

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006791.D
 Acq On : 31 Jul 2016 16:10
 Operator : UM/SJ
 Sample : H4192-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0E2

Manual Integrations
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Quant Time: Aug 01 07:27:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	183158	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	807611	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	454631	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1009679	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1108601	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1146027	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	5969	1.32	ng/uL	0.00
3) Phenol-d5	6.79	99	244534	15.69	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	171270	17.74	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	205737	16.52	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	147130	12.17	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	107439	17.57	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	115974	17.84	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	201361	16.39	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	243841	18.02	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	660527	18.53	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	843982	18.55	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	87574	14.15	ng/ul	0.00
21) Fluorene-d10	15.26	176	583617	18.31	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	78107	14.90	ng/ul	0.00
26) Anthracene-d10	17.11	188	880921	18.37	ng/ul	0.00
30) Pyrene-d10	19.41	212	994626	19.69	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	994117	18.86	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.05	178	380469	6.70	ng/ul	99
27) Anthracene	17.14	178	59452	1.02	ng/ul	96
28) Fluoranthene	19.07	202	673965	10.10	ng/ul	98
31) Pyrene	19.44	202	547504	8.16	ng/ul	98
32) Benzo(a)anthracene	21.20	228	309266	4.60	ng/ul	98
33) Chrysene	21.24	228	331048	5.34	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	446284	6.50	ng/ul	100
36) Benzo(k)fluoranthene	22.79	252	113996m	1.72	ng/ul	
38) Benzo(a)pyrene	23.31	252	254662	3.81	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.61	276	184002	2.38	ng/ul	98
41) Benzo(g,h,i)perylene	26.29	276	157424	2.37	ng/ul	97

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

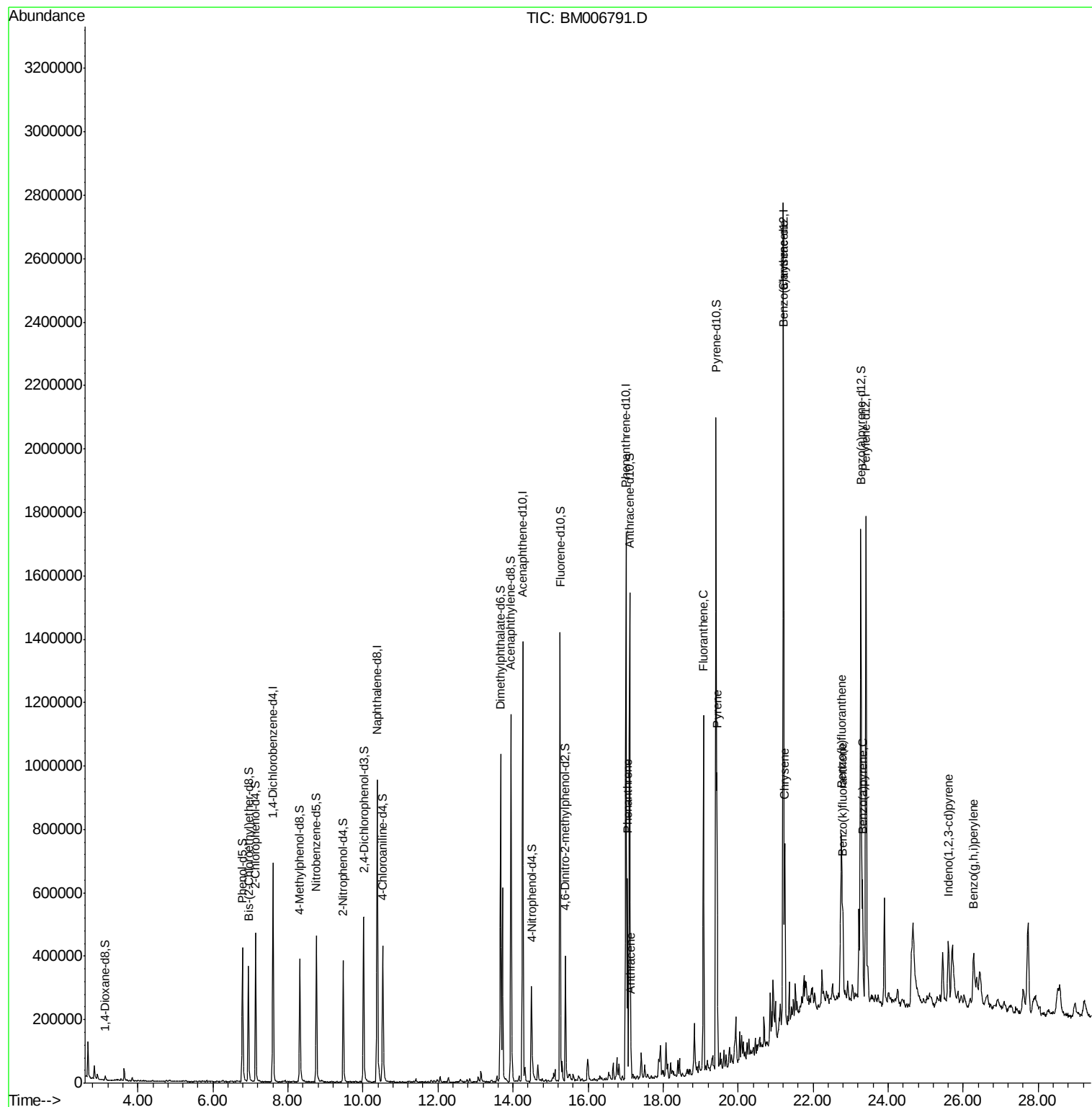
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006791.D
Acq On : 31 Jul 2016 16:10
Operator : UM/SJ
Sample : H4192-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

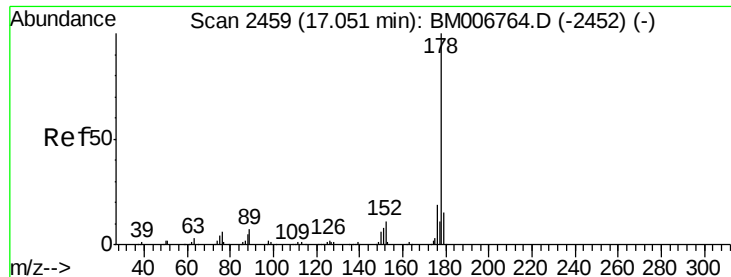
Instrument :
BNA_M
ClientSampled :
DA0E2

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





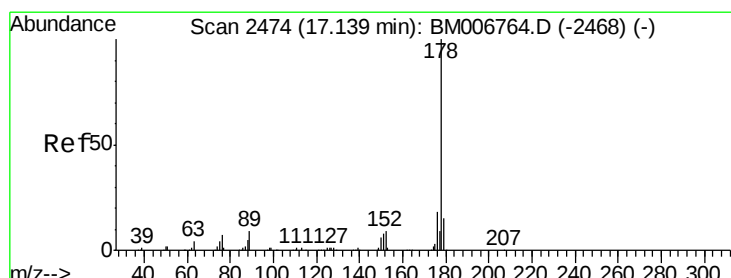
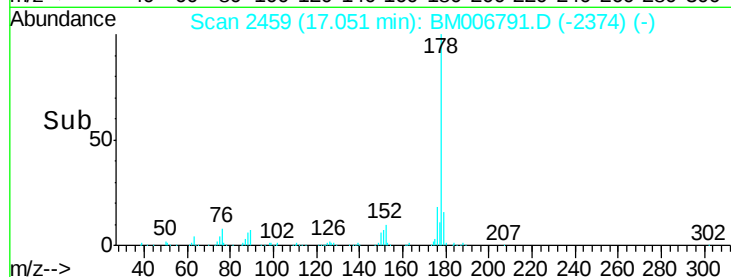
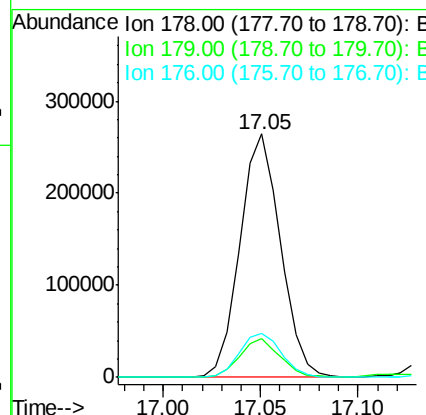
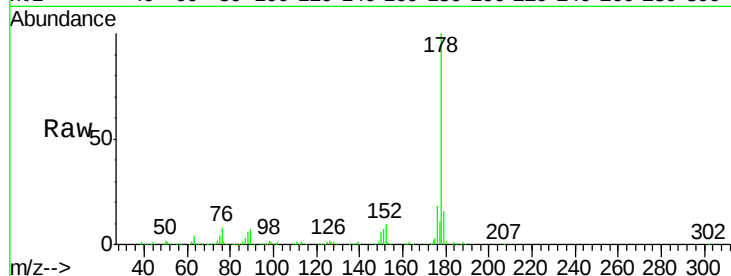
#25
Phenanthrene
Concen: 6.70 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM006791.D
Acq: 31 Jul 2016 16:10

Instrument :
BNA_M
ClientSampleId :
DA0E2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.2	14.8	22.2

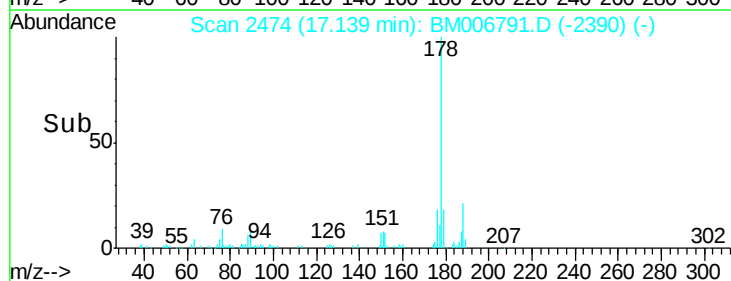
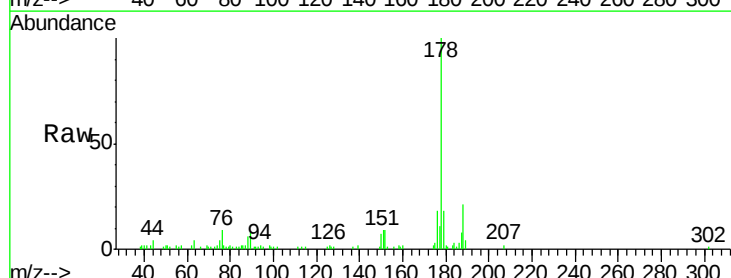
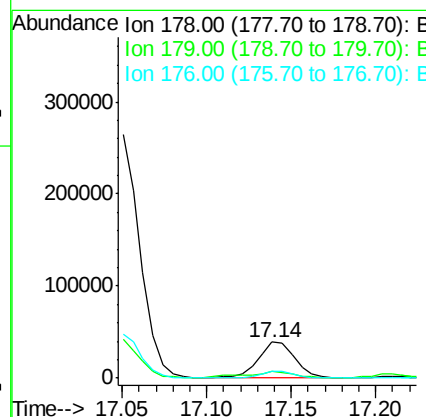
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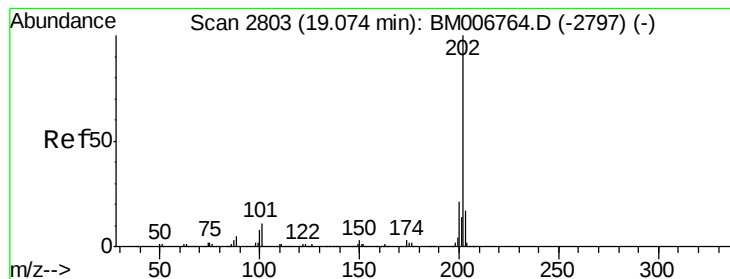
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#27
Anthracene
Concen: 1.02 ng/ul
RT: 17.14 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BM006791.D
Acq: 31 Jul 2016 16:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.9	19.3
176	17.8	15.6	23.4





#28

Fluoranthene

Concen: 10.10 ng/ul

RT: 19.07 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BM006791.D

Acq: 31 Jul 2016 16:10

Instrument :

BNA_M

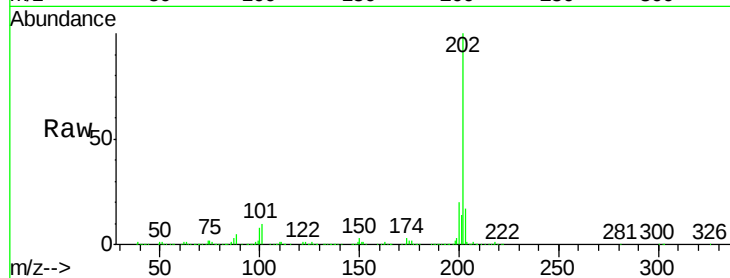
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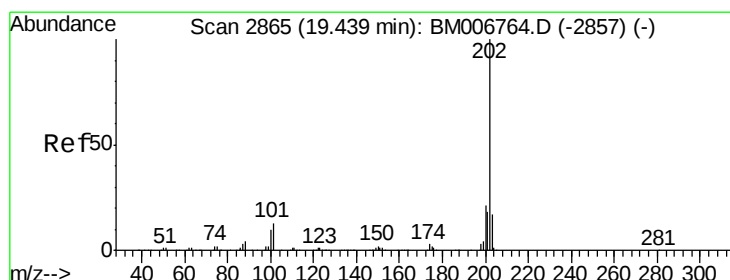
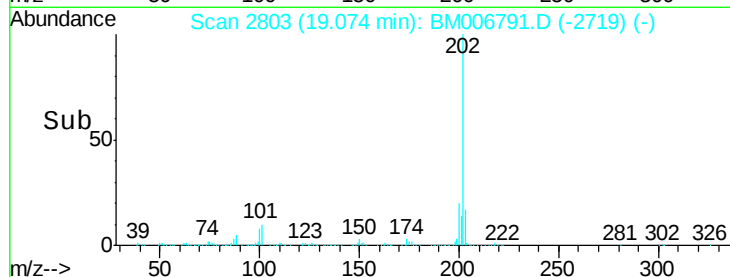
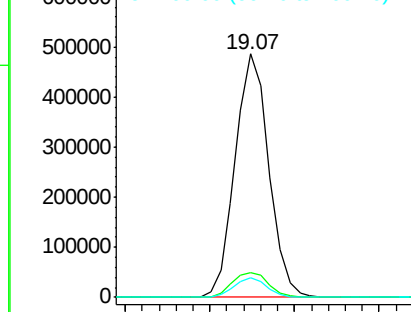
Tgt Ion:	202	Resp:	673965
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.9	13.3
100	8.0	7.0	10.4

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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



#31

Pyrene

Concen: 8.16 ng/ul

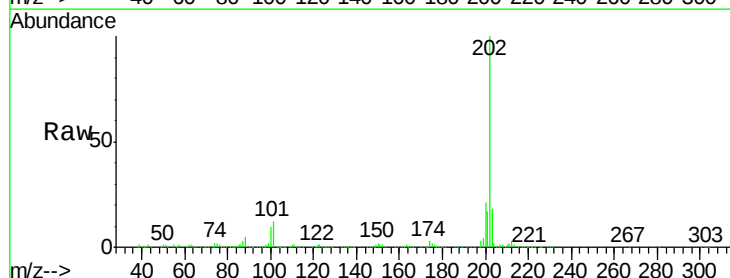
RT: 19.44 min Scan# 2865

Delta R.T. -0.01 min

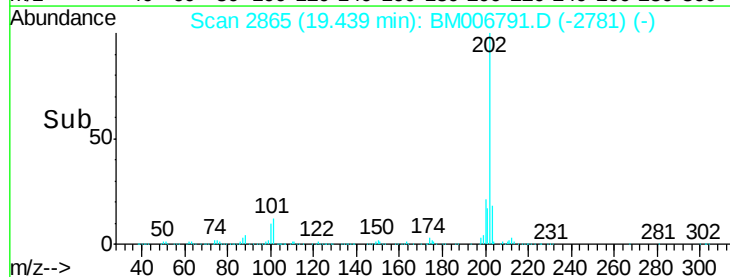
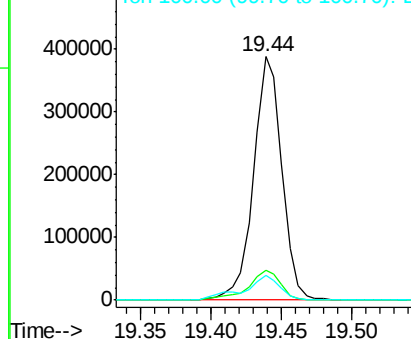
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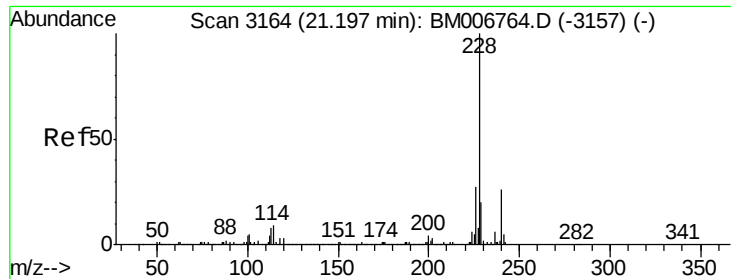
Acq: 31 Jul 2016 16:10

Tgt Ion:	202	Resp:	547504
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.8	14.8
100	10.3	9.3	13.9



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





#32

Benzo(a)anthracene

Concen: 4.60 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM006791.D

Acq: 31 Jul 2016 16:10

Instrument :

BNA_M

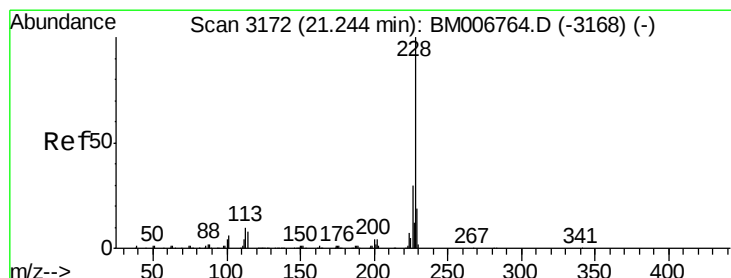
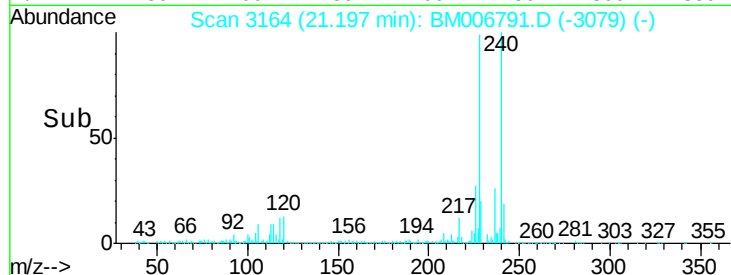
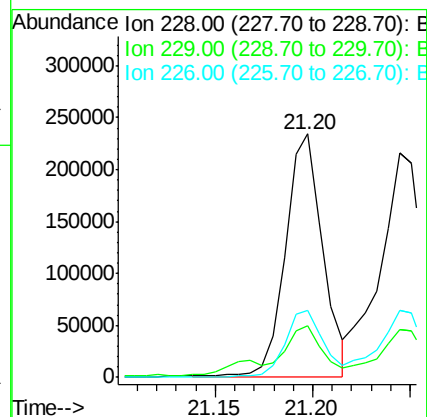
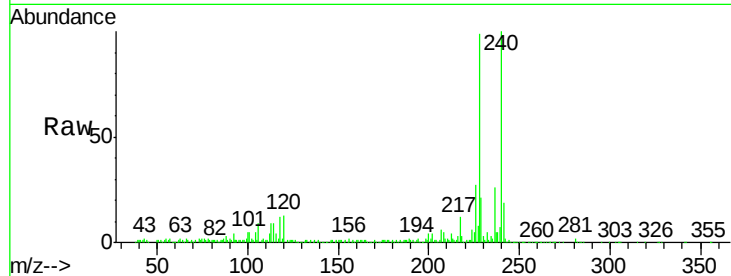
ClientSampleId :

DA0E2

Tgt Ion:	228	Resp:	309266
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.6	25.0
226	27.6	21.0	31.4

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#33

Chrysene

Concen: 5.34 ng/ul

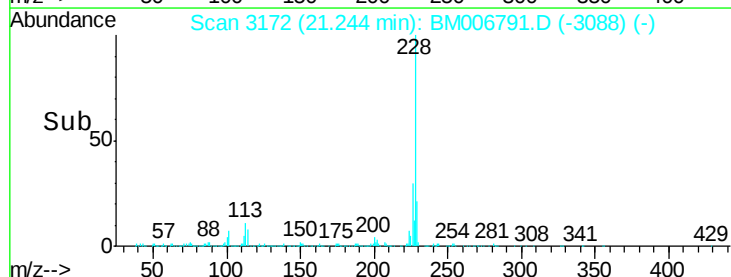
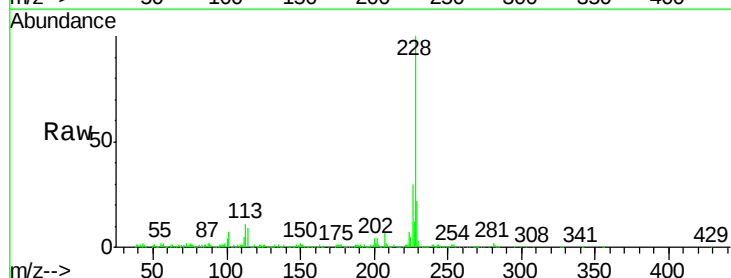
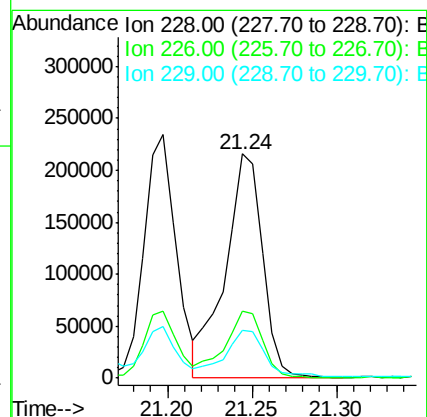
RT: 21.24 min Scan# 3172

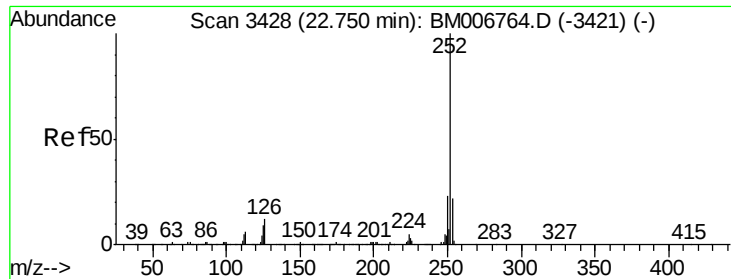
Delta R.T. -0.01 min

Lab File: BM006791.D

Acq: 31 Jul 2016 16:10

Tgt Ion:	228	Resp:	331048
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.2
229	21.5	16.2	24.2





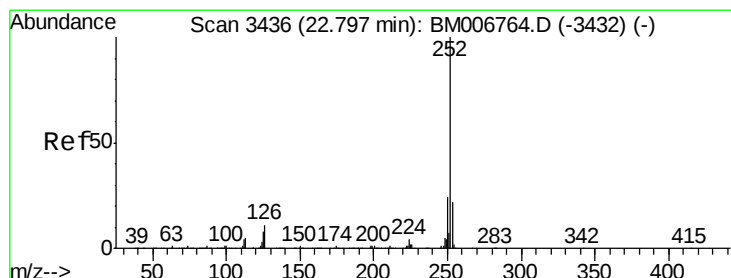
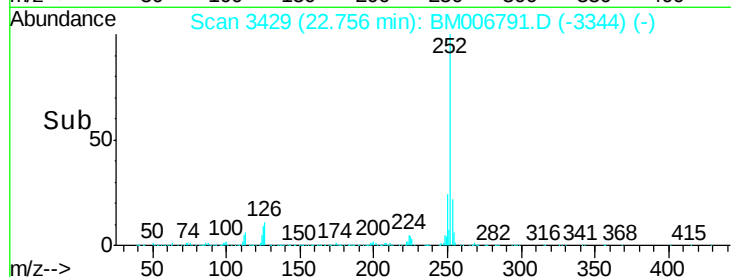
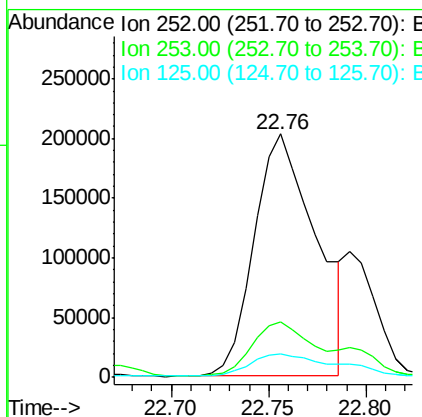
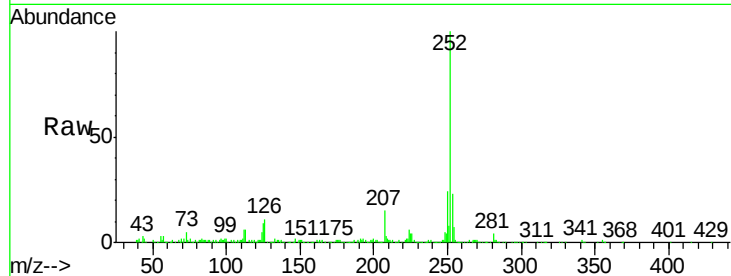
#35
Benzo(b)fluoranthene
Concen: 6.50 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006791.D
Acq: 31 Jul 2016 16:10

Instrument :
BNA_M
ClientSampled :
DA0E2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.4	7.6	11.4

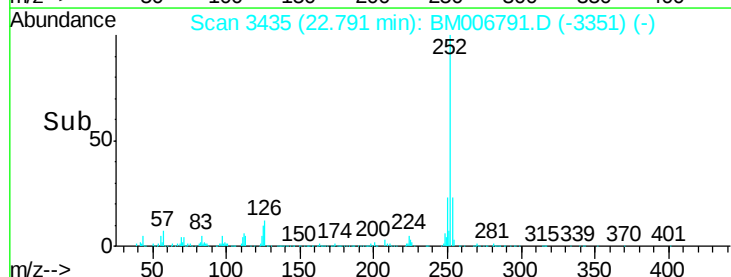
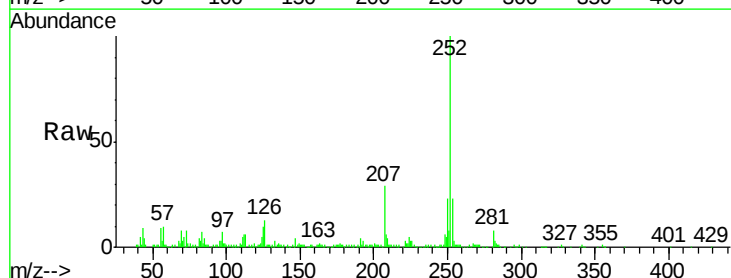
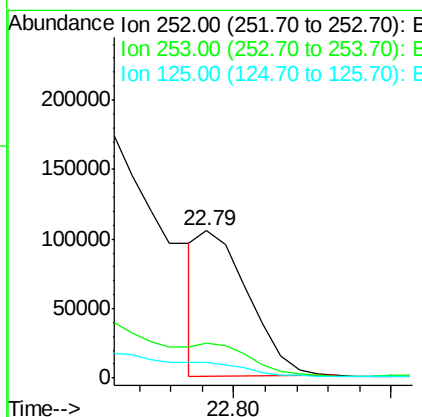
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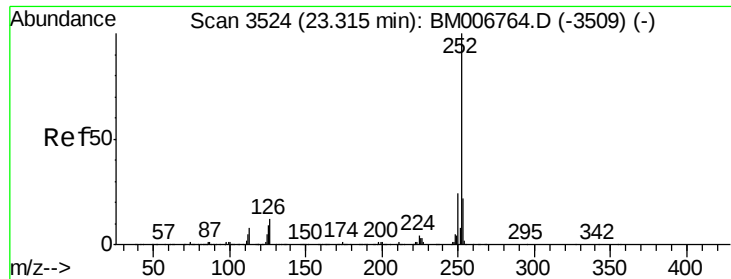
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#36
Benzo(k)fluoranthene
Concen: 1.72 ng/ul m
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006791.D
Acq: 31 Jul 2016 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	10.5	7.7	11.5





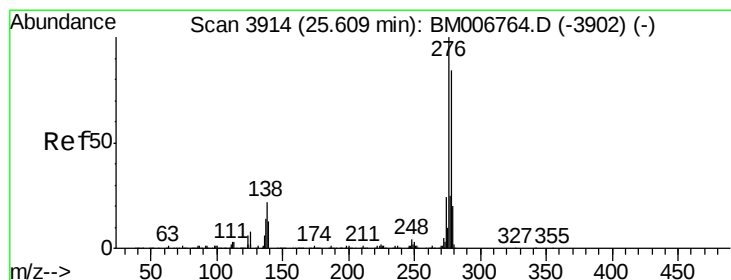
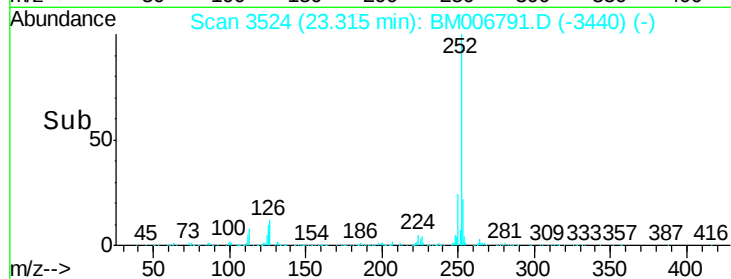
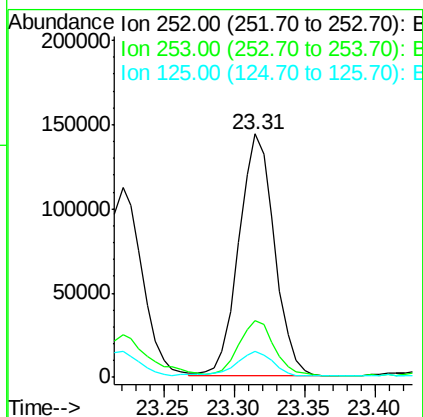
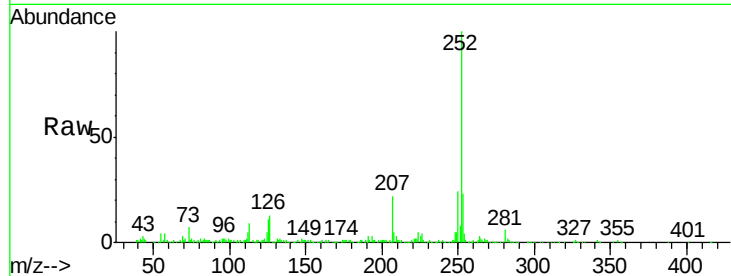
#38
Benzo(a)pyrene
Concen: 3.81 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006791.D
Acq: 31 Jul 2016 16:10

Instrument :
BNA_M
ClientSampleId :
DA0E2

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.2	17.4	26.0
125	10.6	8.2	12.2

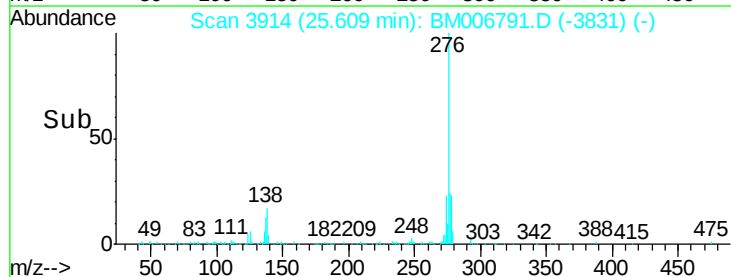
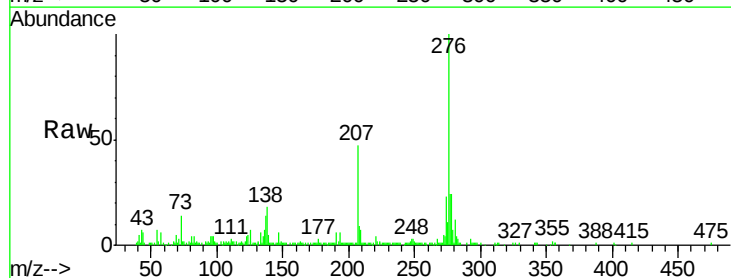
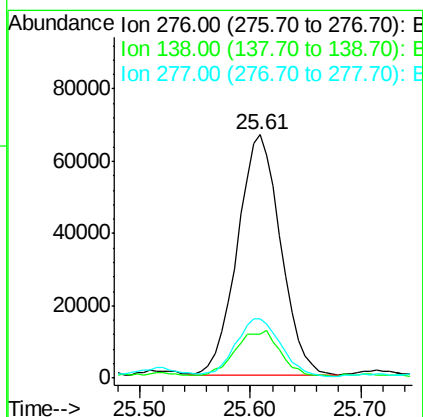
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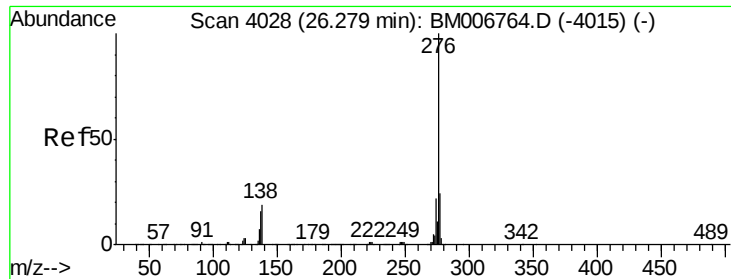
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#39
Indeno(1,2,3-cd)pyrene
Concen: 2.38 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM006791.D
Acq: 31 Jul 2016 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.3	15.8	23.6
277	24.3	19.0	28.6





#41
 Benzo(g,h,i)perylene
 Concen: 2.37 ng/ul
 RT: 26.29 min Scan# 4029
 Delta R.T. -0.01 min
 Lab File: BM006791.D
 Acq: 31 Jul 2016 16:10

Instrument :
 BNA_M
 ClientSampleId :
 DA0E2

Tgt Ion:	276	Resp:	157424
Ion Ratio	Lower	Upper	
276	100		
138	20.1	13.9	20.9
277	23.9	19.8	29.6

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