

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
 Data File : BM005860.D
 Acq On : 17 Jun 2016 14:10
 Operator : UM/SJ
 Sample : H3535-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XW7

Manual Integrations
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 6/19/2016 12:14:31 AM

Quant Time: Jun 17 14:48:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 10:48:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	30289	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	133670	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	83763	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	194052	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	194488	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	162485	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	480	2.05	ng/uL	0.00
3) Phenol-d5	6.92	99	26560	10.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	16167	12.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	26676	12.61	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	20051	8.85	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	12419	13.16	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	15727	13.64	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	27990	12.29	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	12224	7.93	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	101818	12.85	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	126123	13.82	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	6029	6.31	ng/ul	0.02
21) Fluorene-d10	15.37	176	90299	13.37	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	9376	7.16	ng/ul	0.00
26) Anthracene-d10	17.22	188	137633	13.58	ng/ul	0.00
30) Pyrene-d10	19.52	212	156641	16.99	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	112219	13.81	ng/ul	0.00

Target Compounds

						Qvalue
13) 2-Methylnaphthalene	12.19	142	7243	1.33	ng/ul	95
14) 1-Methylnaphthalene	12.40	142	6351	1.12	ng/ul#	97
25) Phenanthrene	17.16	178	45410	3.93	ng/ul	98
28) Fluoranthene	19.18	202	65585	4.52	ng/ul	99
31) Pyrene	19.54	202	56345	4.90	ng/ul	98
32) Benzo(a)anthracene	21.29	228	31647	2.61	ng/ul	97
33) Chrysene	21.34	228	31304	2.68	ng/ul	96
35) Benzo(b)fluoranthene	22.88	252	41673	4.12	ng/ul	99
36) Benzo(k)fluoranthene	22.92	252	10396m	1.06	ng/ul	
38) Benzo(a)pyrene	23.46	252	22443	2.26	ng/ul#	97
39) Indeno(1,2,3-cd)pyrene	25.83	276	16629	1.37	ng/ul#	95
41) Benzo(g,h,i)perylene	26.54	276	16102	1.56	ng/ul#	95

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

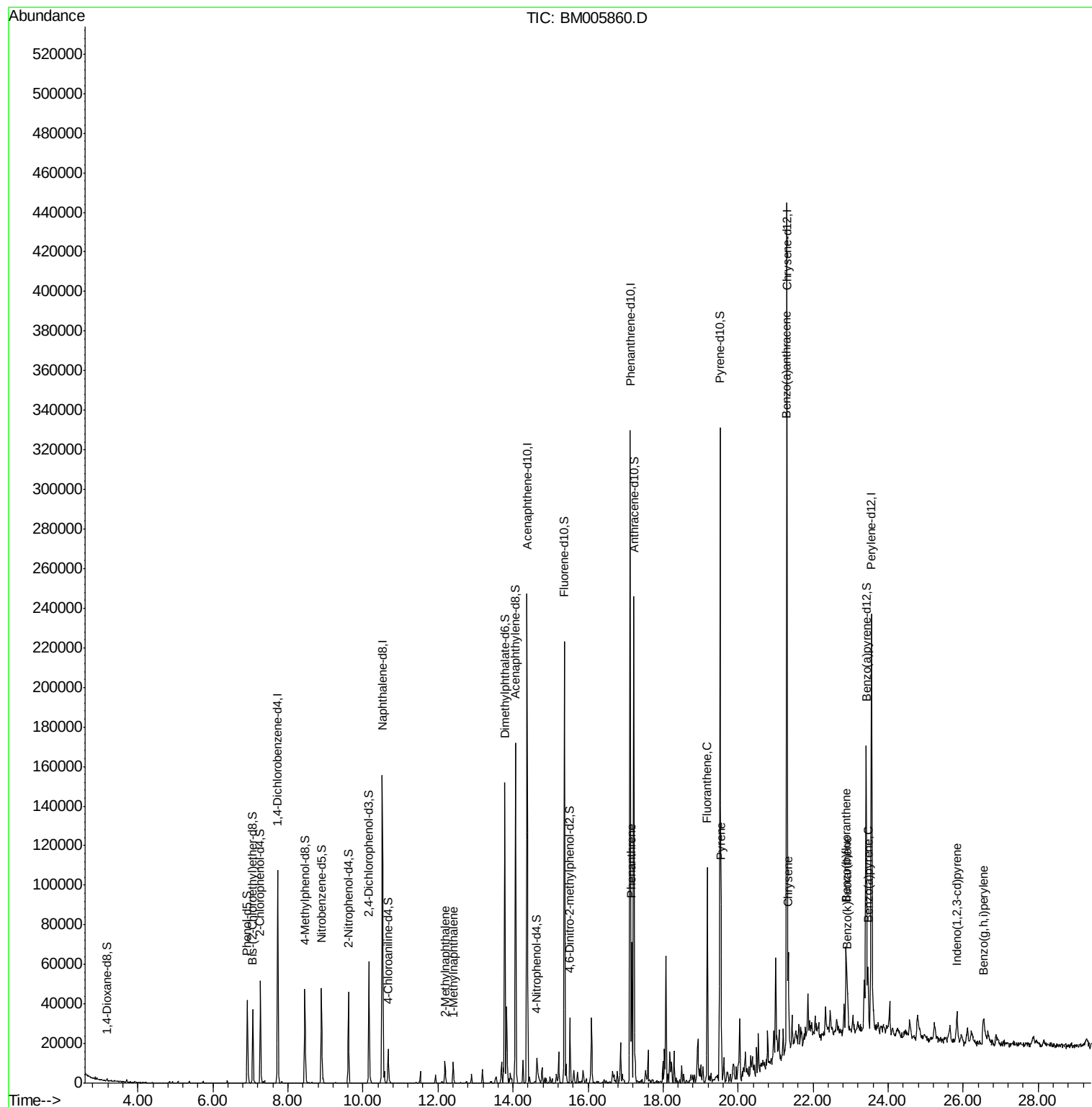
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005860.D
Acq On : 17 Jun 2016 14:10
Operator : UM/SJ
Sample : H3535-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

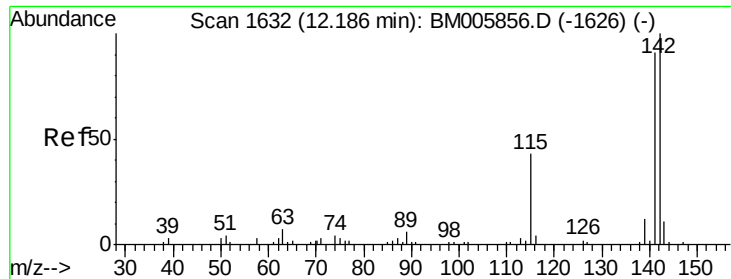
Instrument :
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Quant Title : SVOA CALIBRATION
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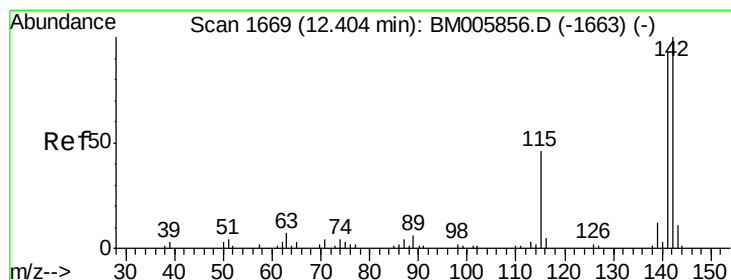
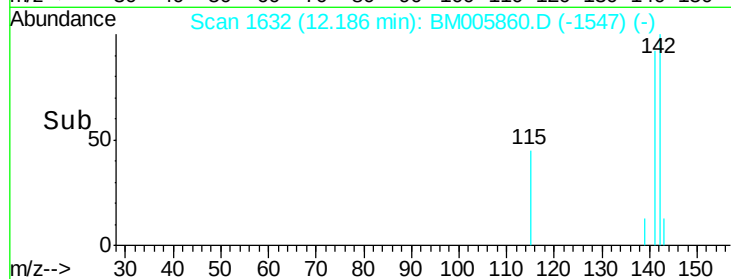
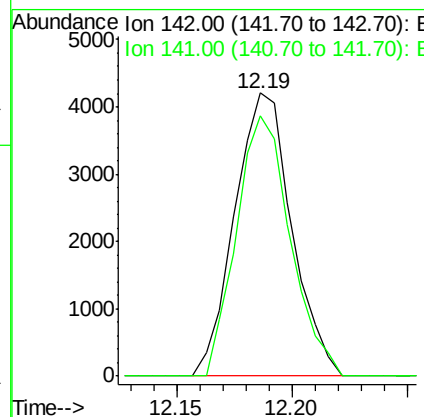
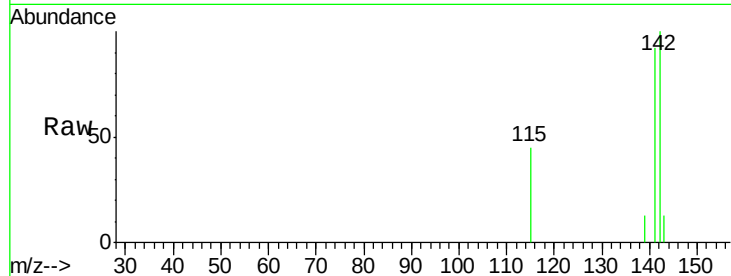
#13
2-Methylnaphthalene
Concen: 1.33 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BM005860.D
Acq: 17 Jun 2016 14:10

Instrument :
BNA_M
ClientSampleId :
D9XW7

Tgt Ion:142 Resp: 7243
Ion Ratio Lower Upper
142 100
141 92.0 70.2 105.2

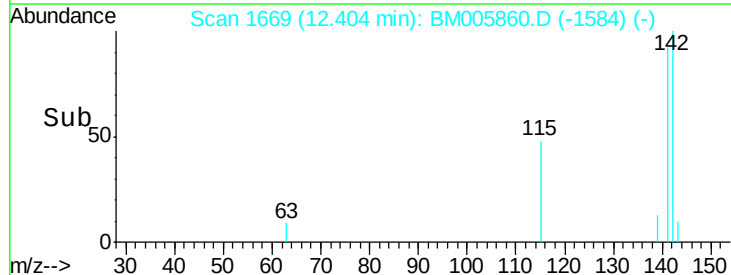
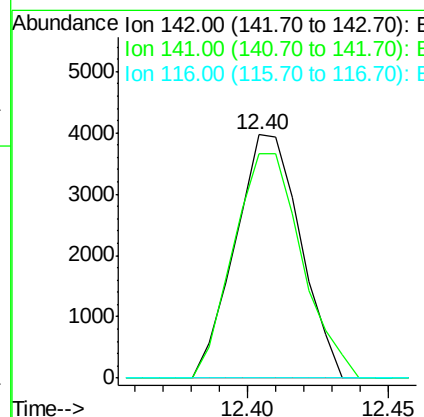
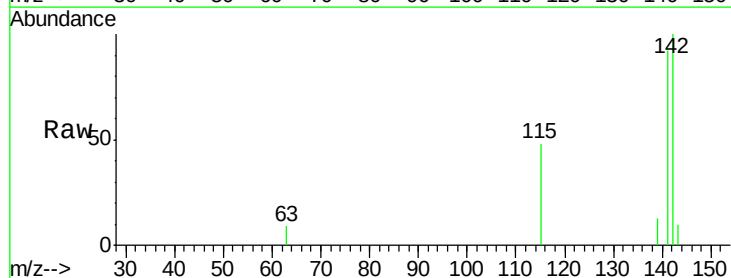
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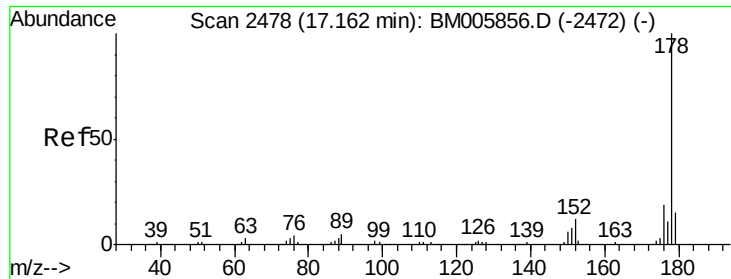
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#14
1-Methylnaphthalene
Concen: 1.12 ng/ul
RT: 12.40 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BM005860.D
Acq: 17 Jun 2016 14:10

Tgt Ion:142 Resp: 6351
Ion Ratio Lower Upper
142 100
141 91.9 75.4 113.2
116 0.0 3.7 5.5#





#25

Phenanthrene

Concen: 3.93 ng/ul

RT: 17.16 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM005860.D

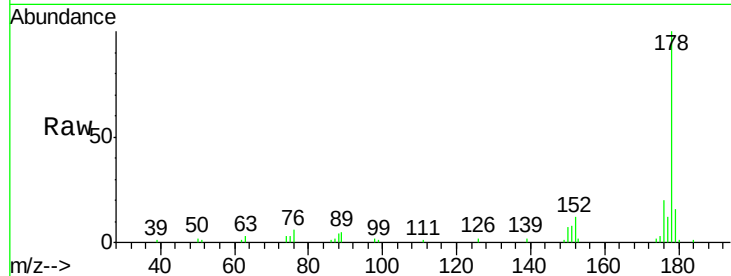
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Instrument :

BNA_M

ClientSampleId :

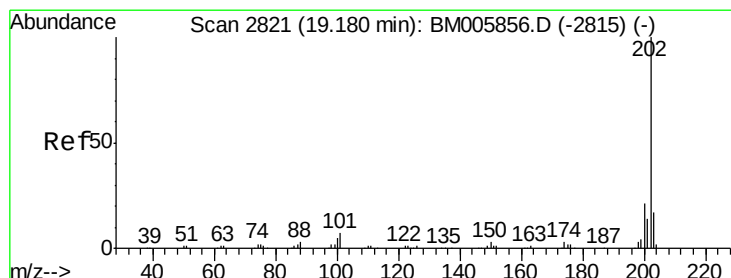
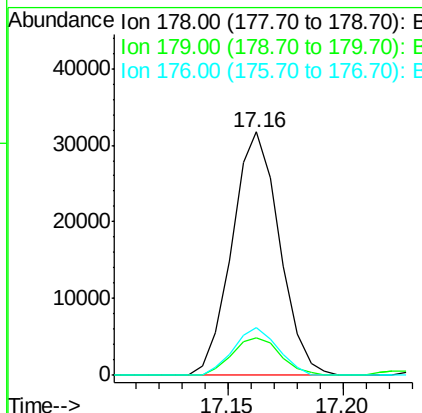
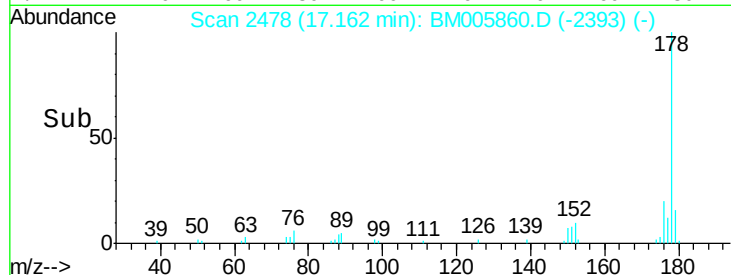
D9XW7



Tgt Ion:	178	Resp:	45410
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.0	18.0
176	19.6	14.9	22.3

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#28

Fluoranthene

Concen: 4.52 ng/ul

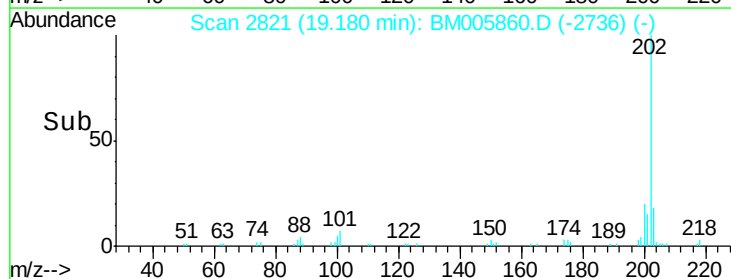
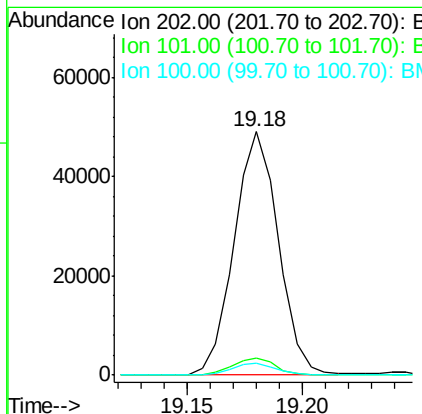
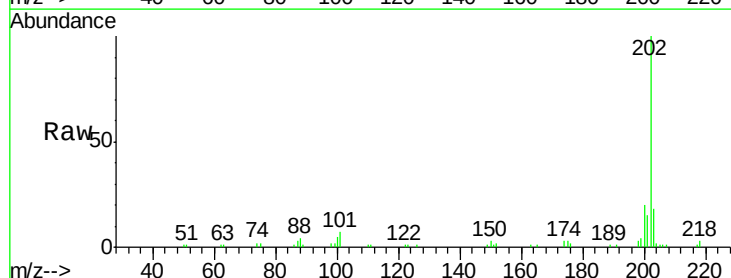
RT: 19.18 min Scan# 2821

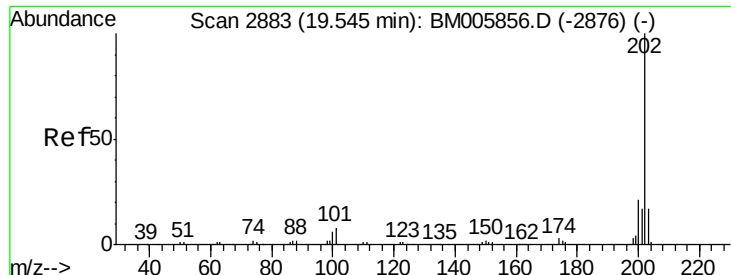
Delta R.T. 0.00 min

Lab File: BM005860.D

Acq: 17 Jun 2016 14:10

Tgt Ion:	202	Resp:	65585
Ion Ratio	Lower	Upper	
202	100		
101	7.1	6.1	9.1
100	4.8	4.2	6.2





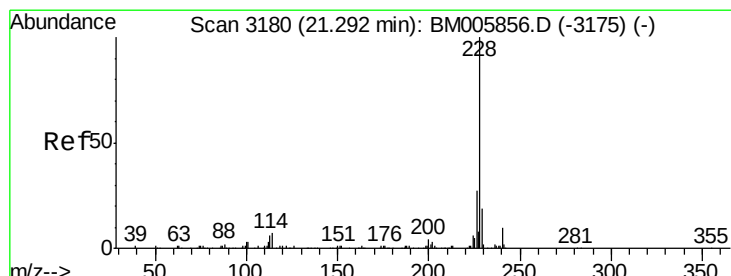
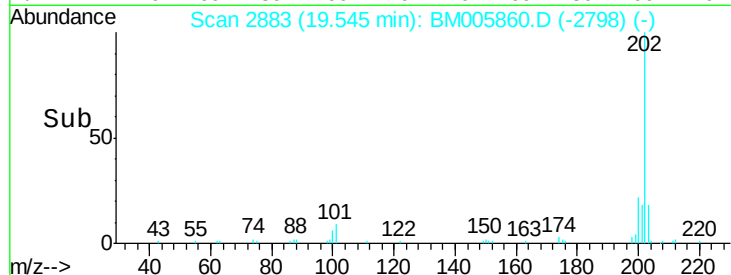
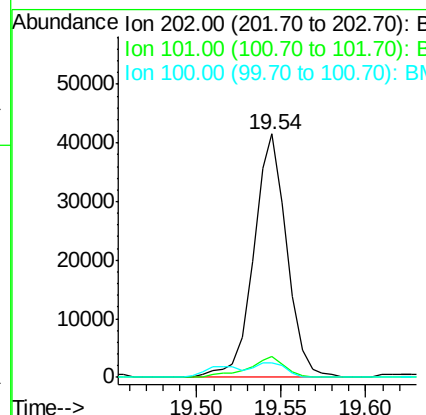
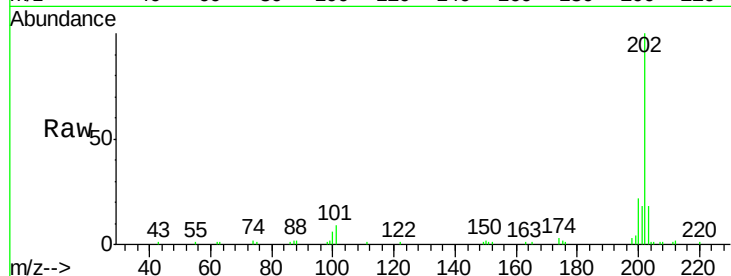
#31
 Pyrene
 Concen: 4.90 ng/ul
 RT: 19.54 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BM005860.D
 Acq: 17 Jun 2016 14:10

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	6.5	9.7
100	6.0	5.4	8.2

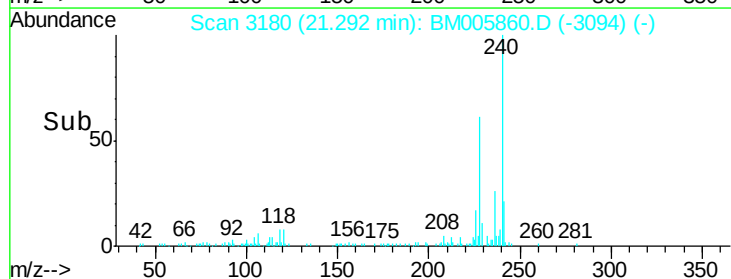
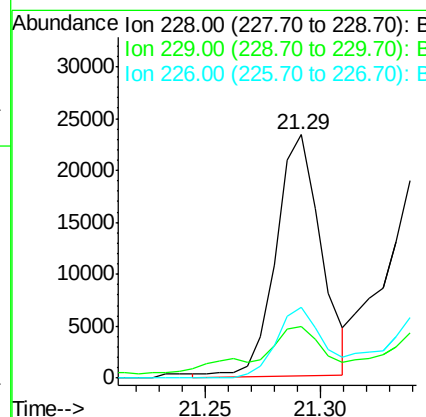
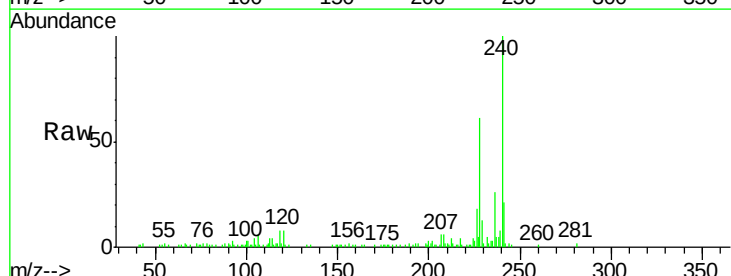
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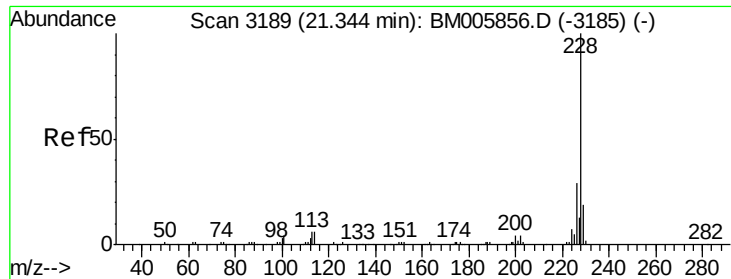
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#32
 Benzo(a)anthracene
 Concen: 2.61 ng/ul
 RT: 21.29 min Scan# 3180
 Delta R.T. 0.01 min
 Lab File: BM005860.D
 Acq: 17 Jun 2016 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.8	23.6
226	28.8	21.8	32.6





#33

Chrysene

Concen: 2.68 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.01 min

Lab File: BM005860.D

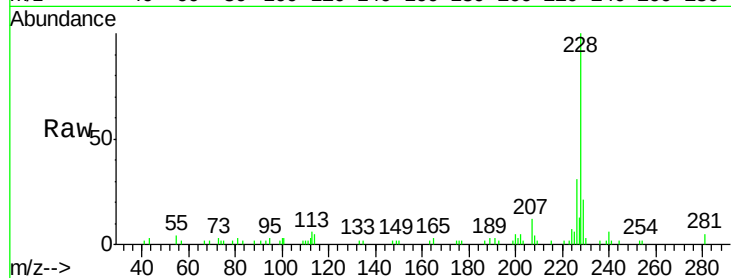
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Instrument :

BNA_M

ClientSampleId :

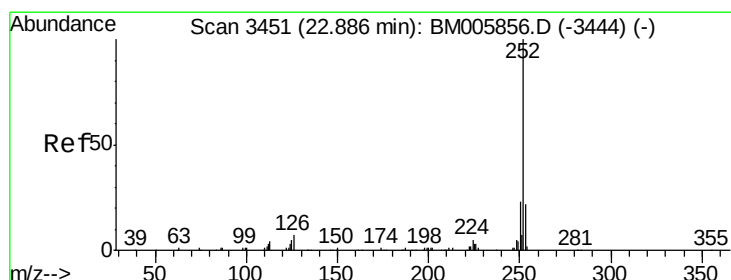
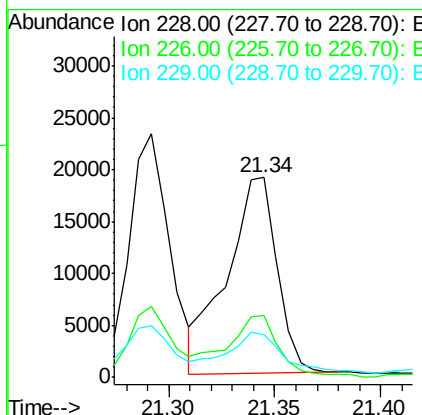
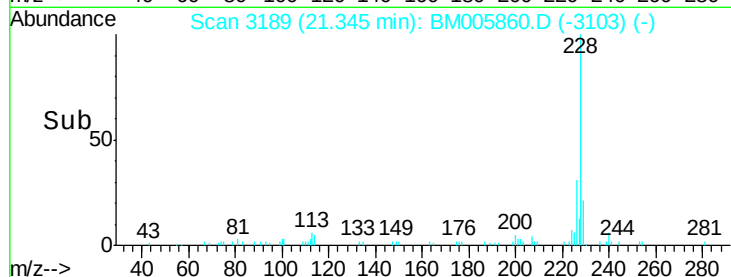
D9XW7



Tgt Ion:	228	Resp:	31304
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.5	35.3
229	21.5	15.4	23.0

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#35

Benzo(b)fluoranthene

Concen: 4.12 ng/ul

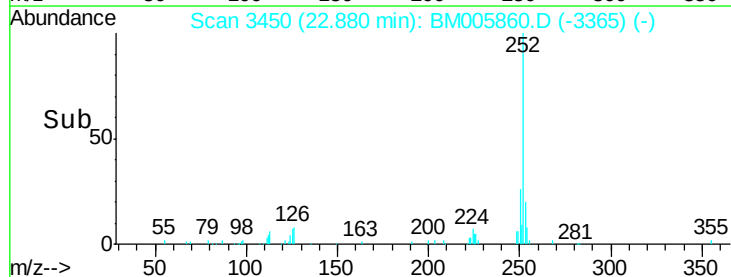
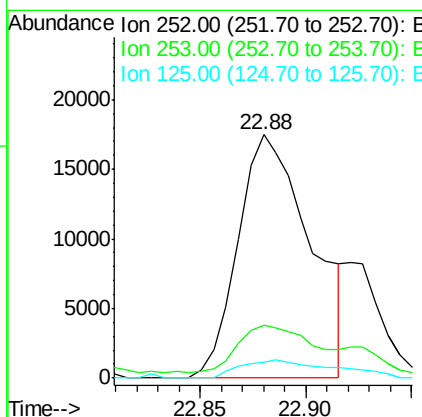
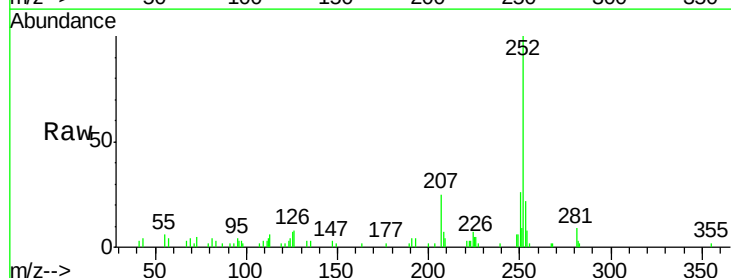
RT: 22.88 min Scan# 3450

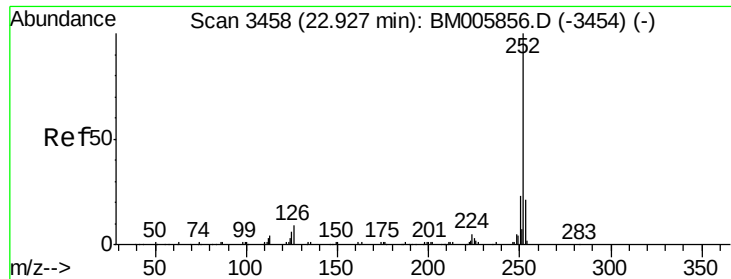
Delta R.T. 0.00 min

Lab File: BM005860.D

Acq: 17 Jun 2016 14:10

Tgt Ion:	252	Resp:	41673
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	6.6	4.9	7.3





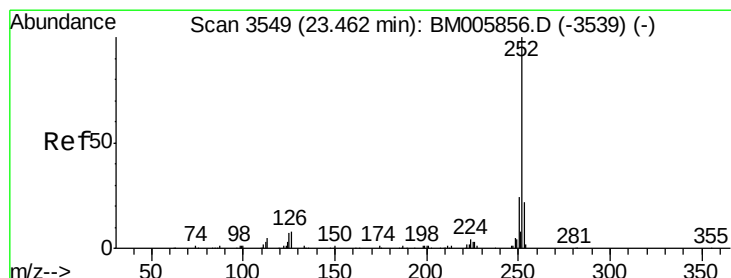
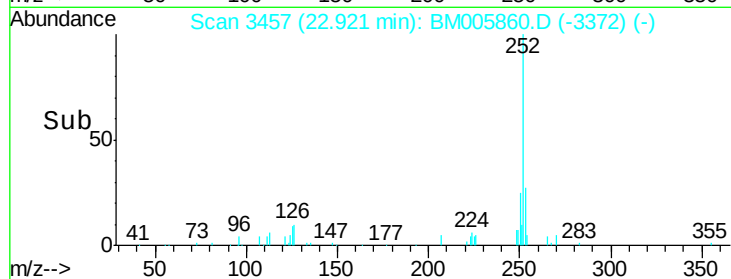
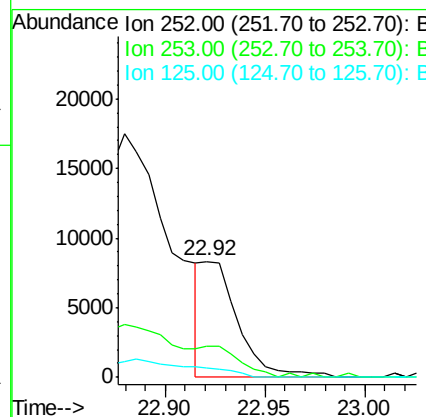
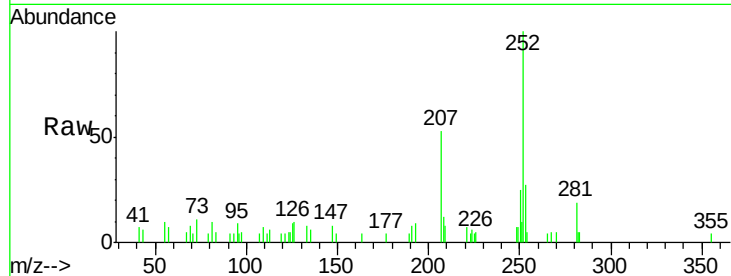
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Benzo(k)fluoranthene
Concen: 1.06 ng/ul m
RT: 22.92 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BM005860.D
Acq: 17 Jun 2016 14:10

Instrument :
BNA_M
ClientSampleId :
D9XW7

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	10396		
253	27.1	17.5	26.3#	
125	8.5	4.8	7.2#	

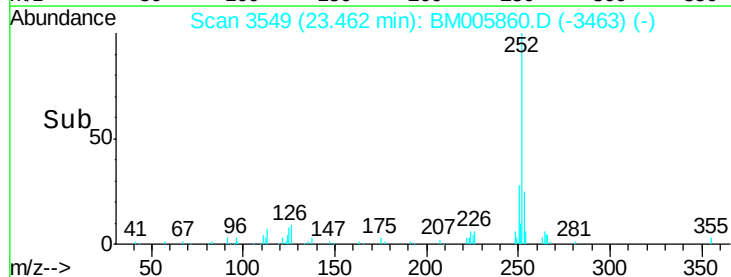
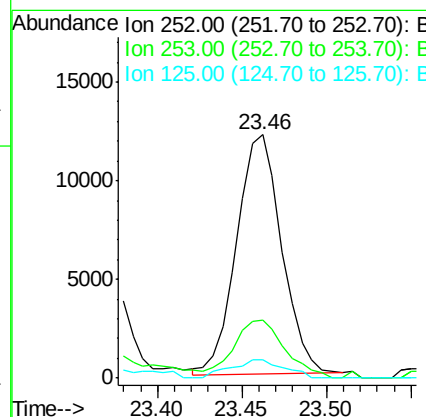
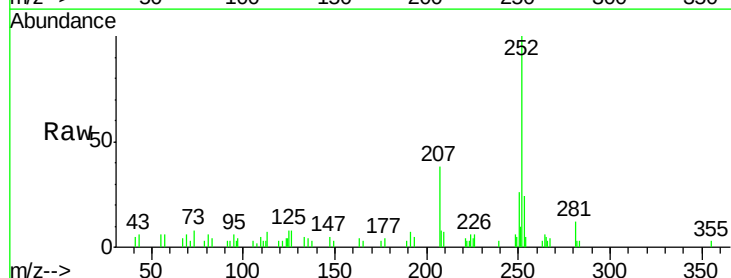
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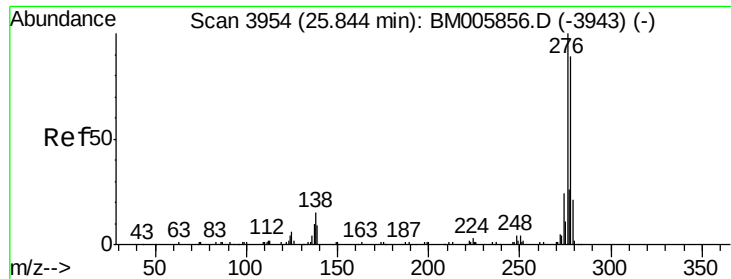
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#38
Benzo(a)pyrene
Concen: 2.26 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BM005860.D
Acq: 17 Jun 2016 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	22443		
253	23.6	18.0	27.0	
125	7.7	5.1	7.7#	





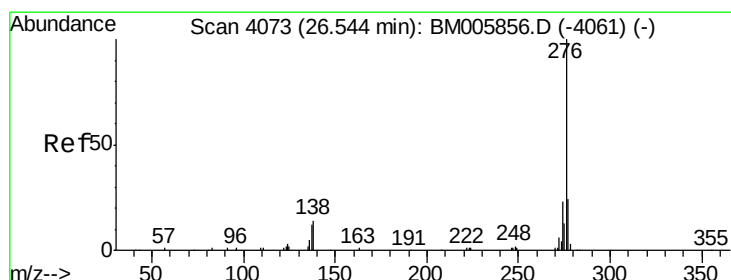
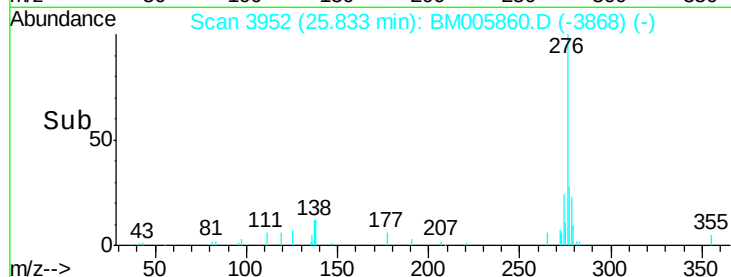
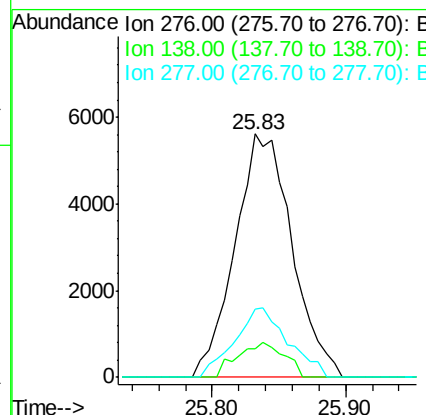
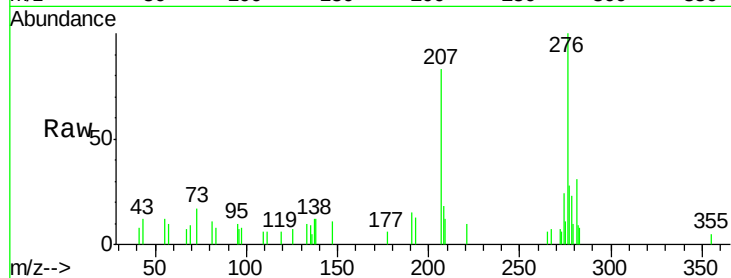
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 Indeno(1,2,3-cd)pyrene
 Concen: 1.37 ng/ul
 RT: 25.83 min Scan# 3952
 Delta R.T. -0.01 min
 Lab File: BM005860.D
 Acq: 17 Jun 2016 14:10

Instrument :
 BNA_M
 ClientSampleId :
 D9XW7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.8	11.9	17.9#
277	28.2	21.0	31.6

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#41
 Benzo(g,h,i)perylene
 Concen: 1.56 ng/ul
 RT: 26.54 min Scan# 4072
 Delta R.T. 0.01 min
 Lab File: BM005860.D
 Acq: 17 Jun 2016 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	10.6	15.8#
277	26.8	19.6	29.4

