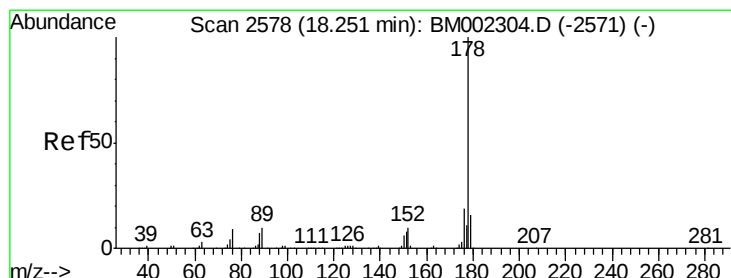
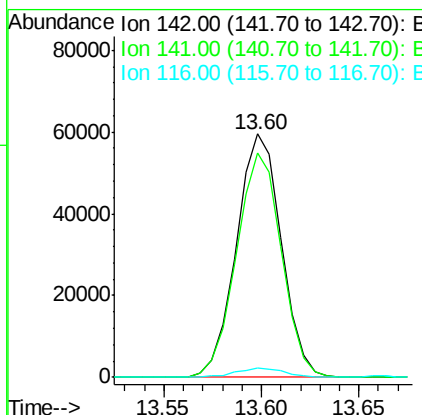
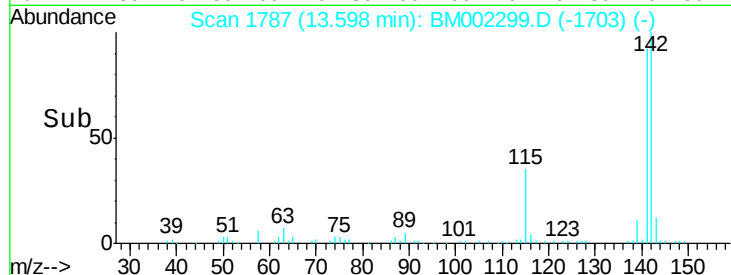
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Tgt Ion:	142	Resp:	94758
Ion Ratio	Lower	Upper	
142	100		
141	92.0	74.5	111.7
116	3.7	3.0	4.4

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#13

Phenanthrene

Concen: 6.91 ng/ul

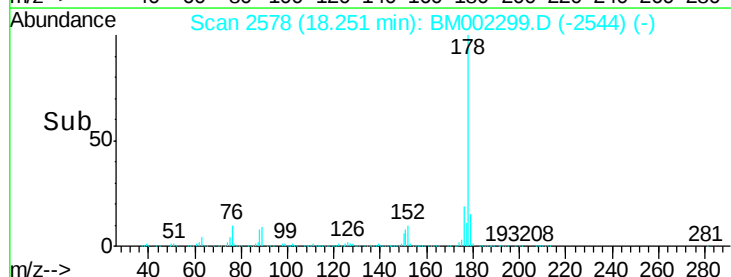
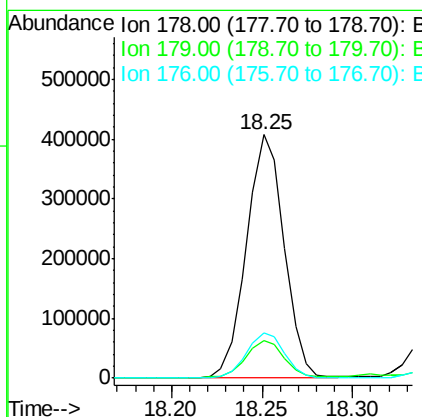
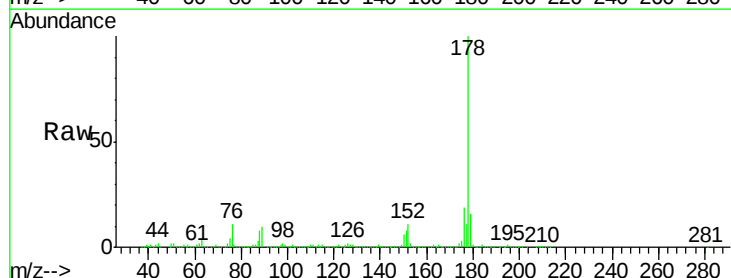
RT: 18.25 min Scan# 2578

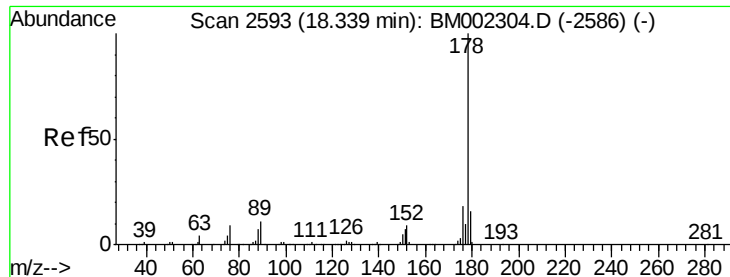
Delta R.T. 0.00 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Tgt Ion:	178	Resp:	585129
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	18.8	15.3	22.9





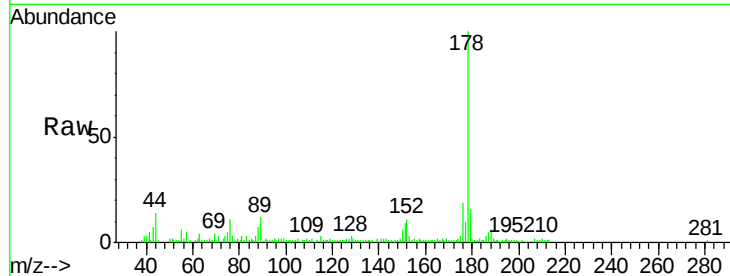
#15
 Anthracene
 Concen: 1.18 ng/ul
 RT: 18.34 min Scan# 2593
 Delta R.T. -0.01 min
 Lab File: BM002299.D
 Acq: 09 Aug 2015 05:10

Instrument :
 BNA_M
 ClientSampleId :
 D9C59RE

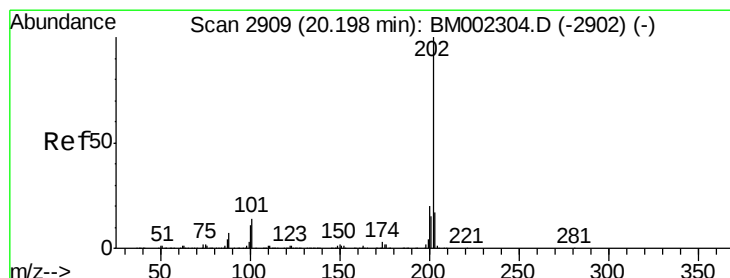
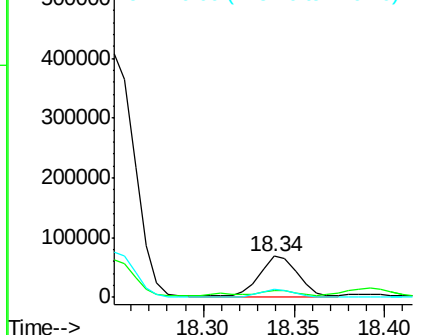
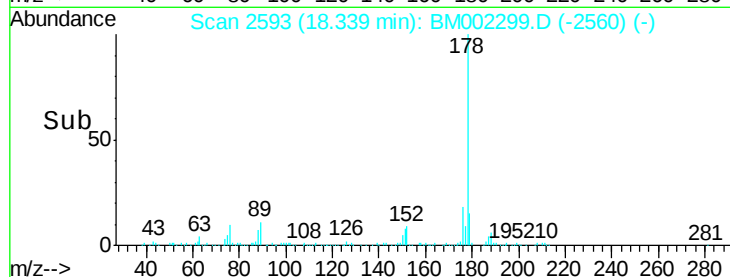
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.6	14.5	21.7

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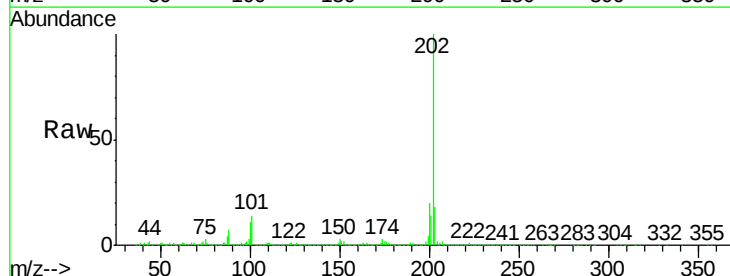


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

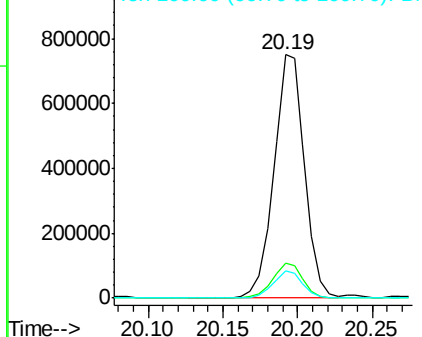
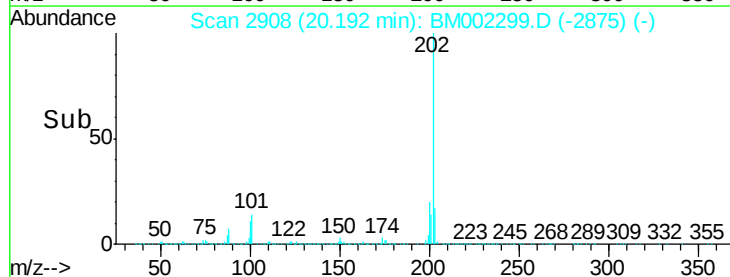


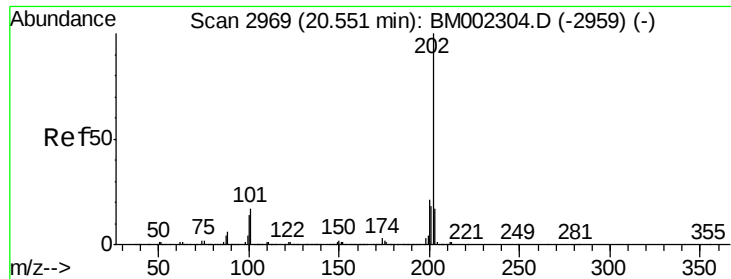
#16
 Fluoranthene
 Concen: 11.33 ng/ul
 RT: 20.19 min Scan# 2908
 Delta R.T. -0.01 min
 Lab File: BM002299.D
 Acq: 09 Aug 2015 05:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.6	15.8
100	11.2	8.2	12.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





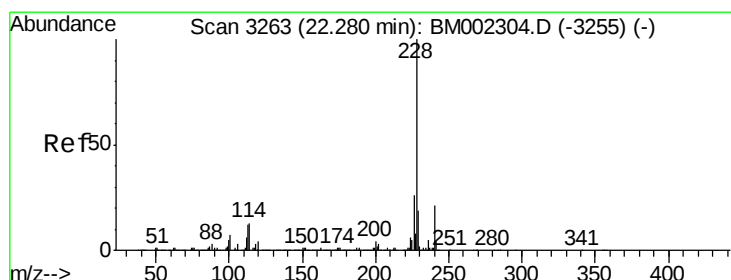
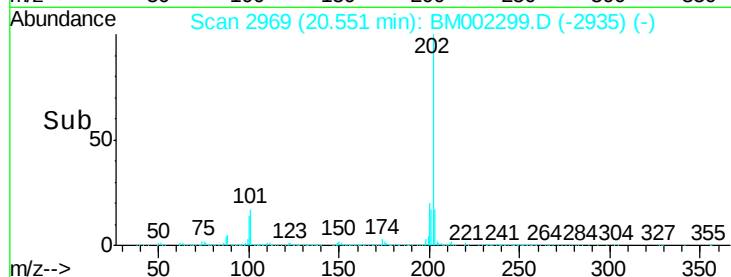
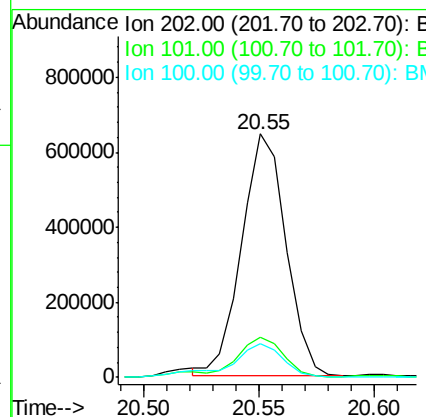
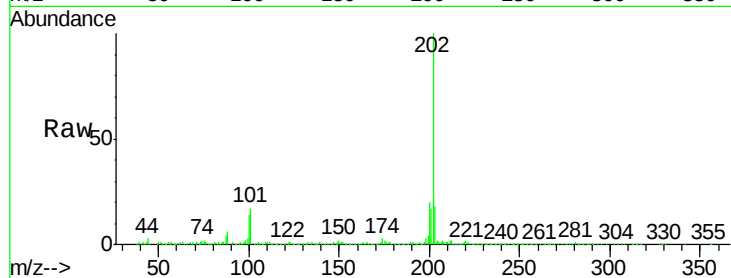
#19
Pyrene
Concen: 11.28 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM002299.D
Acq: 09 Aug 2015 05:10

Instrument :
BNA_M
ClientSampleId :
D9C59RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.7	13.0	19.6
100	14.0	11.0	16.4

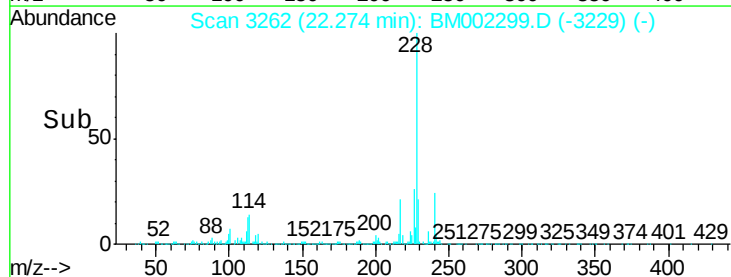
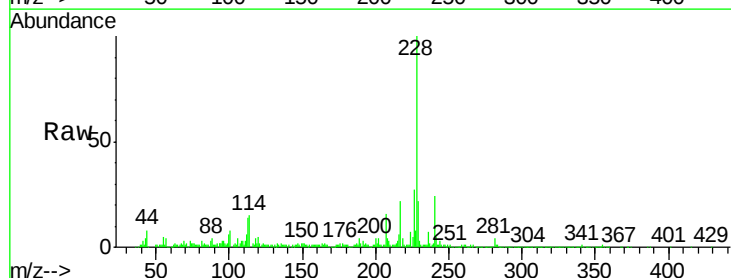
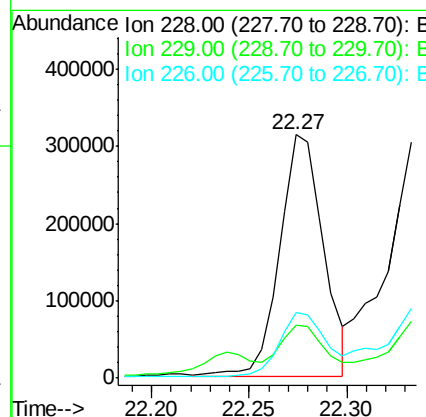
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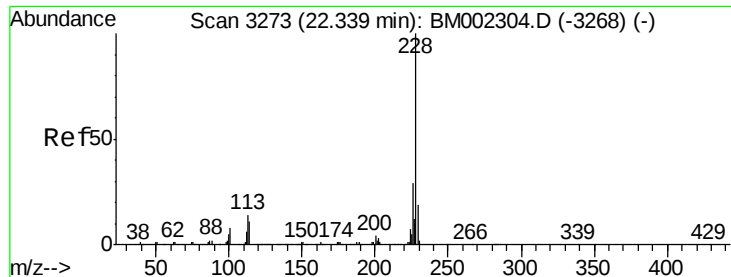
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#20
Benzo(a)anthracene
Concen: 6.74 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.01 min
Lab File: BM002299.D
Acq: 09 Aug 2015 05:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.0	15.7	23.5
226	26.8	21.4	32.0





#21

Chrysene

Concen: 8.06 ng/ul m

RT: 22.33 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

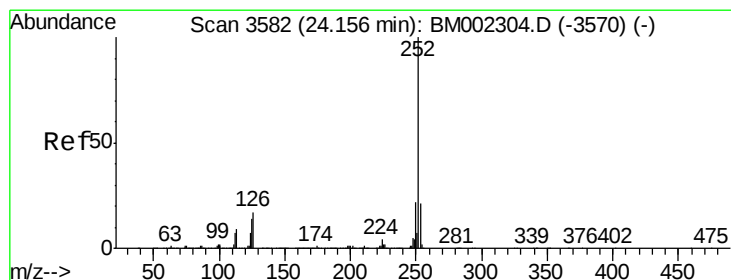
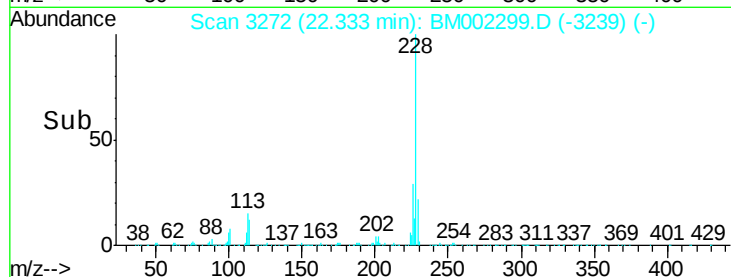
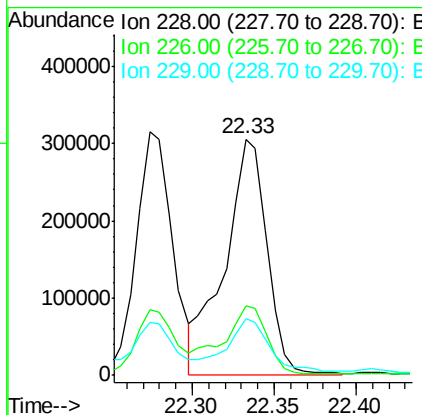
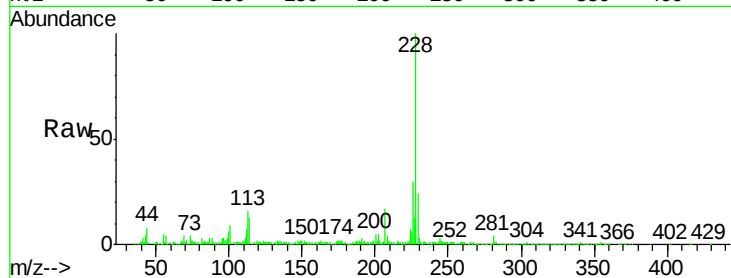
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Tgt Ion:	228	Resp:	552736
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.0
229	23.9	15.5	23.3#

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#23

Benzo(b)fluoranthene

Concen: 11.58 ng/ul

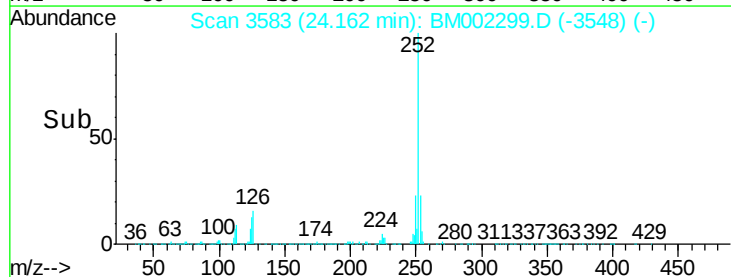
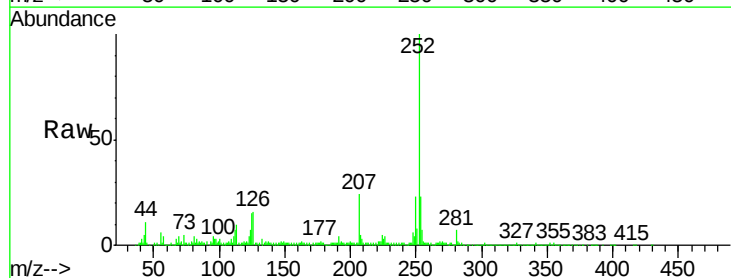
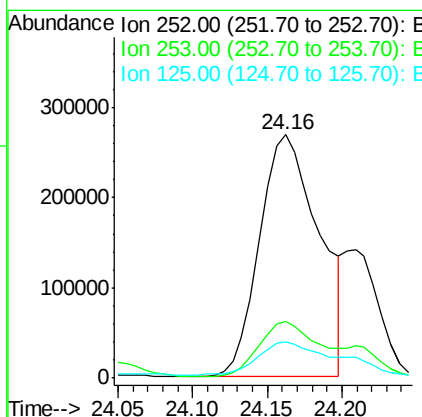
RT: 24.16 min Scan# 3583

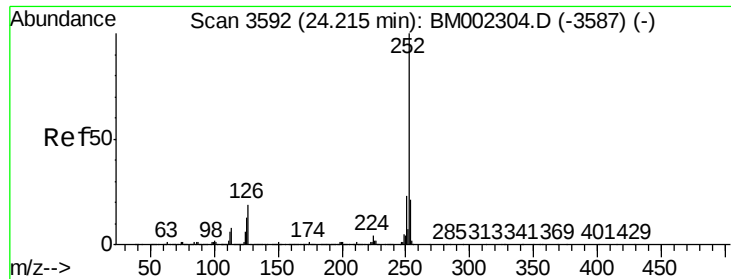
Delta R.T. 0.01 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Tgt Ion:	252	Resp:	744382
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.9	26.9
125	14.7	10.3	15.5





#24

Benzo(k)fluoranthene

Concen: 3.75 ng/ul m

RT: 24.21 min Scan# 3591

Delta R.T. -0.01 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Instrument :

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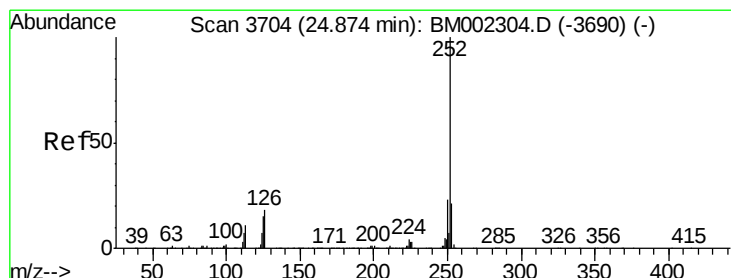
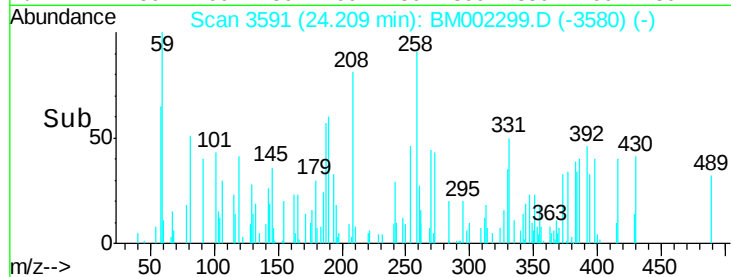
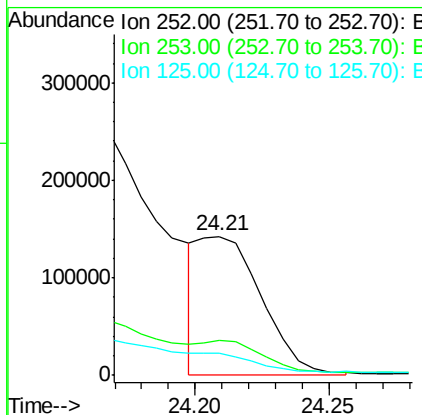
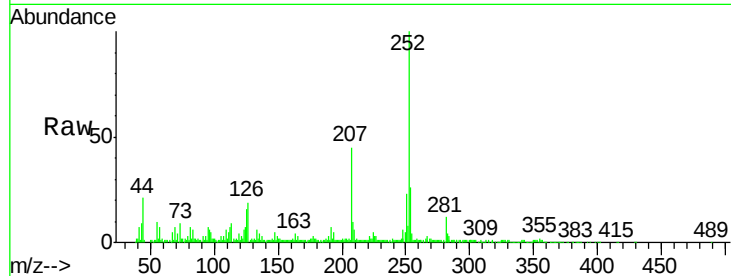
ClientSampleId :

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Tgt	Ion	252	Resp:	231623
Ion	Ratio	Lower	Upper	
252	100			
253	25.6	17.3	25.9	
125	15.8	10.2	15.4	

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#26

Benzo(a)pyrene

Concen: 7.53 ng/ul

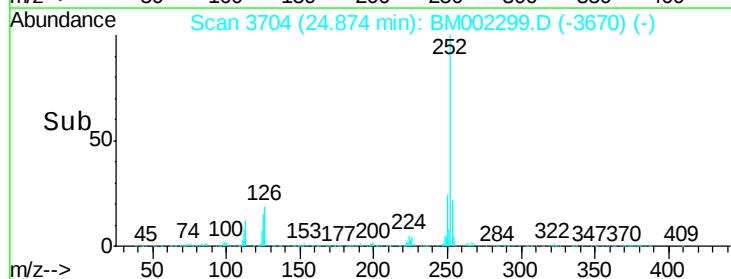
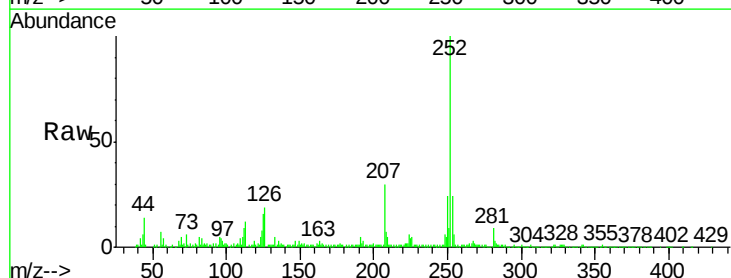
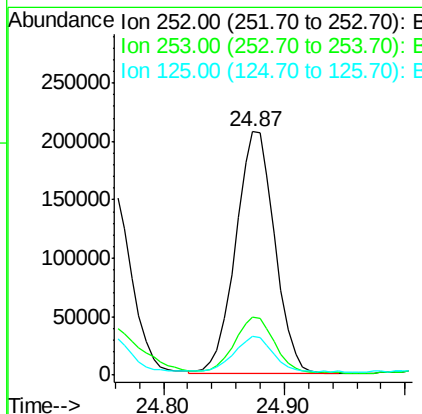
RT: 24.87 min Scan# 3704

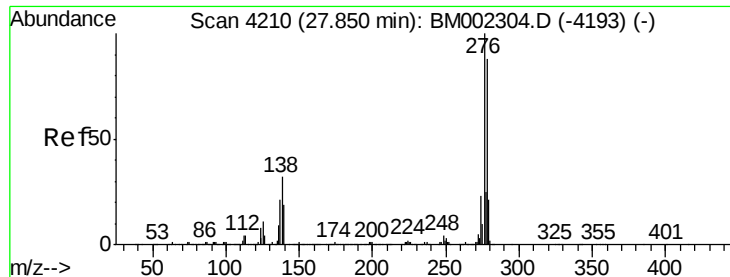
Delta R.T. 0.00 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Tgt	Ion	252	Resp:	463116
Ion	Ratio	Lower	Upper	
252	100			
253	23.9	17.3	25.9	
125	16.0	11.0	16.6	





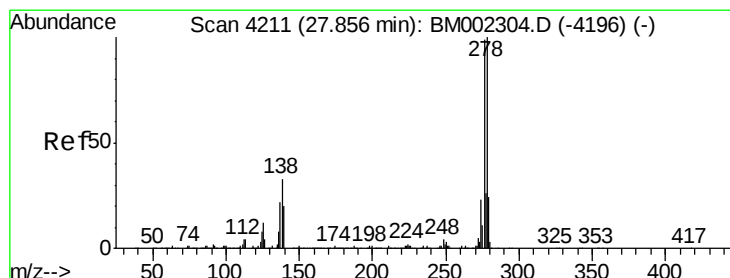
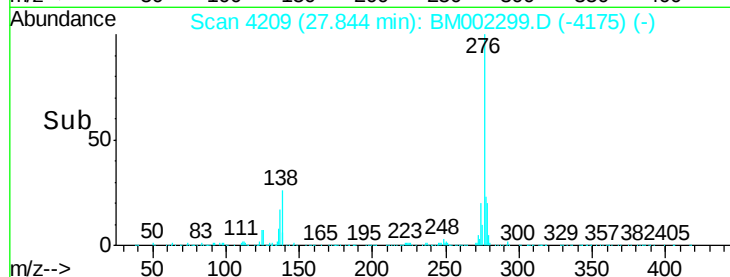
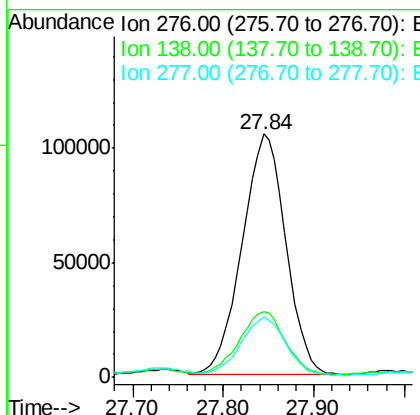
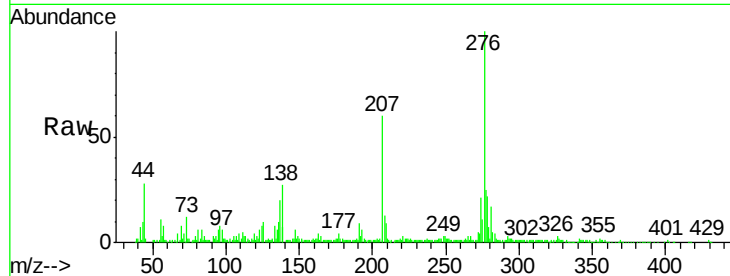
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.99 ng/ul
 RT: 27.84 min Scan# 4209
 Delta R.T. 0.00 min
 Lab File: BM002299.D
 Acq: 09 Aug 2015 05:10

Instrument :
 BNA_M
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 D9C59RE

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	351647		
138	27.1	25.6	38.4	
277	24.7	21.0	31.4	

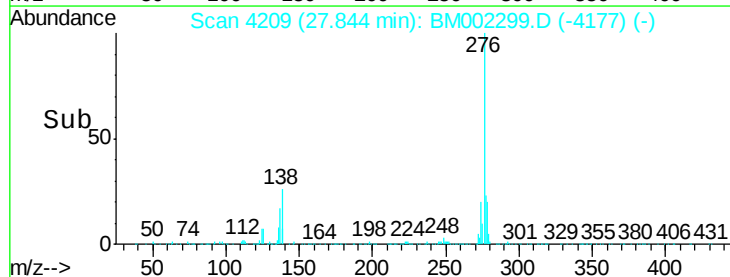
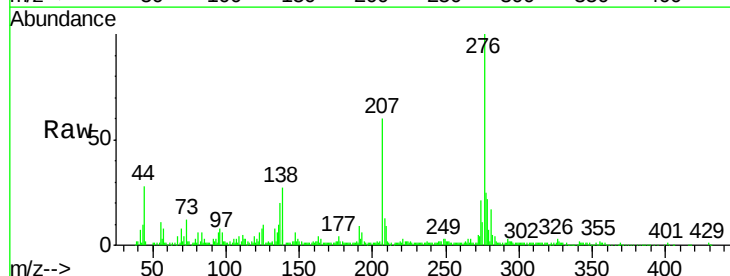
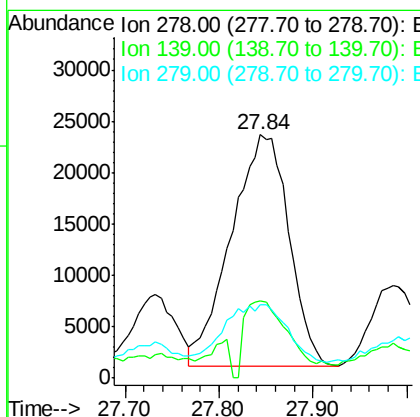
Manual Integrations
 APPROVED

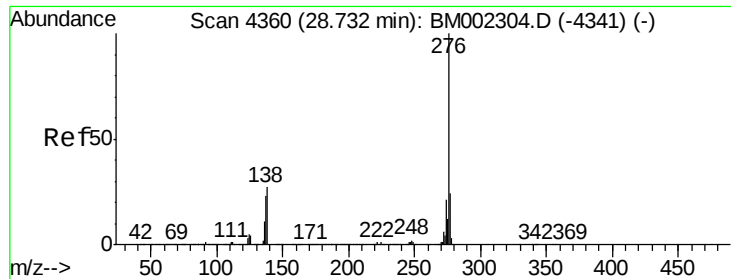
MMDadoda
 8/10/2015 7:15:47 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 1.62 ng/ul
 RT: 27.84 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: BM002299.D
 Acq: 09 Aug 2015 05:10

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	96690		
139	31.7	16.4	24.6#	
279	30.3	18.8	28.2#	





#29

Benzo(g,h,i)perylene

Concen: 5.43 ng/ul

RT: 28.73 min Scan# 4360

Delta R.T. 0.01 min

Lab File: BM002299.D

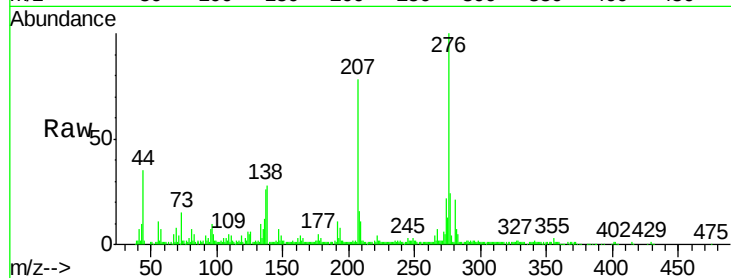
Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

ClientSampleId :

D9C59RE



Tgt	Ion	276	Resp:	323343
Ion	Ratio	100	Lower	Upper
276	100			
138	27.9	20.5	30.7	
277	24.3	19.0	28.6	

Manual Integrations
APPROVED

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8/10/2015 7:15:47 PM

