

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006629.D
 Acq On : 22 Jul 2016 17:58
 Operator : UM/SJ
 Sample : H4076-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YQ2

Quant Time: Jul 23 00:18:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 23 00:16:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	181031	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	783030	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	436116	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	977296	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1061302	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1086081	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	9527	2.13	ng/uL	0.00
3) Phenol-d5	6.80	99	391924	25.45	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	245984	25.78	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	308766	25.09	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	265472	22.23	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	151487	25.56	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	166962	26.49	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	294305	24.71	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	299585	22.84	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	871810	25.50	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1143285	26.19	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	124929	21.04	ng/ul	0.00
21) Fluorene-d10	15.27	176	802297	26.23	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	68988	13.60	ng/ul	0.00
26) Anthracene-d10	17.12	188	1202345	25.91	ng/ul	0.00
30) Pyrene-d10	19.42	212	1340569	27.72	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1312191	26.27	ng/ul	0.00

Target Compounds

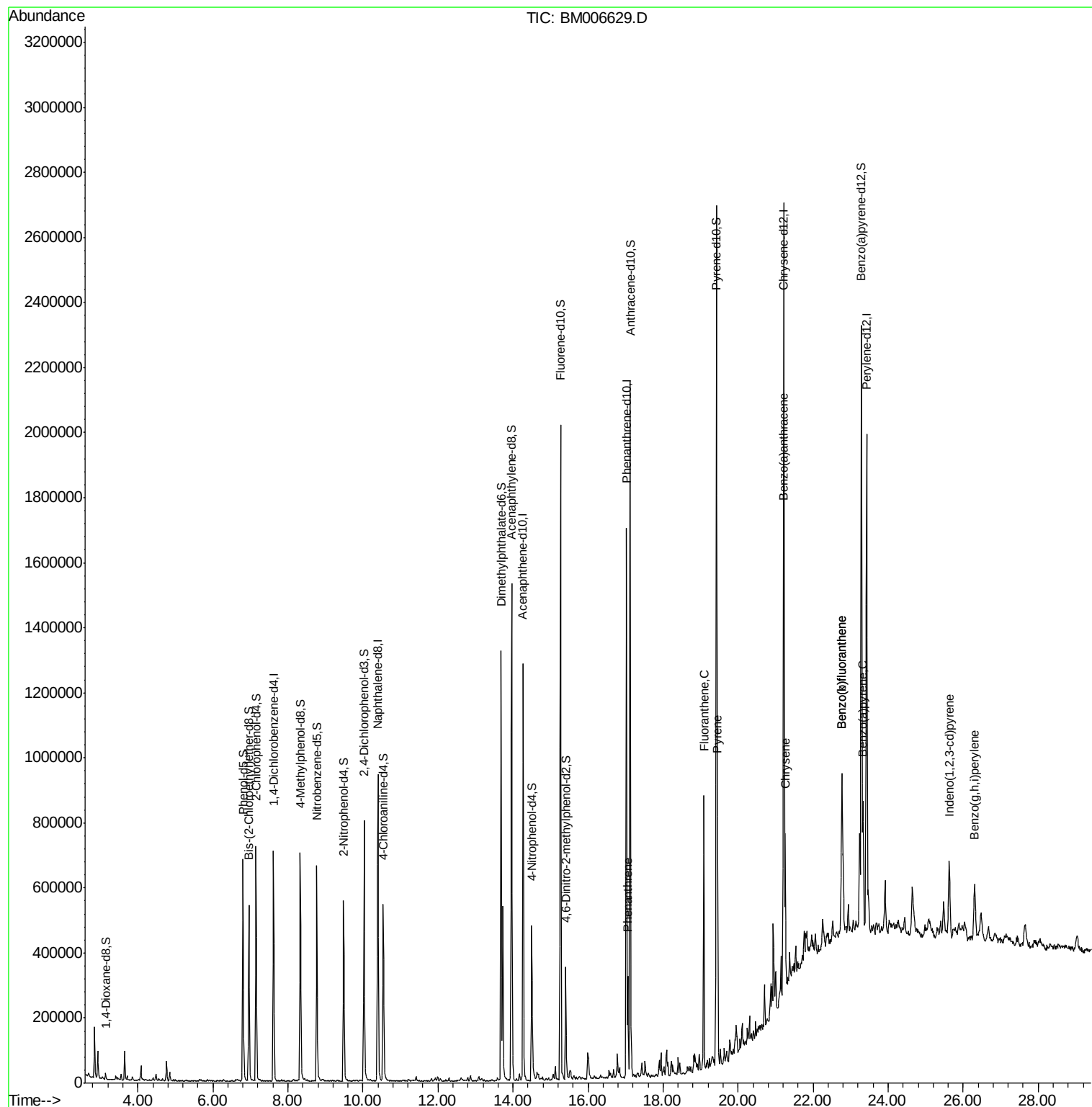
						Qvalue
25) Phenanthrene	17.06	178	184439	3.36	ng/ul	99
28) Fluoranthene	19.09	202	514556	7.97	ng/ul	100
31) Pyrene	19.45	202	451995	7.03	ng/ul	97
32) Benzo(a)anthracene	21.20	228	276252	4.29	ng/ul	98
33) Chrysene	21.26	228	276315	4.66	ng/ul	97
35) Benzo(b)fluoranthene	22.77	252	429457	6.60	ng/ul	99
36) Benzo(k)fluoranthene	22.77	252	429457	6.82	ng/ul	98
38) Benzo(a)pyrene	23.33	252	279550	4.41	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.63	276	220575	3.01	ng/ul	97
41) Benzo(g,h,i)perylene	26.30	276	218821	3.48	ng/ul#	96

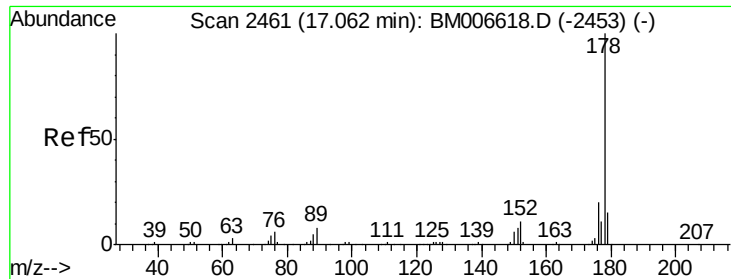
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006629.D
Acq On : 22 Jul 2016 17:58
Operator : UM/SJ
Sample : H4076-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YQ2

Quant Time: Jul 23 00:18:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 3.36 ng/ul

RT: 17.06 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BM006629.D

Acq: 22 Jul 2016 17:58

Instrument :

BNA_M

ClientSampleId :

D9YQ2

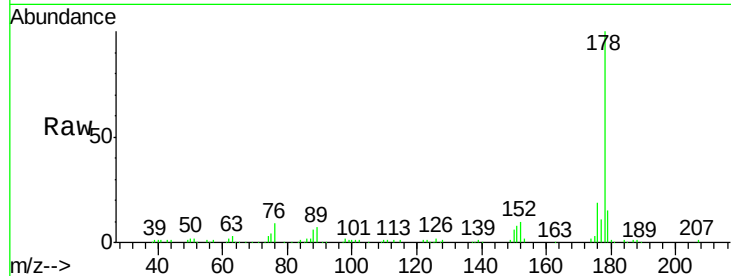
Tgt Ion:178 Resp: 184439

Ion Ratio Lower Upper

178 100

179 14.6 11.8 17.8

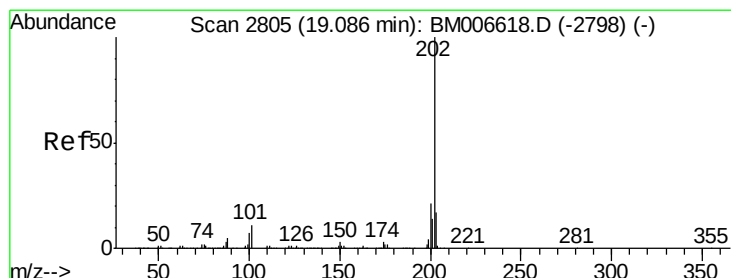
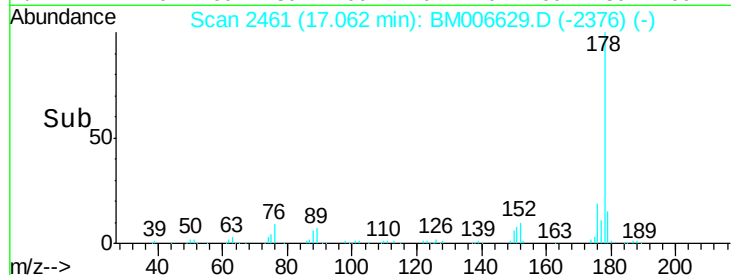
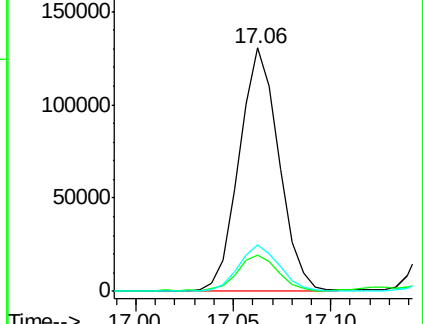
176 19.2 14.8 22.2



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: 7.97 ng/ul

RT: 19.09 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM006629.D

Acq: 22 Jul 2016 17:58

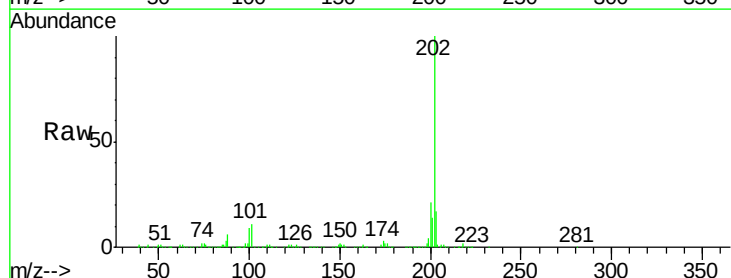
Tgt Ion:202 Resp: 514556

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

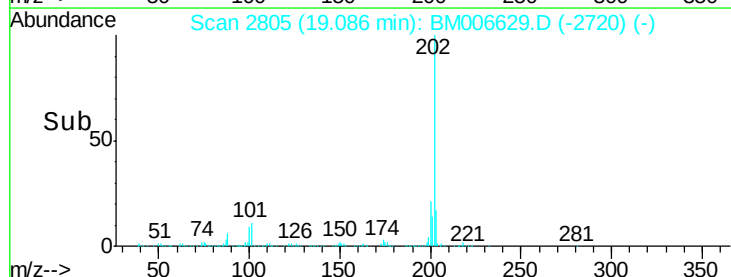
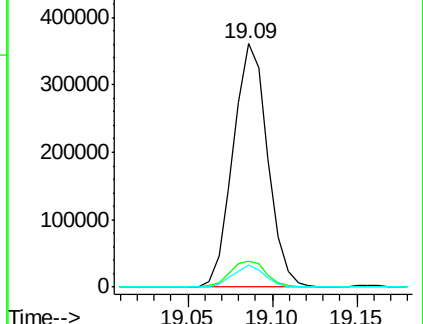
100 8.9 7.0 10.4

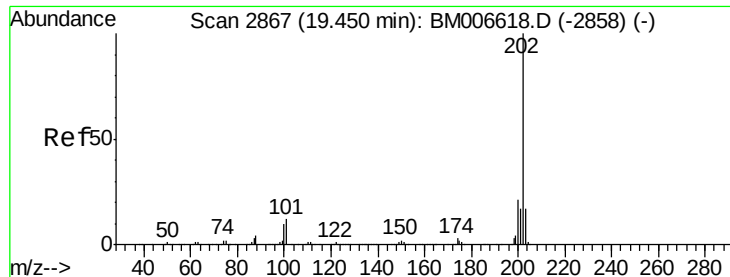


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 7.03 ng/ul

RT: 19.45 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BM006629.D

Acq: 22 Jul 2016 17:58

Instrument :

BNA_M

ClientSampleId :

D9YQ2

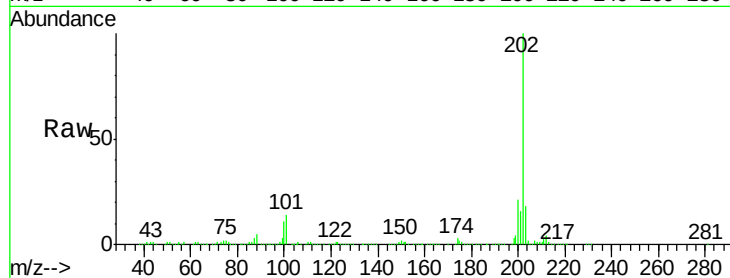
Tgt Ion:202 Resp: 451995

Ion Ratio Lower Upper

202 100

101 13.6 9.8 14.8

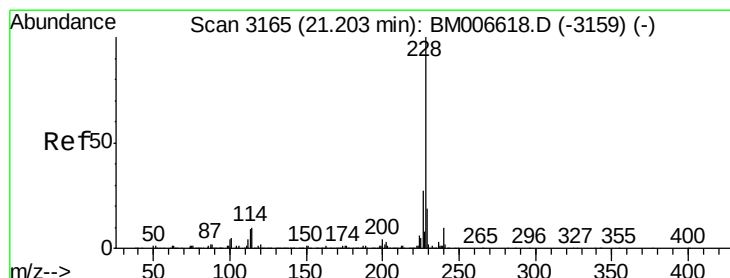
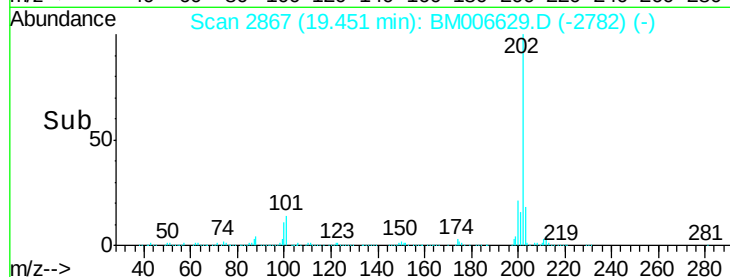
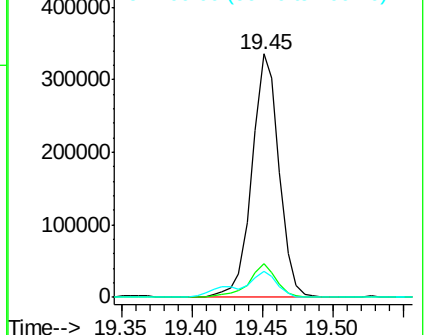
100 10.5 9.3 13.9



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: 4.29 ng/ul

RT: 21.20 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BM006629.D

Acq: 22 Jul 2016 17:58

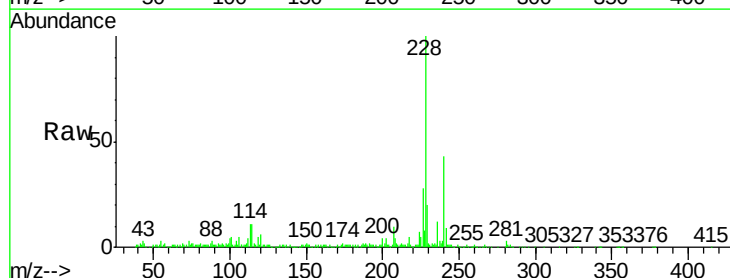
Tgt Ion:228 Resp: 276252

Ion Ratio Lower Upper

228 100

229 20.0 16.6 25.0

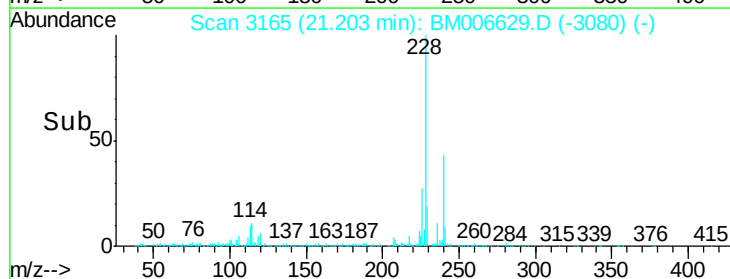
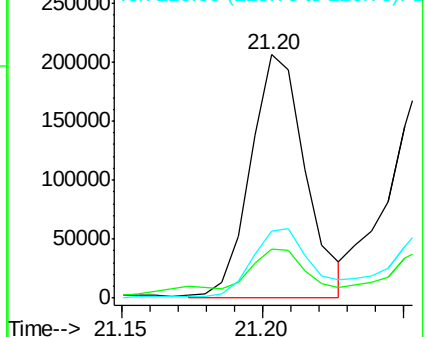
226 27.6 21.0 31.4

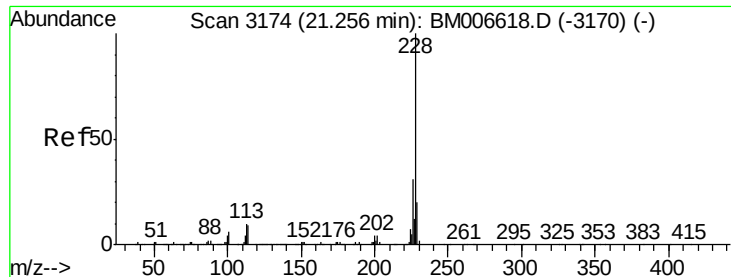


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 4.66 ng/ul

RT: 21.26 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BM006629.D

Acq: 22 Jul 2016 17:58

Instrument :

BNA_M

ClientSampled :

D9YQ2

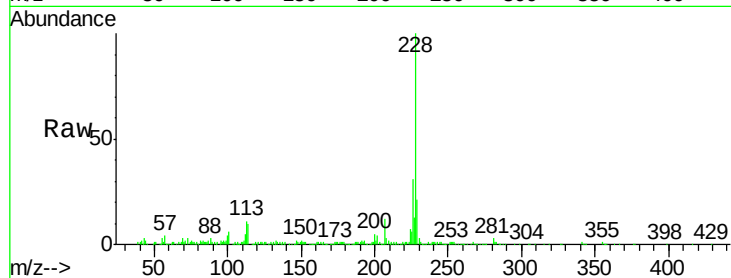
Tgt Ion: 228 Resp: 276315

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

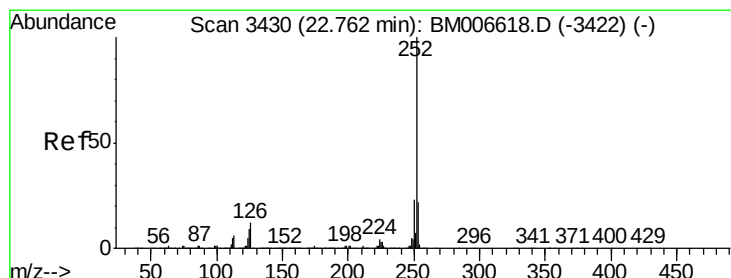
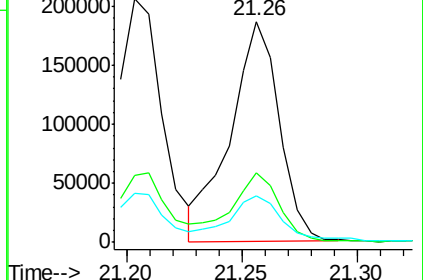
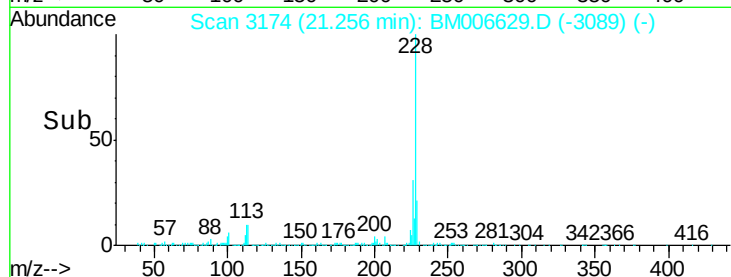
229 21.3 16.2 24.2



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: 6.60 ng/ul

RT: 22.77 min Scan# 3431

Delta R.T. 0.01 min

Lab File: BM006629.D

Acq: 22 Jul 2016 17:58

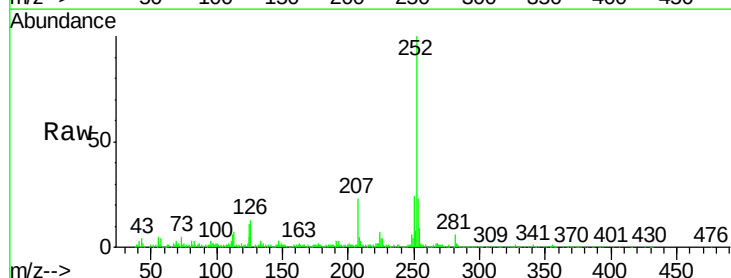
Tgt Ion: 252 Resp: 429457

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

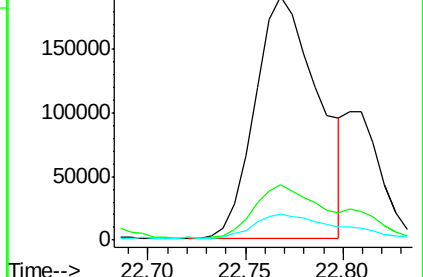
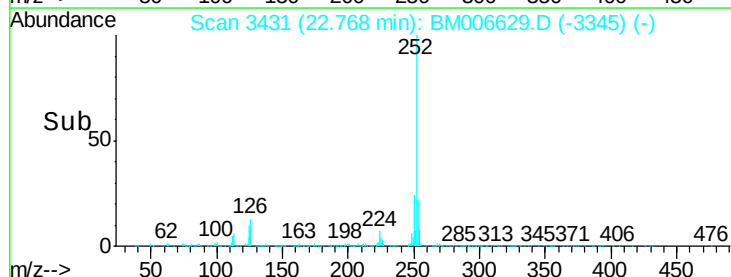
125 10.6 7.6 11.4

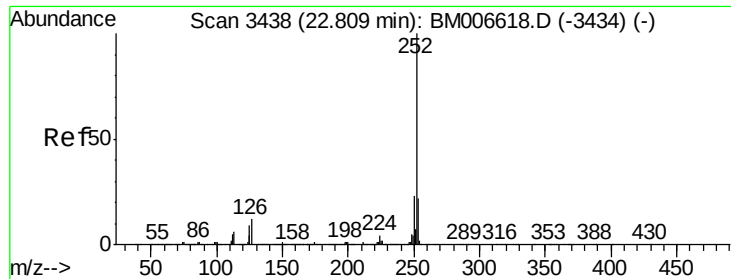


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

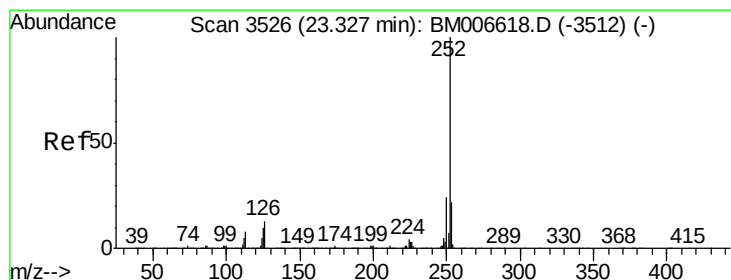
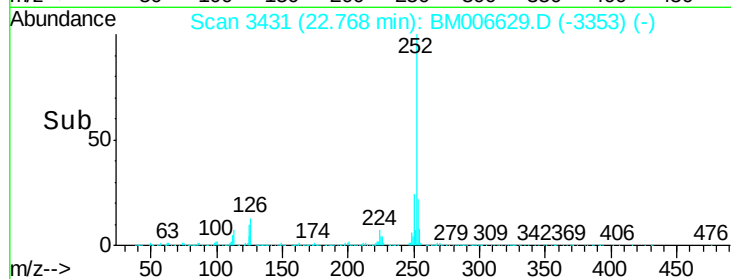
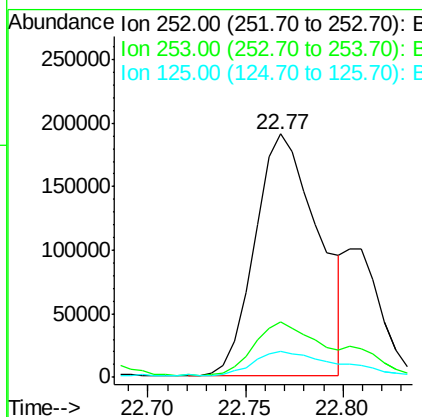
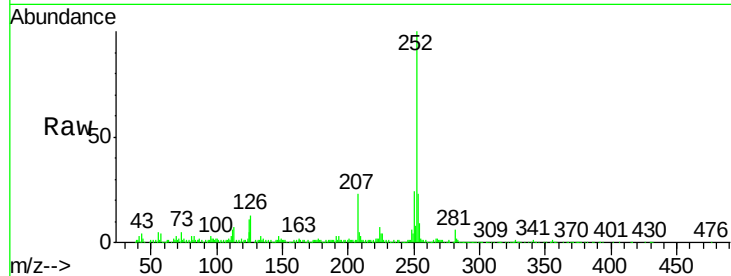




#36
Benzo(k)fluoranthene
Concen: 6.82 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. -0.04 min
Lab File: BM006629.D
Acq: 22 Jul 2016 17:58

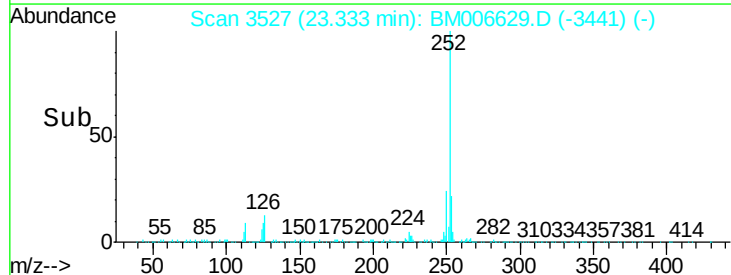
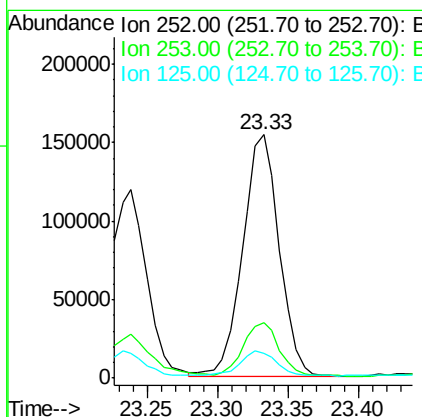
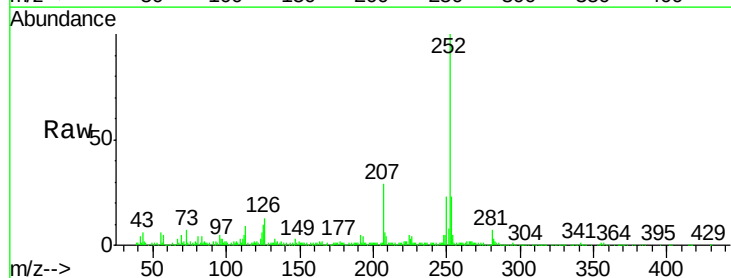
Instrument :
BNA_M
ClientSampleId :
D9YQ2

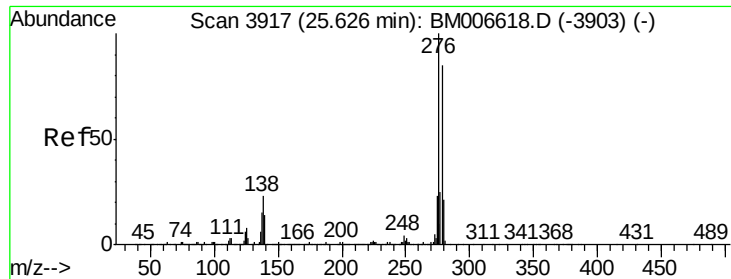
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.6	7.7	11.5



#38
Benzo(a)pyrene
Concen: 4.41 ng/ul
RT: 23.33 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BM006629.D
Acq: 22 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.3	8.2	12.2





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.01 ng/ul

RT: 25.63 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BM006629.D

Acq: 22 Jul 2016 17:58

Instrument :

BNA_M

ClientSampled :

D9YQ2

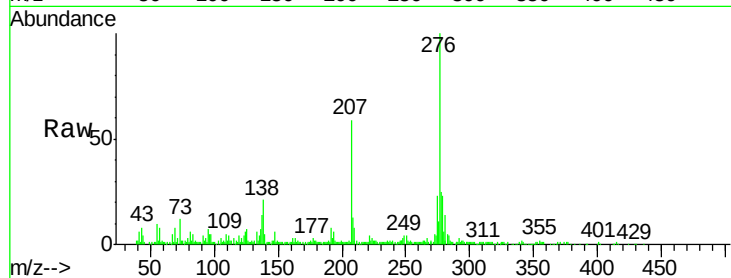
Tgt Ion:276 Resp: 220575

Ion Ratio Lower Upper

276 100

138 21.2 15.8 23.6

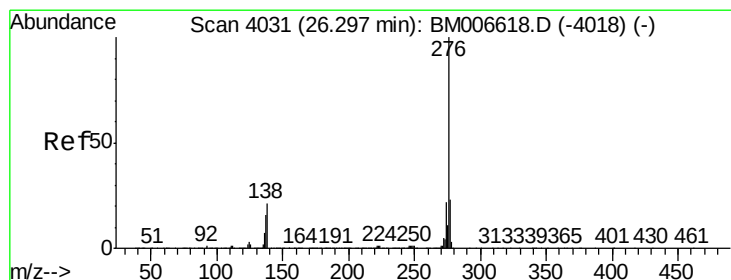
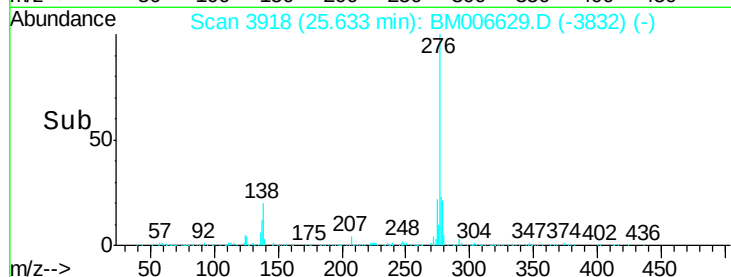
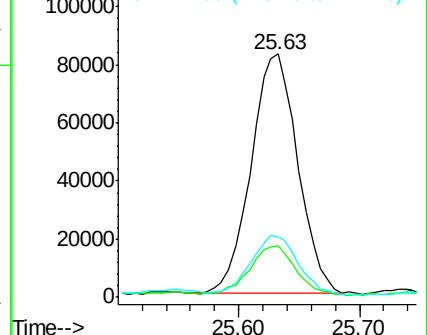
277 25.0 19.0 28.6



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: 3.48 ng/ul

RT: 26.30 min Scan# 4032

Delta R.T. 0.01 min

Lab File: BM006629.D

Acq: 22 Jul 2016 17:58

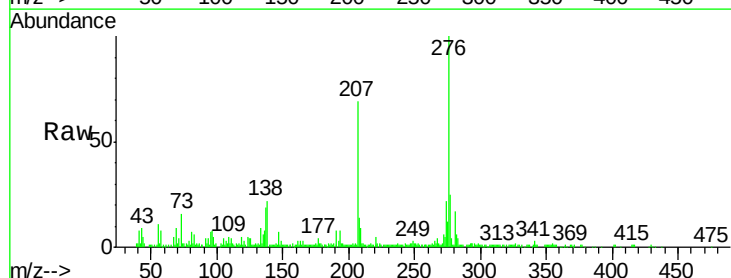
Tgt Ion:276 Resp: 218821

Ion Ratio Lower Upper

276 100

138 22.0 13.9 20.9#

277 24.6 19.8 29.6



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

