

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
 Data File : BM005858.D
 Acq On : 17 Jun 2016 12:58
 Operator : UM/SJ
 Sample : H3535-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XW9

Manual Integrations
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umangi
 6/19/2016 12:14:28 AM

Quant Time: Jun 17 14:41:58 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	23779	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	113848	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	74346	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	173979	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	200015	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	172727	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	254	1.38	ng/uL	0.00
3) Phenol-d5	6.92	99	20319	10.21	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	13102	12.70	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	20586	12.40	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	13565	7.62	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	10570	13.15	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	12368	12.60	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	22129	11.41	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	5381	4.10	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	83834	11.92	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	106569	13.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	1782	2.10	ng/ul	0.03
21) Fluorene-d10	15.37	176	76982	12.84	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	5558	4.73	ng/ul	0.00
26) Anthracene-d10	17.22	188	118745	13.07	ng/ul	0.00
30) Pyrene-d10	19.52	212	141091	14.88	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	111896	12.96	ng/ul	0.00

Target Compounds

					Qvalue
13) 2-Methylnaphthalene	12.19	142	4845	1.04 ng/ul	96
25) Phenanthrene	17.16	178	33621	3.25 ng/ul	98
28) Fluoranthene	19.18	202	61829	4.75 ng/ul	98
31) Pyrene	19.54	202	51939	4.39 ng/ul	99
32) Benzo(a)anthracene	21.29	228	27441	2.20 ng/ul	96
33) Chrysene	21.34	228	33919	2.82 ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	41784	3.89 ng/ul	96
36) Benzo(k)fluoranthene	22.92	252	15499m	1.49 ng/ul	
38) Benzo(a)pyrene	23.46	252	25418	2.41 ng/ul#	98
39) Indeno(1,2,3-cd)pyrene	25.84	276	18961	1.47 ng/ul	93
41) Benzo(g,h,i)perylene	26.54	276	19492	1.77 ng/ul	100

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

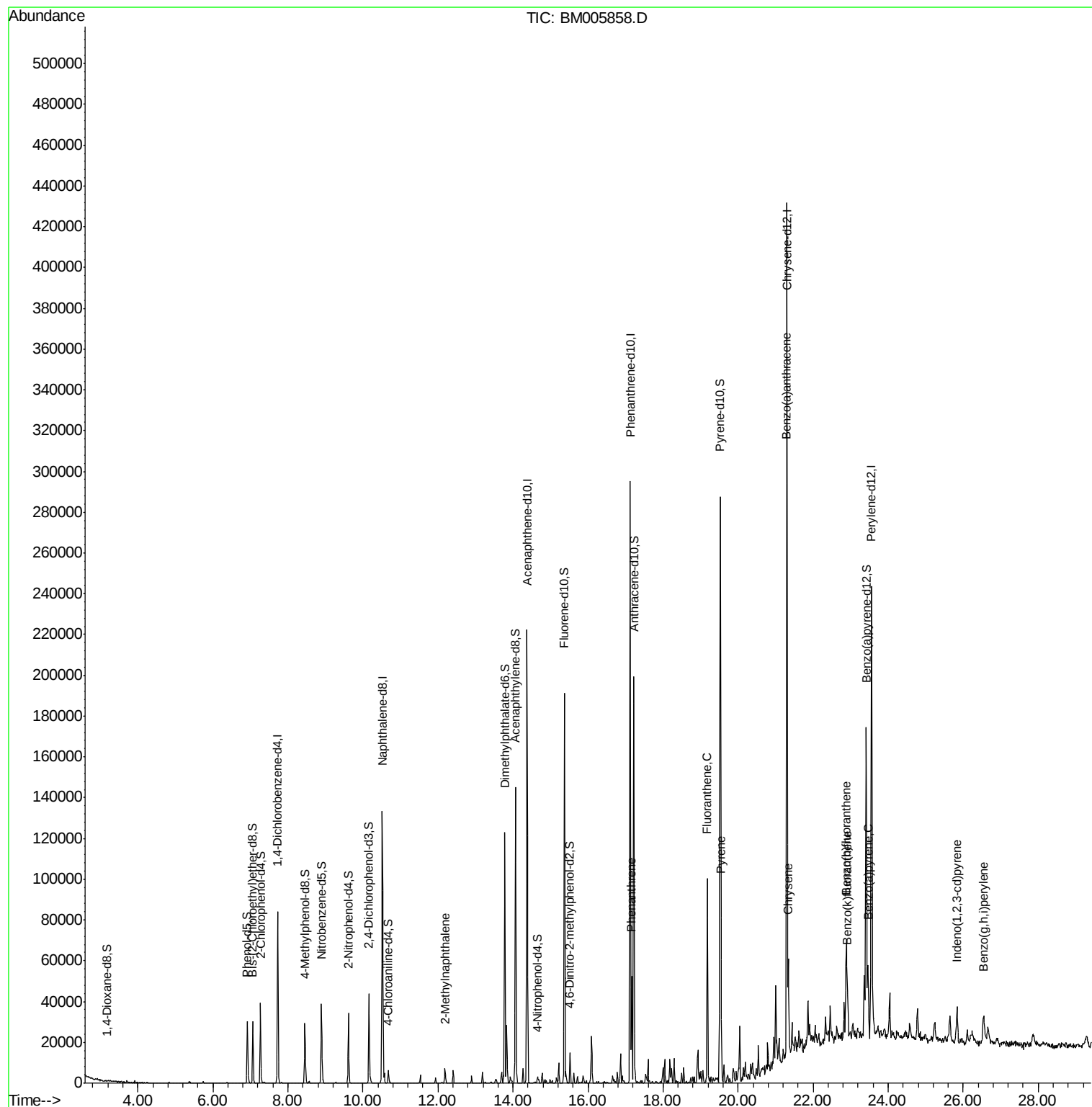
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005858.D
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ALS Vial : 12 Sample Multiplier: 1

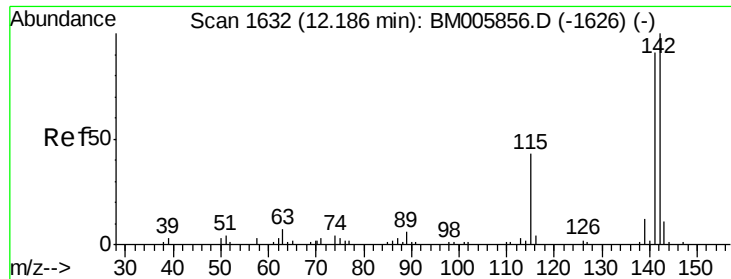
Instrument :
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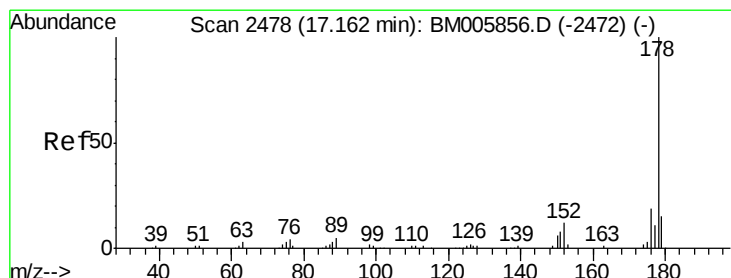
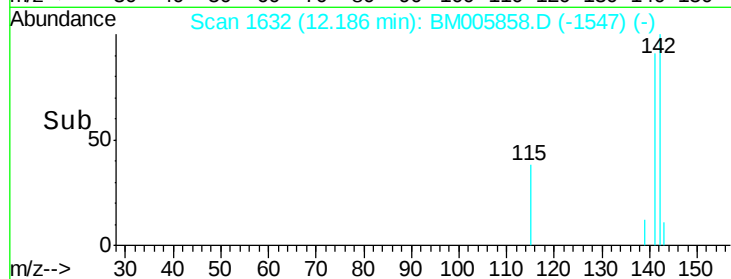
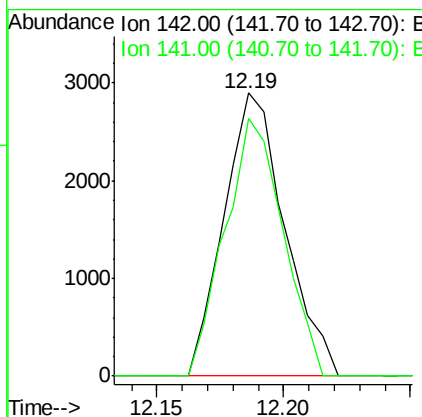
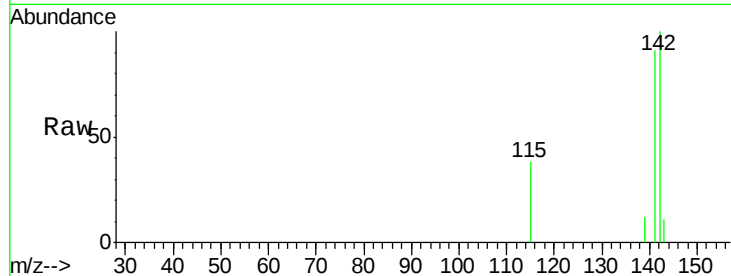
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 2-Methylnaphthalene
 Concen: 1.04 ng/ul
 RT: 12.19 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BM005858.D
 Acq: 17 Jun 2016 12:58

Instrument :
 BNA_M
 ClientSampleId :
 D9XW9

Tgt Ion:142 Resp: 4845
 Ion Ratio Lower Upper
 142 100
 141 91.3 70.2 105.2

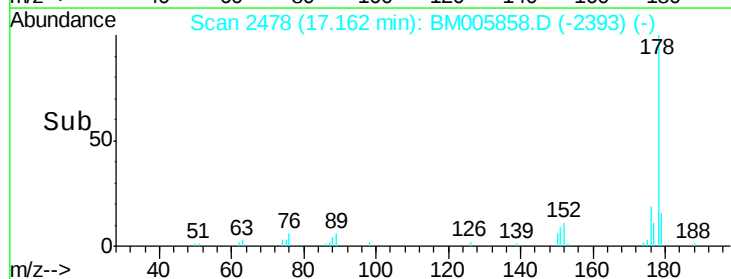
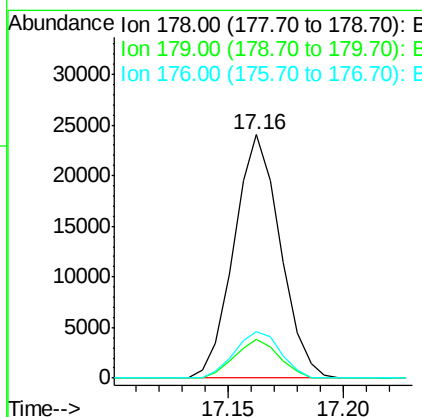
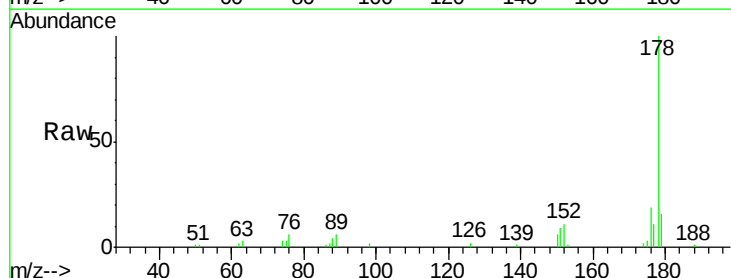
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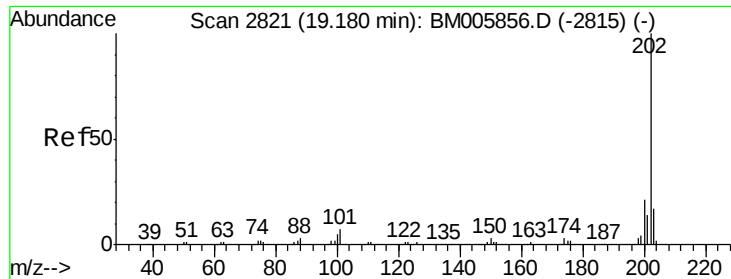
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#25
 Phenanthrene
 Concen: 3.25 ng/ul
 RT: 17.16 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BM005858.D
 Acq: 17 Jun 2016 12:58

Tgt Ion:178 Resp: 33621
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.0 18.0
 176 18.9 14.9 22.3





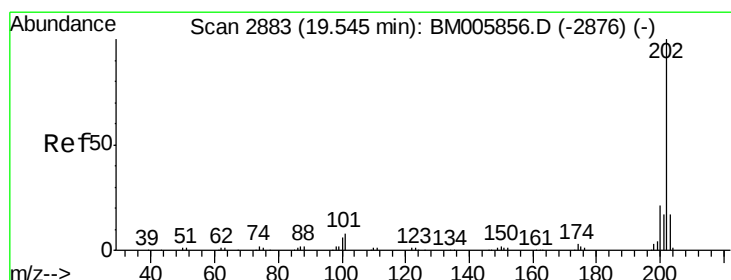
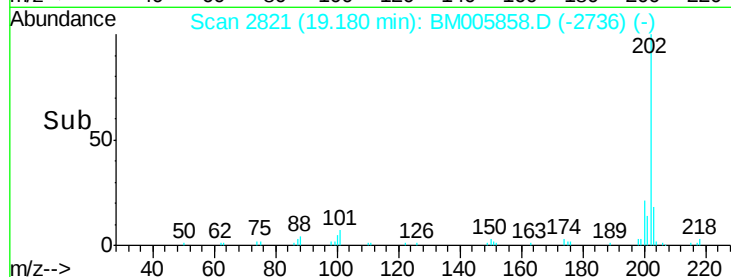
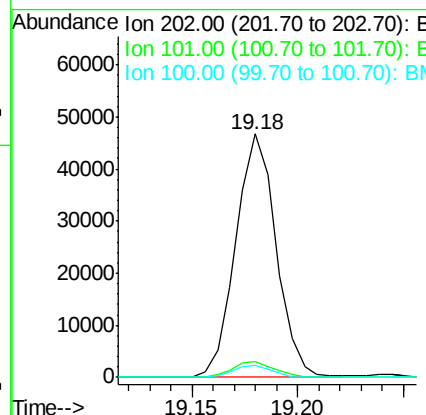
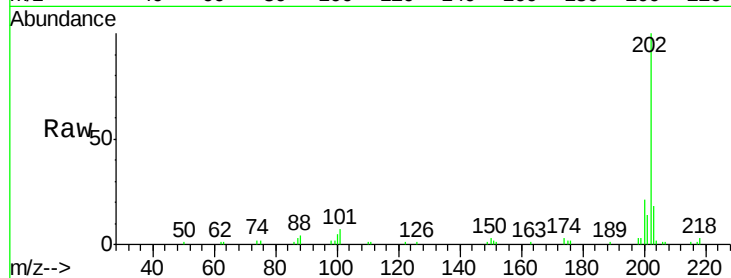
#28
Fluoranthene
 Concen: 4.75 ng/ul
 RT: 19.18 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM005858.D
 Acq: 17 Jun 2016 12:58

Instrument :
 BNA_M
 ClientSampleId :
 D9XW9

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	61829		
101	6.6	6.1	9.1	
100	4.7	4.2	6.2	

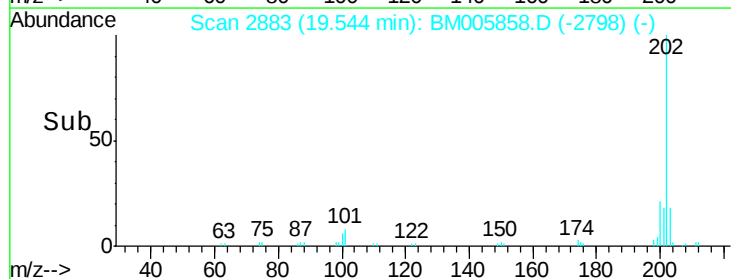
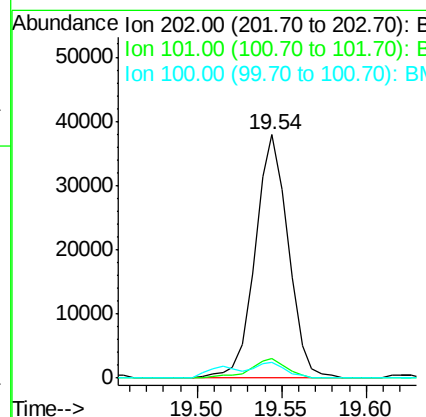
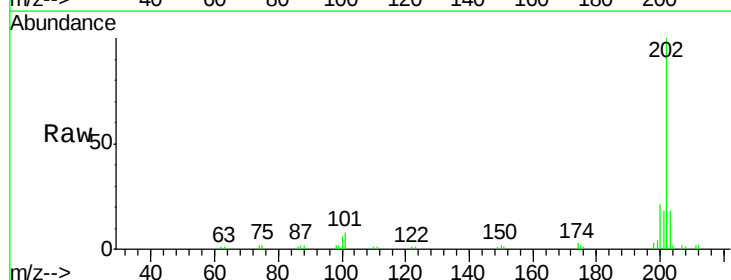
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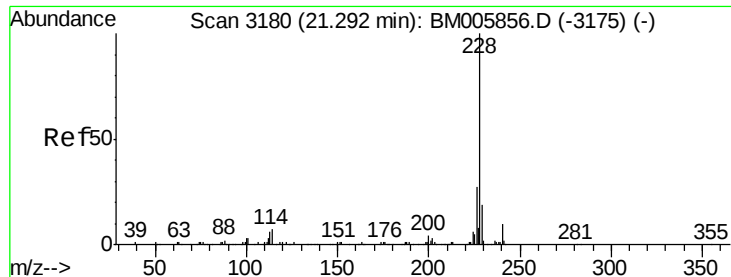
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#31
Pyrene
 Concen: 4.39 ng/ul
 RT: 19.54 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BM005858.D
 Acq: 17 Jun 2016 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51939		
101	8.2	6.5	9.7	
100	6.4	5.4	8.2	





#32

Benzo(a)anthracene

Concen: 2.20 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BM005858.D

Acq: 17 Jun 2016 12:58

Instrument :

BNA_M

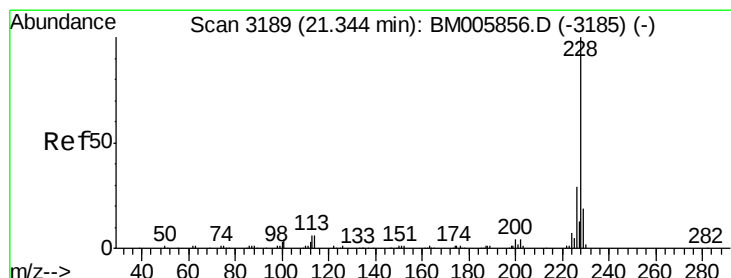
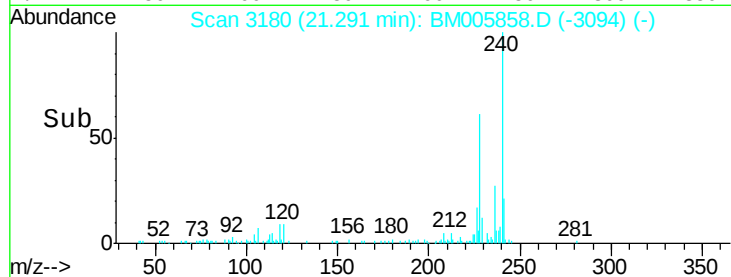
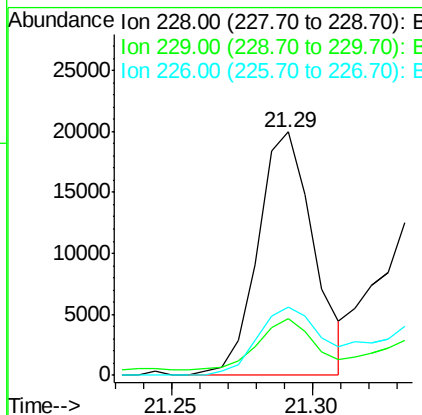
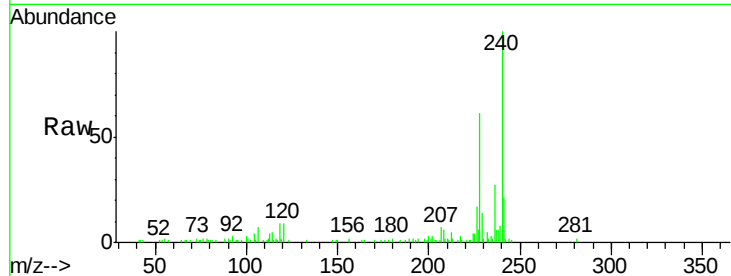
ClientSampled :

D9XW9

Tgt Ion:	228	Resp:	27441
Ion Ratio	Lower	Upper	
228	100		
229	23.1	15.8	23.6
226	27.8	21.8	32.6

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#33

Chrysene

Concen: 2.82 ng/ul

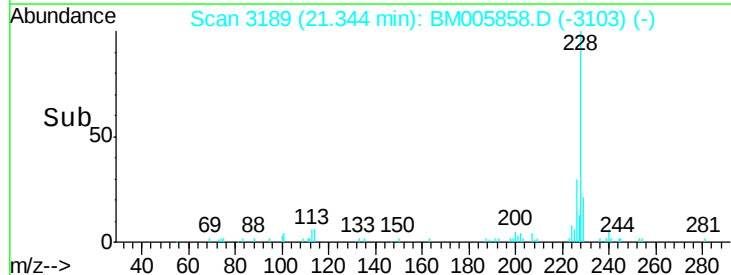
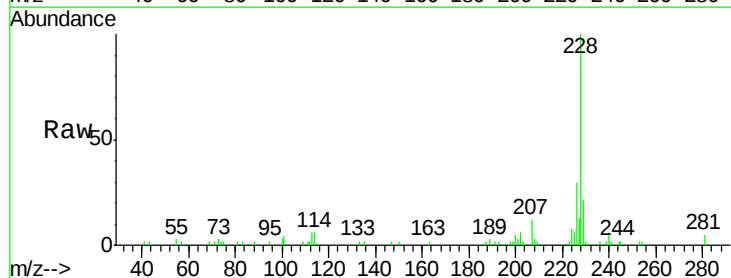
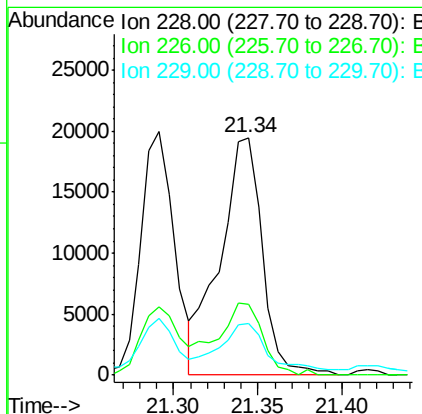
RT: 21.34 min Scan# 3189

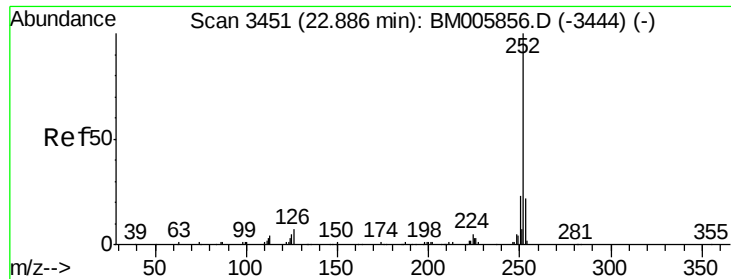
Delta R.T. 0.01 min

Lab File: BM005858.D

Acq: 17 Jun 2016 12:58

Tgt Ion:	228	Resp:	33919
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.5	35.3
229	21.5	15.4	23.0





#35

Benzo(b)fluoranthene

Concen: 3.89 ng/ul

RT: 22.89 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM005858.D

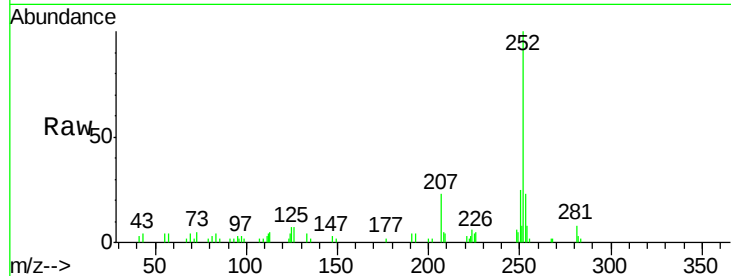
Acq: 17 Jun 2016 12:58

Instrument :

BNA_M

ClientSampled :

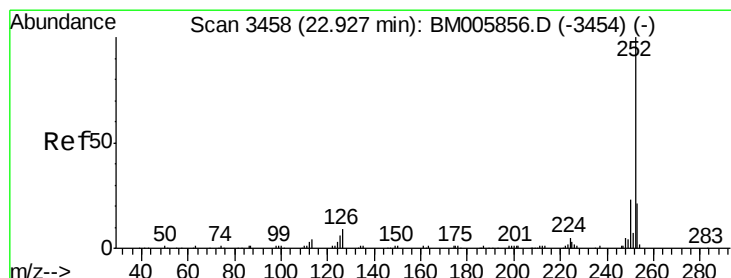
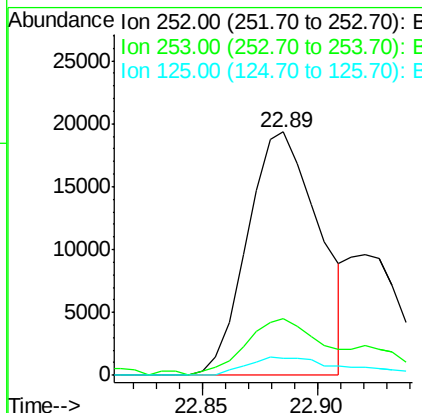
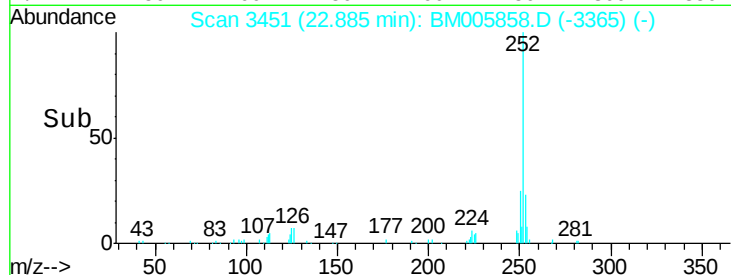
D9XW9



Tgt Ion:	252	Resp:	41784
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	6.8	4.9	7.3

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#36

Benzo(k)fluoranthene

Concen: 1.49 ng/ul m

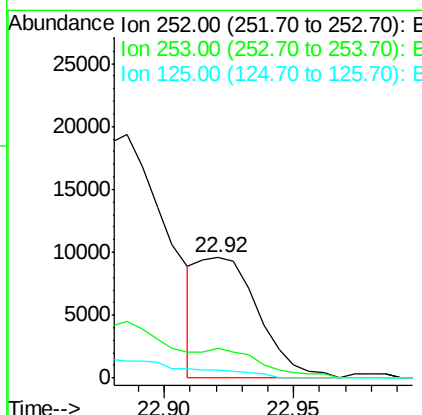
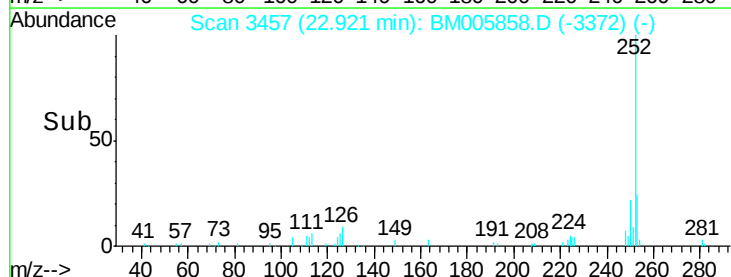
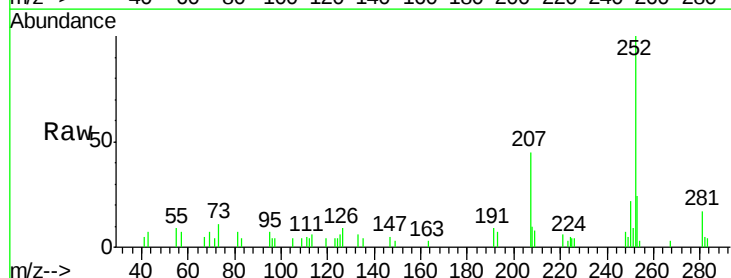
RT: 22.92 min Scan# 3457

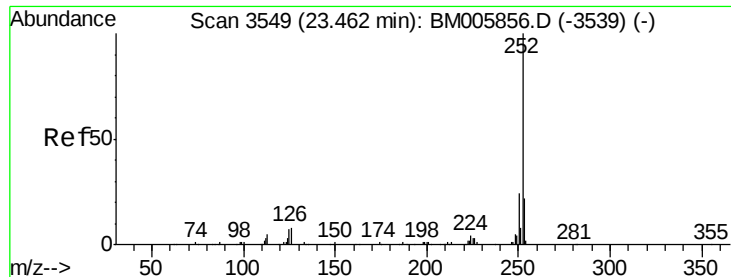
Delta R.T. -0.00 min

Lab File: BM005858.D

Acq: 17 Jun 2016 12:58

Tgt Ion:	252	Resp:	15499
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.5	26.3
125	6.4	4.8	7.2





#38

Benzo(a)pyrene

Concen: 2.41 ng/ul

RT: 23.46 min Scan# 3549

Delta R.T. 0.01 min

Lab File: BM005858.D

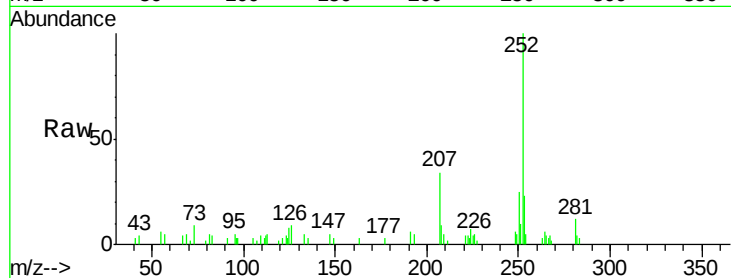
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Instrument :

BNA_M

ClientSampleId :

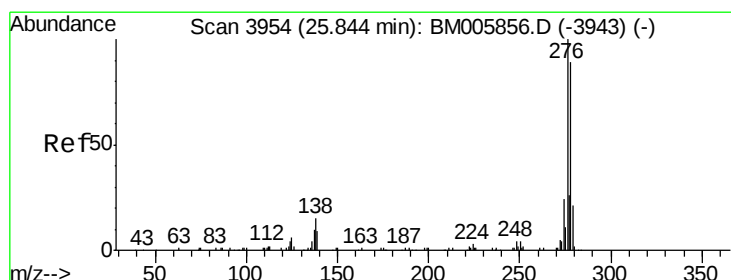
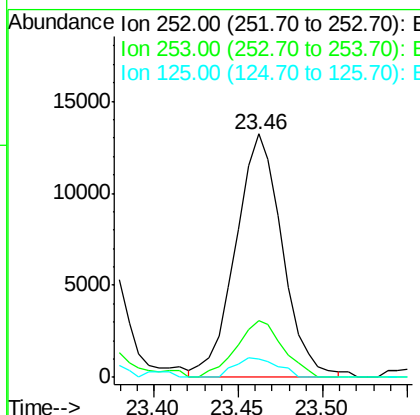
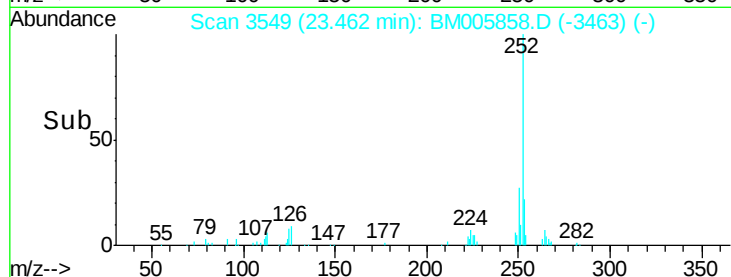
D9XW9



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	25418		
253	23.5	18.0	27.0	
125	7.7	5.1	7.7#	

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#39

Indeno(1,2,3-cd)pyrene

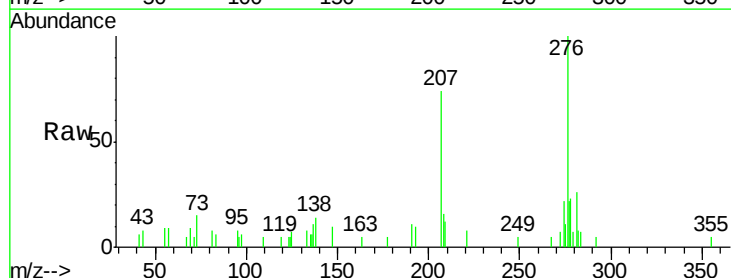
Concen: 1.47 ng/ul

RT: 25.84 min Scan# 3953

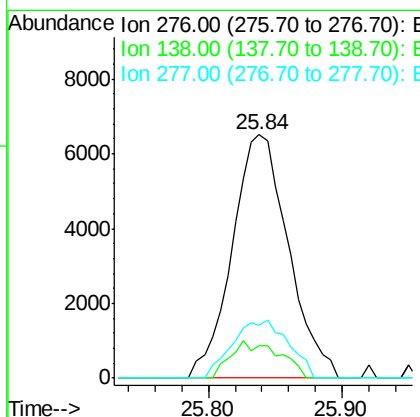
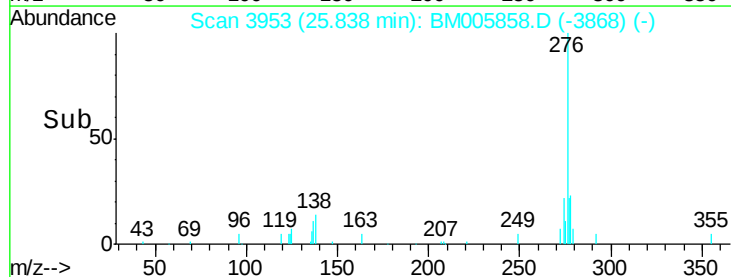
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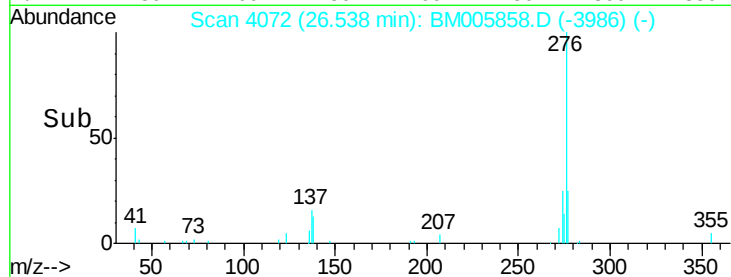
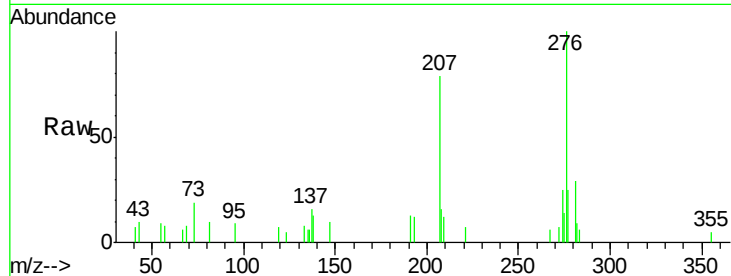
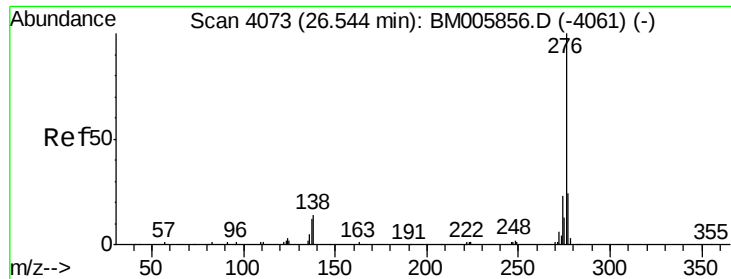
Lab File: BM005858.D

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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	18961		
138	13.5	11.9	17.9	
277	21.6	21.0	31.6	





#41

Benzo(g,h,i)perylene

Concen: 1.77 ng/ul

RT: 26.54 min Scan# 4072

Delta R.T. 0.01 min

Lab File: BM005858.D

Acq: 17 Jun 2016 12:58

Tgt Ion:	276	Resp:	19492
Ion Ratio	Lower	Upper	
276	100		
138	13.3	10.6	15.8
277	24.8	19.6	29.4

Instrument :

BNA_M

ClientSampleId :

D9XW9

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