

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072016\
 Data File : BM006577.D
 Acq On : 21 Jul 2016 04:52
 Operator : UM/SJ
 Sample : H4077-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YR1

Quant Time: Jul 21 06:57:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 21 01:09:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	167369	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	706254	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	393362	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.11	188	770373	20.00	ng/ul	0.09
29) Chrysene-d12	21.21	240	1070935	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1136899	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	6690	1.62	ng/uL	0.00
3) Phenol-d5	6.79	99	230059	16.16	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	160252	18.17	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	188695	16.58	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	140670	12.74	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	91495	17.11	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	97309	17.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	171777	15.99	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	225693	19.08	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	558124	18.10	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	704261	17.89	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	67666	12.63	ng/ul	0.00
21) Fluorene-d10	15.26	176	501235	18.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	55162	13.79	ng/ul	0.00
26) Anthracene-d10	17.11	188	770373	21.06	ng/ul	0.00
30) Pyrene-d10	19.42	212	902258	18.49	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	967781	18.51	ng/ul	0.00

Target Compounds

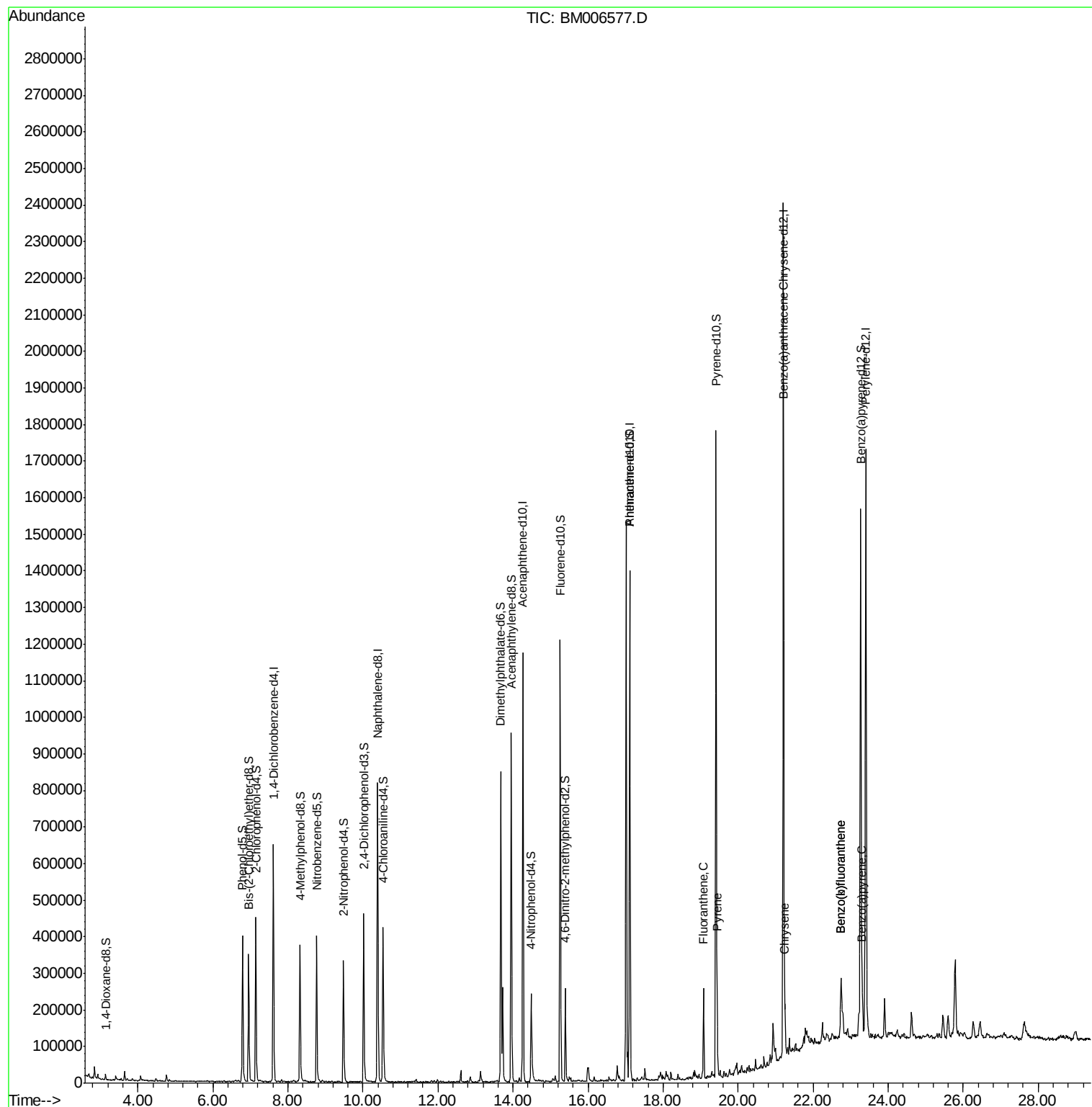
						Qvalue
28) Fluoranthene	19.08	202	143260	2.81	ng/ul	96
31) Pyrene	19.44	202	129132	1.99	ng/ul#	95
32) Benzo(a)anthracene	21.20	228	73710	1.14	ng/ul	97
33) Chrysene	21.24	228	84624	1.41	ng/ul	97
35) Benzo(b)fluoranthene	22.75	252	148746	2.18	ng/ul	97
36) Benzo(k)fluoranthene	22.75	252	148746	2.26	ng/ul	97
38) Benzo(a)pyrene	23.31	252	72642	1.10	ng/ul	95

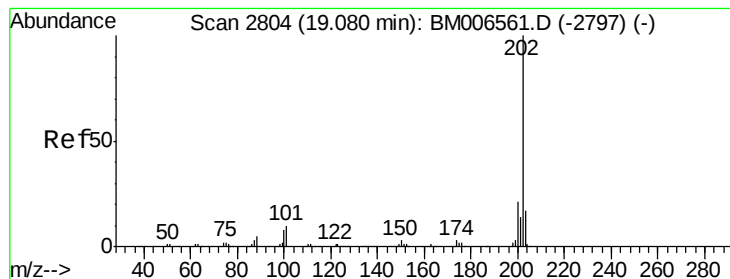
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Fluoranthene

Concen: 2.81 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006577.D

Acq: 21 Jul 2016 04:52

Instrument :

BNA_M

ClientSampled :

D9YR1

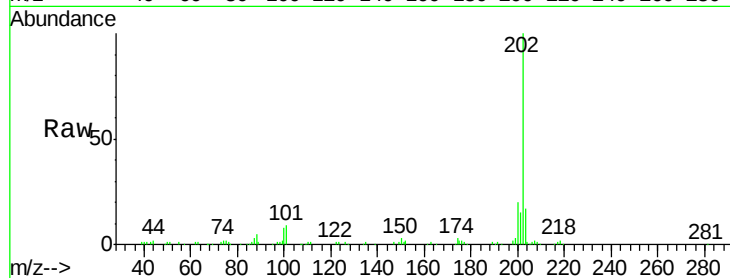
Tgt Ion:202 Resp: 143260

Ion Ratio Lower Upper

202 100

101 9.2 8.9 13.3

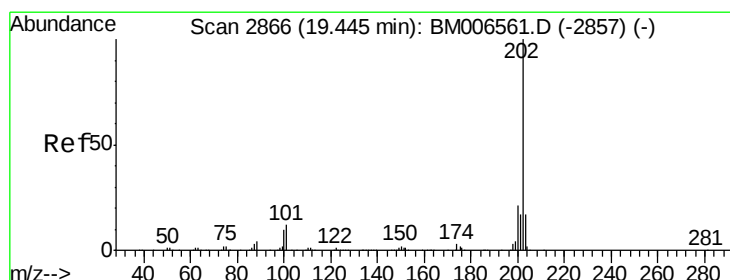
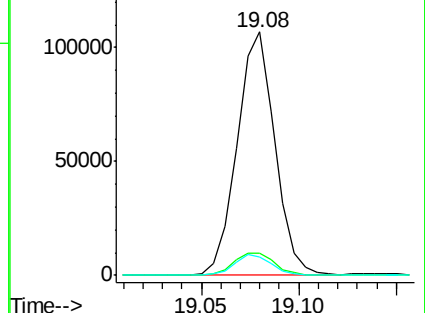
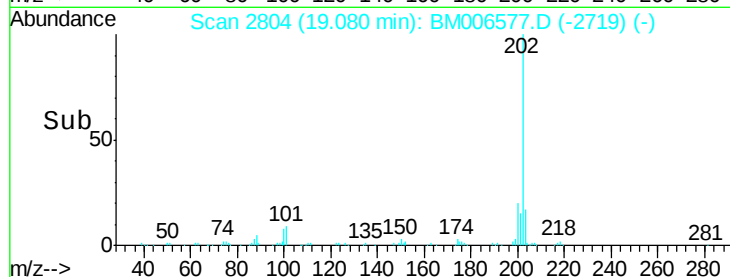
100 7.7 7.0 10.4



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: 1.99 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BM006577.D

Acq: 21 Jul 2016 04:52

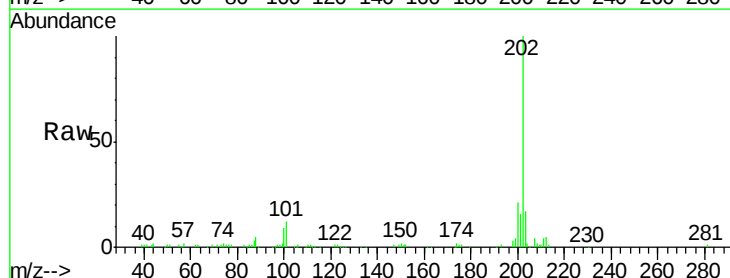
Tgt Ion:202 Resp: 129132

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

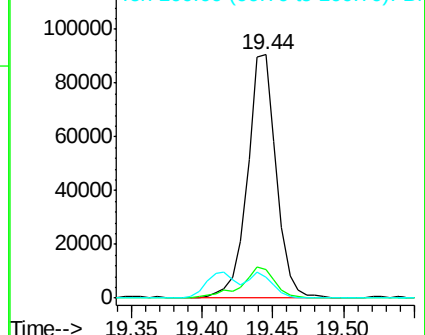
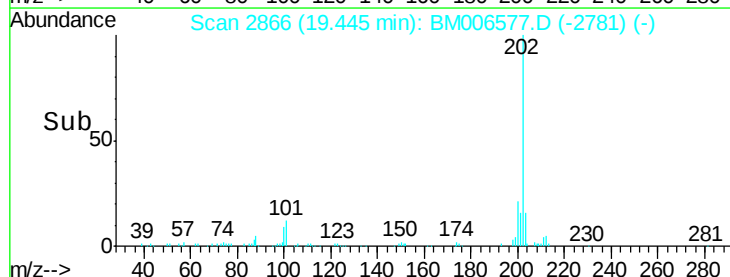
100 8.6 9.3 13.9#

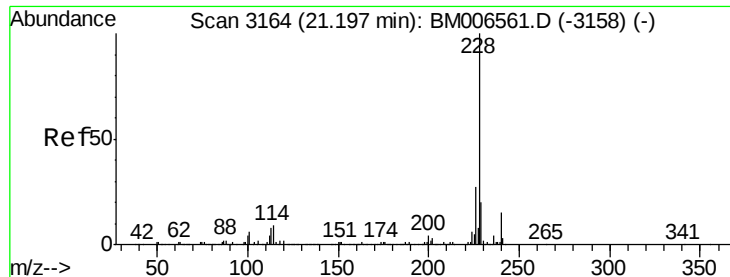


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

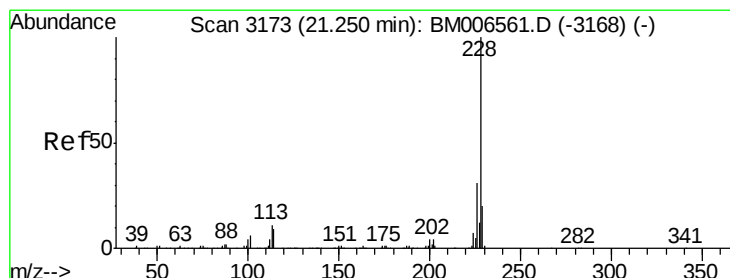
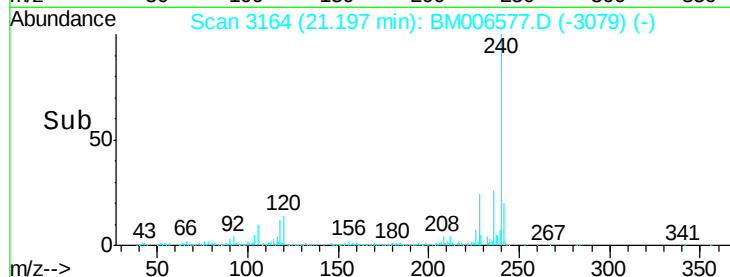
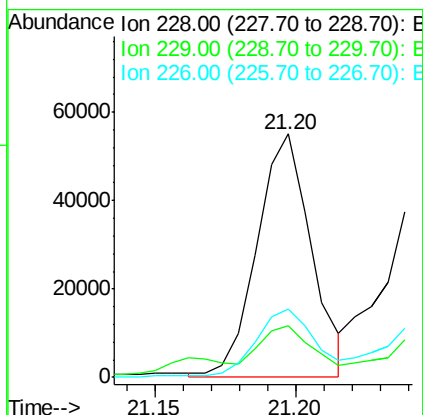
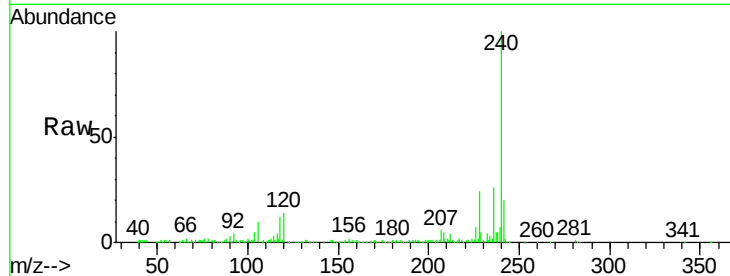




#32
Benzo(a)anthracene
Concen: 1.14 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006577.D
Acq: 21 Jul 2016 04:52

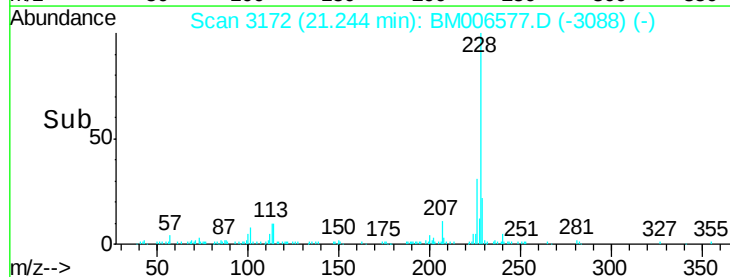
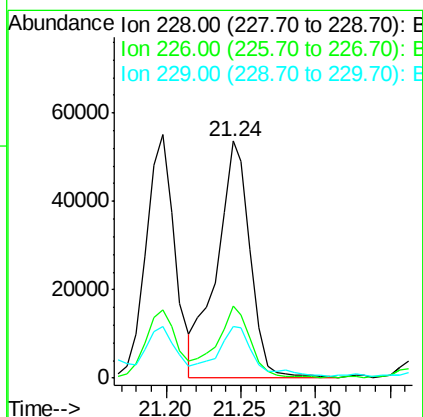
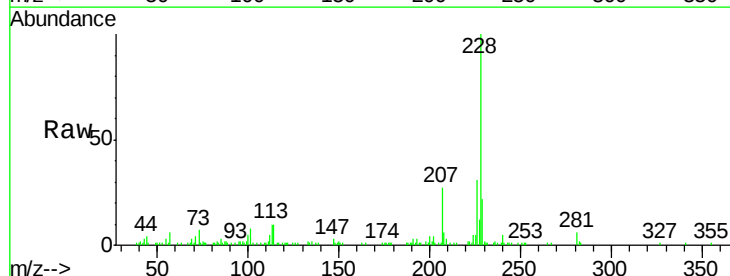
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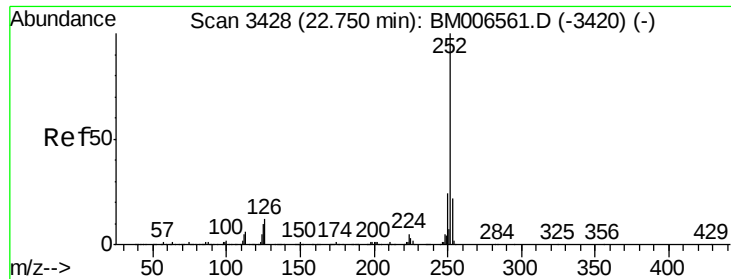
Tgt Ion:228 Resp: 73710
Ion Ratio Lower Upper
228 100
229 21.3 16.6 25.0
226 28.3 21.0 31.4



#33
Chrysene
Concen: 1.41 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006577.D
Acq: 21 Jul 2016 04:52

Tgt Ion:228 Resp: 84624
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.2
229 21.7 16.2 24.2

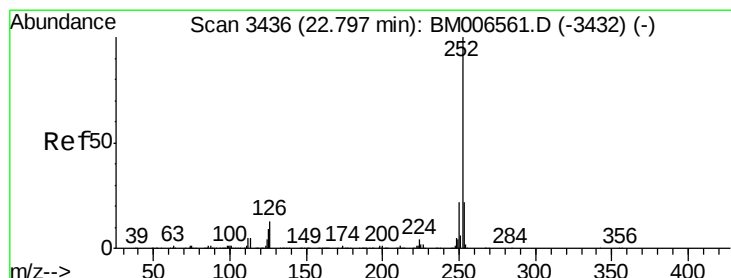
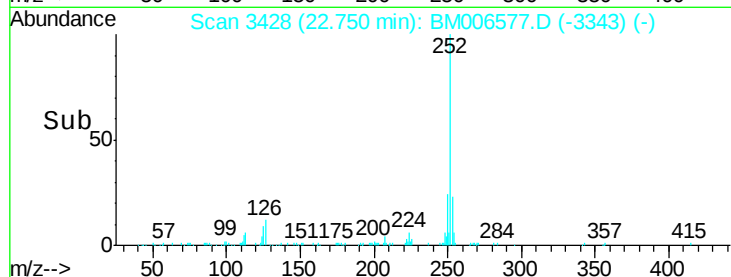
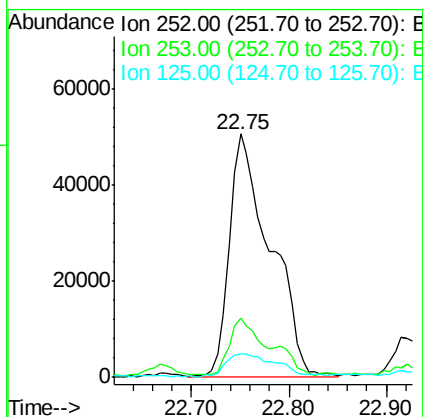
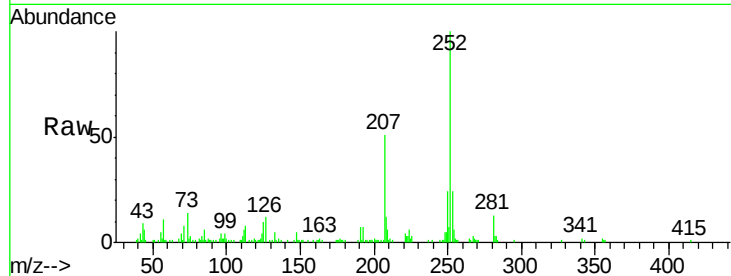




#35
Benzo(b)fluoranthene
Concen: 2.18 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BM006577.D
Acq: 21 Jul 2016 04:52

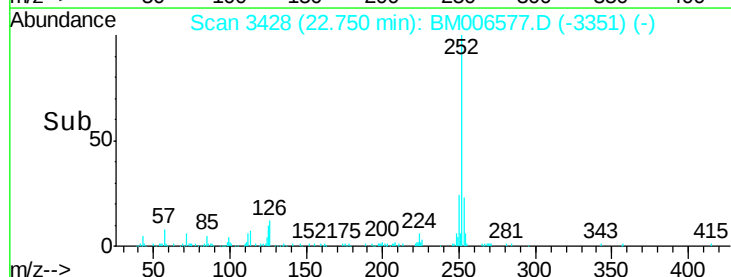
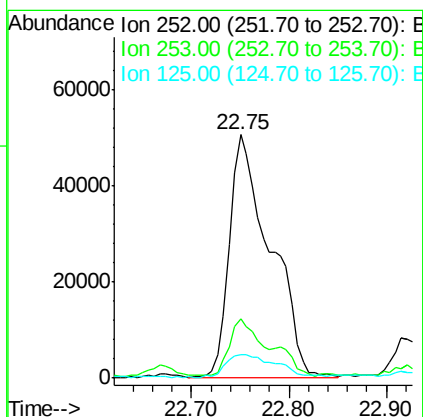
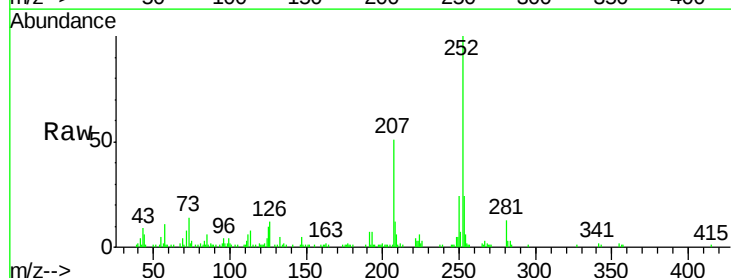
Instrument :
BNA_M
ClientSampleId :
D9YR1

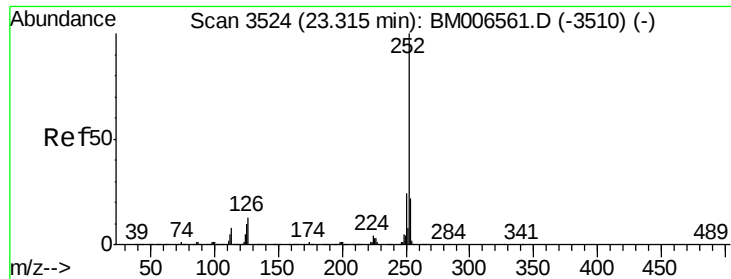
Tgt Ion:252 Resp: 148746
Ion Ratio Lower Upper
252 100
253 24.3 18.1 27.1
125 9.8 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 2.26 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BM006577.D
Acq: 21 Jul 2016 04:52

Tgt Ion:252 Resp: 148746
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 9.8 7.7 11.5





#38

Benzo(a)pyrene

Concen: 1.10 ng/ul

RT: 23.31 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BM006577.D

Acq: 21 Jul 2016 04:52

Instrument :

BNA_M

ClientSampleId :

D9YR1

Tgt Ion: 252 Resp: 72642

Ion Ratio Lower Upper

252 100

253 24.9 17.4 26.0

125 10.5 8.2 12.2

