

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
 Data File : BM005864.D
 Acq On : 17 Jun 2016 16:34
 Operator : UM/SJ
 Sample : H3535-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y05

Quant Time: Jun 17 17:28:56 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	26331	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	118584	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	72406	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	168587	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	175911	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	151648	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	667	3.28	ng/uL	0.00
3) Phenol-d5	6.92	99	36550	16.58	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	19945	17.45	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	35111	19.10	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	28922	14.68	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	17249	20.61	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	21010	20.54	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	39851	19.73	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	24670	18.05	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	133442	19.48	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	160832	20.38	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	11841	14.34	ng/ul	0.02
21) Fluorene-d10	15.37	176	116763	20.00	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	10658	9.37	ng/ul	0.00
26) Anthracene-d10	17.22	188	184617	20.97	ng/ul	0.00
30) Pyrene-d10	19.52	212	212630	25.50	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	162699	21.46	ng/ul	0.00

Target Compounds

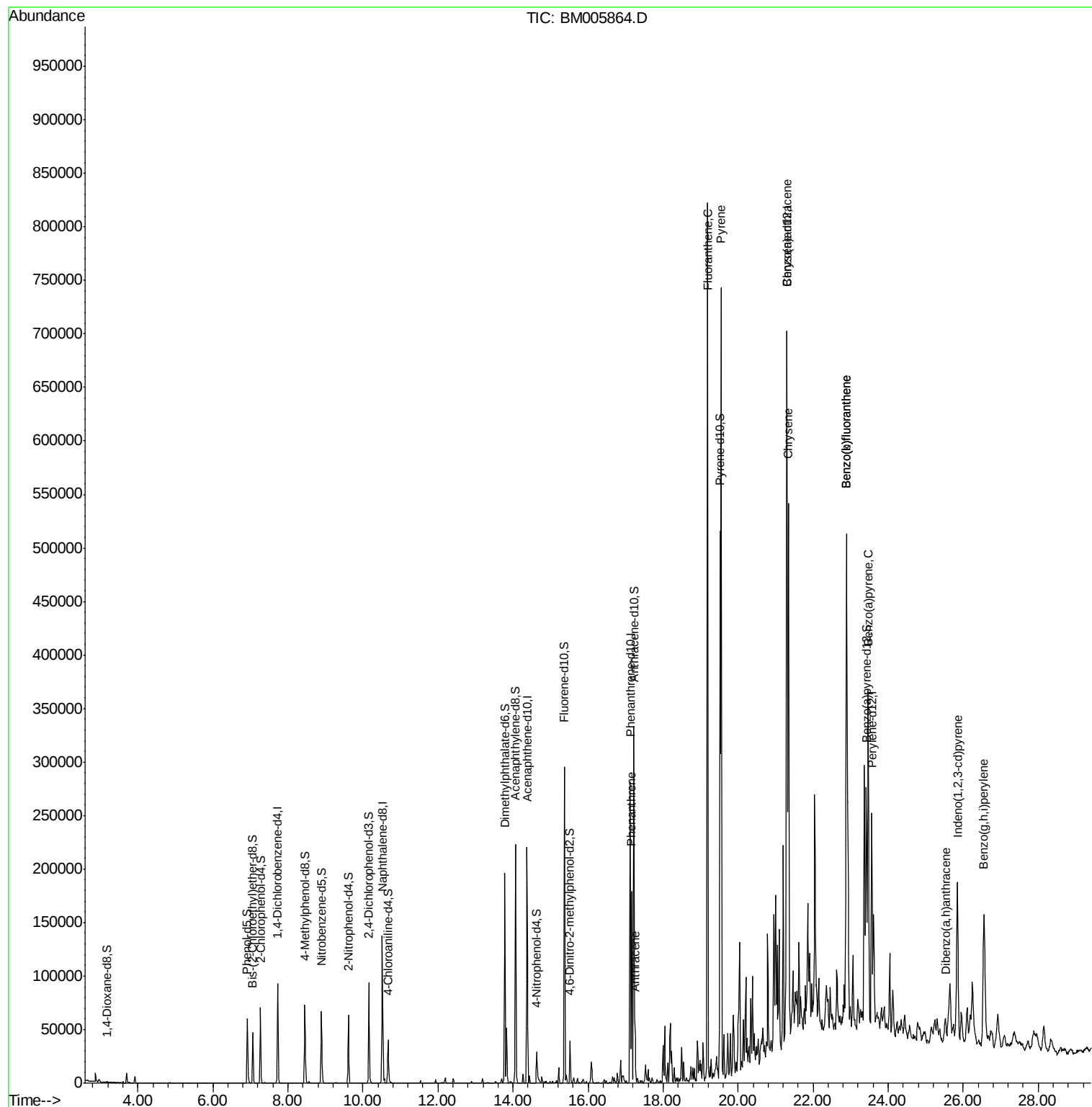
						Qvalue
25) Phenanthrene	17.16	178	111422	11.10	ng/ul	99
27) Anthracene	17.26	178	29591	2.88	ng/ul	100
28) Fluoranthene	19.19	202	491524	38.97	ng/ul	98
31) Pyrene	19.55	202	459604	44.21	ng/ul	99
32) Benzo(a)anthracene	21.30	228	299555	27.27	ng/ul	99
33) Chrysene	21.34	228	280831	26.54	ng/ul	96
35) Benzo(b)fluoranthene	22.89	252	396906	42.04	ng/ul	98
36) Benzo(k)fluoranthene	22.89	252	396906	43.54	ng/ul	99
38) Benzo(a)pyrene	23.47	252	234930	25.35	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.85	276	152280	13.44	ng/ul	95
40) Dibenzo(a,h)anthracene	25.53	278	24958	2.68	ng/ul	94
41) Benzo(g,h,i)perylene	26.55	276	133787	13.87	ng/ul	99

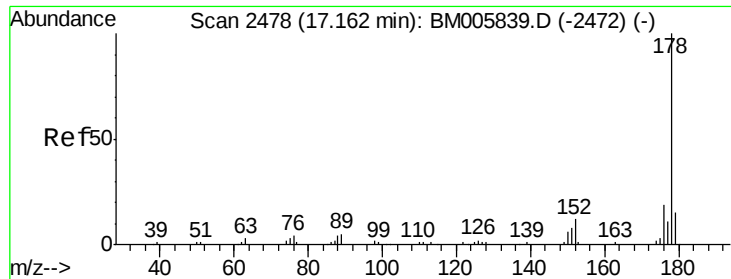
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
Data File : BM005864.D
Acq On : 17 Jun 2016 16:34
Operator : UM/SJ
Sample : H3535-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y05

Quant Time: Jun 17 17:28:56 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





#25

Phenanthrene

Concen: 11.10 ng/ul

RT: 17.16 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

Instrument :

BNA_M

ClientSampled :

D9Y05

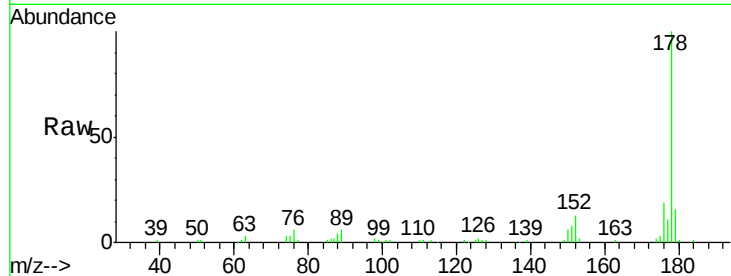
Tgt Ion:178 Resp: 111422

Ion Ratio Lower Upper

178 100

179 16.1 12.0 18.0

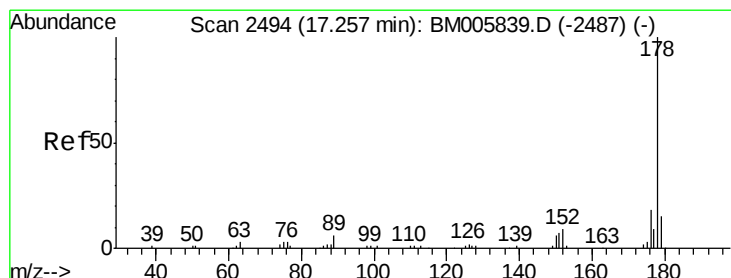
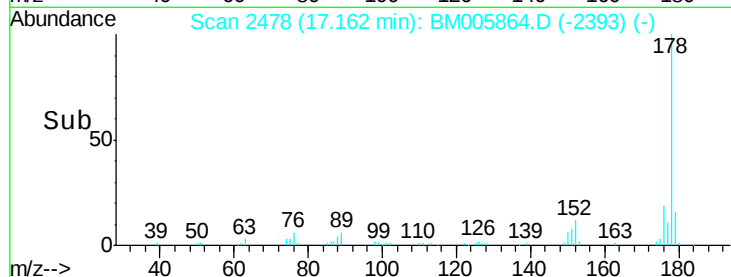
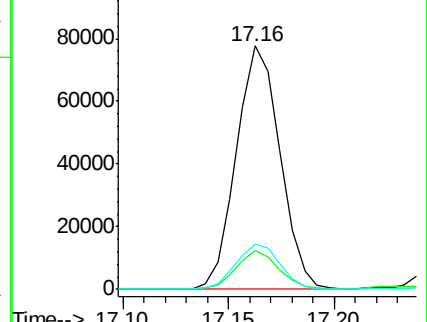
176 18.8 14.9 22.3



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



#27

Anthracene

Concen: 2.88 ng/ul

RT: 17.26 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

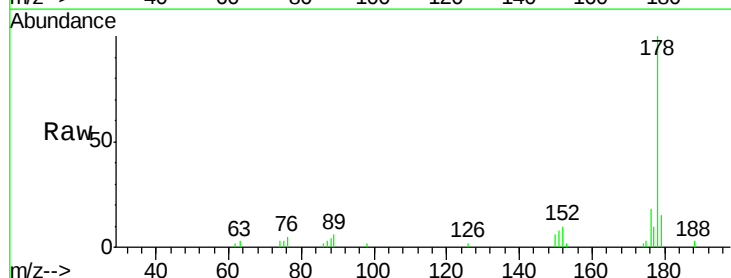
Tgt Ion:178 Resp: 29591

Ion Ratio Lower Upper

178 100

179 15.1 11.9 17.9

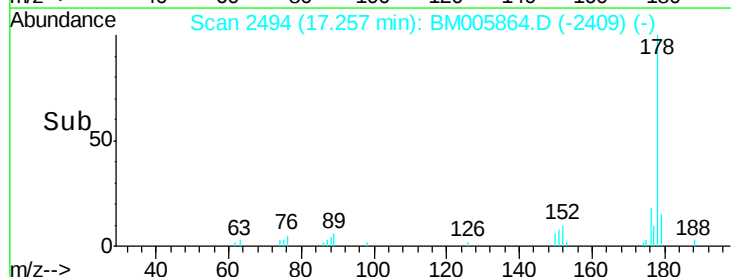
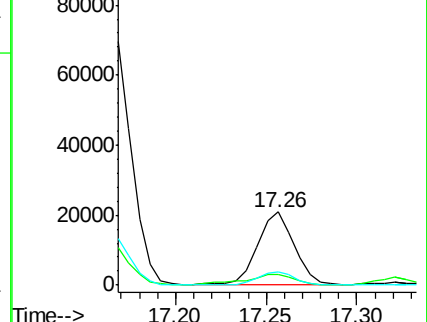
176 18.4 14.8 22.2

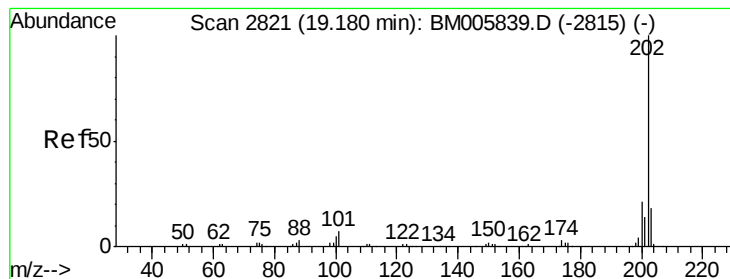


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 38.97 ng/ul

RT: 19.19 min Scan# 2822

Delta R.T. 0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9Y05

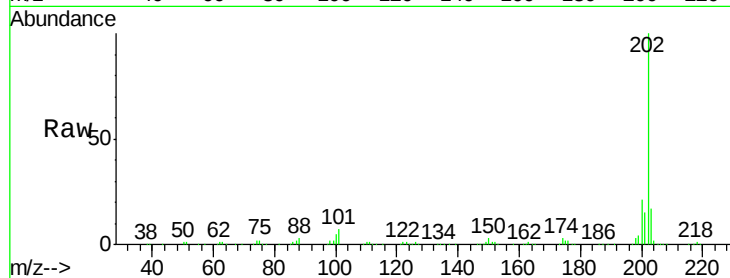
Tgt Ion:202 Resp: 491524

Ion Ratio Lower Upper

202 100

101 6.7 6.1 9.1

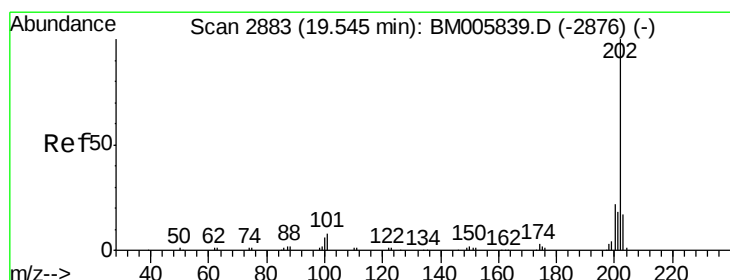
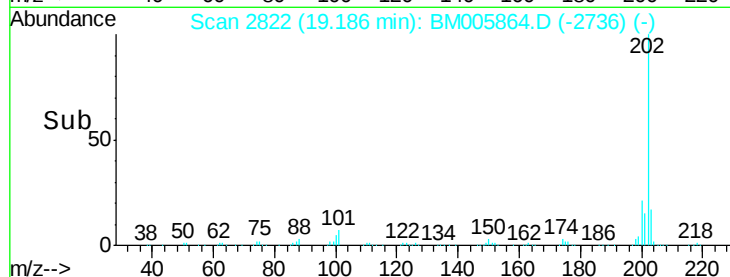
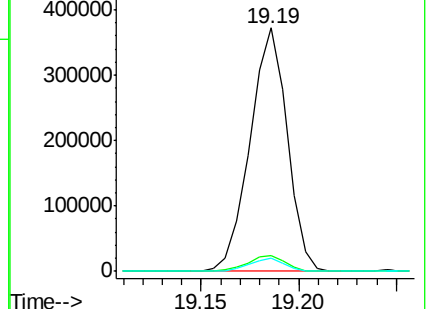
100 5.2 4.2 6.2



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: 44.21 ng/ul

RT: 19.55 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

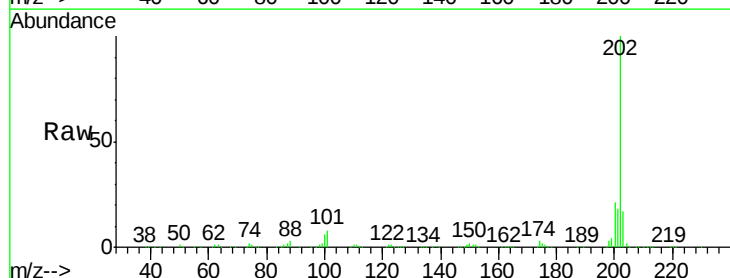
Tgt Ion:202 Resp: 459604

Ion Ratio Lower Upper

202 100

101 7.7 6.5 9.7

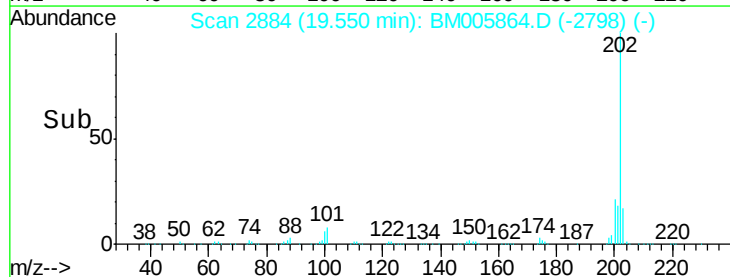
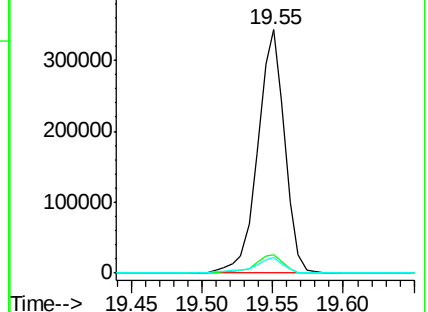
100 6.3 5.4 8.2

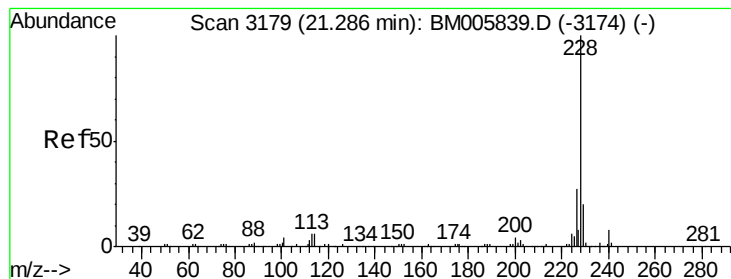


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 27.27 ng/ul

RT: 21.30 min Scan# 3181

Delta R.T. 0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9Y05

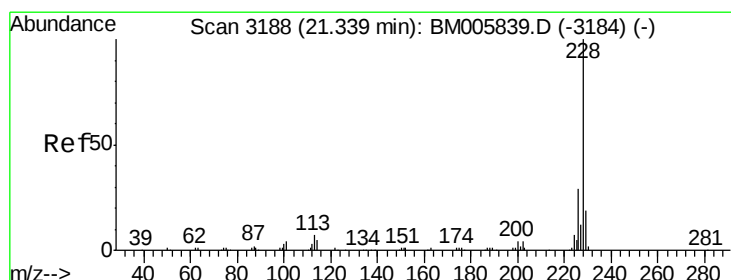
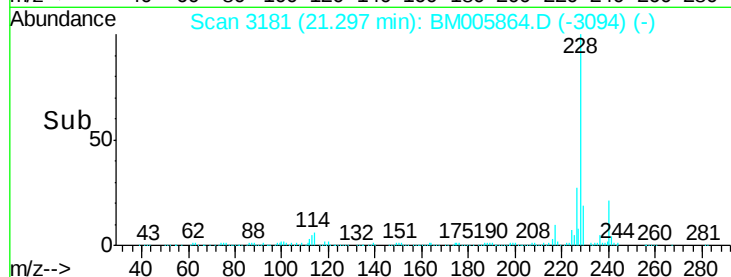
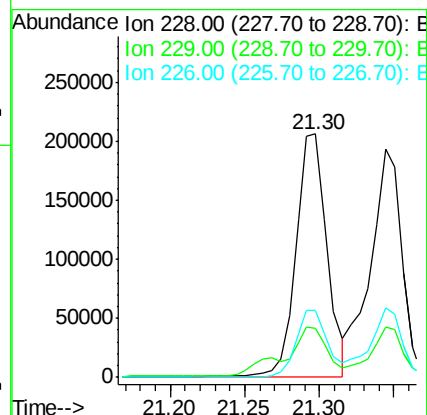
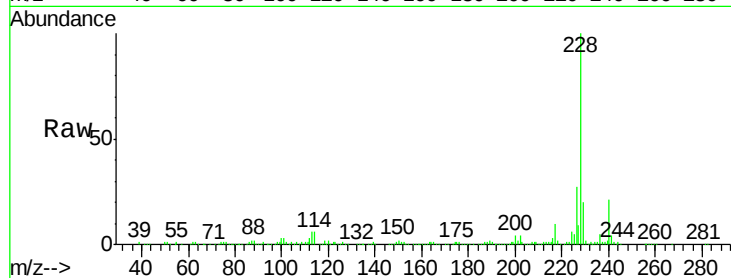
Tgt Ion:228 Resp: 299555

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

226 27.3 21.8 32.6



#33

Chrysene

Concen: 26.54 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

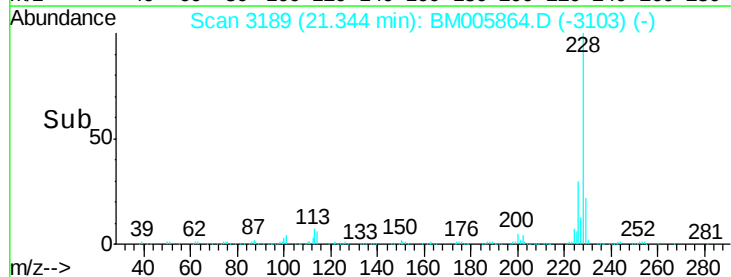
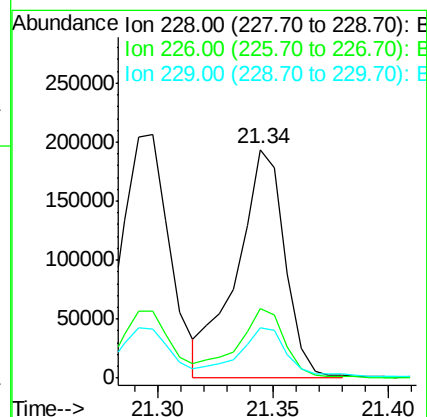
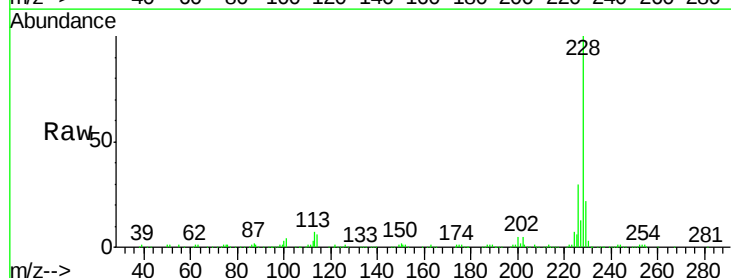
Tgt Ion:228 Resp: 280831

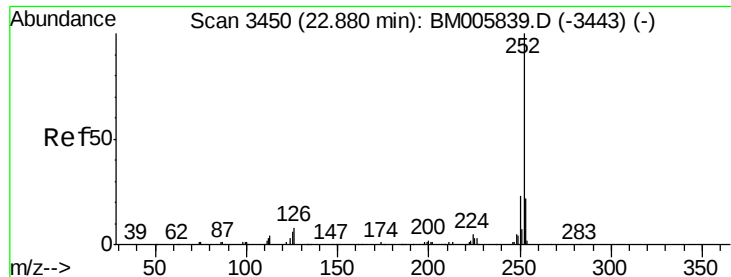
Ion Ratio Lower Upper

228 100

226 30.4 23.5 35.3

229 22.2 15.4 23.0





#35

Benzo(b)fluoranthene

Concen: 42.04 ng/ul

RT: 22.89 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9Y05

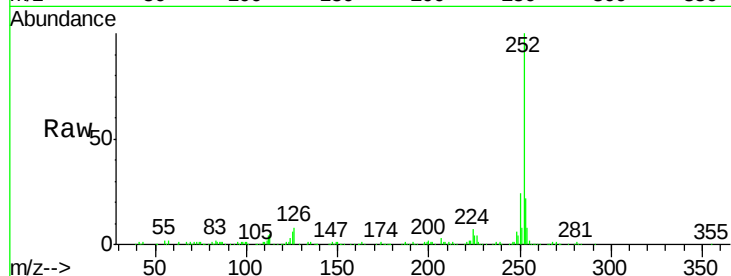
Tgt Ion:252 Resp: 396906

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

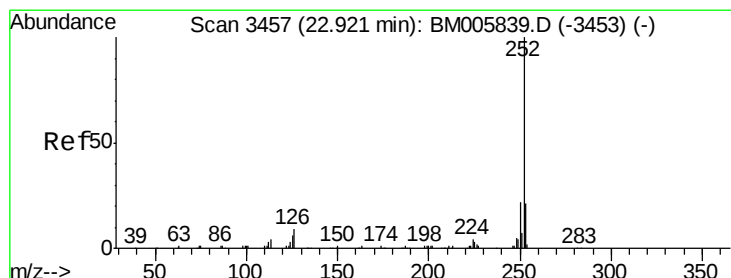
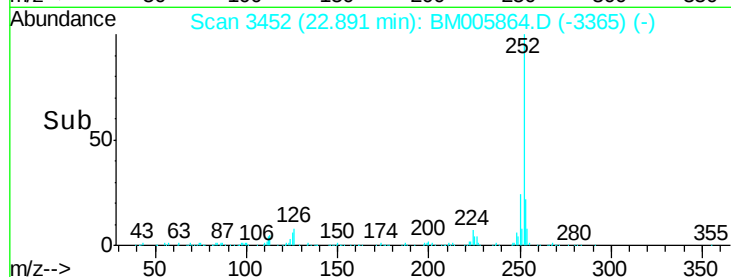
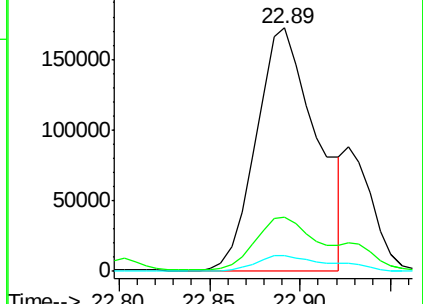
125 6.5 4.9 7.3



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



#36

Benzo(k)fluoranthene

Concen: 43.54 ng/ul

RT: 22.89 min Scan# 3452

Delta R.T. -0.03 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

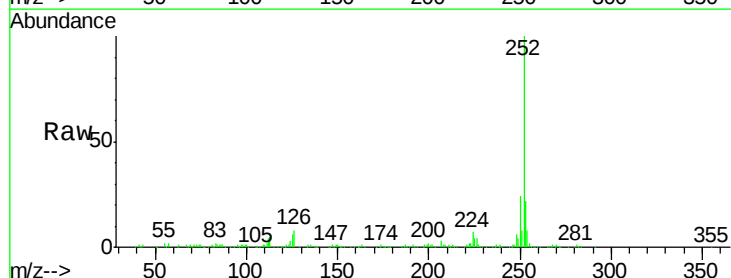
Tgt Ion:252 Resp: 396906

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

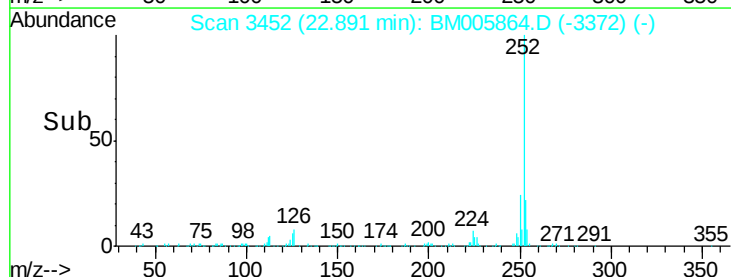
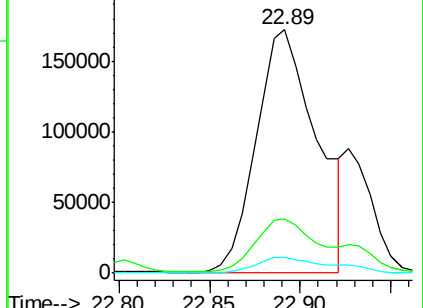
125 6.5 4.8 7.2

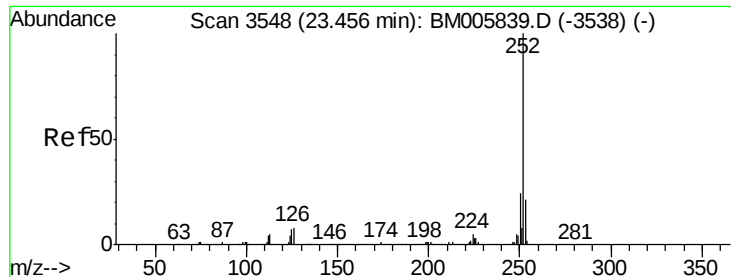


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 25.35 ng/ul

RT: 23.47 min Scan# 3550

Delta R.T. 0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9Y05

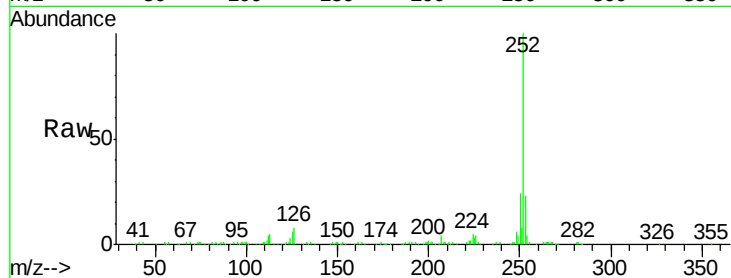
Tgt Ion:252 Resp: 234930

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

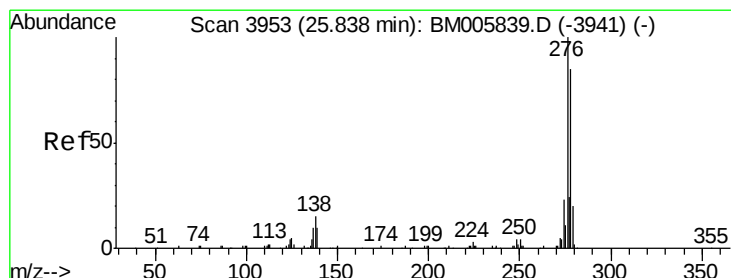
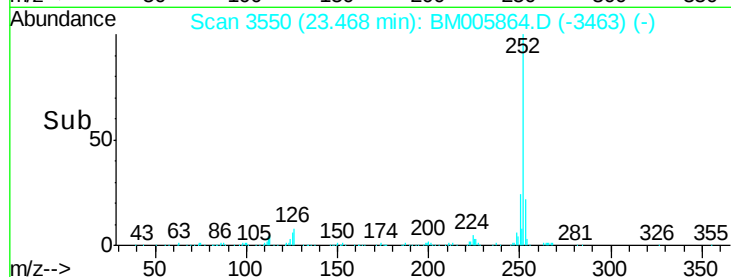
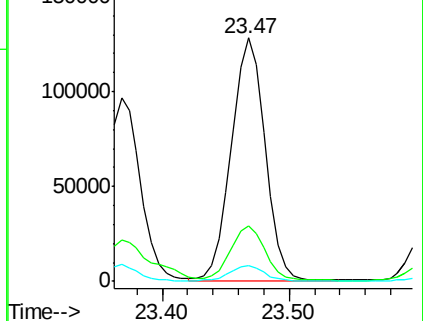
125 6.4 5.1 7.7



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: 13.44 ng/ul

RT: 25.85 min Scan# 3955

Delta R.T. 0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

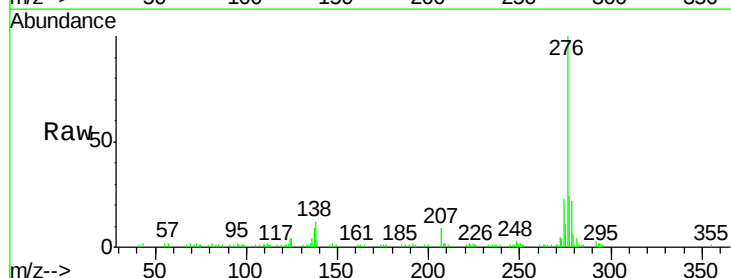
Tgt Ion:276 Resp: 152280

Ion Ratio Lower Upper

276 100

138 12.2 11.9 17.9

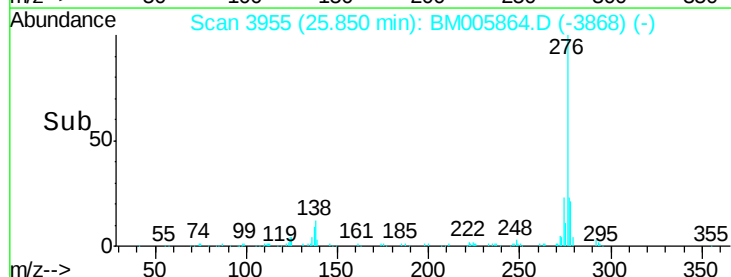
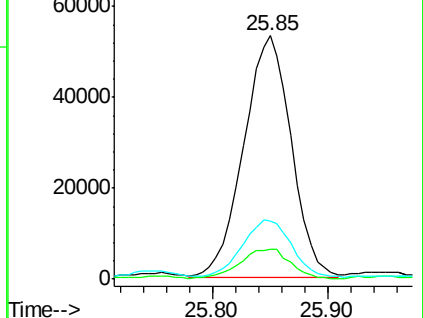
277 24.0 21.0 31.6

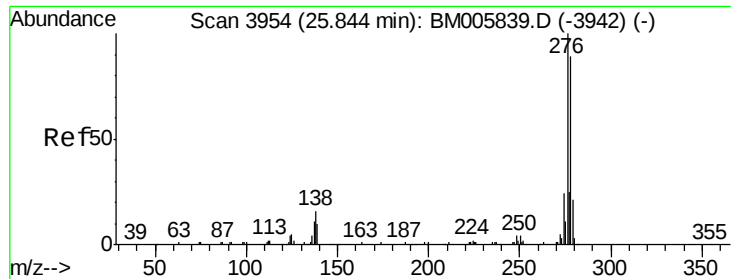


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

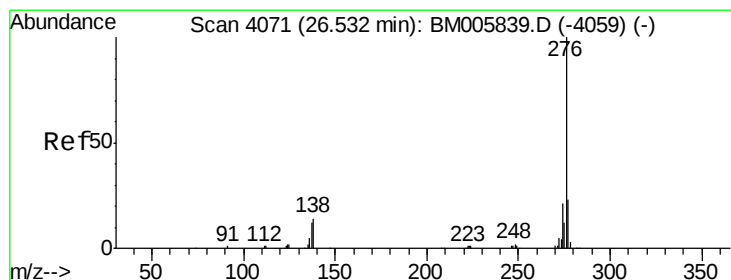
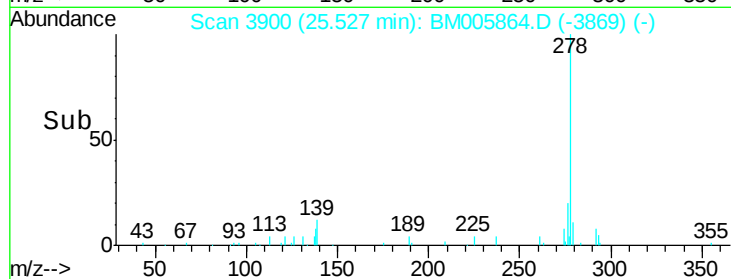
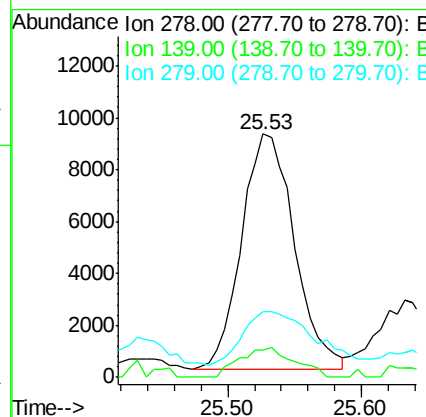
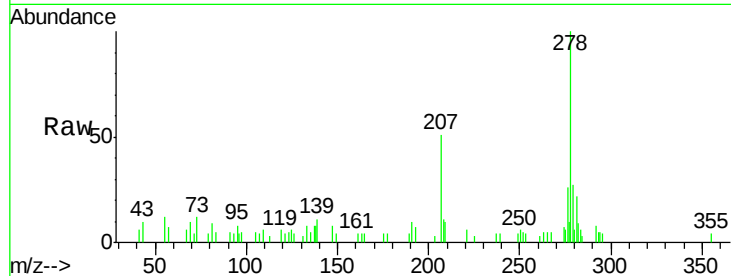




#40
Dibenzo(a,h)anthracene
Concen: 2.68 ng/ul
RT: 25.53 min Scan# 3900
Delta R.T. -0.32 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Instrument :
BNA_M
ClientSampleId :
D9Y05

Tgt Ion:278 Resp: 24958
Ion Ratio Lower Upper
278 100
139 11.4 8.2 12.4
279 27.1 18.6 27.8



#41
Benzo(g,h,i)perylene
Concen: 13.87 ng/ul
RT: 26.55 min Scan# 4074
Delta R.T. 0.02 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Tgt Ion:276 Resp: 133787
Ion Ratio Lower Upper
276 100
138 12.9 10.6 15.8
277 24.7 19.6 29.4

