

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
 Data File : BM002541.D
 Acq On : 22 Aug 2015 03:31
 Operator : UM/IZ
 Sample : G3372-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DX0

Manual Integrations
 APPROVED

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 8/24/2015 11:25:21 AM

Quant Time: Aug 22 05:00:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 23:16:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	134572	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	639795	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	350095	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.11	188	722813	20.00	ng/ul	0.00
17) Chrysene-d12	22.19	240	614487	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	466544	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.10	160	778793	21.76	ng/ul	0.00
10) Fluorene-d10	16.37	176	514749	20.47	ng/ul	0.00
14) Anthracene-d10	18.21	188	730671	20.96	ng/ul	0.00
18) Pyrene-d10	20.43	212	671374	24.65	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.66	264	407721	16.64	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.15	178	413785	9.91	ng/ul	Qvalue 100
16) Fluoranthene	20.10	202	773509	16.37	ng/ul	98
19) Pyrene	20.46	202	585534	16.27	ng/ul	99
20) Benzo(a)anthracene	22.17	228	205496	5.59	ng/ul	99
21) Chrysene	22.23	228	272630	7.93	ng/ul	98
23) Benzo(b)fluoranthene	24.02	252	311347	11.04	ng/ul	97
24) Benzo(k)fluoranthene	24.06	252	93601m	3.50	ng/ul	
26) Benzo(a)pyrene	24.72	252	171869	6.38	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.62	276	139547	4.50	ng/ul	94
28) Dibenzo(a,h)anthracene	27.62	278	35988	1.39	ng/ul#	76
29) Benzo(g,h,i)perylene	28.49	276	128815	4.99	ng/ul	98

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

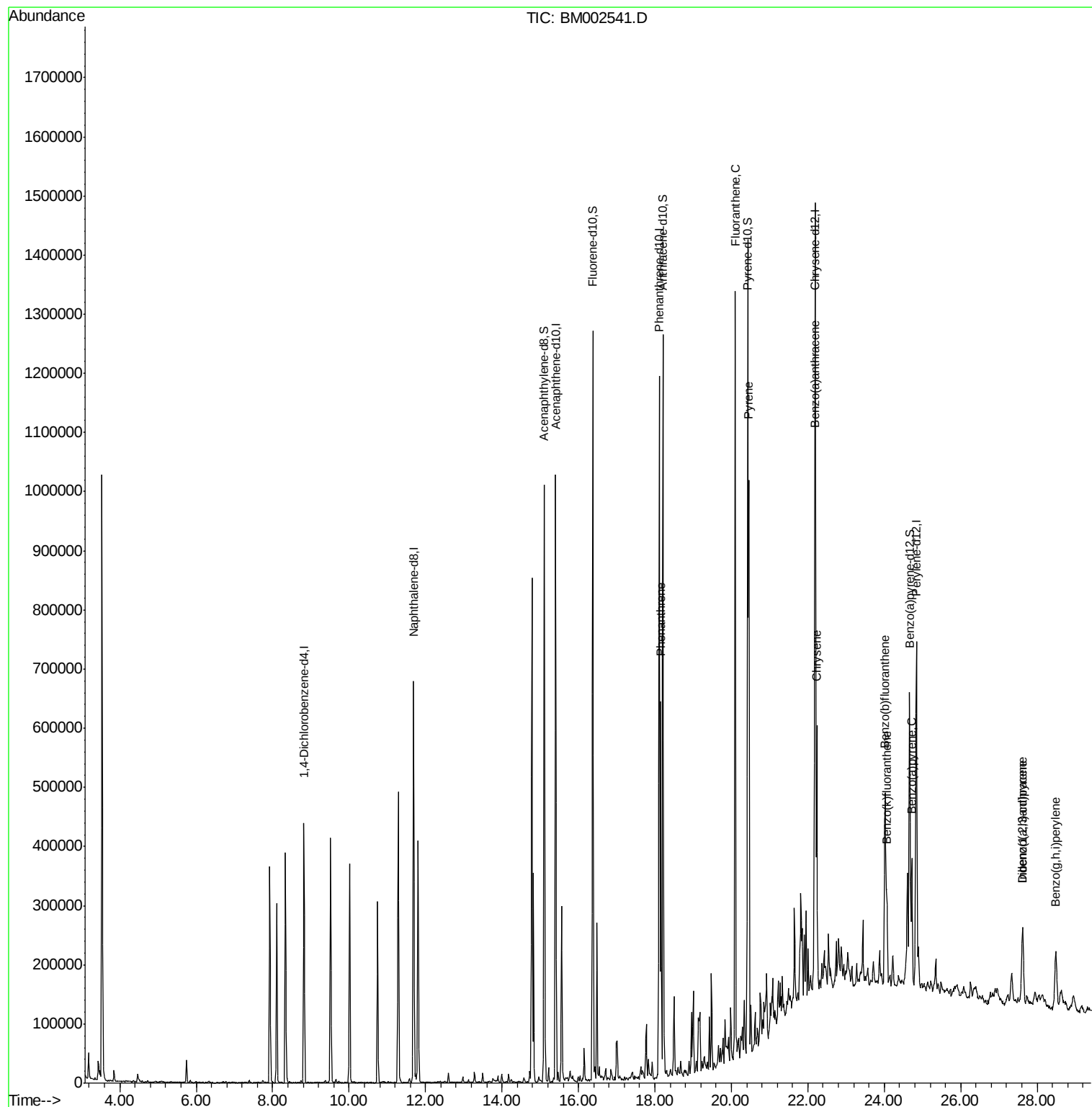
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002541.D
Acq On : 22 Aug 2015 03:31
Operator : UM/IZ
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ALS Vial : 23 Sample Multiplier: 1

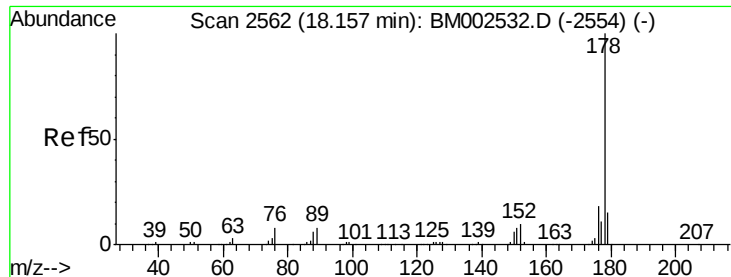
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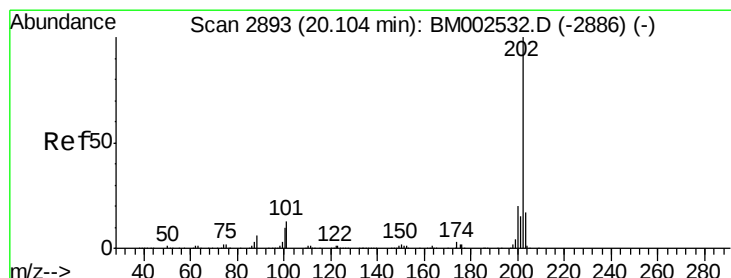
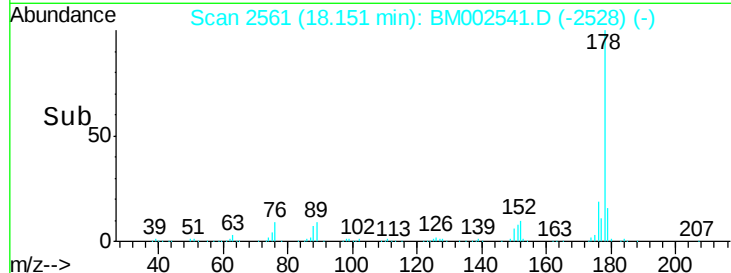
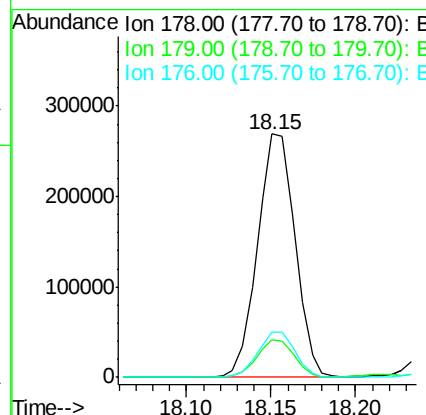
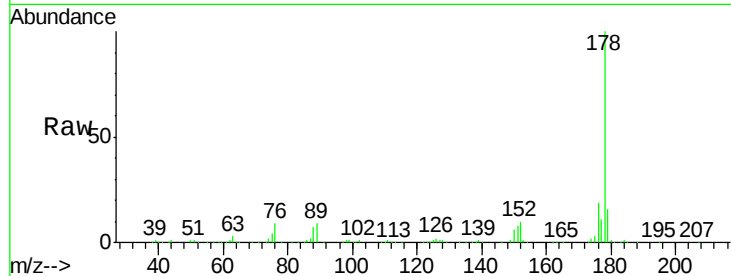
#13
Phenanthrene
Concen: 9.91 ng/ul
RT: 18.15 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BM002541.D
Acq: 22 Aug 2015 03:31

Instrument :
BNA_M
ClientSampleId :
D9DX0

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	413785		
179	15.5	12.4	18.6	
176	18.6	15.1	22.7	

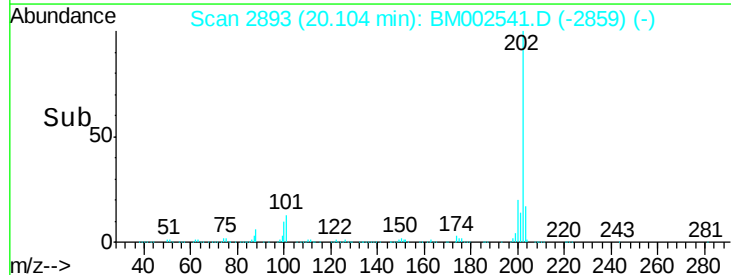
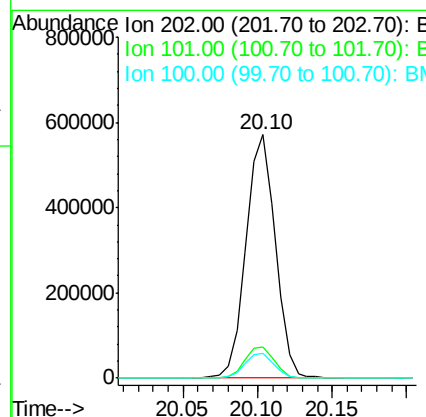
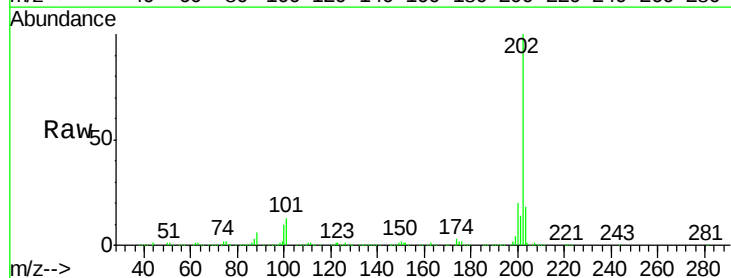
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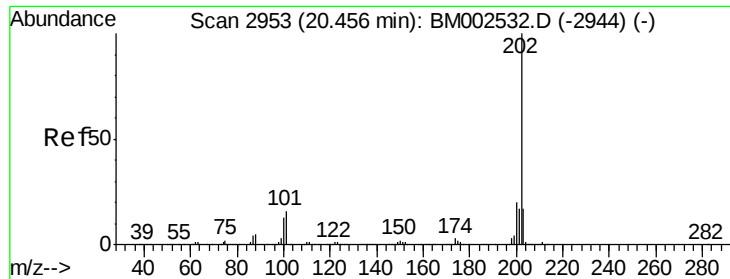
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#16
Fluoranthene
Concen: 16.37 ng/ul
RT: 20.10 min Scan# 2893
Delta R.T. 0.00 min
Lab File: BM002541.D
Acq: 22 Aug 2015 03:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	773509		
101	12.9	9.7	14.5	
100	10.1	7.4	11.2	





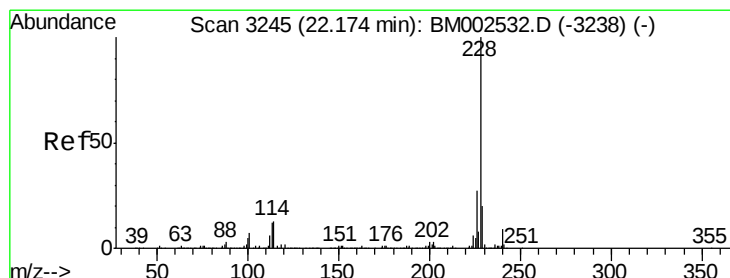
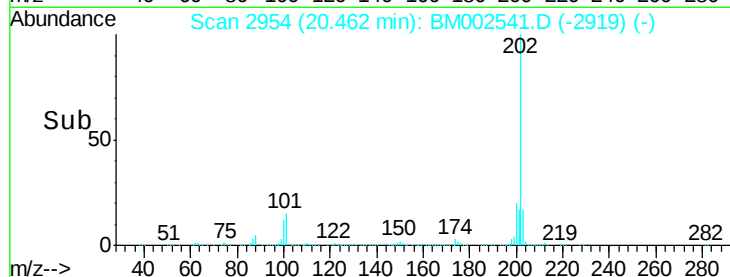
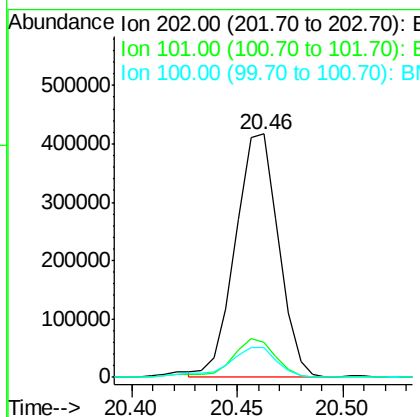
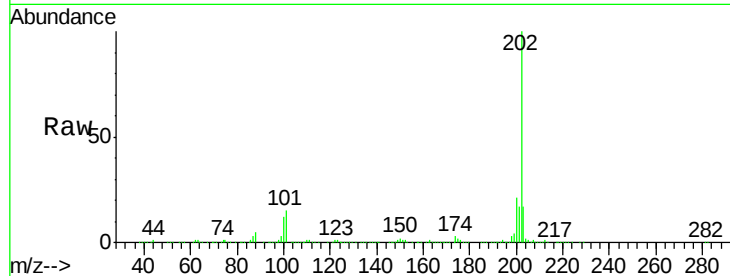
#19
Pyrene
Concen: 16.27 ng/ul
RT: 20.46 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BM002541.D
Acq: 22 Aug 2015 03:31

Instrument :
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ClientSampleId :
D9DX0

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	585534		
101	14.5	12.0	18.0	
100	12.0	9.7	14.5	

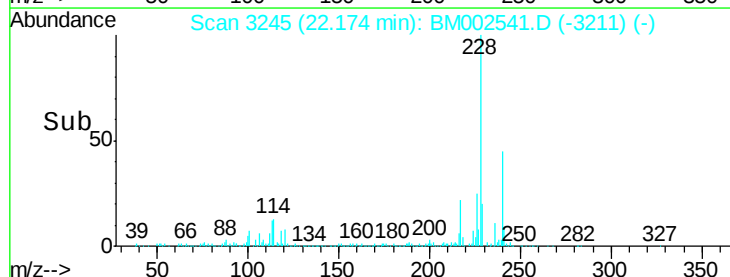
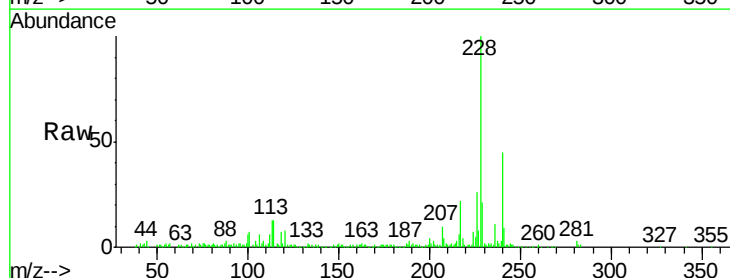
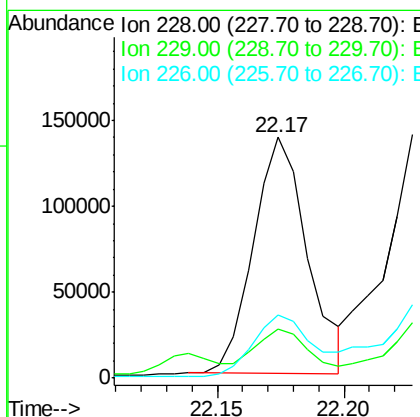
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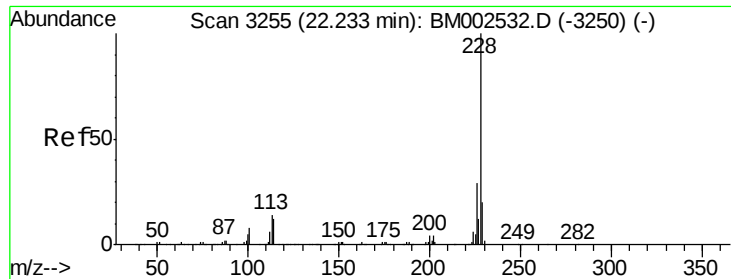
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#20
Benzo(a)anthracene
Concen: 5.59 ng/ul
RT: 22.17 min Scan# 3245
Delta R.T. 0.00 min
Lab File: BM002541.D
Acq: 22 Aug 2015 03:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	205496		
229	20.6	15.8	23.6	
226	26.0	21.1	31.7	





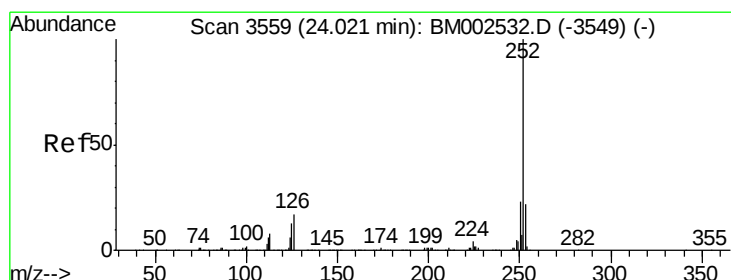
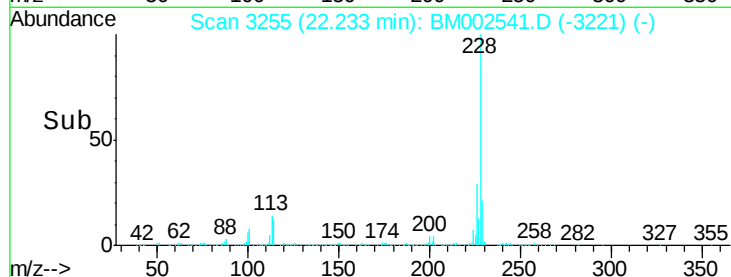
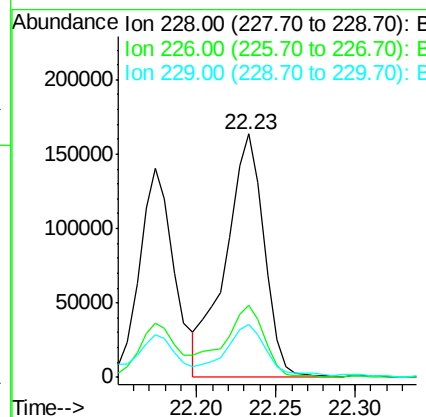
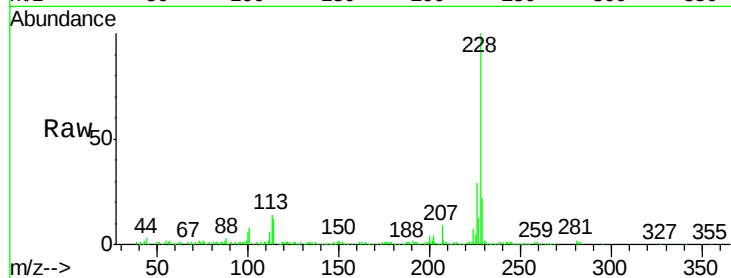
#21
Chrysene
Concen: 7.93 ng/ul
RT: 22.23 min Scan# 3255
Delta R.T. 0.00 min
Lab File: BM002541.D
Acq: 22 Aug 2015 03:31

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	272630		
226	29.5	23.4	35.2	
229	22.0	15.7	23.5	

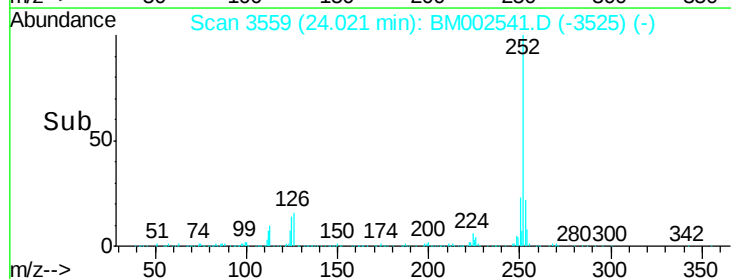
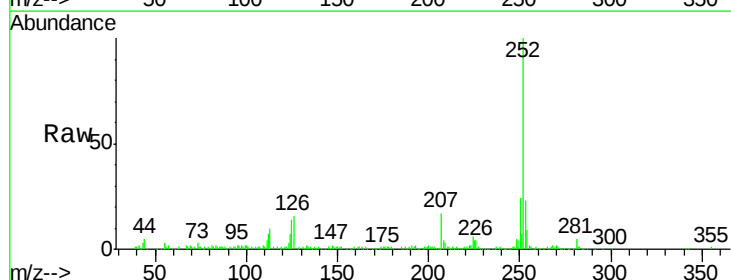
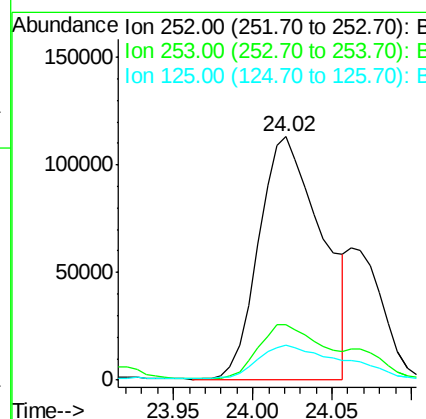
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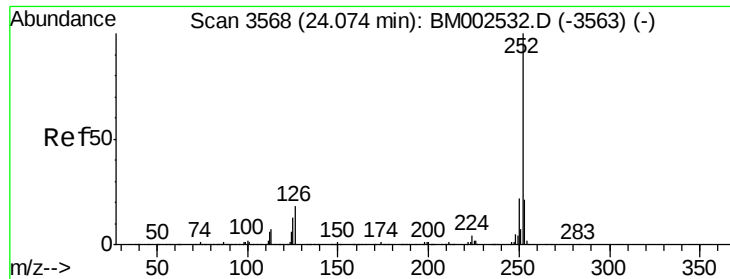
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#23
Benzo(b)fluoranthene
Concen: 11.04 ng/ul
RT: 24.02 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BM002541.D
Acq: 22 Aug 2015 03:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	311347		
253	22.7	17.4	26.0	
125	14.5	10.0	15.0	





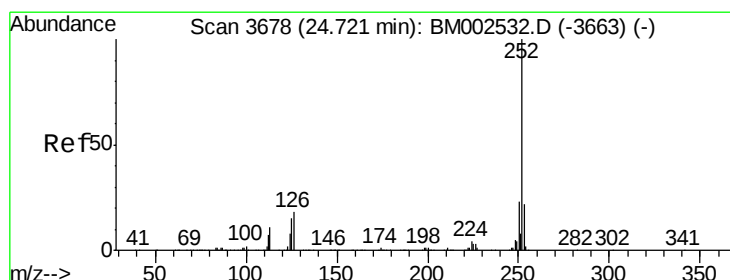
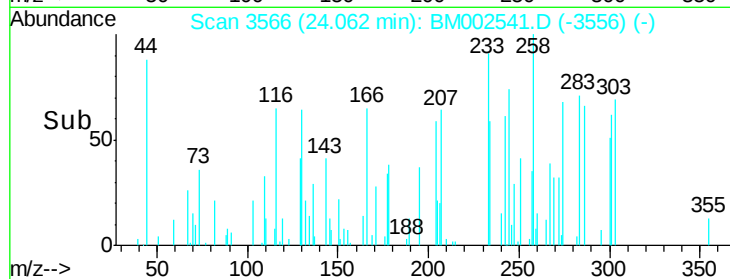
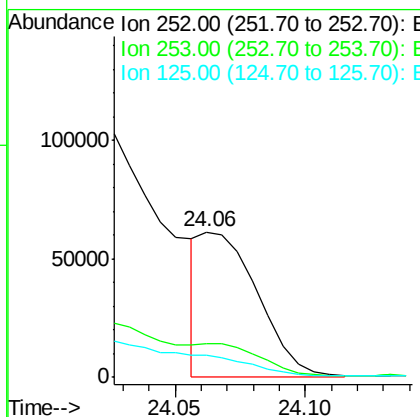
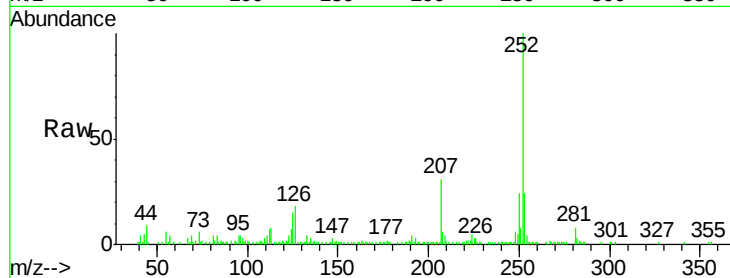
#24
Benzo(k)fluoranthene
Concen: 3.50 ng/ul m
RT: 24.06 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BM002541.D
Acq: 22 Aug 2015 03:31

Instrument :
BNA_M
ClientSampleId :
D9DX0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	15.3	9.8	14.8

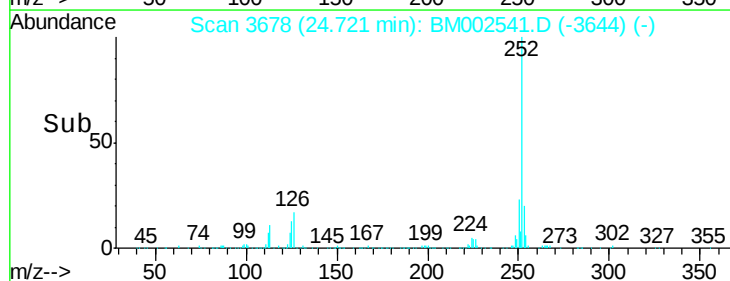
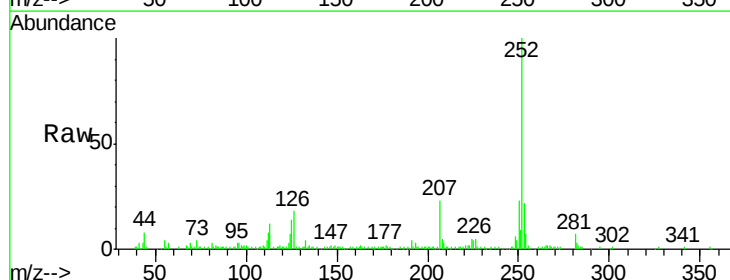
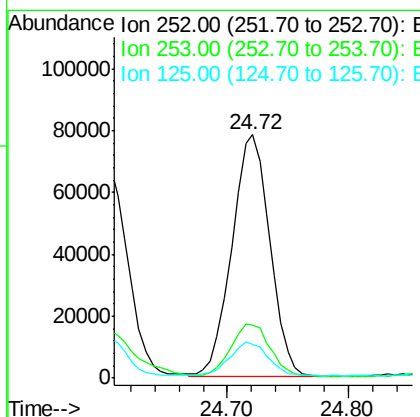
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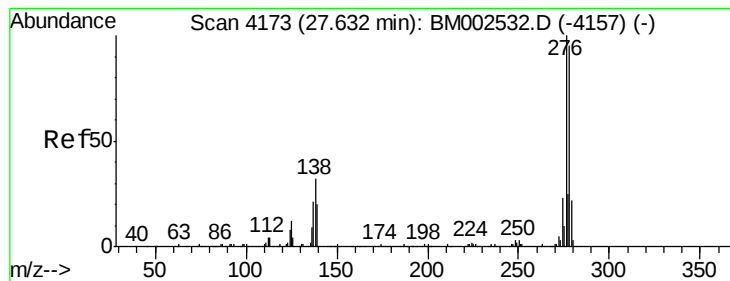
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#26
Benzo(a)pyrene
Concen: 6.38 ng/ul
RT: 24.72 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BM002541.D
Acq: 22 Aug 2015 03:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	14.1	10.7	16.1





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.50 ng/ul

RT: 27.62 min Scan# 4171

Delta R.T. -0.01 min

Lab File: BM002541.D

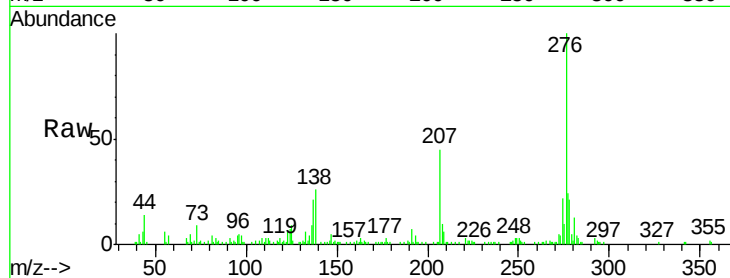
Acq: 22 Aug 2015 03:31

Instrument :

BNA_M

ClientSampleId :

D9DX0



Tgt Ion:276 Resp: 139547

Ion Ratio Lower Upper

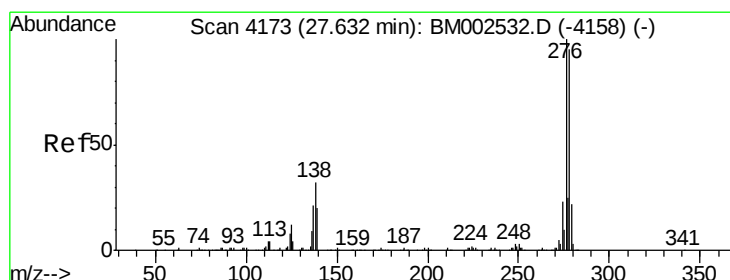
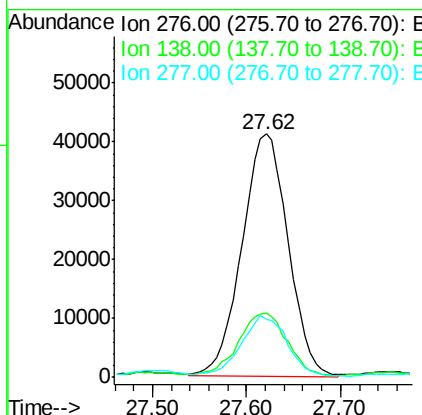
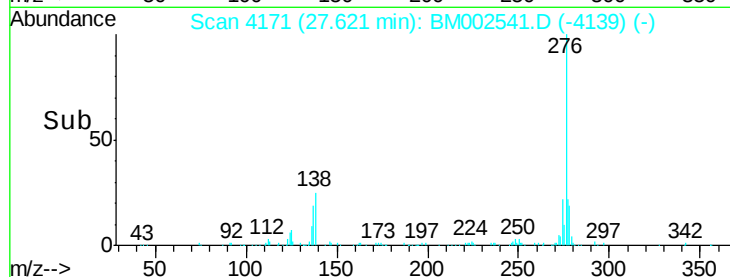
276 100

138 26.3 25.3 37.9

277 24.0 20.2 30.2

Manual Integrations
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#28

Dibenzo(a,h)anthracene

Concen: 1.39 ng/ul

RT: 27.62 min Scan# 4171

Delta R.T. -0.01 min

Lab File: BM002541.D

Acq: 22 Aug 2015 03:31

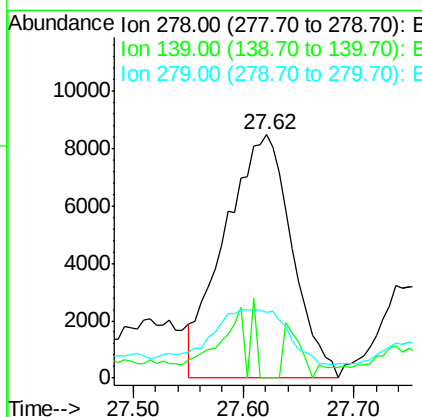
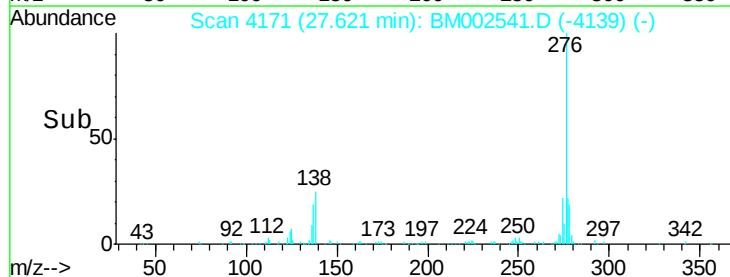
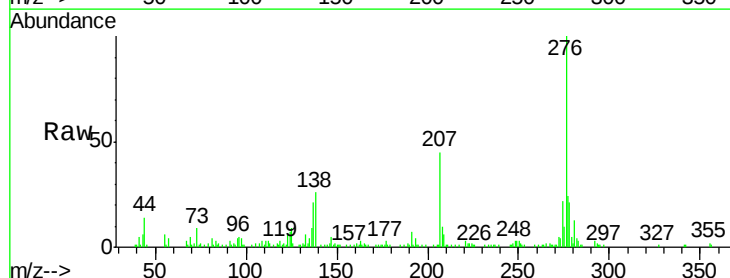
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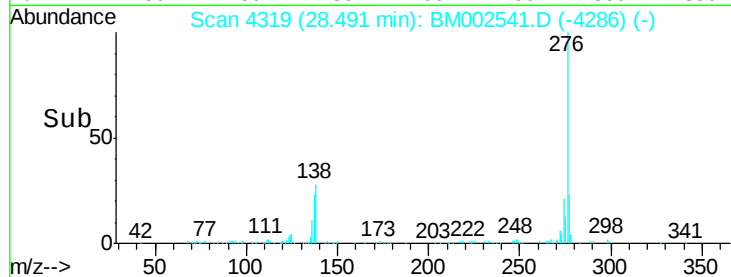
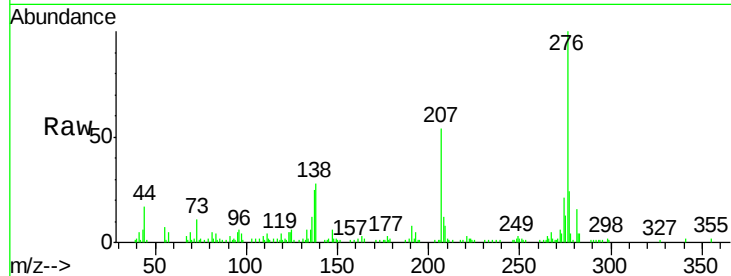
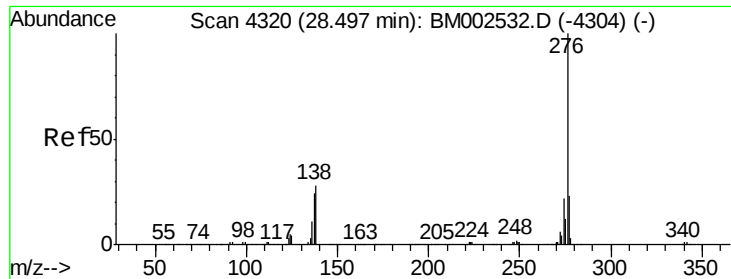
Ion Ratio Lower Upper

278 100

139 0.0 16.5 24.7#

279 26.8 18.8 28.2





#29

Benzo(g,h,i)perylene

Concen: 4.99 ng/ul

RT: 28.49 min Scan# 4319

Delta R.T. -0.01 min

Lab File: BM002541.D

Acq: 22 Aug 2015 03:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	128815		
138	28.4		21.0	31.6
277	24.4		19.2	28.8

Instrument :

BNA_M

ClientSampleId :

D9DX0

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