

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005850.D
 Acq On : 17 Jun 2016 04:38
 Operator : UM/SJ
 Sample : H3535-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y09

Quant Time: Jun 17 05:26:31 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	27227	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	127926	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	80967	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	190979	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	222541	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	187211	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	323	1.54	ng/uL	0.00
3) Phenol-d5	6.92	99	32420	14.22	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	18784	15.90	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	31253	16.11	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	22169	10.88	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	15891	17.60	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	18259	16.55	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	34670	15.91	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	12775	8.66	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	123172	16.08	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	154770	17.54	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	4012	4.35	ng/ul	0.03
21) Fluorene-d10	15.37	176	111572	17.09	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	6170	4.79	ng/ul	0.00
26) Anthracene-d10	17.22	188	172310	17.28	ng/ul	0.00
30) Pyrene-d10	19.52	212	203429	19.29	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	163825	17.50	ng/ul	0.00

Target Compounds

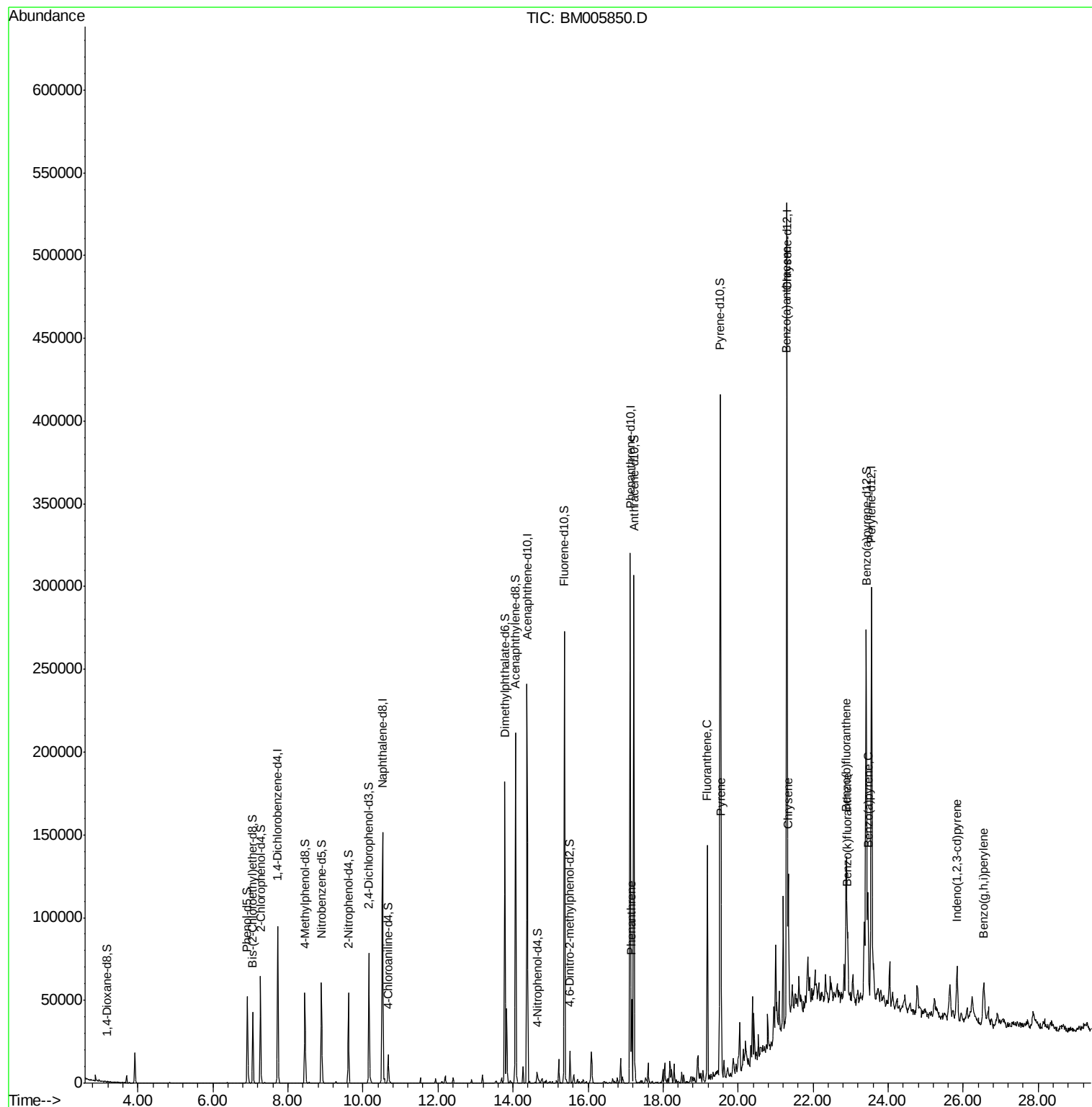
						Qvalue
25) Phenanthrene	17.16	178	32714	2.88	ng/ul	98
28) Fluoranthene	19.18	202	87327	6.11	ng/ul	99
31) Pyrene	19.54	202	80078	6.09	ng/ul	100
32) Benzo(a)anthracene	21.29	228	49528	3.56	ng/ul	97
33) Chrysene	21.34	228	52981	3.96	ng/ul	95
35) Benzo(b)fluoranthene	22.88	252	70399	6.04	ng/ul#	97
36) Benzo(k)fluoranthene	22.92	252	23804	2.12	ng/ul#	97
38) Benzo(a)pyrene	23.46	252	45241	3.95	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.84	276	31987	2.29	ng/ul	98
41) Benzo(g,h,i)perylene	26.54	276	29527	2.48	ng/ul	94

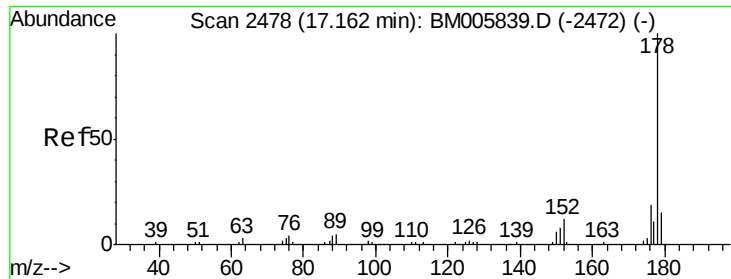
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 2.88 ng/ul

RT: 17.16 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM005850.D

Acq: 17 Jun 2016 04:38

Instrument :

BNA_M

ClientSampleId :

D9Y09

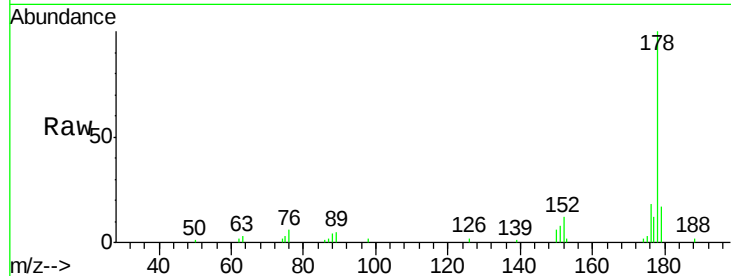
Tgt Ion:178 Resp: 32714

Ion Ratio Lower Upper

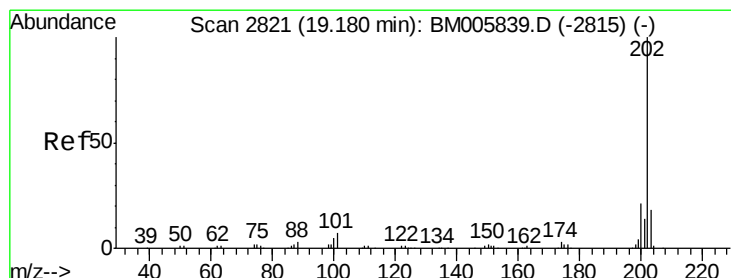
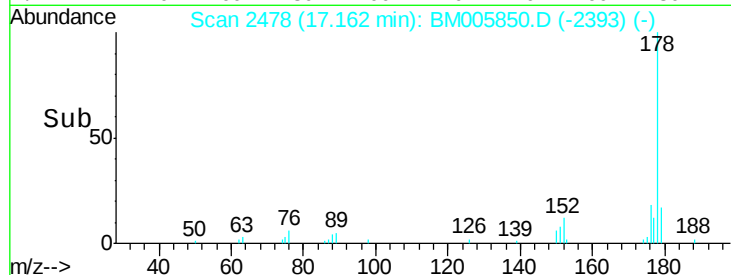
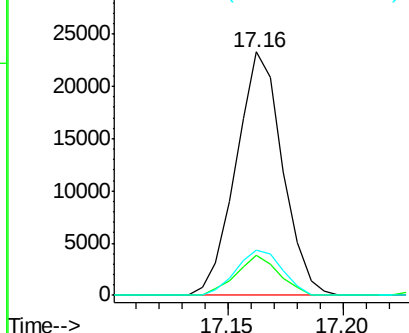
178 100

179 16.5 12.0 18.0

176 18.3 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: 6.11 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM005850.D

Acq: 17 Jun 2016 04:38

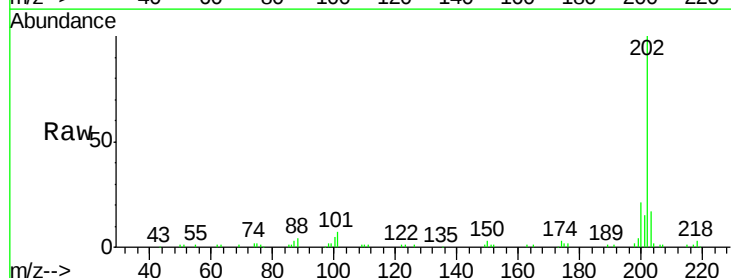
Tgt Ion:202 Resp: 87327

Ion Ratio Lower Upper

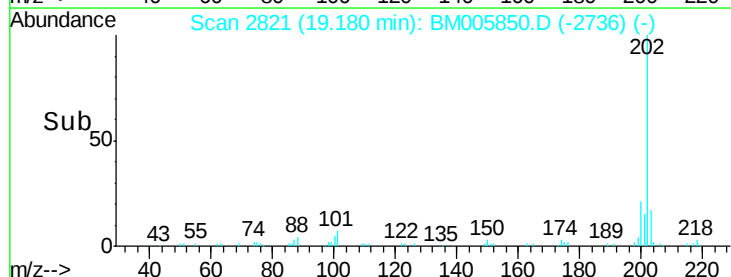
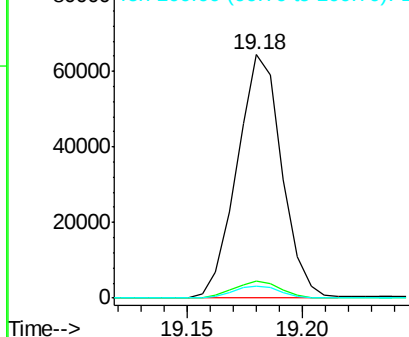
202 100

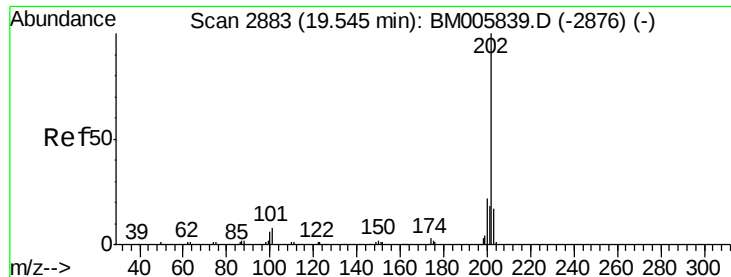
101 7.1 6.1 9.1

100 5.1 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

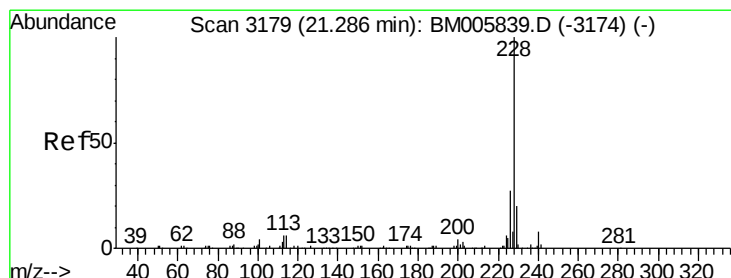
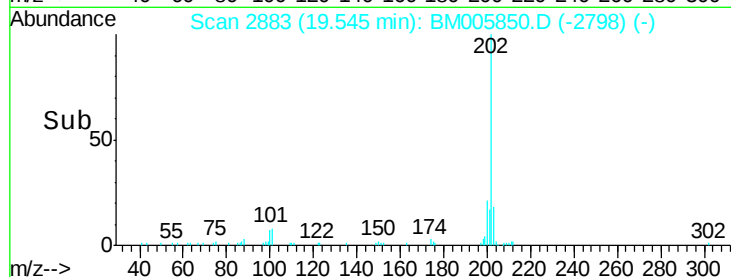
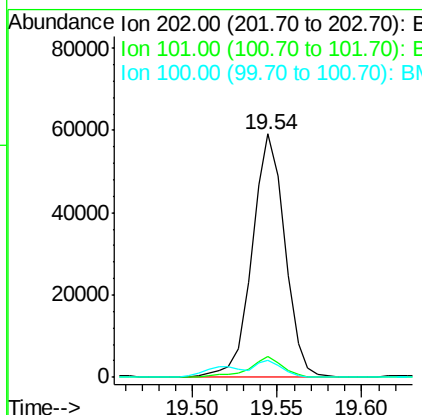
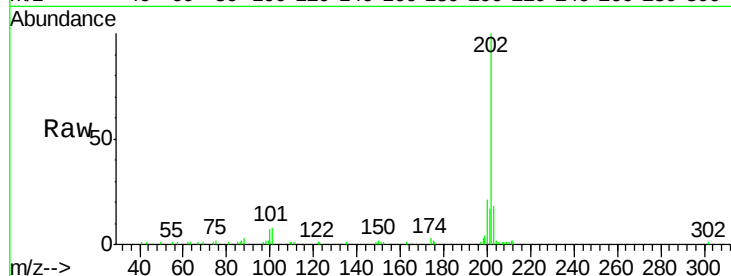




#31
Pyrene
Concen: 6.09 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BM005850.D
Acq: 17 Jun 2016 04:38

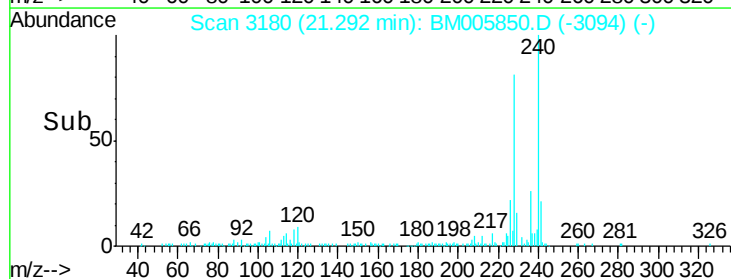
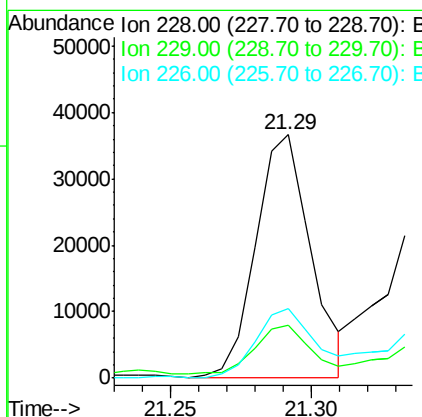
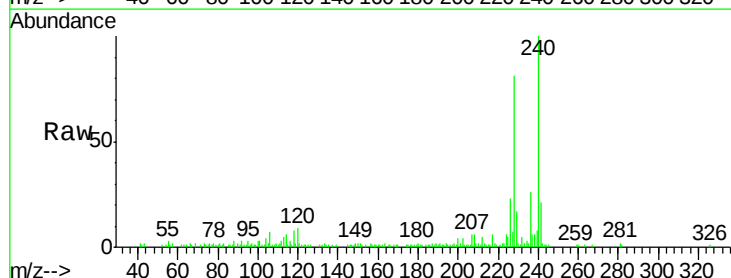
Instrument :
BNA_M
ClientSampleId :
D9Y09

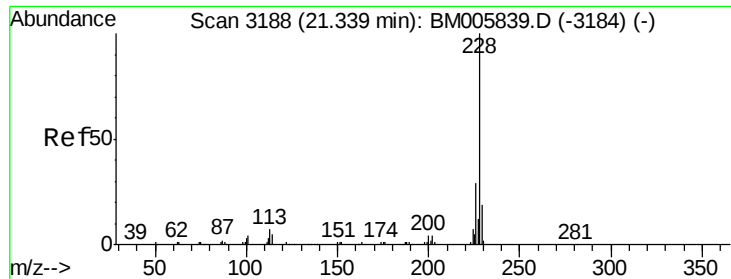
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.5	9.7
100	6.9	5.4	8.2



#32
Benzo(a)anthracene
Concen: 3.56 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005850.D
Acq: 17 Jun 2016 04:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	28.7	21.8	32.6





#33

Chrysene

Concen: 3.96 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.01 min

Lab File: BM005850.D

Acq: 17 Jun 2016 04:38

Instrument :

BNA_M

ClientSampleId :

D9Y09

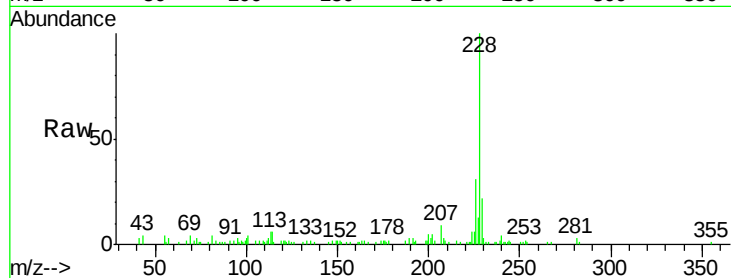
Tgt Ion:228 Resp: 52981

Ion Ratio Lower Upper

228 100

226 31.1 23.5 35.3

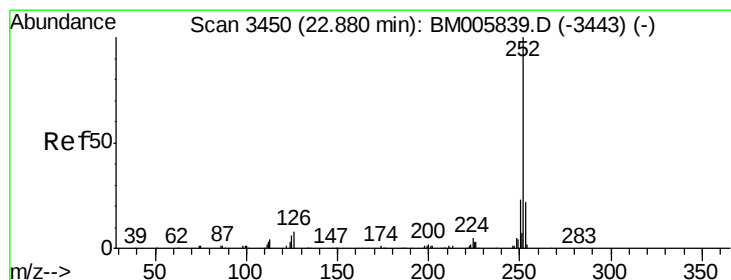
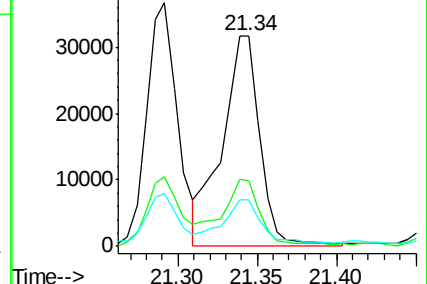
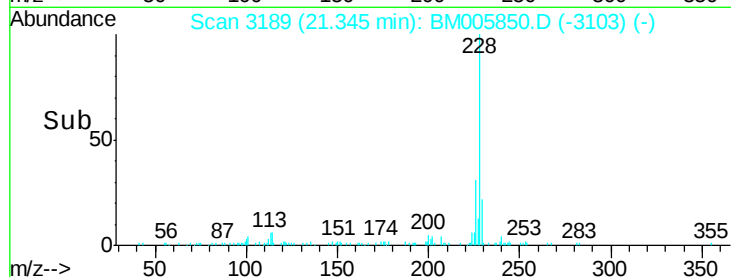
229 22.3 15.4 23.0



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: 6.04 ng/ul

RT: 22.88 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM005850.D

Acq: 17 Jun 2016 04:38

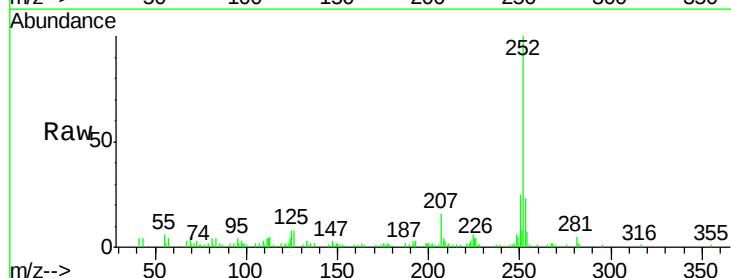
Tgt Ion:252 Resp: 70399

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

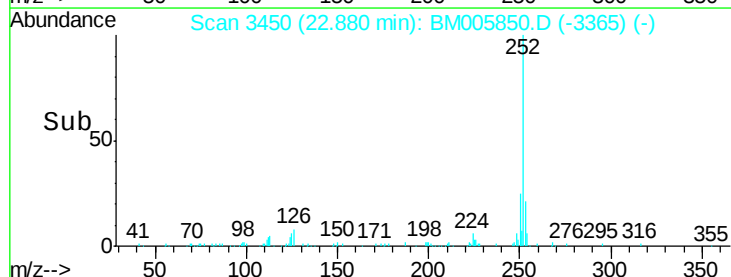
125 7.5 4.9 7.3#



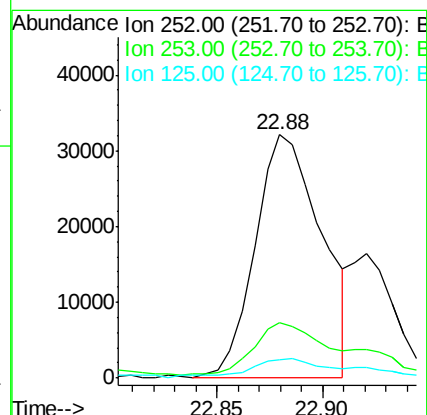
Abundance Ion 252.00 (251.70 to 252.70): E

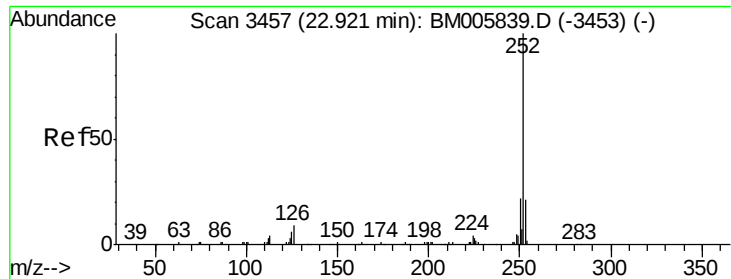
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#36

Benzo(k)fluoranthene

Concen: 2.12 ng/ul

RT: 22.92 min Scan# 3457

Delta R.T. 0.00 min

Lab File: BM005850.D

Acq: 17 Jun 2016 04:38

Instrument :

BNA_M

ClientSampleId :

D9Y09

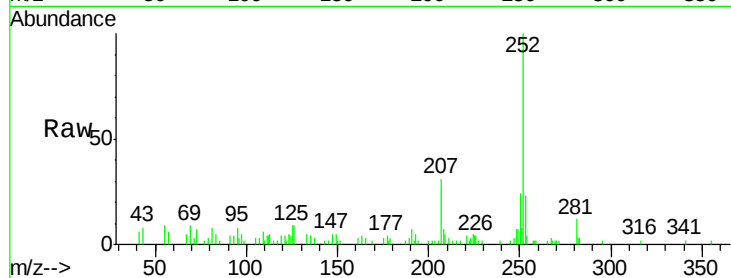
Tgt Ion:252 Resp: 23804

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

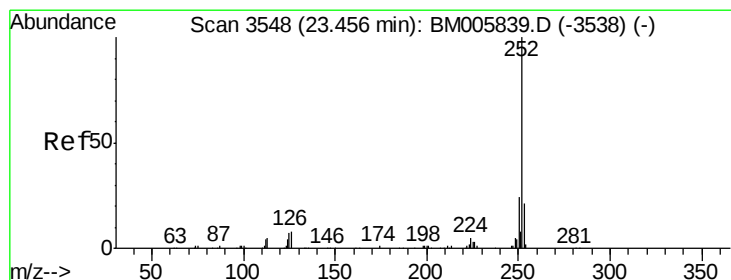
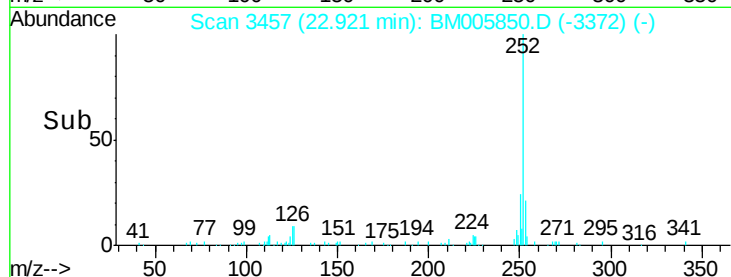
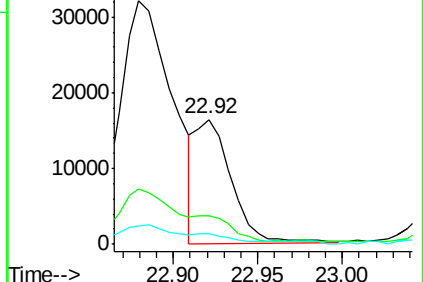
125 8.7 4.8 7.2#



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: 3.95 ng/ul

RT: 23.46 min Scan# 3549

Delta R.T. 0.01 min

Lab File: BM005850.D

Acq: 17 Jun 2016 04:38

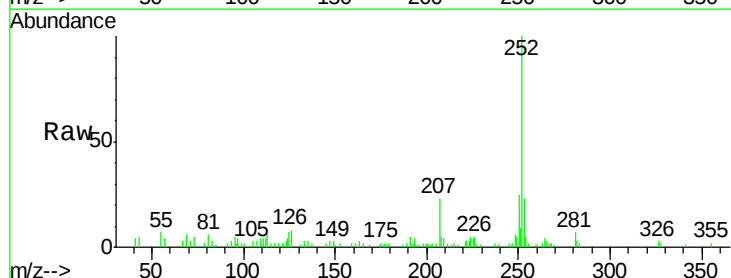
Tgt Ion:252 Resp: 45241

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

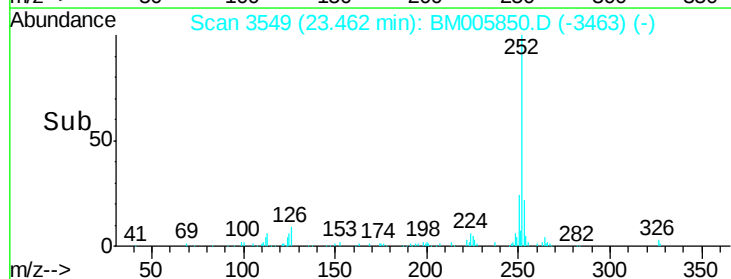
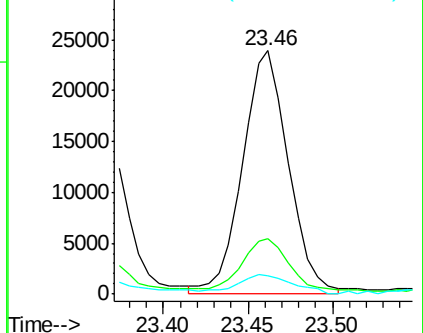
125 7.4 5.1 7.7

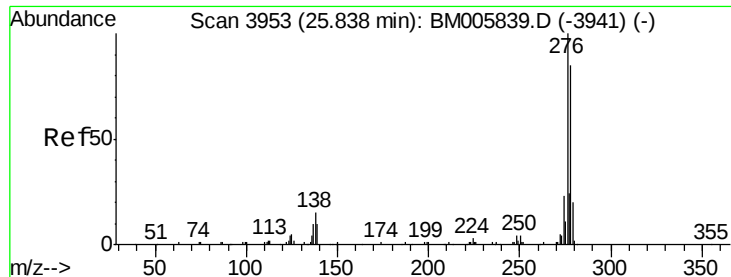


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.29 ng/ul

RT: 25.84 min Scan# 3954

Delta R.T. 0.01 min

Lab File: BM005850.D

Acq: 17 Jun 2016 04:38

Instrument :

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ClientSampleId :

D9Y09

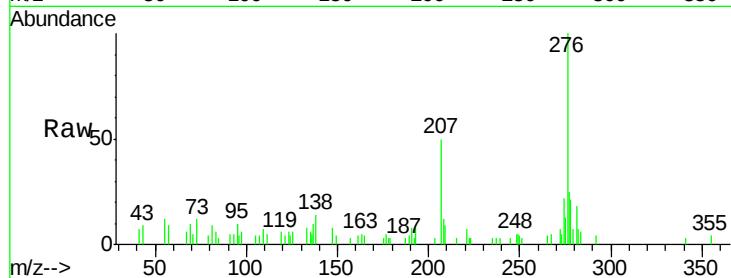
Tgt Ion:276 Resp: 31987

Ion Ratio Lower Upper

276 100

138 14.2 11.9 17.9

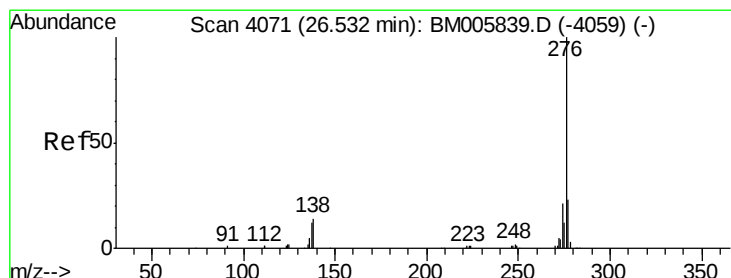
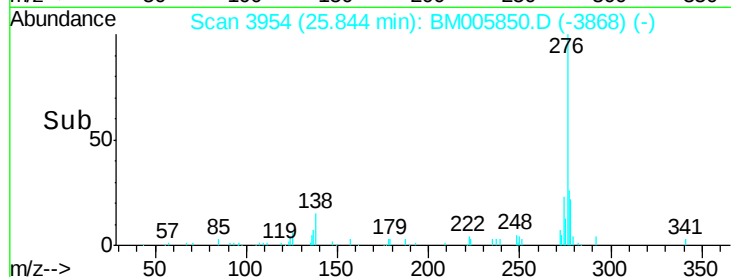
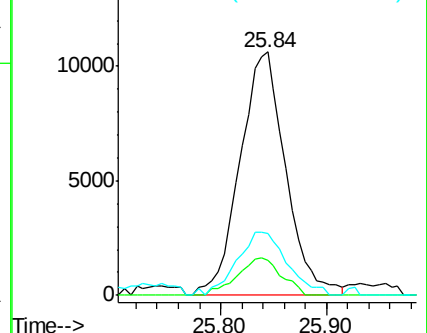
277 25.3 21.0 31.6



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: 2.48 ng/ul

RT: 26.54 min Scan# 4073

Delta R.T. 0.01 min

Lab File: BM005850.D

Acq: 17 Jun 2016 04:38

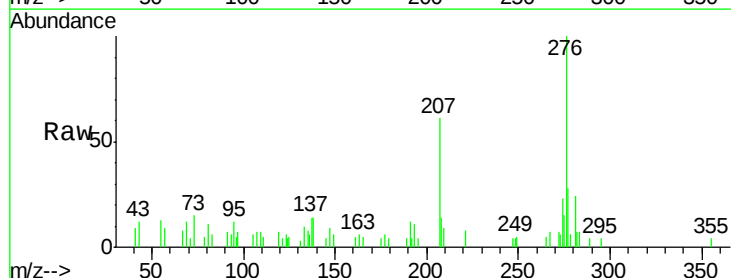
Tgt Ion:276 Resp: 29527

Ion Ratio Lower Upper

276 100

138 14.3 10.6 15.8

277 28.4 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

