

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

Quant Time: Jun 17 14:46:31 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

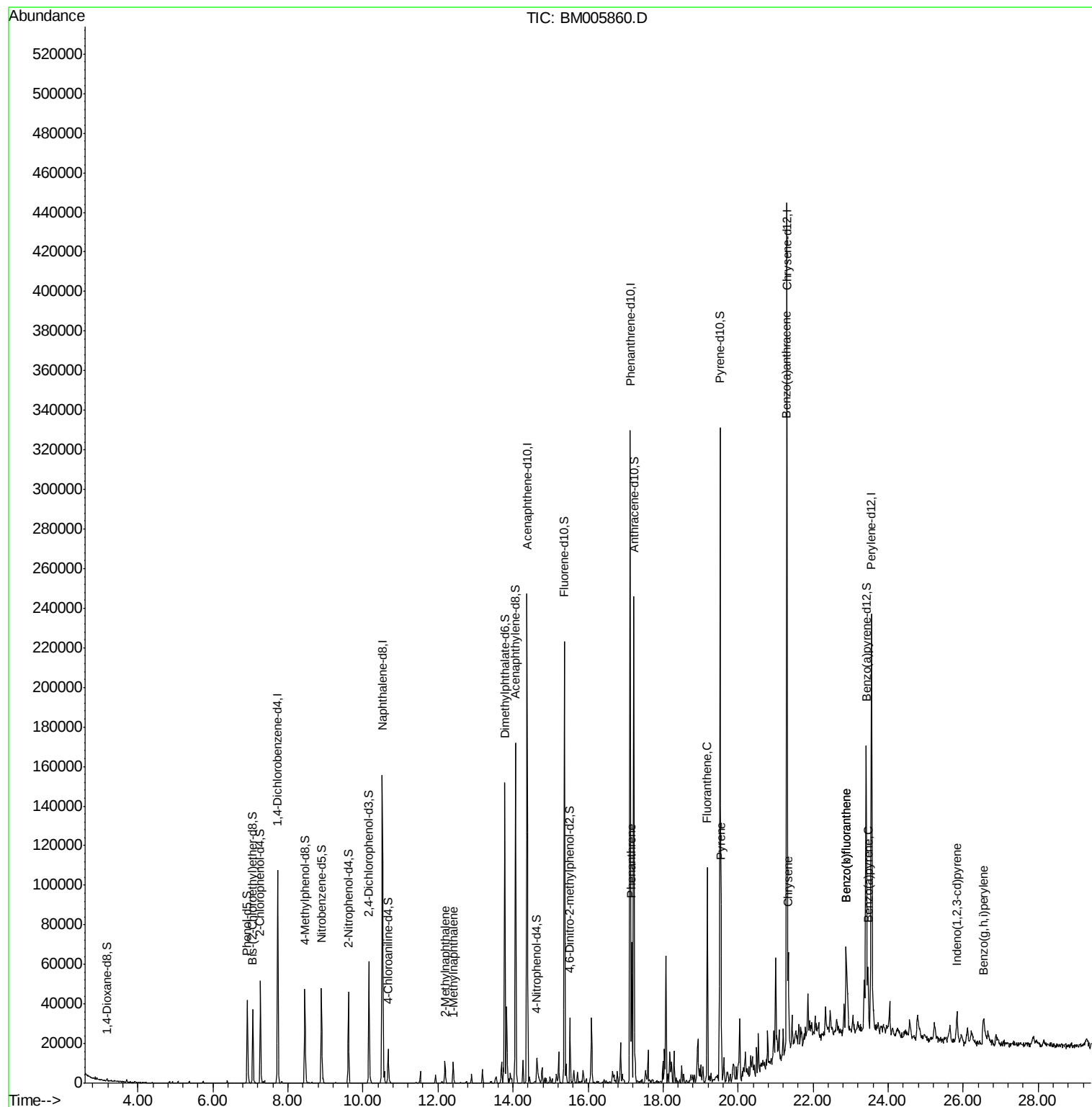
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) 2-Methylnaphthalene	12.19	142	7243	1.33	ng/ul	95
14) 1-Methylnaphthalene	12.40	142	6351	1.12	ng/ul#	97
25) Phenanthrene	17.16	178	45410	3.93	ng/ul	98
28) Fluoranthene	19.18	202	65585	4.52	ng/ul	99
31) Pyrene	19.54	202	56345	4.90	ng/ul	98
32) Benzo(a)anthracene	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	22.88	252	41673	4.27	ng/ul	99
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

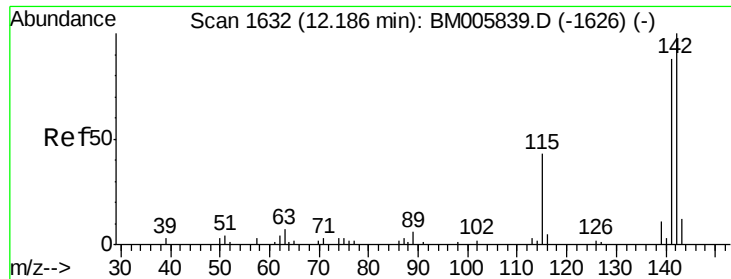
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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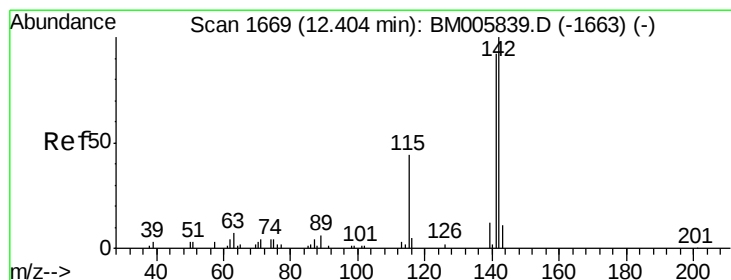
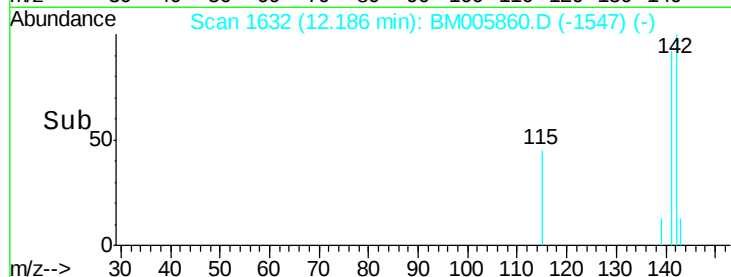
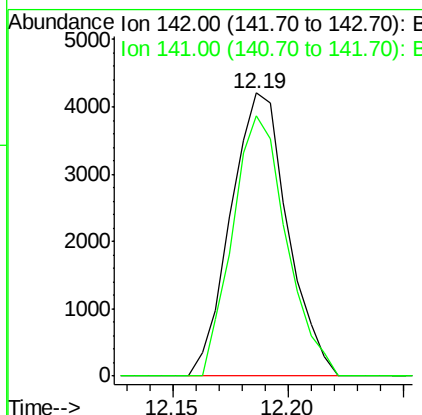
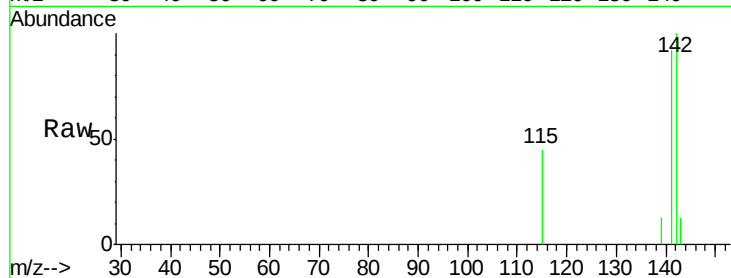




#13
2-Methylnaphthalene
Concen: 1.33 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BM005860.D
Acq: 17 Jun 2016 14:10

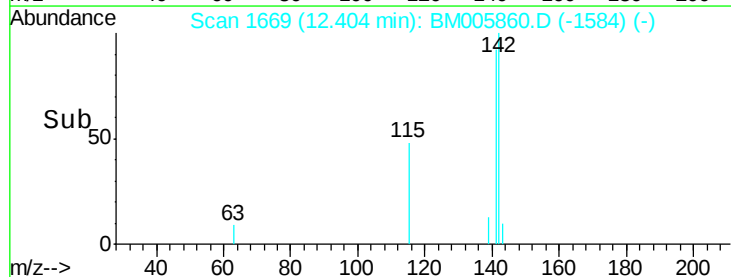
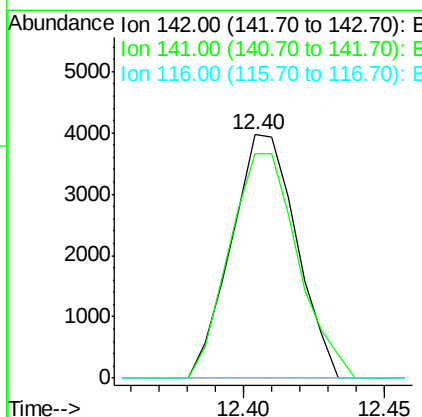
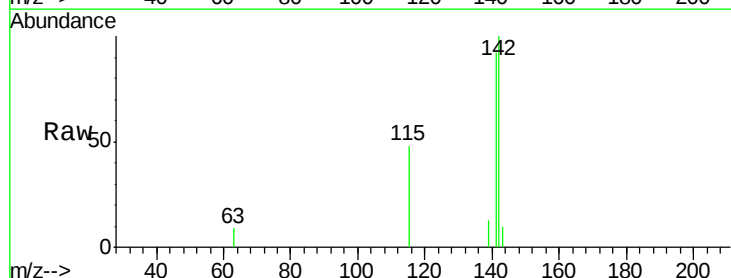
Instrument :
BNA_M
ClientSampleId :
D9XW7

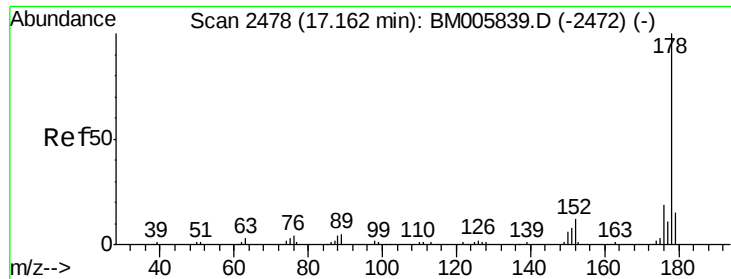
Tgt Ion:142 Resp: 7243
Ion Ratio Lower Upper
142 100
141 92.0 70.2 105.2



#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#

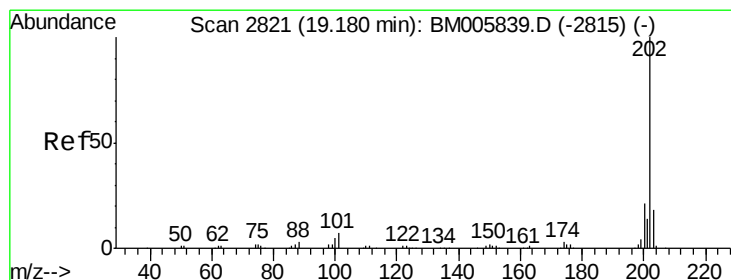
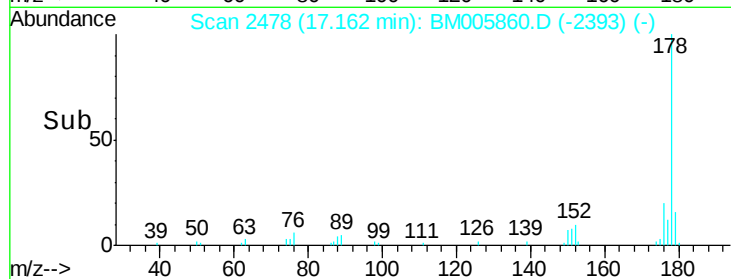
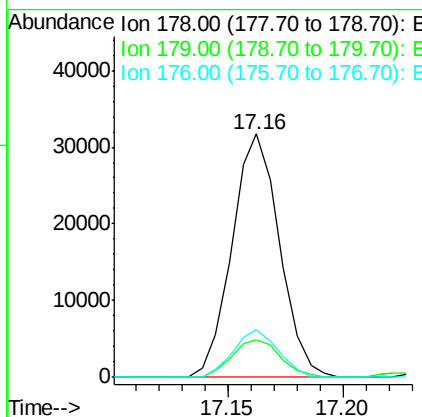
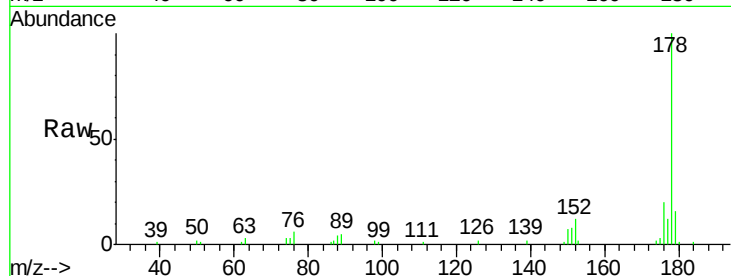




#25
Phenanthrene
Concen: 3.93 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM005860.D
Acq: 17 Jun 2016 14:10

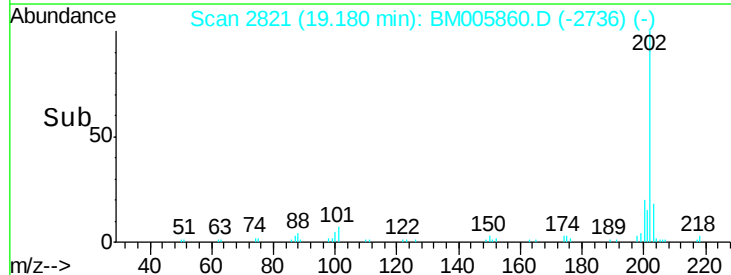
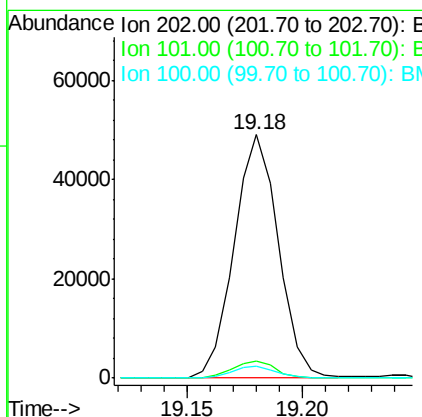
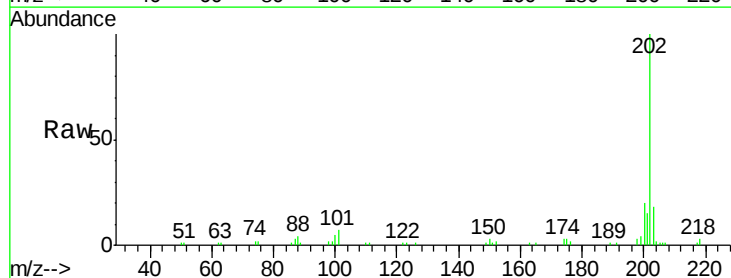
Instrument :
BNA_M
ClientSampleId :
D9XW7

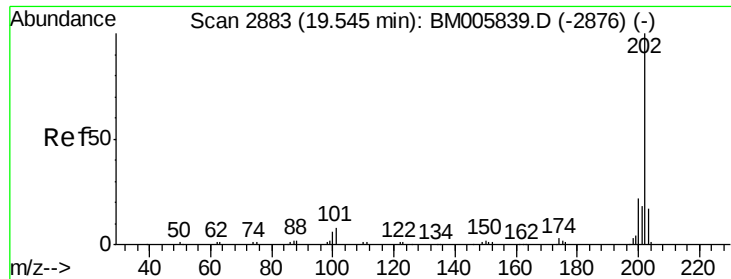
Tgt Ion:178 Resp: 45410
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 19.6 14.9 22.3



#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

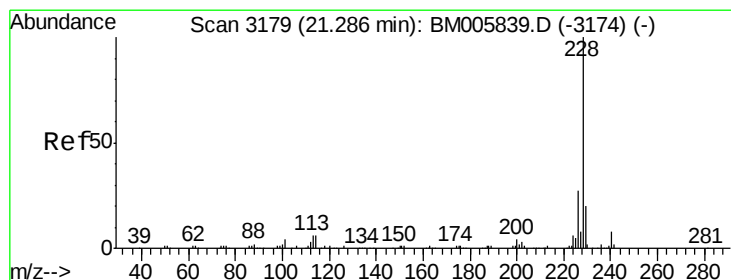
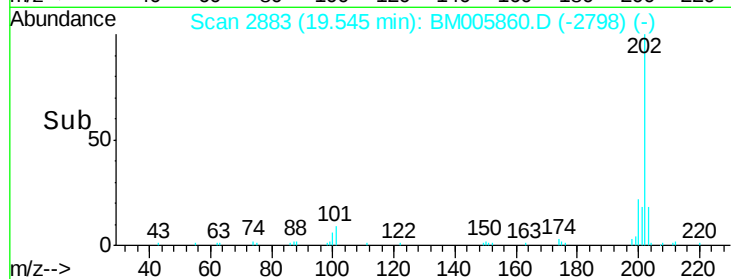
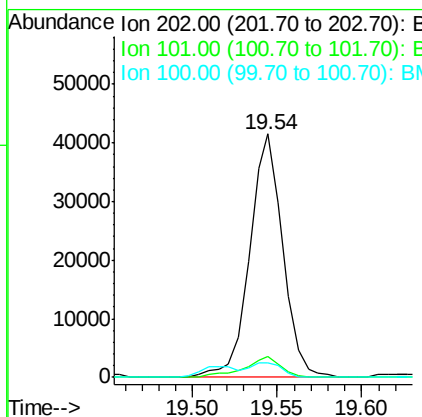
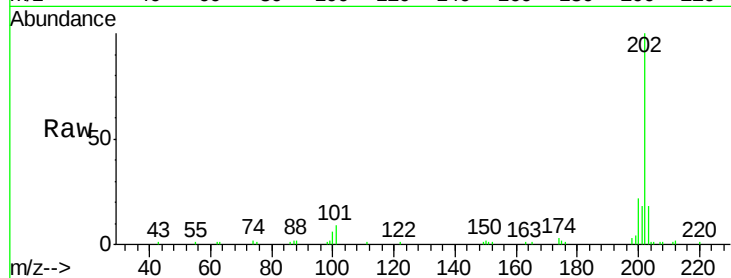




#31
Pyrene
Concen: 4.90 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BM005860.D
Acq: 17 Jun 2016 14:10

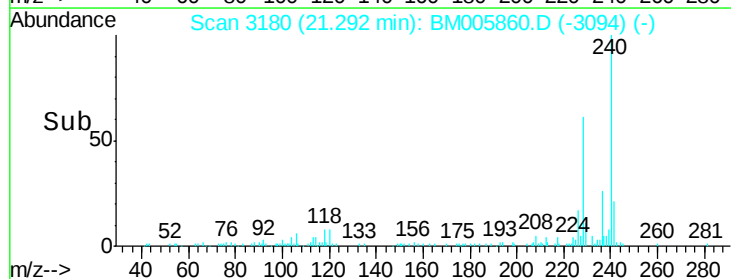
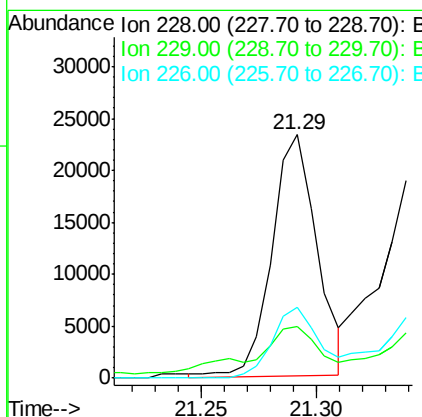
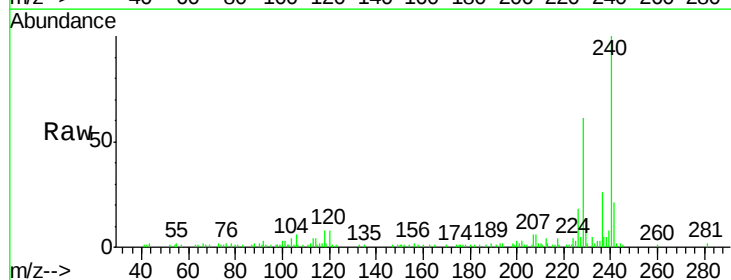
Instrument :
BNA_M
ClientSampled :
D9XW7

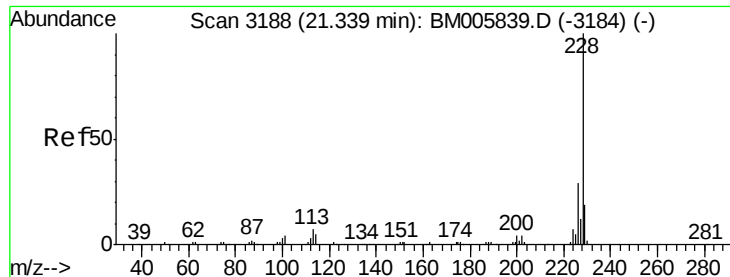
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.5	9.7
100	6.0	5.4	8.2



#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	Lower	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

Acq: 17 Jun 2016 14:10

Instrument :

BNA_M

ClientSampleId :

D9XW7

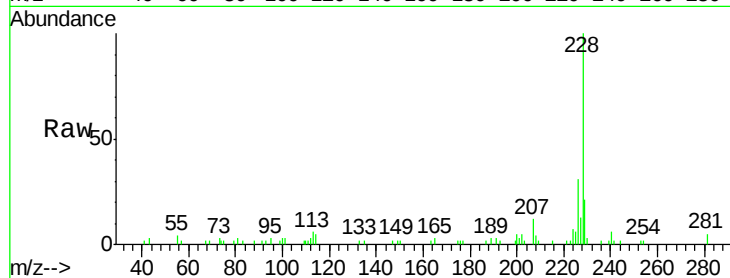
Tgt Ion:228 Resp: 31304

Ion Ratio Lower Upper

228 100

226 31.1 23.5 35.3

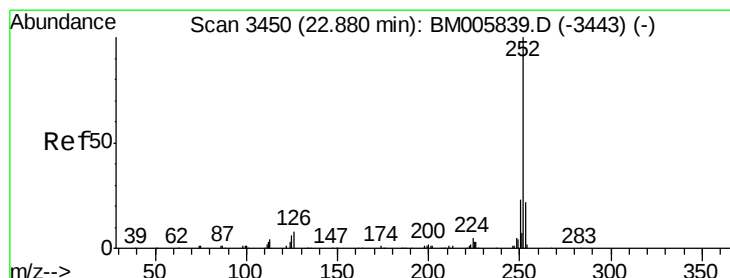
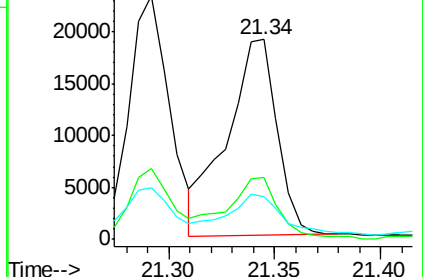
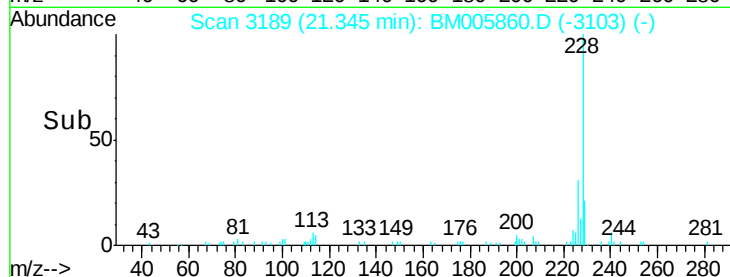
229 21.5 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

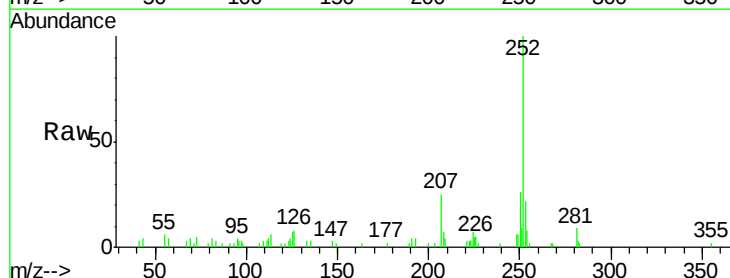
Tgt Ion:252 Resp: 41673

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

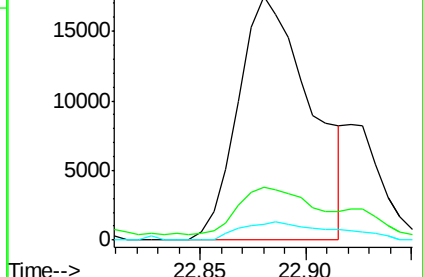
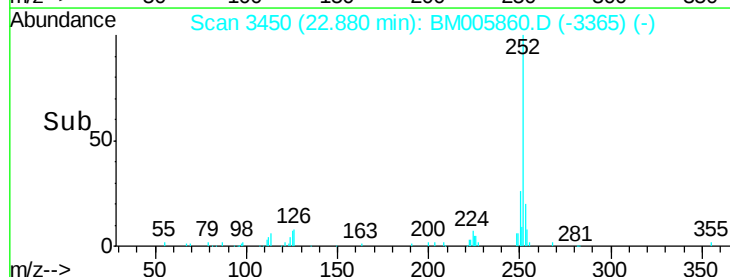
125 6.6 4.9 7.3

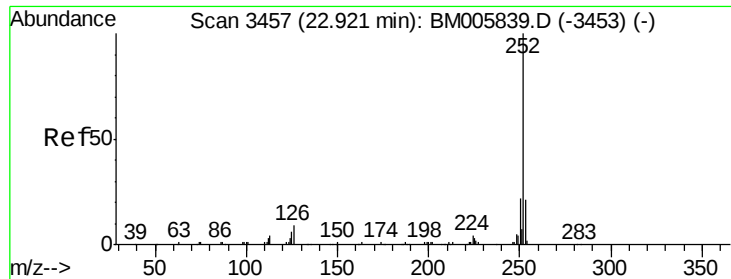


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

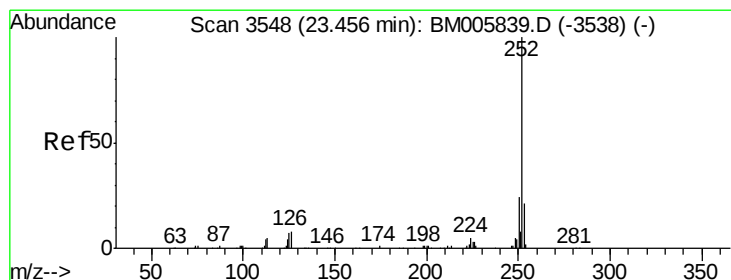
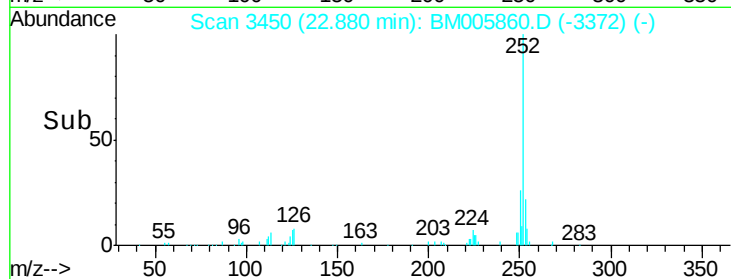
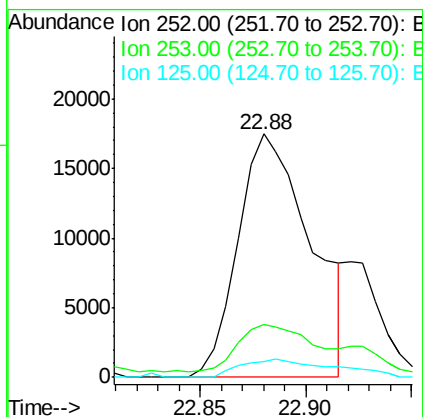
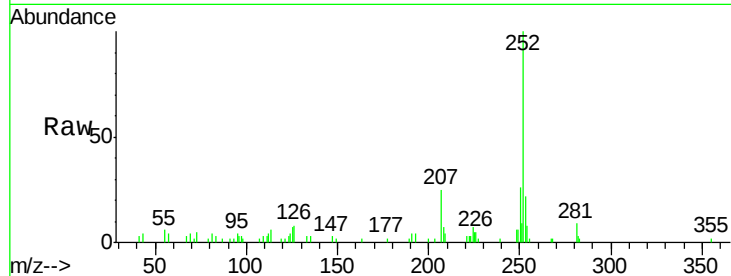




#36
Benzo(k)fluoranthene
Concen: 4.27 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM005860.D
Acq: 17 Jun 2016 14:10

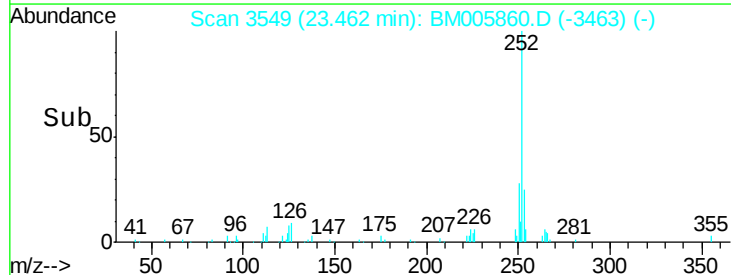
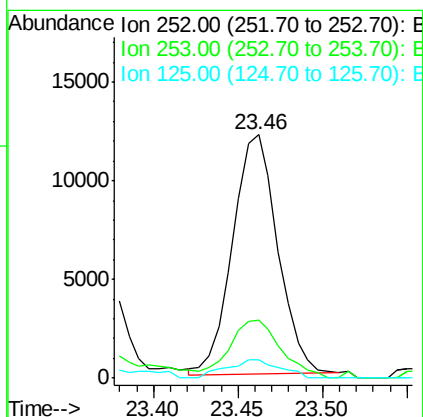
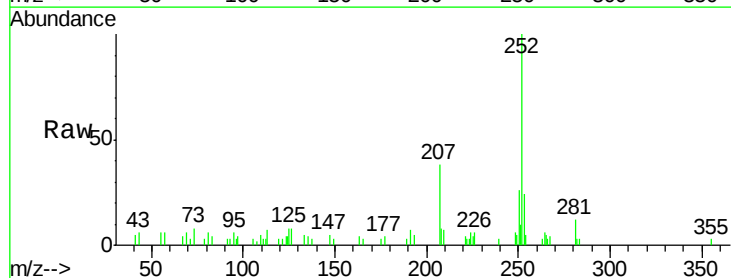
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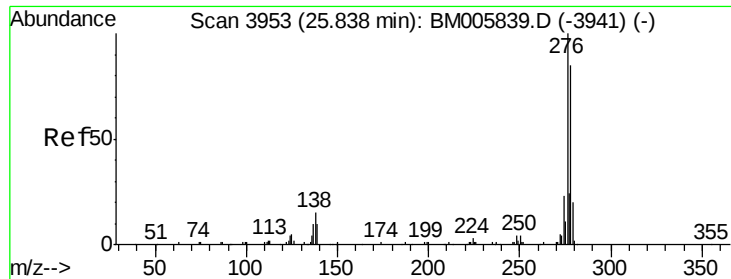
Tgt Ion:252 Resp: 41673
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 6.6 4.8 7.2



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





#39

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

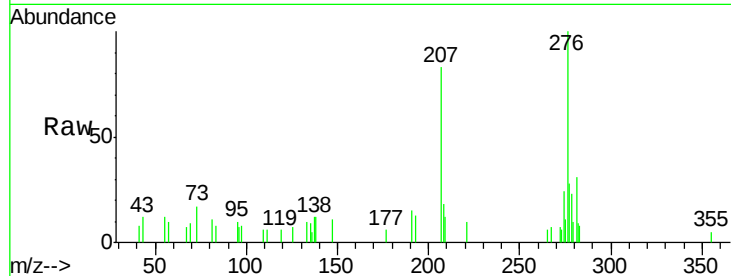
Tgt Ion:276 Resp: 16629

Ion Ratio Lower Upper

276 100

138 11.8 11.9 17.9#

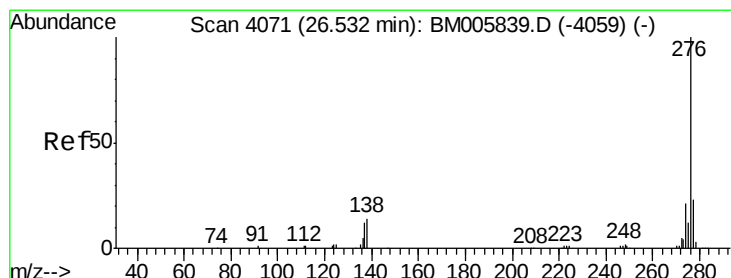
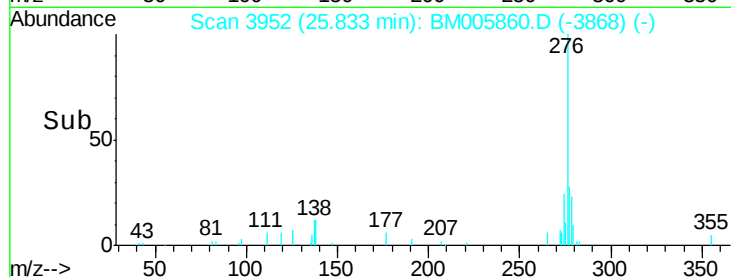
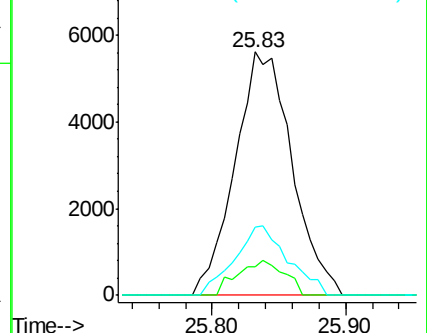
277 28.2 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#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

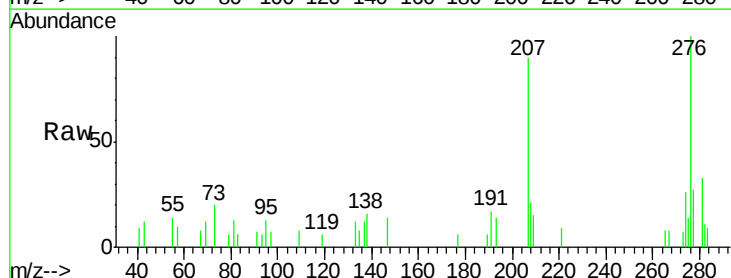
Tgt Ion:276 Resp: 16102

Ion Ratio Lower Upper

276 100

138 16.0 10.6 15.8#

277 26.8 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

