

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005841.D
 Acq On : 16 Jun 2016 23:14
 Operator : UM/SJ
 Sample : H3535-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XW6

Quant Time: Jun 17 01:57:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:56:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	23457	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	114231	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	76868	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	183273	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	227348	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	228569	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	521	2.88	ng/uL	0.00
3) Phenol-d5	6.92	99	29726	15.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	17233	16.93	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	28305	16.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	19638	11.19	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	13632	16.91	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	17236	17.49	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	32836	16.87	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	10843	8.23	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	122711	16.87	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	148489	17.72	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	7487	8.54	ng/ul	0.01
21) Fluorene-d10	15.37	176	108990	17.59	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	16163	13.07	ng/ul	0.00
26) Anthracene-d10	17.22	188	170981	17.87	ng/ul	0.00
30) Pyrene-d10	19.52	212	204898	19.01	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	204443	17.89	ng/ul	0.00

Target Compounds

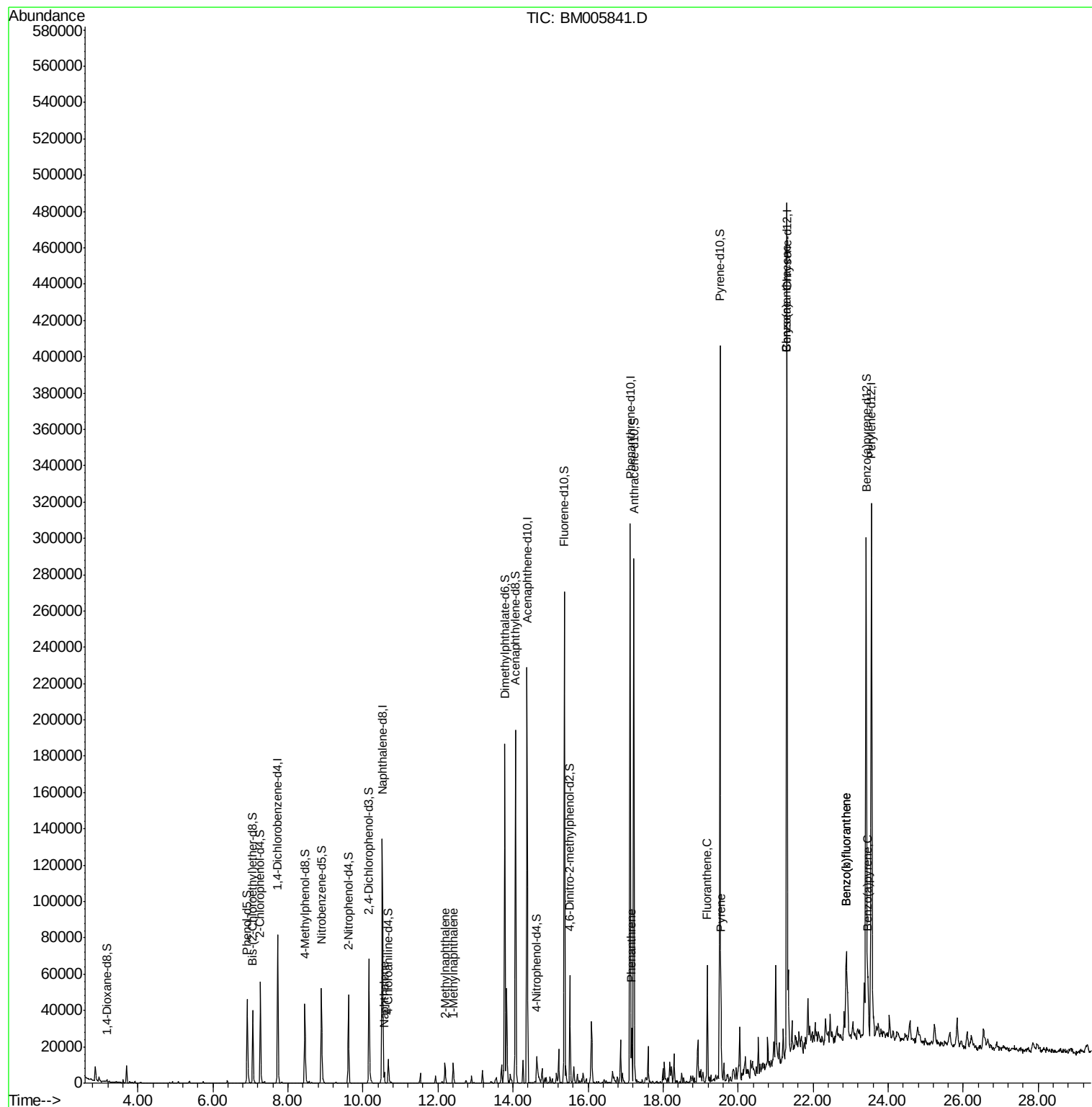
						Qvalue
11) Naphthalene	10.57	128	6982	1.14	ng/ul	99
13) 2-Methylnaphthalene	12.19	142	7288	1.56	ng/ul	91
14) 1-Methylnaphthalene	12.41	142	6650	1.37	ng/ul#	94
25) Phenanthrene	17.16	178	20776	1.90	ng/ul	96
28) Fluoranthene	19.18	202	37623	2.74	ng/ul	98
31) Pyrene	19.54	202	36308	2.70	ng/ul	98
32) Benzo(a)anthracene	21.29	228	26566	1.87	ng/ul	97
33) Chrysene	21.29	228	26566	1.94	ng/ul	96
35) Benzo(b)fluoranthene	22.88	252	47481	3.34	ng/ul	98
36) Benzo(k)fluoranthene	22.88	252	47481	3.46	ng/ul	99
38) Benzo(a)pyrene	23.46	252	24757	1.77	ng/ul#	98

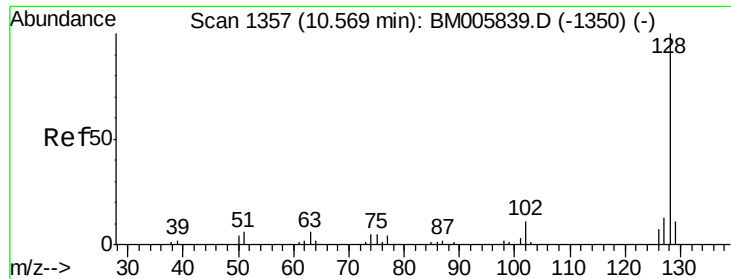
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Naphthalene

Concen: 1.14 ng/ul

RT: 10.57 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM005841.D

Acq: 16 Jun 2016 23:14

Instrument :

BNA_M

ClientSampleId :

D9XW6

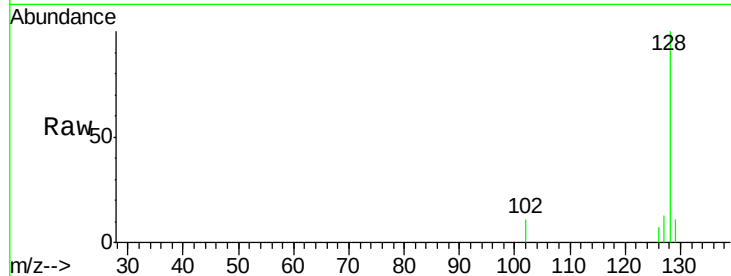
Tgt Ion:128 Resp: 6982

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

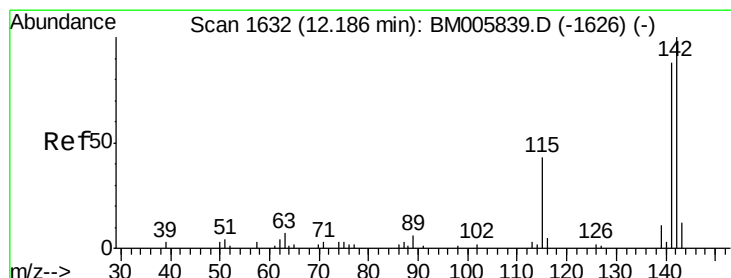
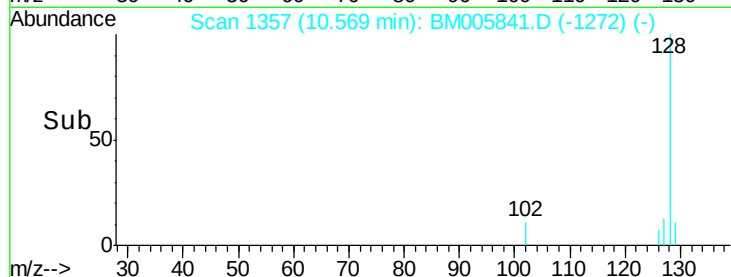
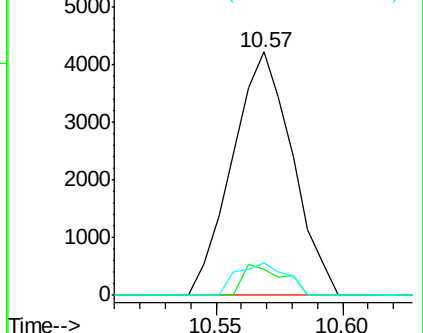
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#13

2-Methylnaphthalene

Concen: 1.56 ng/ul

RT: 12.19 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BM005841.D

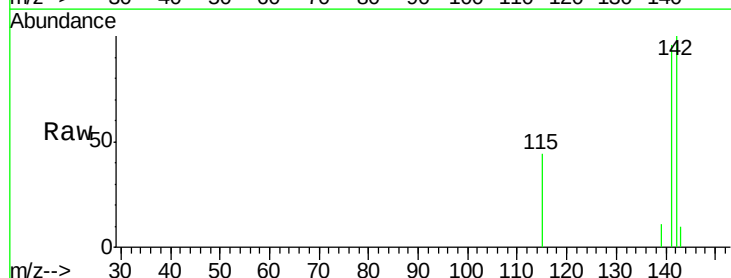
Acq: 16 Jun 2016 23:14

Tgt Ion:142 Resp: 7288

Ion Ratio Lower Upper

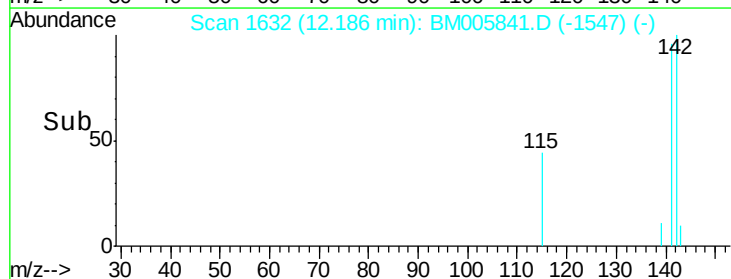
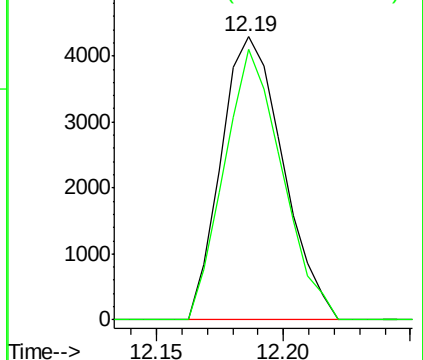
142 100

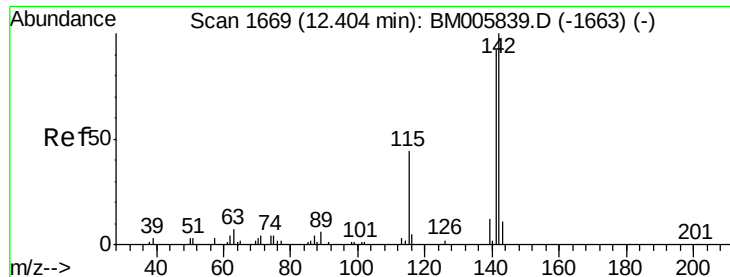
141 95.8 70.2 105.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

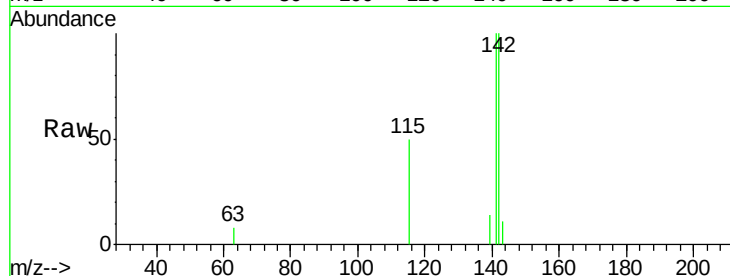




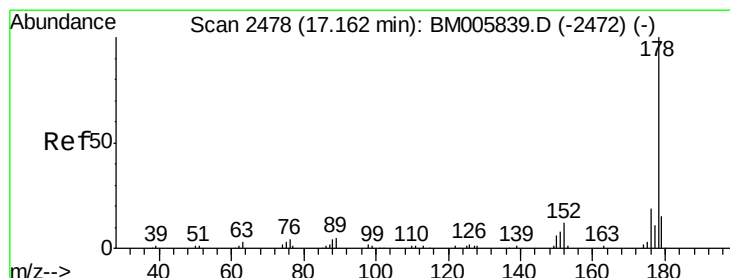
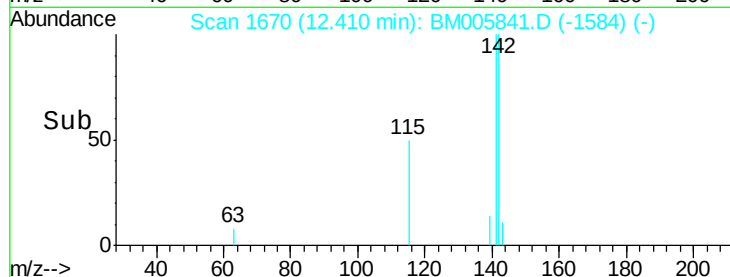
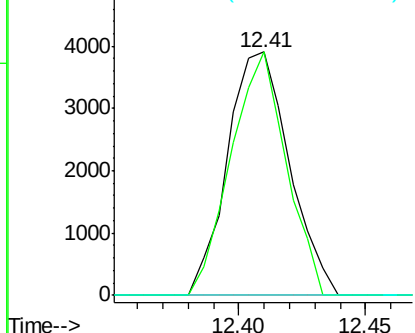
#14
 1-Methylnaphthalene
 Concen: 1.37 ng/ul
 RT: 12.41 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BM005841.D
 Acq: 16 Jun 2016 23:14

Instrument :
 BNA_M
 ClientSampleId :
 D9XW6

Tgt Ion:142 Resp: 6650
 Ion Ratio Lower Upper
 142 100
 141 99.8 75.4 113.2
 116 0.0 3.7 5.5#

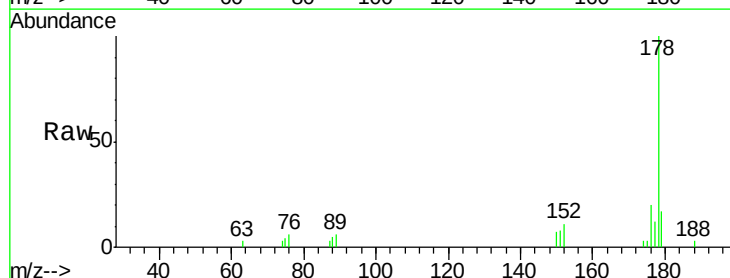


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

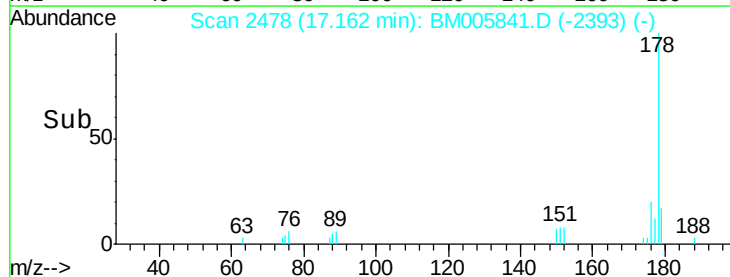
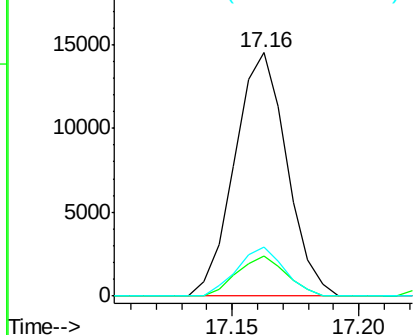


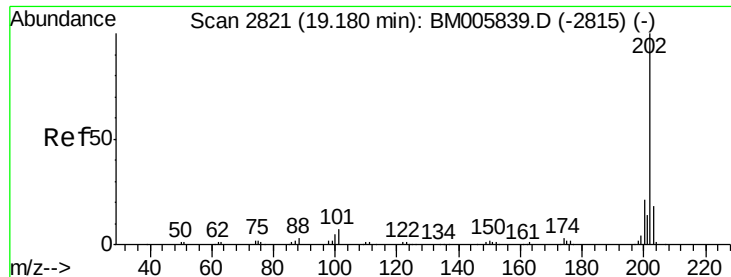
#25
 Phenanthrene
 Concen: 1.90 ng/ul
 RT: 17.16 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BM005841.D
 Acq: 16 Jun 2016 23:14

Tgt Ion:178 Resp: 20776
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.0 18.0
 176 20.4 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 2.74 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BM005841.D

Acq: 16 Jun 2016 23:14

Instrument :

BNA_M

ClientSampleId :

D9XW6

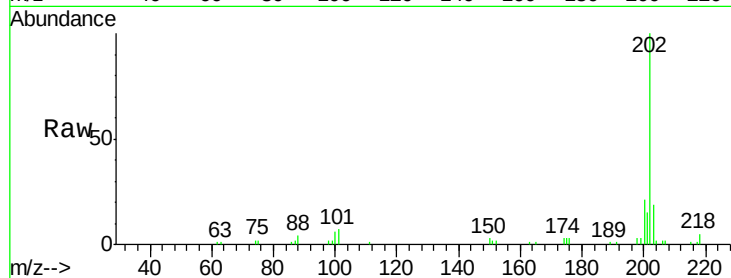
Tgt Ion:202 Resp: 37623

Ion Ratio Lower Upper

202 100

101 7.0 6.1 9.1

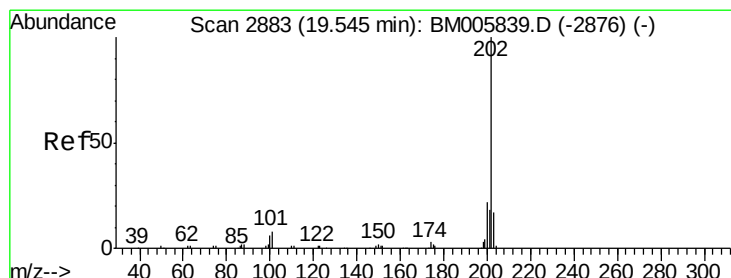
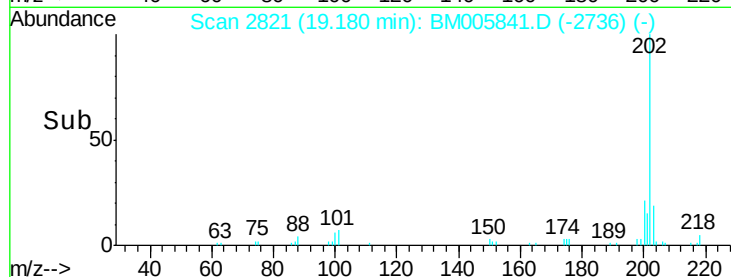
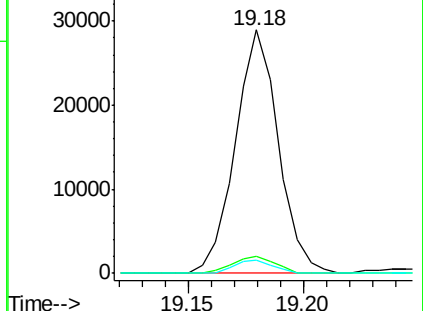
100 5.6 4.2 6.2



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: 2.70 ng/ul

RT: 19.54 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BM005841.D

Acq: 16 Jun 2016 23:14

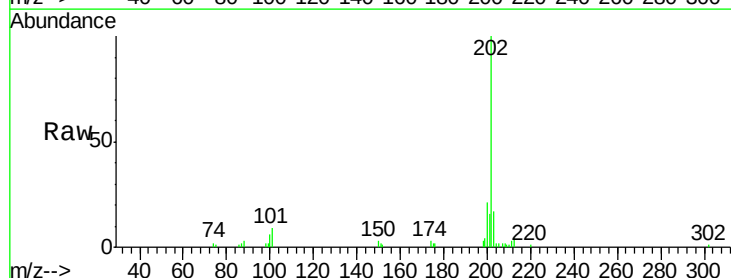
Tgt Ion:202 Resp: 36308

Ion Ratio Lower Upper

202 100

101 8.6 6.5 9.7

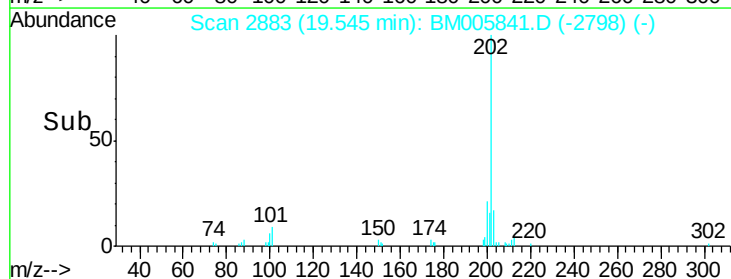
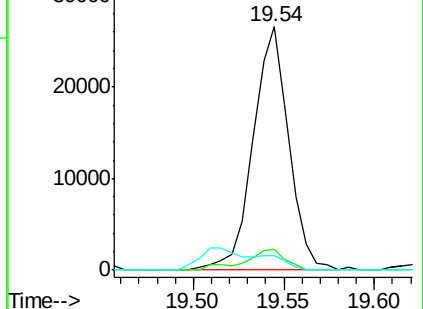
100 5.8 5.4 8.2

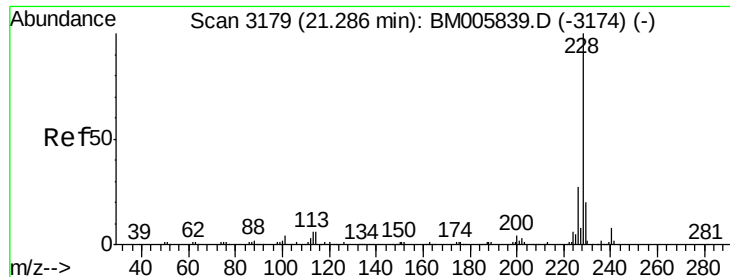


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 1.87 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BM005841.D

Acq: 16 Jun 2016 23:14

Instrument :

BNA_M

ClientSampleId :

D9XW6

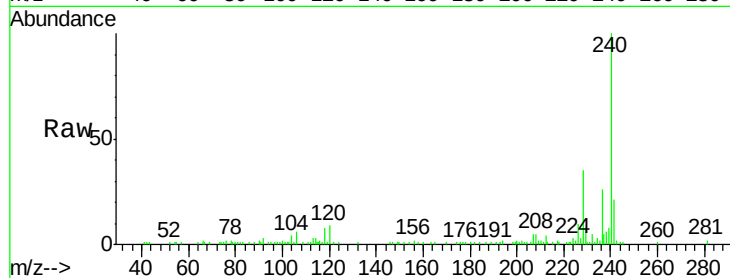
Tgt Ion:228 Resp: 26566

Ion Ratio Lower Upper

228 100

229 22.0 15.8 23.6

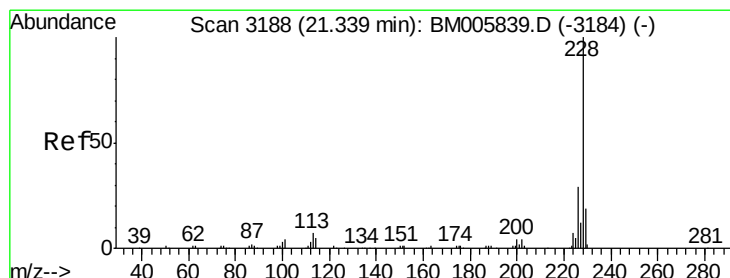
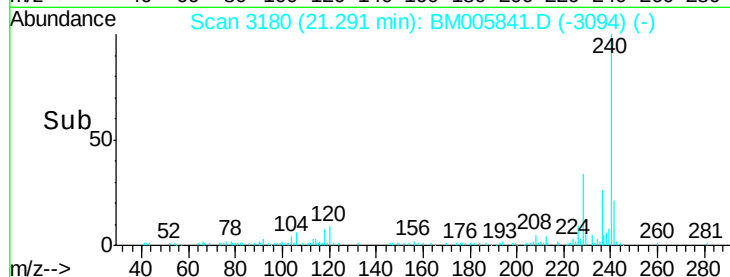
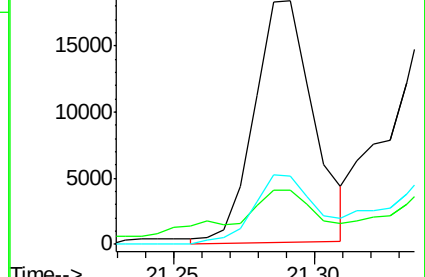
226 28.1 21.8 32.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#33

Chrysene

Concen: 1.94 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.05 min

Lab File: BM005841.D

Acq: 16 Jun 2016 23:14

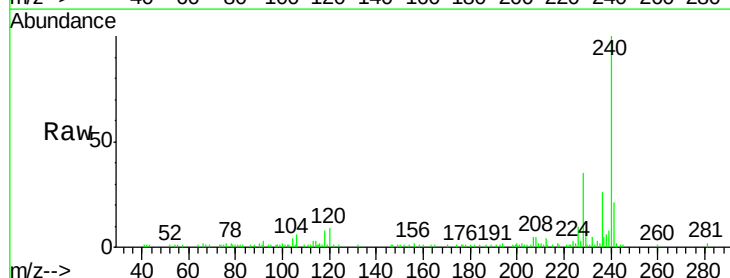
Tgt Ion:228 Resp: 26566

Ion Ratio Lower Upper

228 100

226 28.1 23.5 35.3

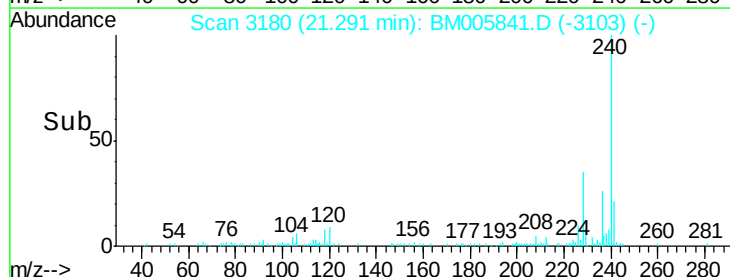
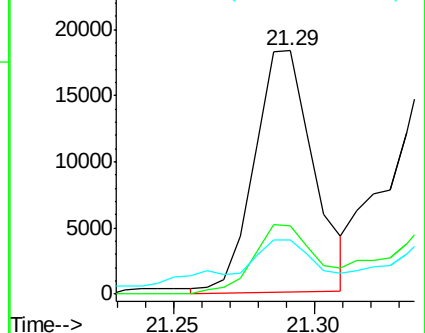
229 22.0 15.4 23.0

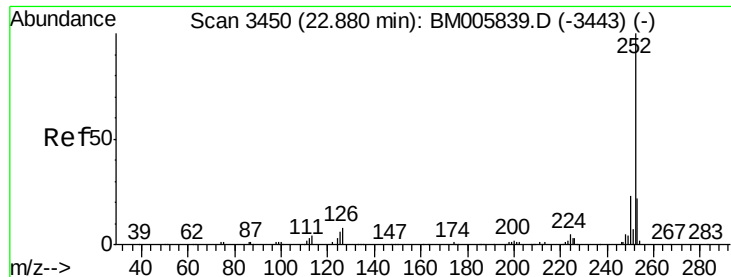


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 3.34 ng/ul

RT: 22.88 min Scan# 3450

Delta R.T. -0.00 min

Lab File: BM005841.D

Acq: 16 Jun 2016 23:14

Instrument :

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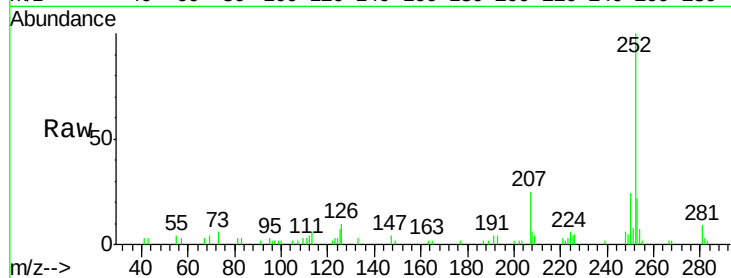
Tgt Ion:252 Resp: 47481

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

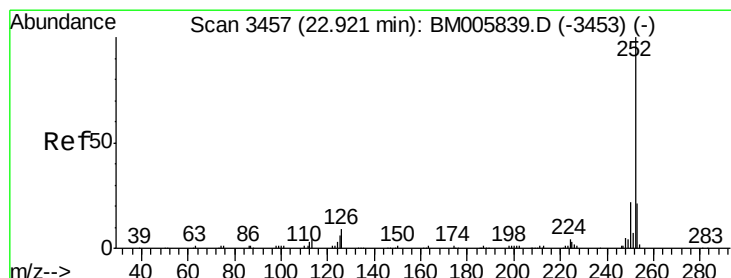
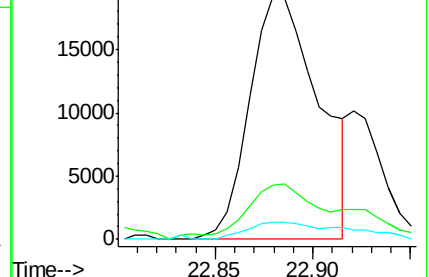
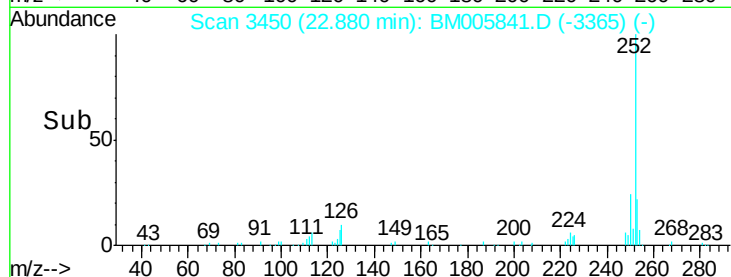
125 6.9 4.9 7.3



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: 3.46 ng/ul

RT: 22.88 min Scan# 3450

Delta R.T. -0.04 min

Lab File: BM005841.D

Acq: 16 Jun 2016 23:14

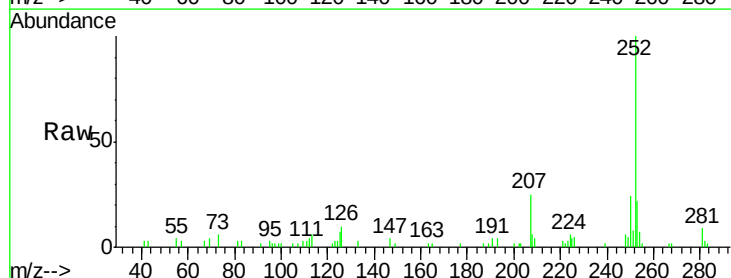
Tgt Ion:252 Resp: 47481

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

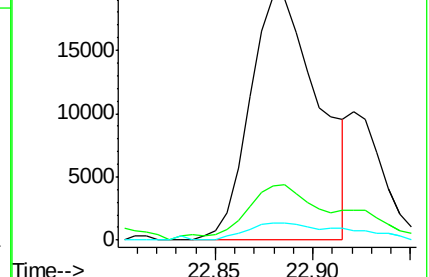
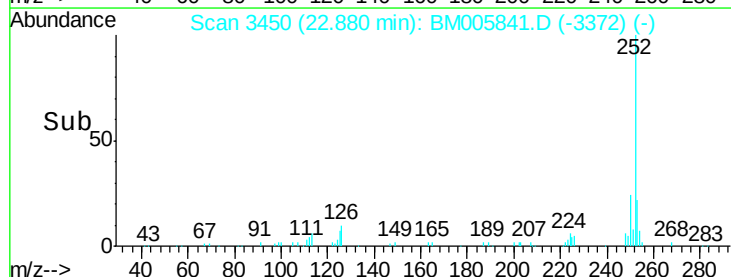
125 6.9 4.8 7.2

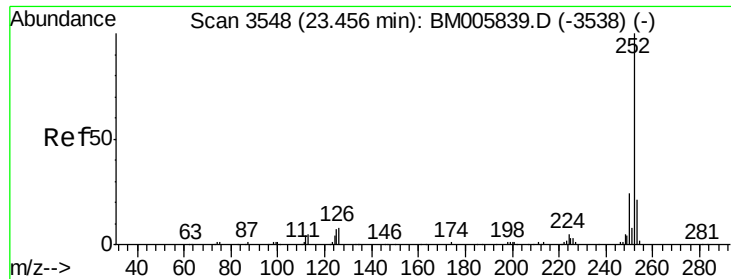


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 1.77 ng/ul

RT: 23.46 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BM005841.D

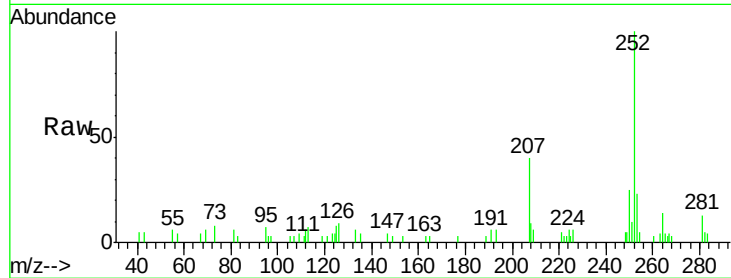
Acq: 16 Jun 2016 23:14

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	252	Resp:	24757
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	8.0	5.1	7.7#

