

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
 Data File : BM005761.D
 Acq On : 12 Jun 2016 22:39
 Operator : UM/SJ
 Sample : H3536-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y17

Quant Time: Jun 13 03:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 13 03:29:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	103885	20.00	ng/ul	0.00
7) Naphthalene-d8	10.54	136	514572	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	292869	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	554849	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	409543	20.00	ng/ul	0.00
34) Perylene-d12	23.58	264	424330	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.19	96	3084	1.29	ng/uL	0.00
3) Phenol-d5	6.93	99	129224	14.41	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	96545	17.92	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	125053	17.25	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	72586	9.58	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	66404	17.91	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	74680	17.81	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	129524	17.03	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	163789	17.85	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	459855	19.04	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	591712	20.02	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	34131	9.66	ng/ul	0.00
21) Fluorene-d10	15.39	176	418441	20.46	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	12597	4.39	ng/ul	0.00
26) Anthracene-d10	17.24	188	513093	19.63	ng/ul	0.00
30) Pyrene-d10	19.53	212	448278	22.78	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	408941	21.13	ng/ul	0.00

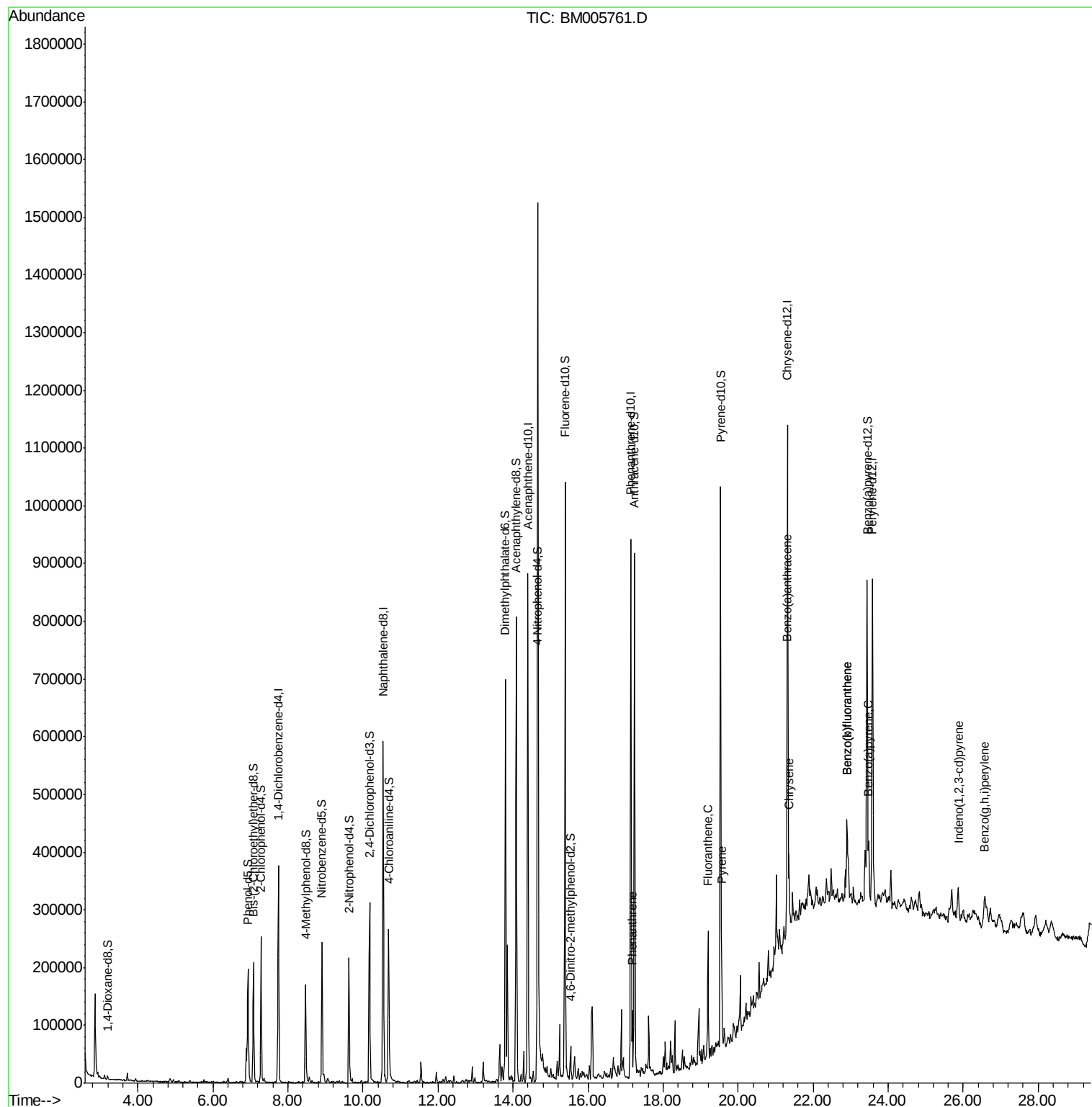
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Phenanthrene	17.18	178	63911	2.10	ng/ul	99
28) Fluoranthene	19.20	202	122393	3.43	ng/ul	98
31) Pyrene	19.56	202	112969	4.53	ng/ul	99
32) Benzo(a)anthracene	21.30	228	65371	2.76	ng/ul#	95
33) Chrysene	21.36	228	77955	3.34	ng/ul#	94
35) Benzo(b)fluoranthene	22.90	252	120677	4.79	ng/ul	96
36) Benzo(k)fluoranthene	22.90	252	120677	4.74	ng/ul#	94
38) Benzo(a)pyrene	23.49	252	75124	3.14	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.87	276	60496	2.59	ng/ul	96
41) Benzo(g,h,i)perylene	26.57	276	56979	2.92	ng/ul	96

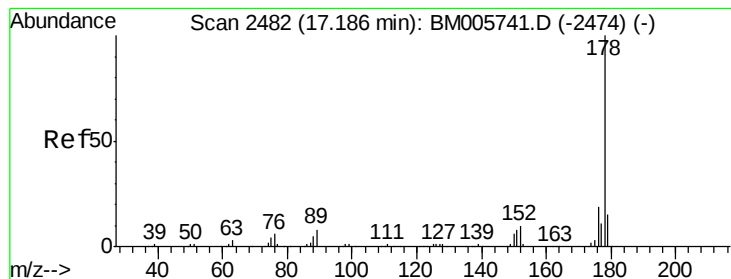
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 2.10 ng/ul

RT: 17.18 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM005761.D

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Instrument :

BNA_M

ClientSampleId :

D9Y17

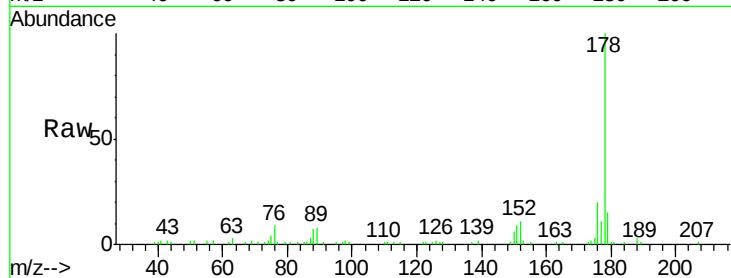
Tgt Ion:178 Resp: 63911

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

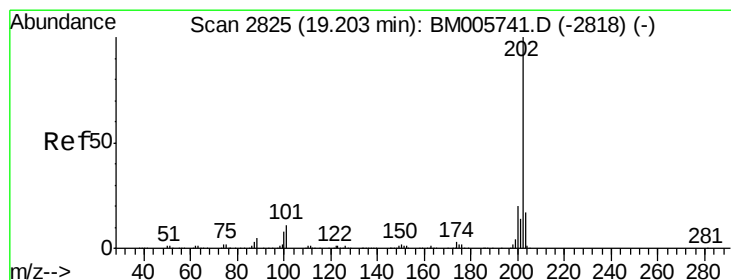
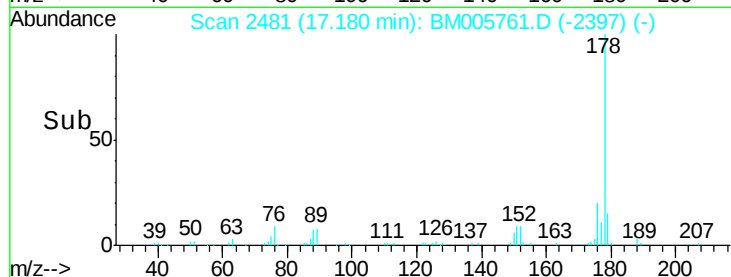
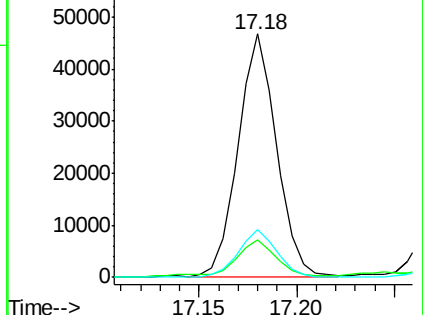
176 19.5 15.8 23.6



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: 3.43 ng/ul

RT: 19.20 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM005761.D

Acq: 12 Jun 2016 22:39

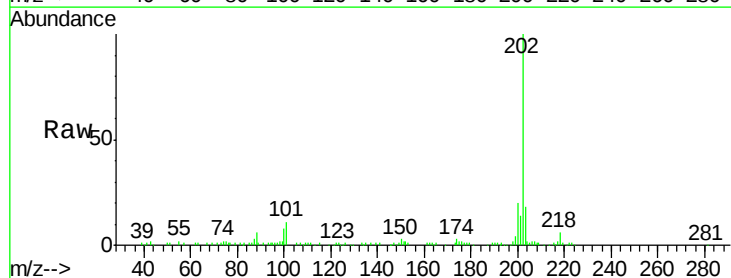
Tgt Ion:202 Resp: 122393

Ion Ratio Lower Upper

202 100

101 11.0 9.4 14.2

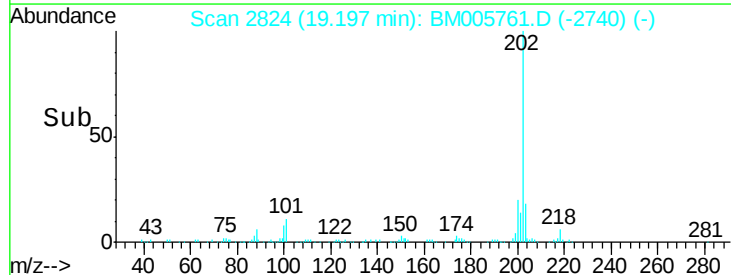
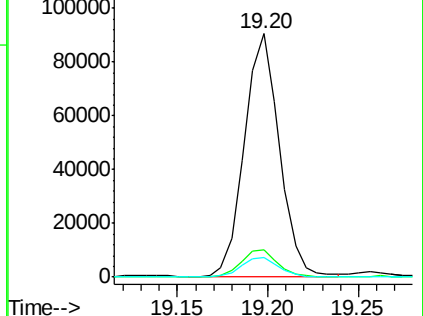
100 8.0 6.9 10.3

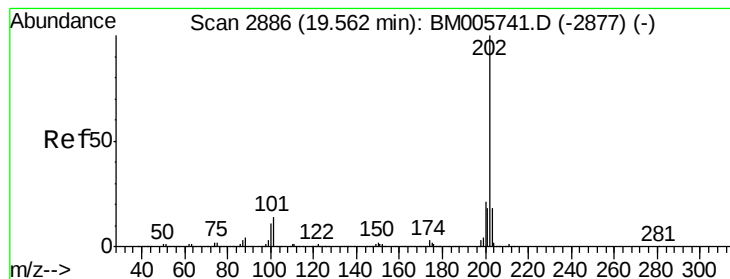


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 4.53 ng/ul

RT: 19.56 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BM005761.D

Acq: 12 Jun 2016 22:39

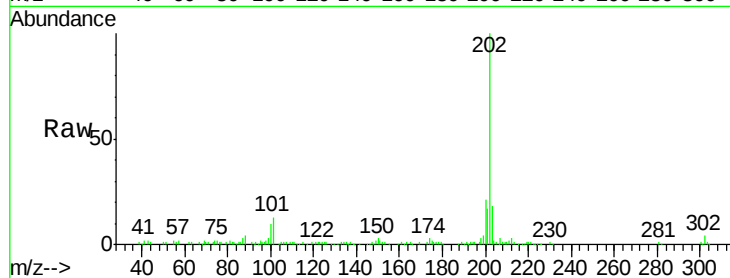
Instrument :

BNA_M

ClientSampleId :

D9Y17

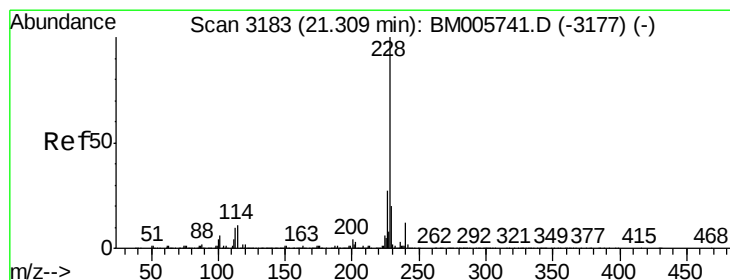
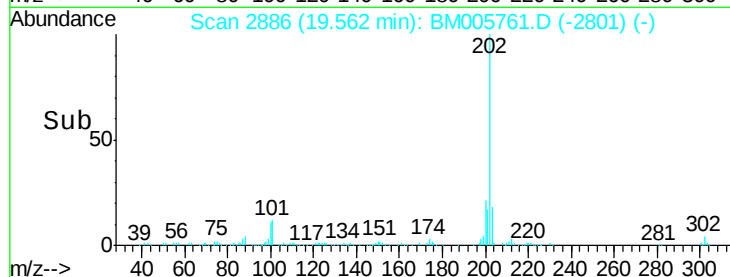
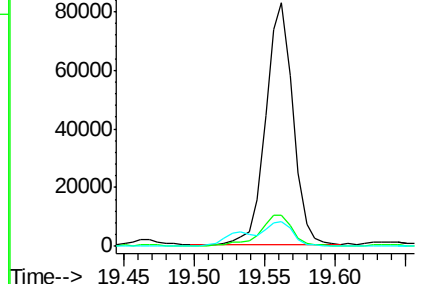
Tgt Ion:	202	Resp:	112969
Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
100	10.4	8.4	12.6



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: 2.76 ng/ul

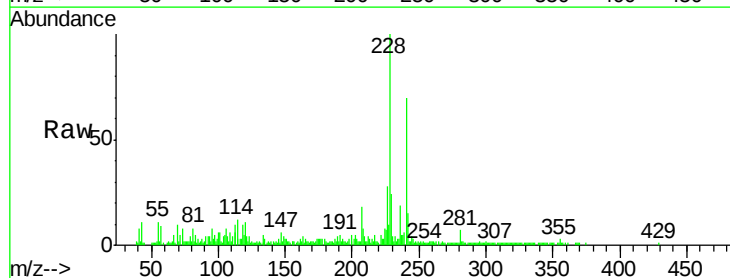
RT: 21.30 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BM005761.D

Acq: 12 Jun 2016 22:39

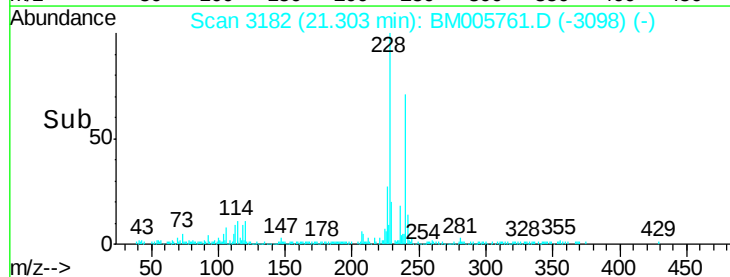
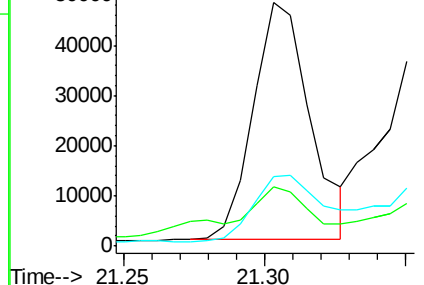
Tgt Ion:	228	Resp:	65371
Ion	Ratio	Lower	Upper
228	100		
229	24.4	16.1	24.1#
226	28.5	22.1	33.1

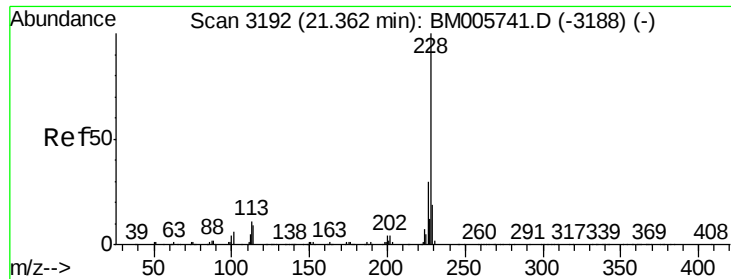


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 3.34 ng/ul

RT: 21.36 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BM005761.D

Acq: 12 Jun 2016 22:39

Instrument :

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ClientSampleId :

D9Y17

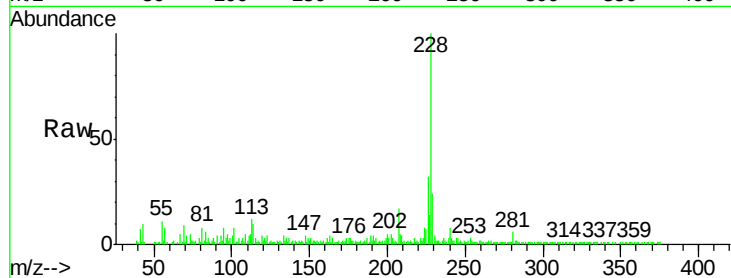
Tgt Ion:228 Resp: 77955

Ion Ratio Lower Upper

228 100

226 32.0 24.2 36.2

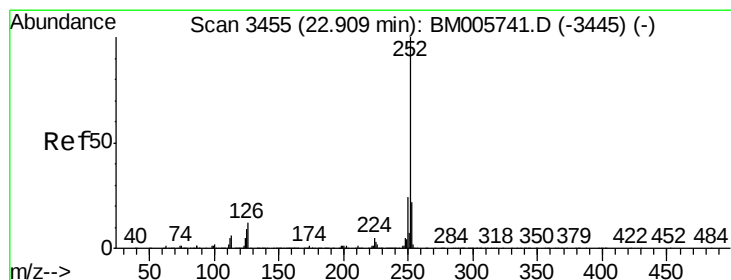
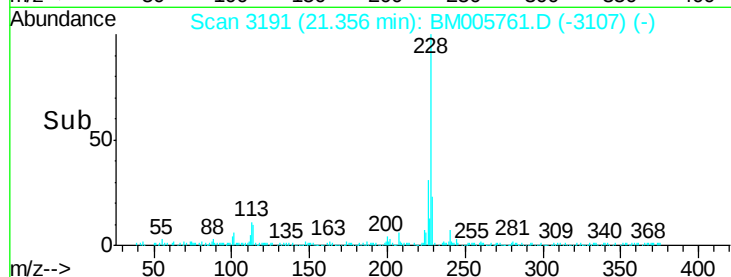
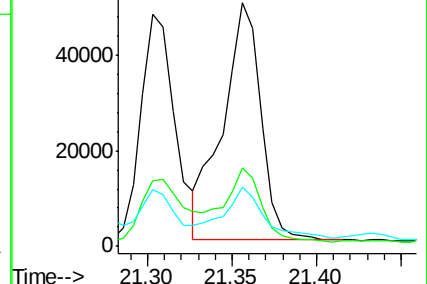
229 24.4 15.8 23.8#



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: 4.79 ng/ul

RT: 22.90 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM005761.D

Acq: 12 Jun 2016 22:39

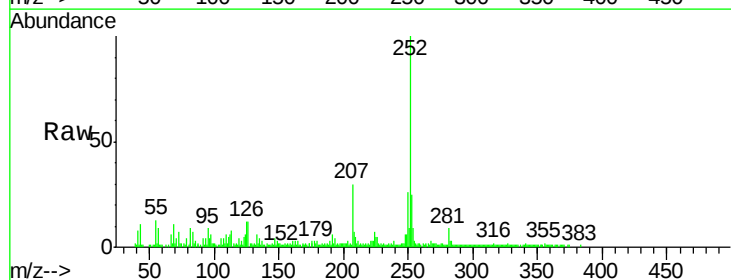
Tgt Ion:252 Resp: 120677

Ion Ratio Lower Upper

252 100

253 24.7 18.2 27.2

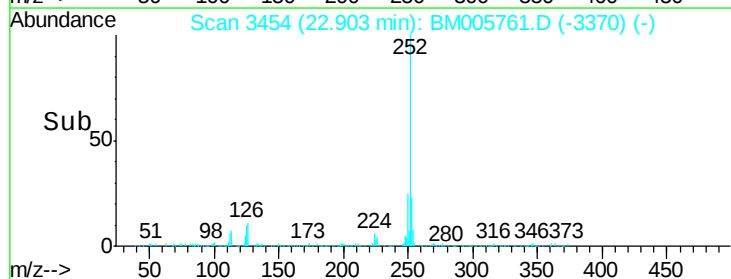
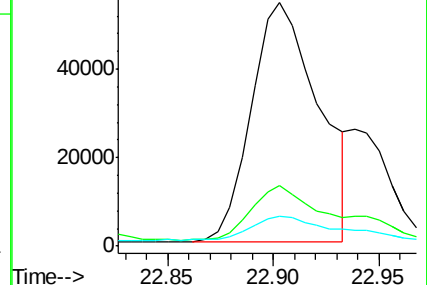
125 12.4 8.4 12.6

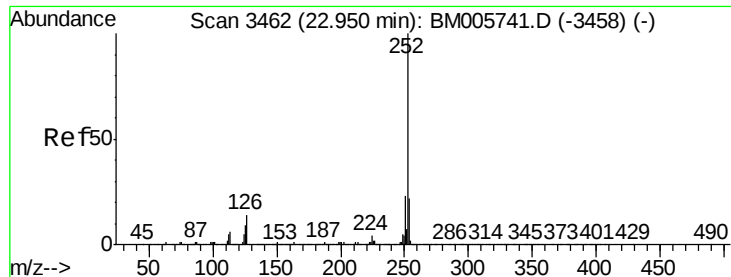


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 4.74 ng/ul

RT: 22.90 min Scan# 3454

Delta R.T. -0.05 min

Lab File: BM005761.D

Acq: 12 Jun 2016 22:39

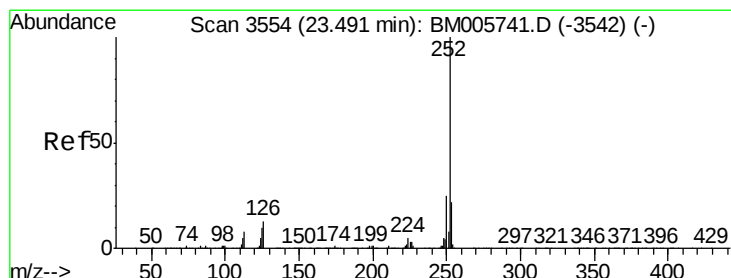
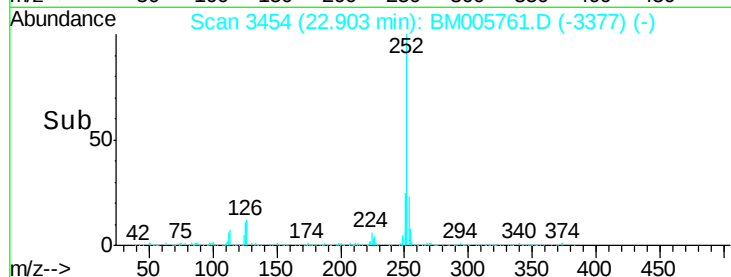
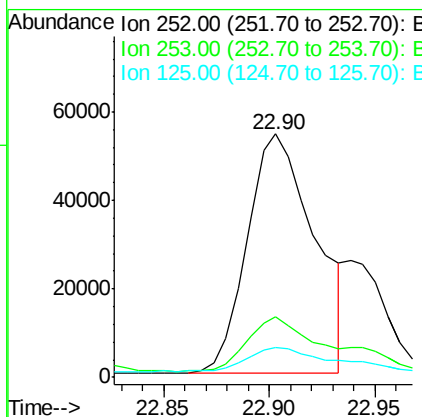
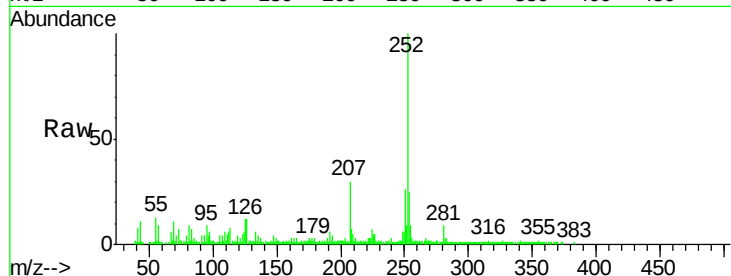
Instrument :

BNA_M

ClientSampleId :

D9Y17

Tgt Ion:	252	Resp:	120677
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	12.4	8.2	12.2#



#38

Benzo(a)pyrene

Concen: 3.14 ng/ul

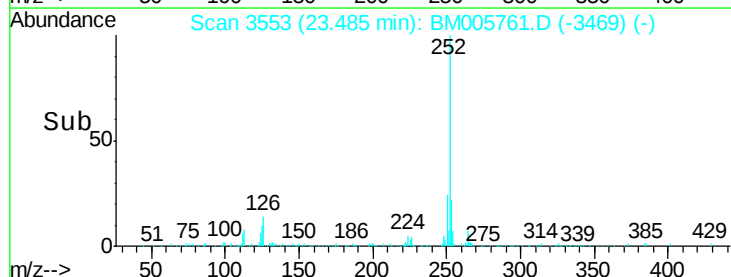
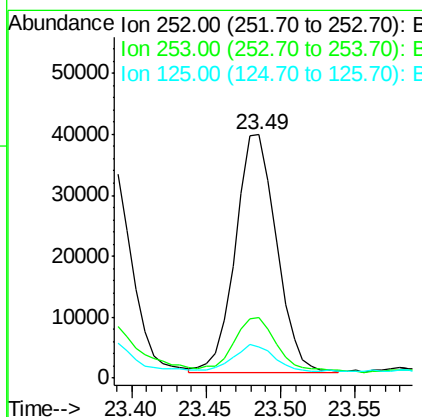
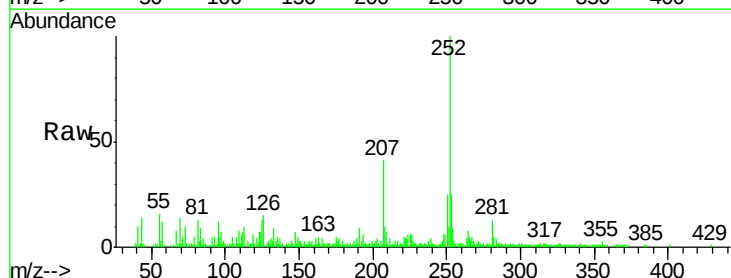
RT: 23.49 min Scan# 3553

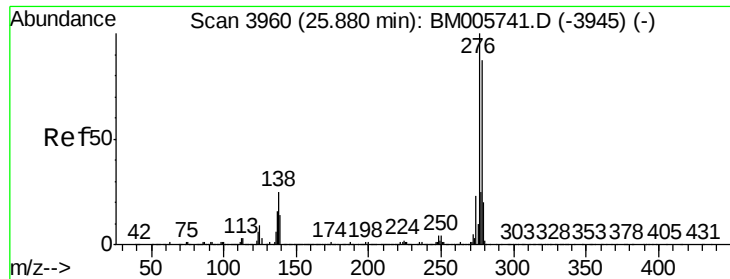
Delta R.T. -0.01 min

Lab File: BM005761.D

Acq: 12 Jun 2016 22:39

Tgt Ion:	252	Resp:	75124
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	12.9	9.1	13.7





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.59 ng/ul

RT: 25.87 min Scan# 3959

Delta R.T. -0.01 min

Lab File: BM005761.D

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Instrument :

BNA_M

ClientSampleId :

D9Y17

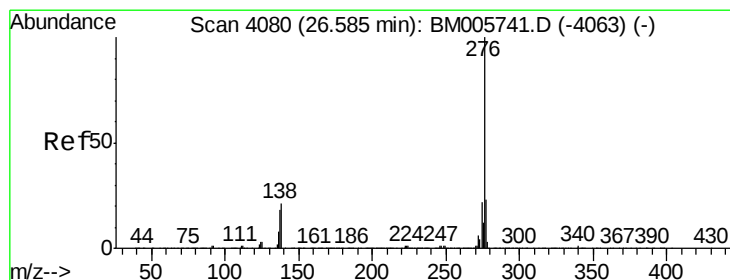
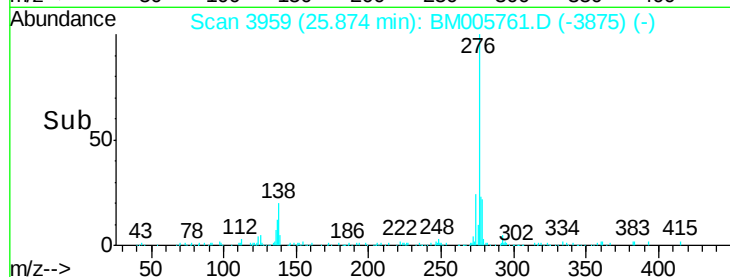
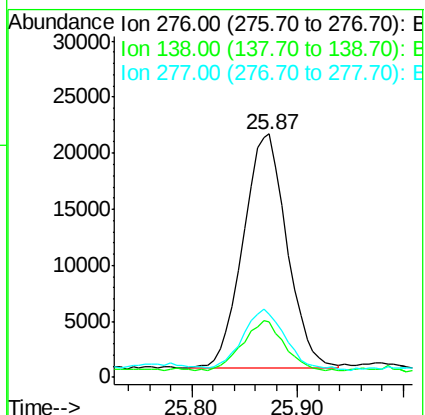
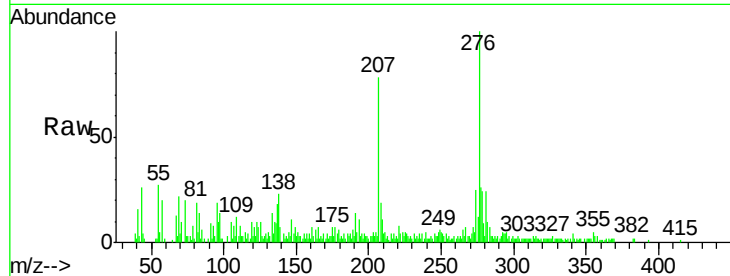
Tgt Ion:276 Resp: 60496

Ion Ratio Lower Upper

276 100

138 22.6 21.4 32.2

277 25.8 20.5 30.7



#41

Benzo(g,h,i)perylene

Concen: 2.92 ng/ul

RT: 26.57 min Scan# 4078

Delta R.T. -0.01 min

Lab File: BM005761.D

Acq: 12 Jun 2016 22:39

Tgt Ion:276 Resp: 56979

Ion Ratio Lower Upper

276 100

138 21.6 18.2 27.4

277 27.3 19.5 29.3

