

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006035.D
 Acq On : 26 Jun 2016 12:00
 Operator : UM/SJ
 Sample : H3669-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y65

Quant Time: Jun 27 05:15:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 27 05:15:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	161707	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	830453	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	573463	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1481199	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1865999	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1857568	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	4577	1.26	ng/uL	0.00
3) Phenol-d5	6.82	99	214935	12.63	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	128815	13.61	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	156683	13.22	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	168046	11.70	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	80652	12.76	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	88753	12.62	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	186034	13.78	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	196103	13.39	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	655428	13.35	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	811125	14.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	111099	10.61	ng/ul	0.00
21) Fluorene-d10	15.30	176	617432	14.73	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	77218	9.39	ng/ul	0.00
26) Anthracene-d10	17.15	188	1007205	14.80	ng/ul	0.00
30) Pyrene-d10	19.45	212	1238388	15.15	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1244938	14.84	ng/ul	0.00

Target Compounds

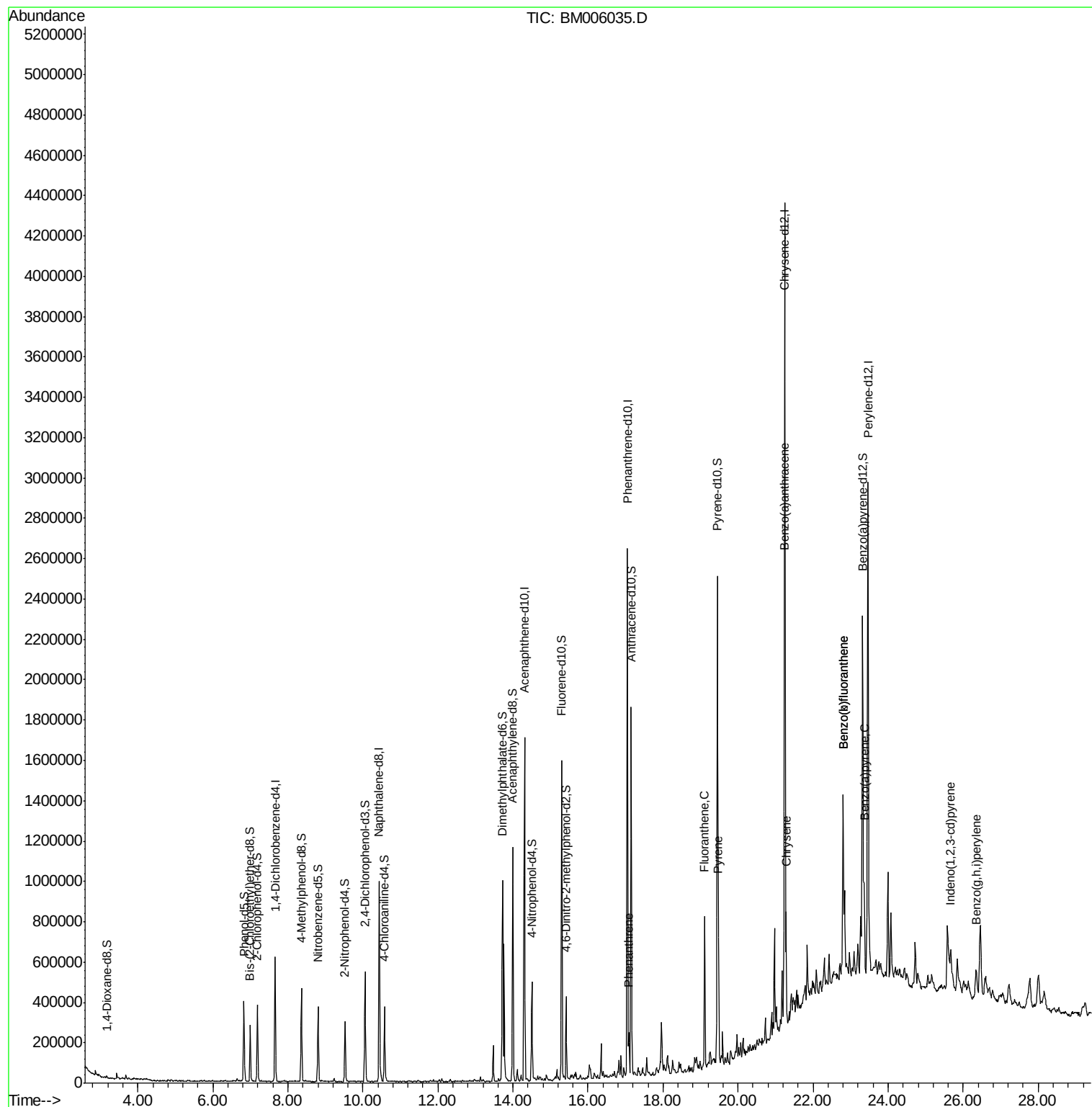
						Qvalue
25) Phenanthrene	17.09	178	124698	1.57	ng/ul	100
28) Fluoranthene	19.11	202	437105	4.28	ng/ul	98
31) Pyrene	19.47	202	370637	3.47	ng/ul	98
32) Benzo(a)anthracene	21.23	228	279025	2.52	ng/ul	97
33) Chrysene	21.28	228	312125	3.08	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	471266	4.37	ng/ul#	95
36) Benzo(k)fluoranthene	22.80	252	471266	4.69	ng/ul#	96
38) Benzo(a)pyrene	23.36	252	279558	2.70	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.67	276	201440	1.63	ng/ul	97
41) Benzo(g,h,i)perylene	26.34	276	179012	1.68	ng/ul	97

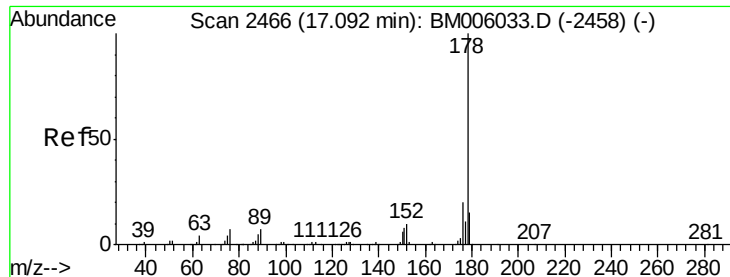
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.57 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM006035.D

Acq: 26 Jun 2016 12:00

Instrument :

BNA_M

ClientSampleId :

D9Y65

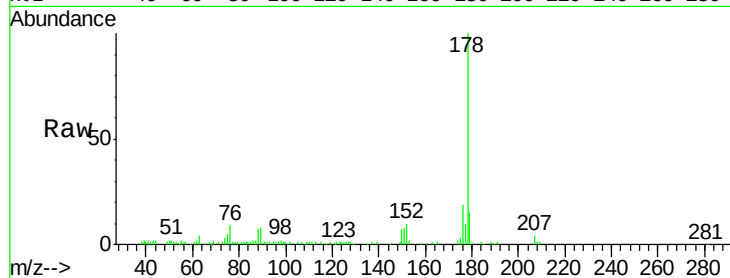
Tgt Ion:178 Resp: 124698

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

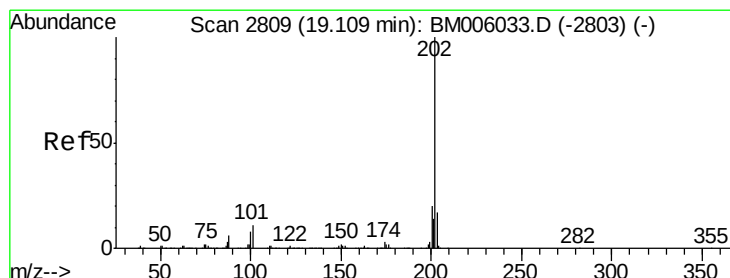
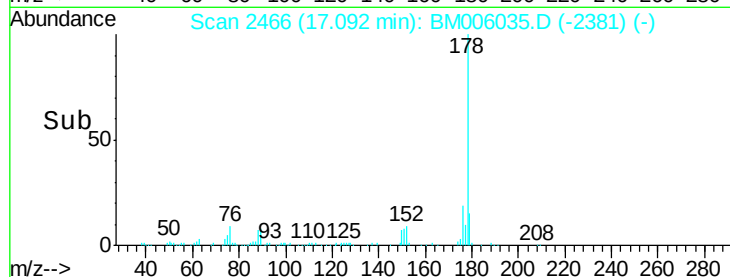
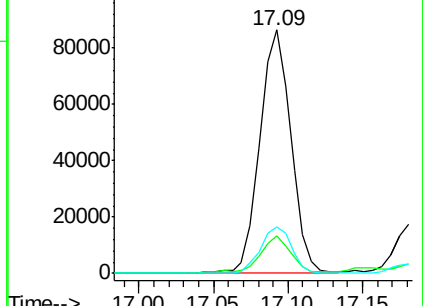
176 19.1 15.4 23.0



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: 4.28 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BM006035.D

Acq: 26 Jun 2016 12:00

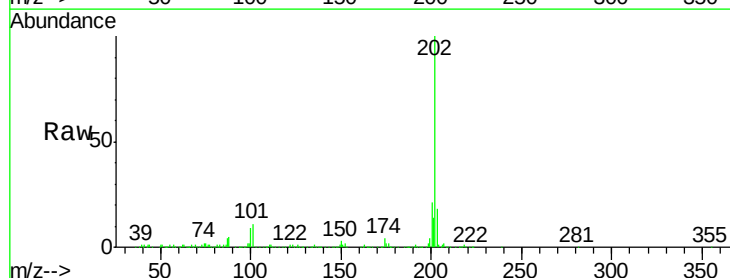
Tgt Ion:202 Resp: 437105

Ion Ratio Lower Upper

202 100

101 10.9 8.2 12.4

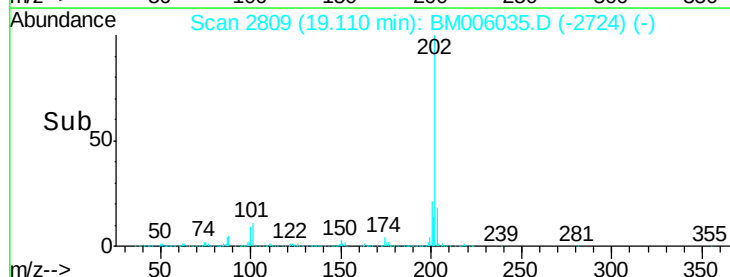
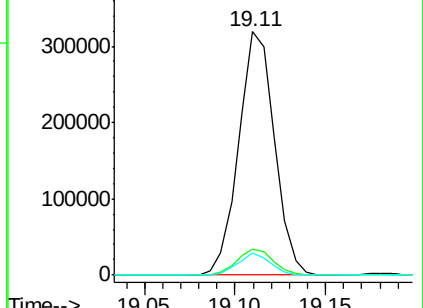
100 9.0 6.3 9.5

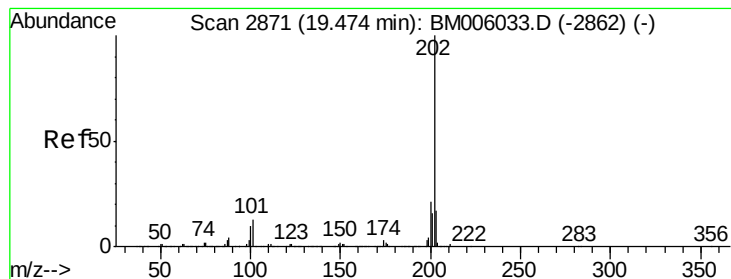


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 3.47 ng/ul

RT: 19.47 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BM006035.D

Acq: 26 Jun 2016 12:00

Instrument :

BNA_M

ClientSampleId :

D9Y65

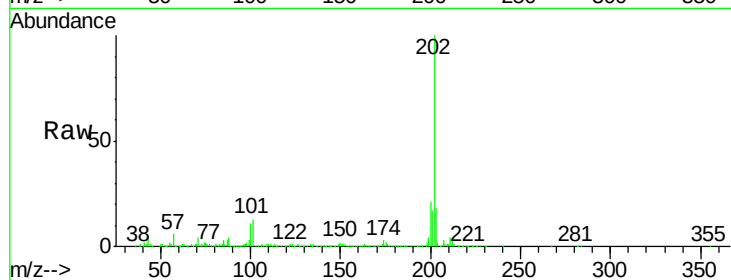
Tgt Ion:202 Resp: 370637

Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.6

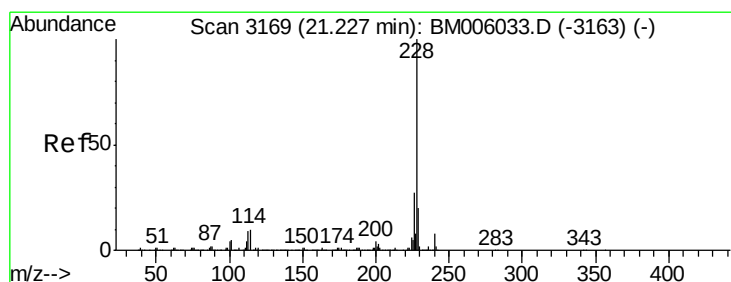
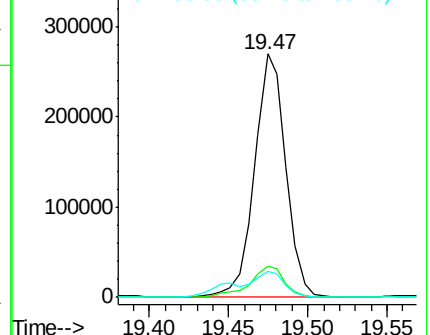
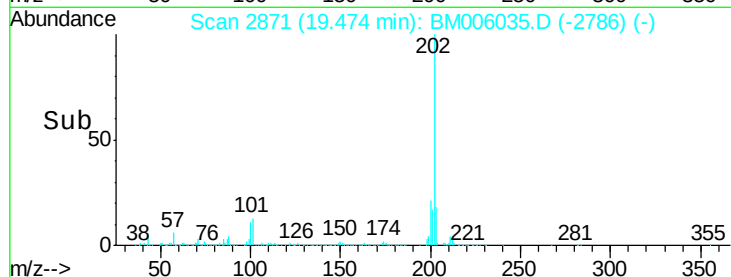
100 10.9 8.2 12.2



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: 2.52 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BM006035.D

Acq: 26 Jun 2016 12:00

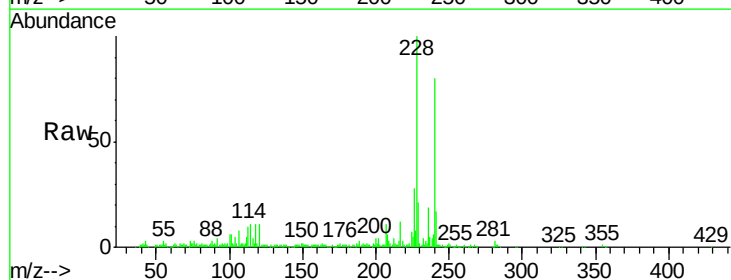
Tgt Ion:228 Resp: 279025

Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

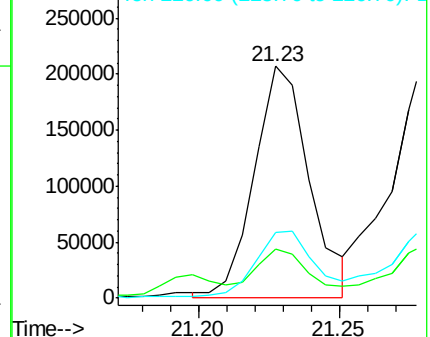
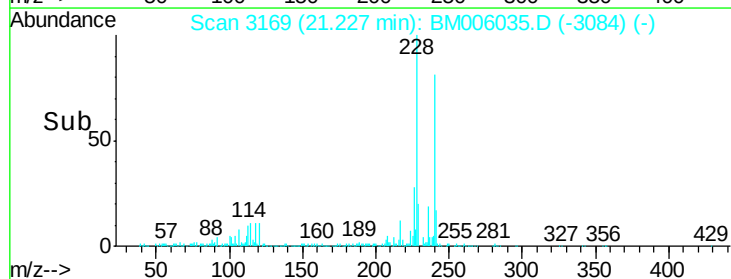
226 28.2 21.5 32.3

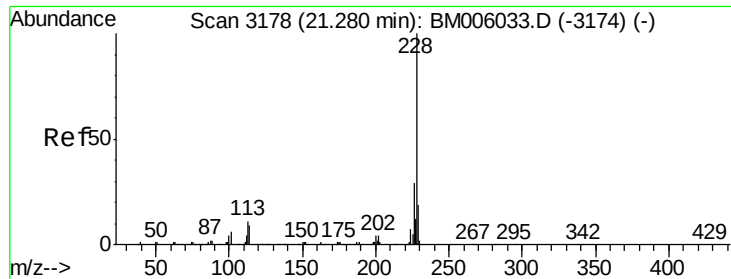


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 3.08 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BM006035.D

Acq: 26 Jun 2016 12:00

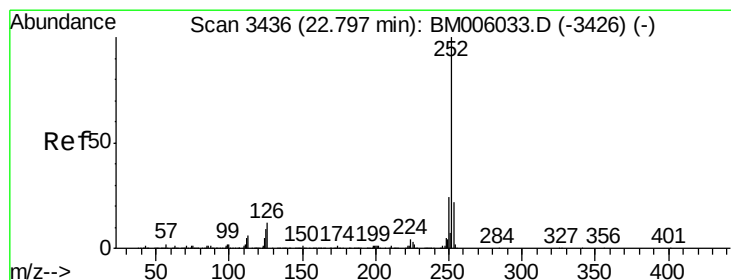
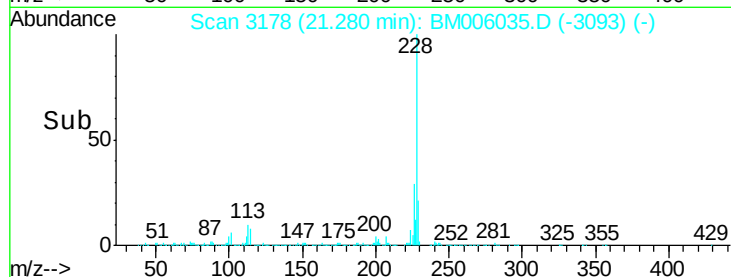
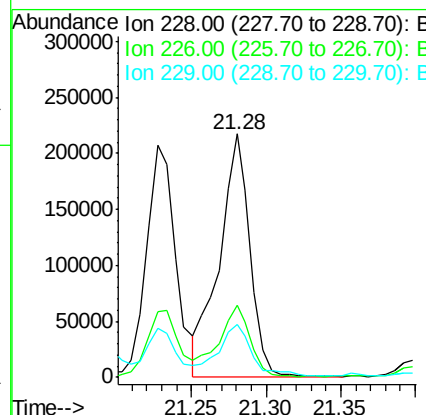
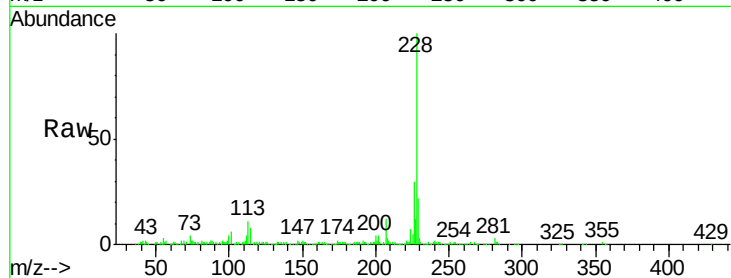
Instrument :

BNA_M

ClientSampleId :

D9Y65

Tgt Ion:	228	Resp:	312125
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	21.8	15.4	23.2



#35

Benzo(b)fluoranthene

Concen: 4.37 ng/ul

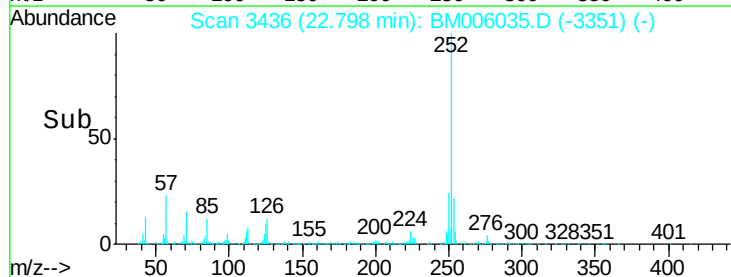
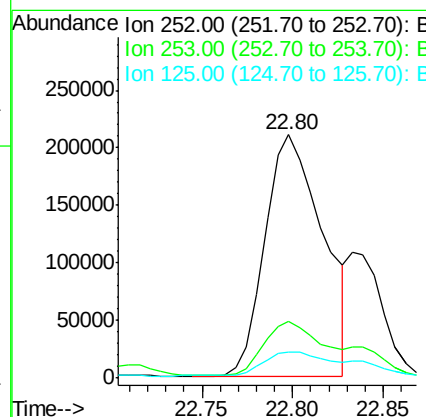
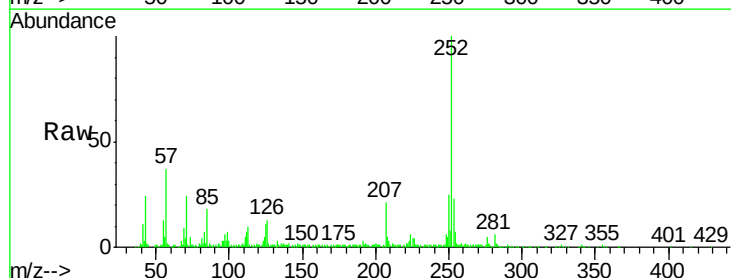
RT: 22.80 min Scan# 3436

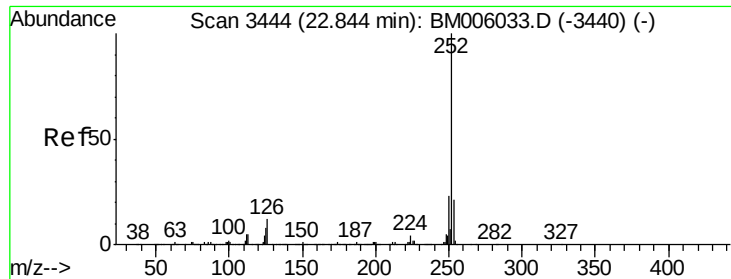
Delta R.T. 0.00 min

Lab File: BM006035.D

Acq: 26 Jun 2016 12:00

Tgt Ion:	252	Resp:	471266
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	10.9	6.8	10.2#

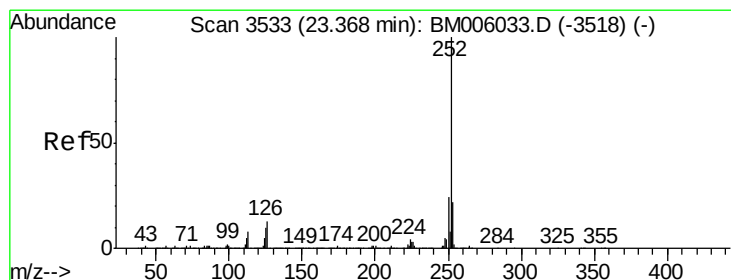
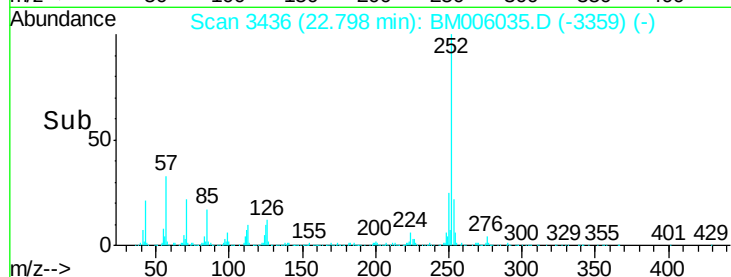
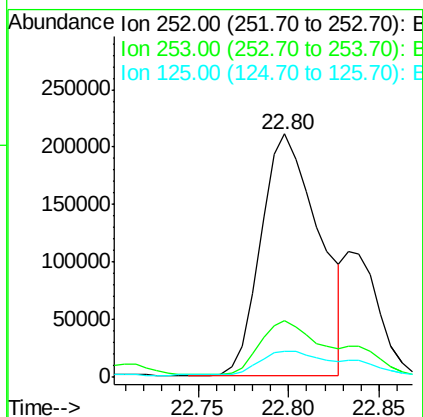
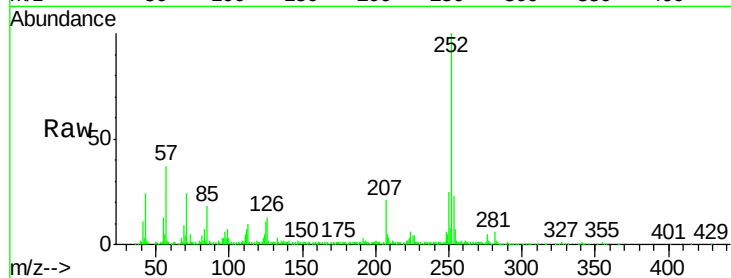




#36
Benzo(k)fluoranthene
Concen: 4.69 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006035.D
Acq: 26 Jun 2016 12:00

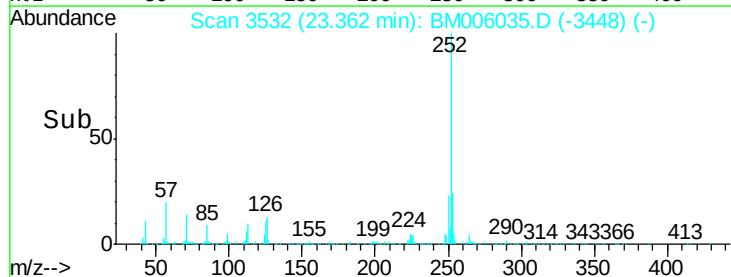
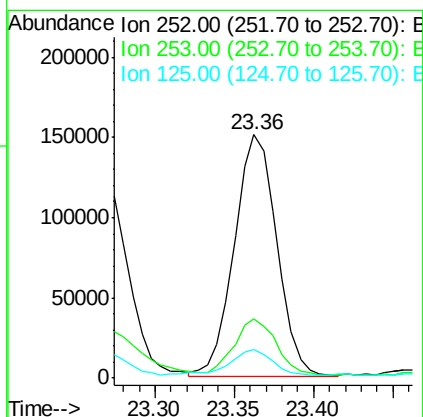
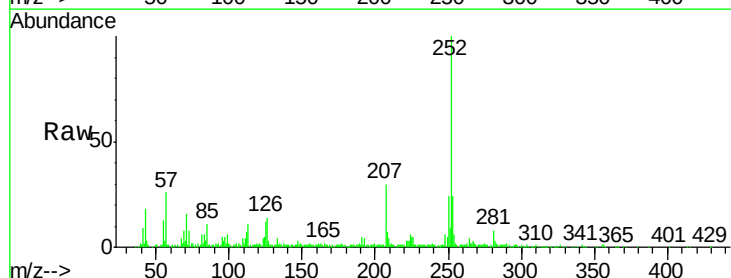
Instrument :
BNA_M
ClientSampled :
D9Y65

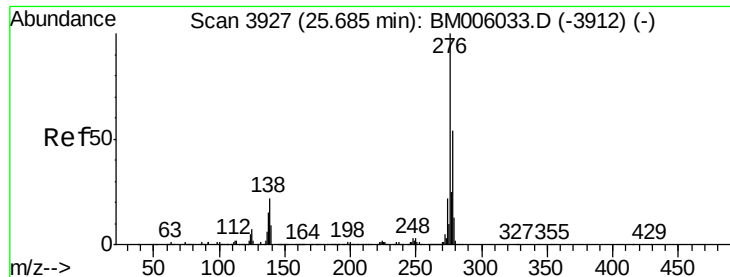
Tgt Ion:252 Resp: 471266
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 10.9 7.0 10.4#



#38
Benzo(a)pyrene
Concen: 2.70 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006035.D
Acq: 26 Jun 2016 12:00

Tgt Ion:252 Resp: 279558
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 11.7 7.8 11.6#





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.63 ng/ul

RT: 25.67 min Scan# 3924

Delta R.T. -0.02 min

Lab File: BM006035.D

Acq: 26 Jun 2016 12:00

Instrument :

BNA_M

ClientSampleId :

D9Y65

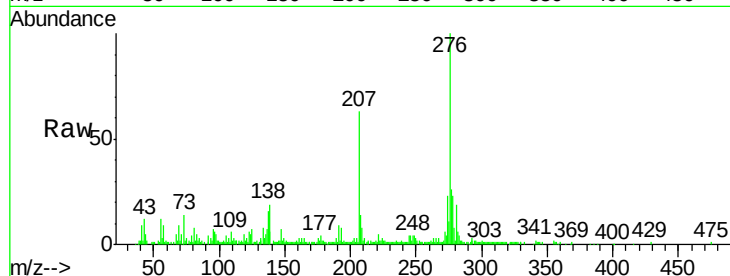
Tgt Ion: 276 Resp: 201440

Ion Ratio Lower Upper

276 100

138 18.6 16.6 25.0

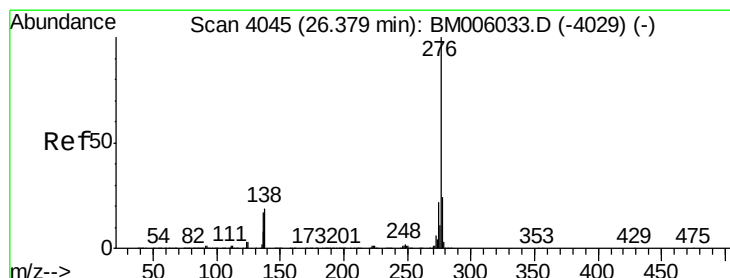
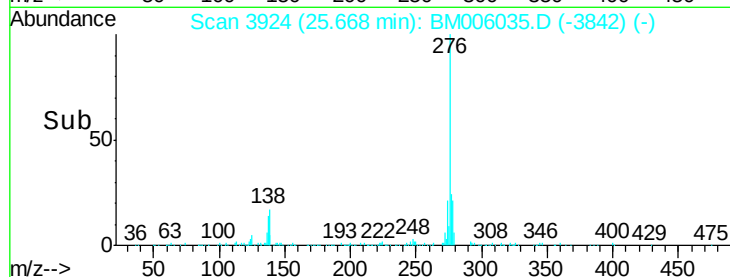
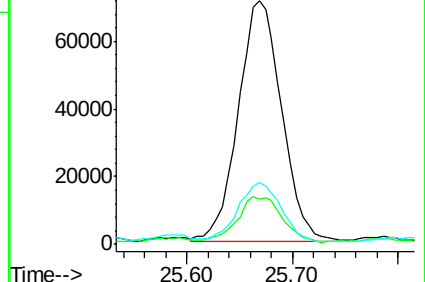
277 25.5 19.6 29.4



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



#41

Benzo(g,h,i)perylene

Concen: 1.68 ng/ul

RT: 26.34 min Scan# 4039

Delta R.T. -0.03 min

Lab File: BM006035.D

Acq: 26 Jun 2016 12:00

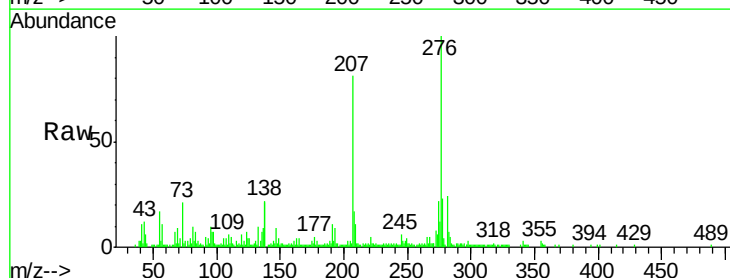
Tgt Ion: 276 Resp: 179012

Ion Ratio Lower Upper

276 100

138 21.7 15.9 23.9

277 22.9 19.2 28.8



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

