

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
 Data File : BM006774.D
 Acq On : 30 Jul 2016 15:33
 Operator : UM/SJ
 Sample : H4190-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 01 04:25:47 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	195638	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	864531	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	490758	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1096654	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1227029	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1264514	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	7733	1.60	ng/uL	0.00
3) Phenol-d5	6.79	99	279433	16.79	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	201398	19.53	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	234293	17.62	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	171511	13.29	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	119738	18.30	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	132298	19.01	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	231383	17.59	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	317395	21.91	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	774205	20.12	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	974872	19.85	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	107611	16.10	ng/ul	0.00
21) Fluorene-d10	15.26	176	684546	19.89	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	88518	15.55	ng/ul	0.00
26) Anthracene-d10	17.11	188	1050323	20.17	ng/ul	0.00
30) Pyrene-d10	19.41	212	1200986	21.48	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1232139	21.18	ng/ul	-0.01

Target Compounds

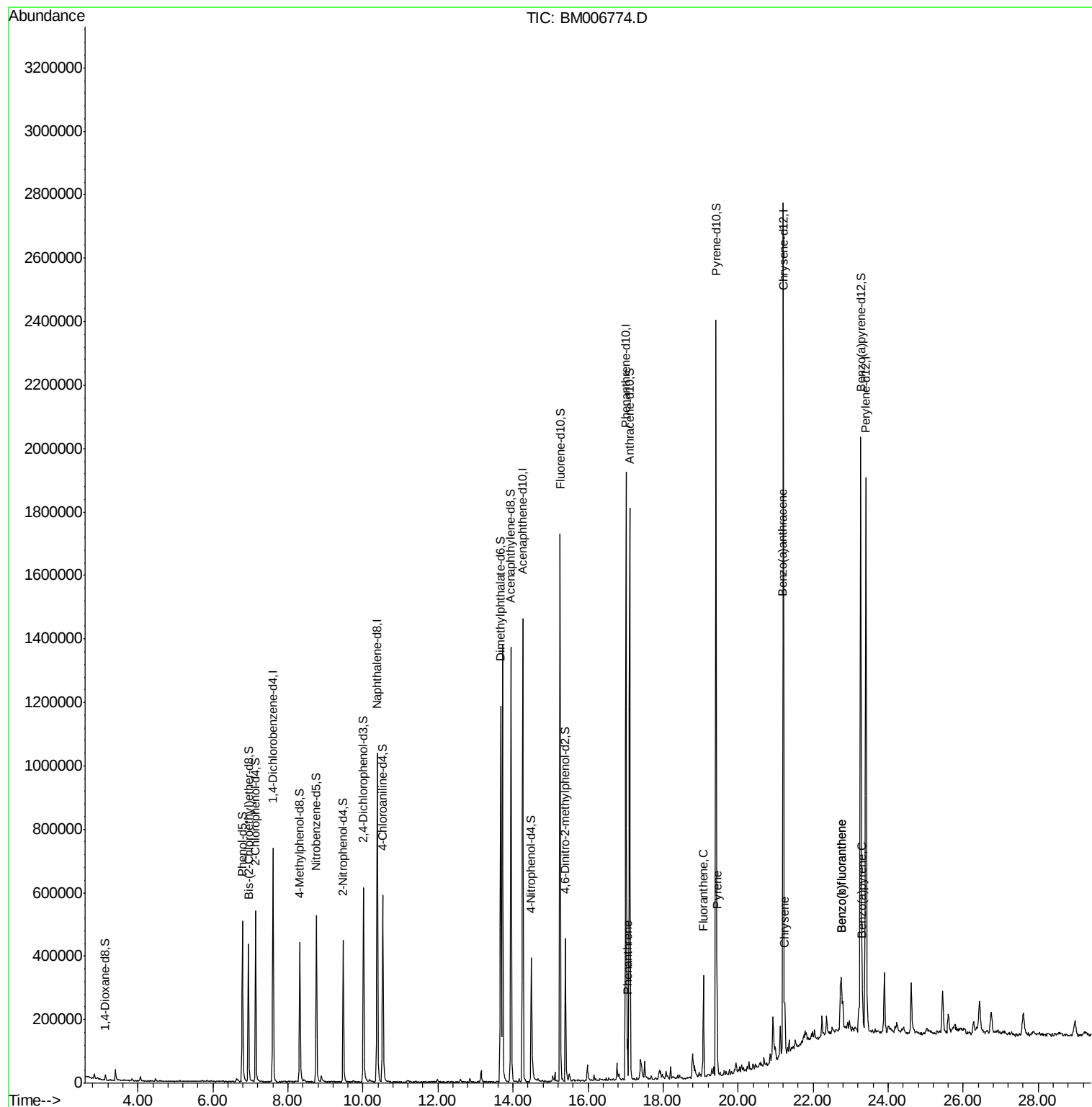
						Ovalue
25) Phenanthrene	17.05	178	72395	1.17	ng/ul	99
28) Fluoranthene	19.07	202	190294	2.63	ng/ul	99
31) Pyrene	19.44	202	163467	2.20	ng/ul	97
32) Benzo(a)anthracene	21.19	228	97784	1.31	ng/ul	98
33) Chrysene	21.24	228	101124	1.47	ng/ul	99
35) Benzo(b)fluoranthene	22.76	252	129560	1.71	ng/ul	100
36) Benzo(k)fluoranthene	22.76	252	129560	1.77	ng/ul	100
38) Benzo(a)pyrene	23.31	252	82199	1.11	ng/ul	96

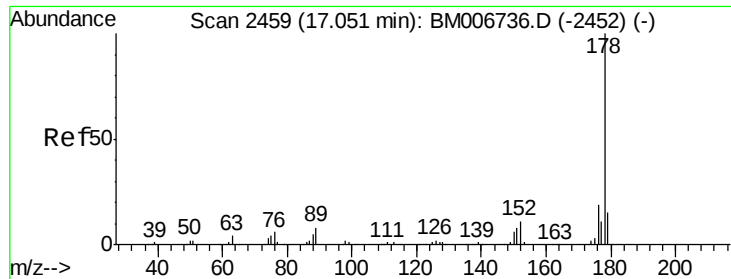
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.17 ng/ul

RT: 17.05 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BM006774.D

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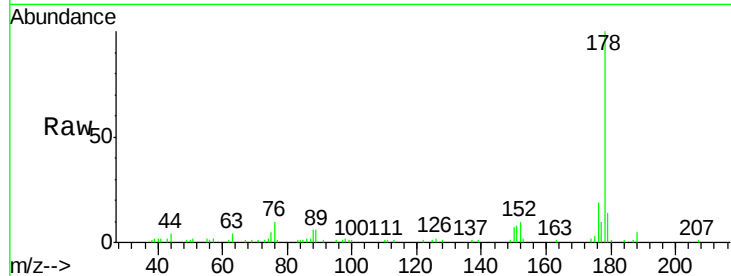
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 72395

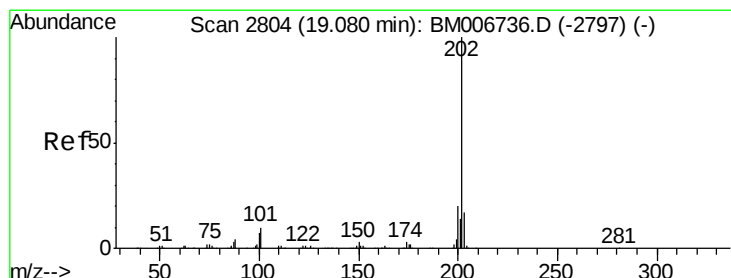
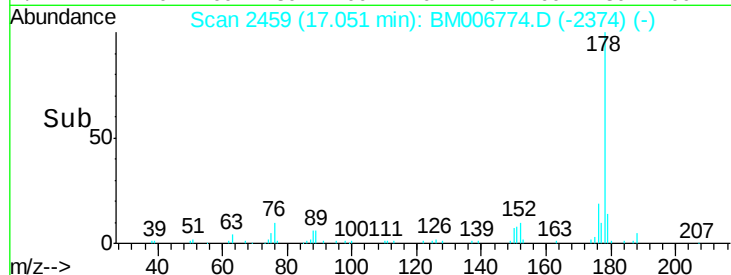
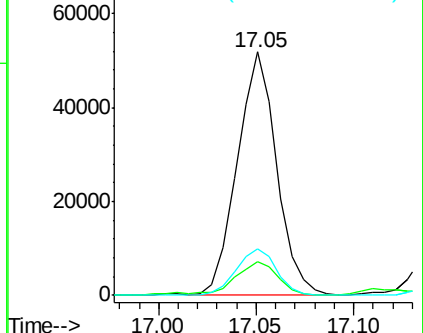
Ion	Ratio	Lower	Upper
178	100		
179	14.0	11.8	17.8
176	19.0	14.8	22.2



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: 2.63 ng/ul

RT: 19.07 min Scan# 2803

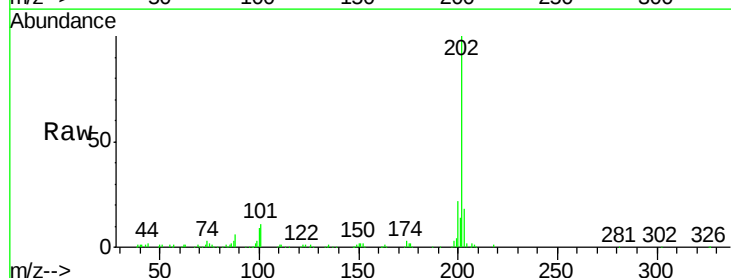
Delta R.T. -0.01 min

Lab File: BM006774.D

Acq: 30 Jul 2016 15:33

Tgt Ion:202 Resp: 190294

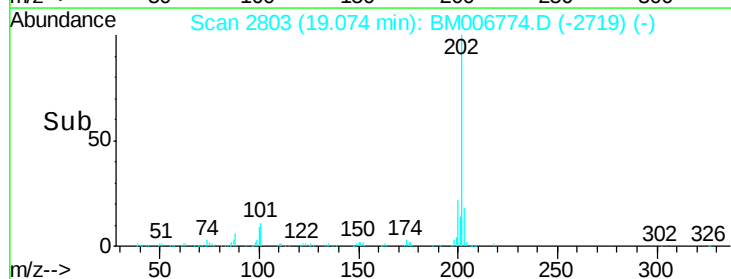
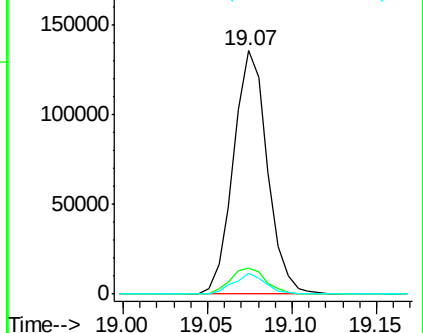
Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.9	13.3
100	8.7	7.0	10.4

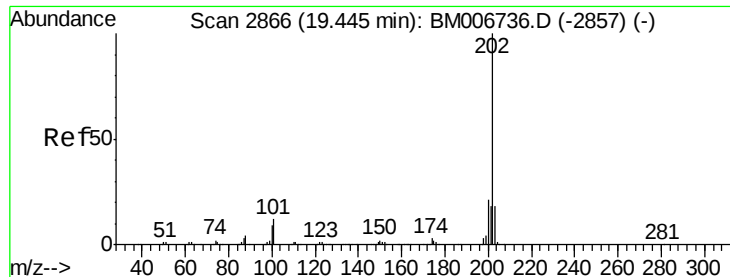


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

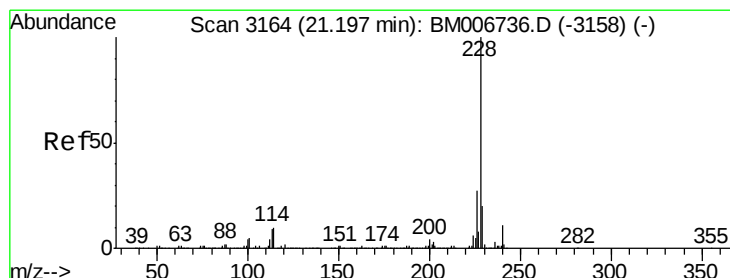
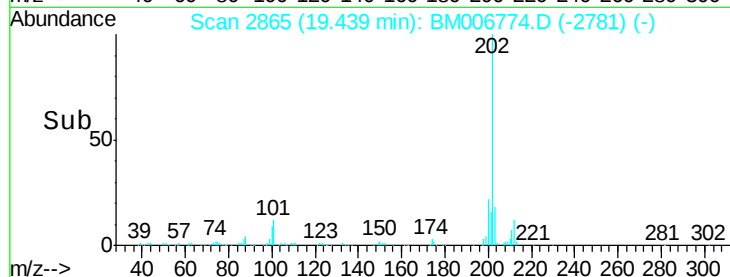
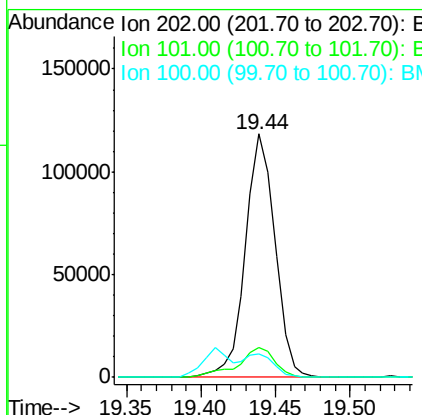
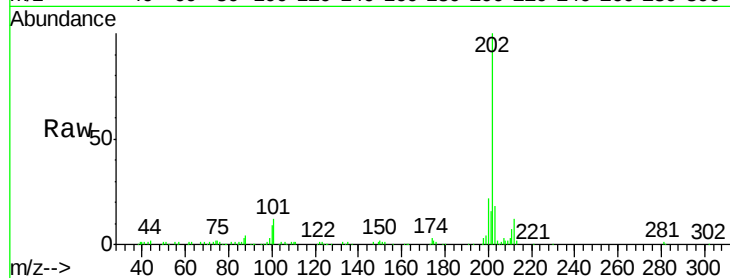




#31
 Pvrene
 Concen: 2.20 ng/ul
 RT: 19.44 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM006774.D
 Acq: 30 Jul 2016 15:33

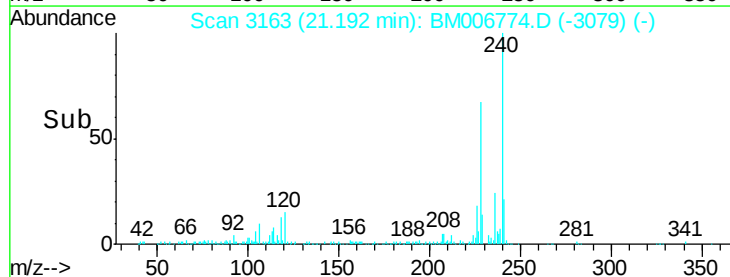
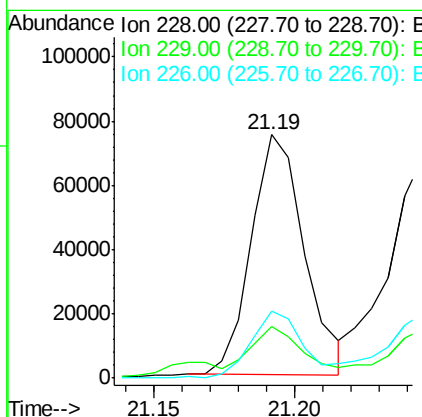
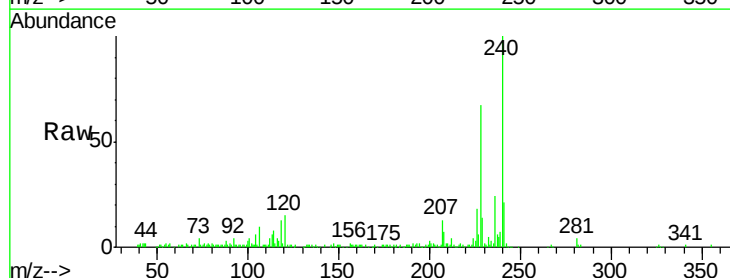
Instrument :
 BNA_M
 ClientSampleId :

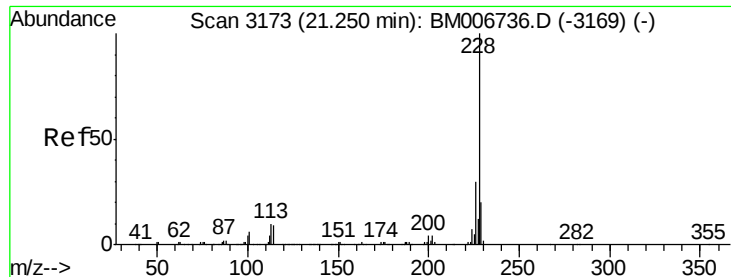
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.4	9.3	13.9



#32
 Benzo(a)anthracene
 Concen: 1.31 ng/ul
 RT: 21.19 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BM006774.D
 Acq: 30 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	27.6	21.0	31.4

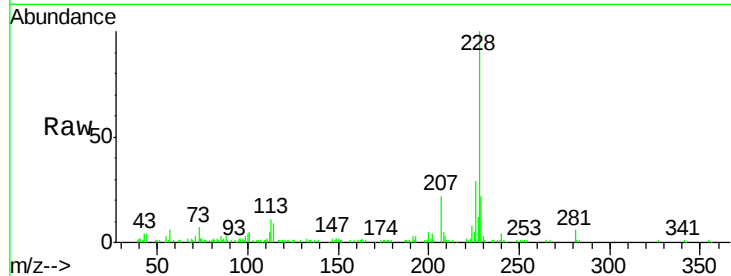




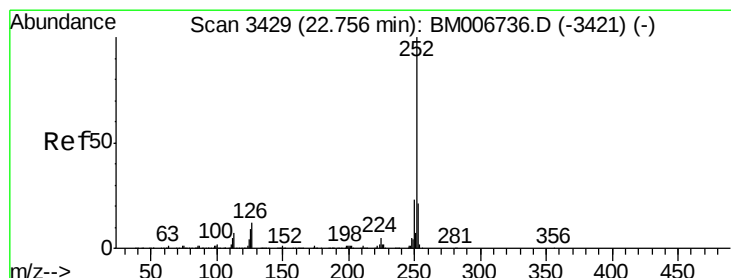
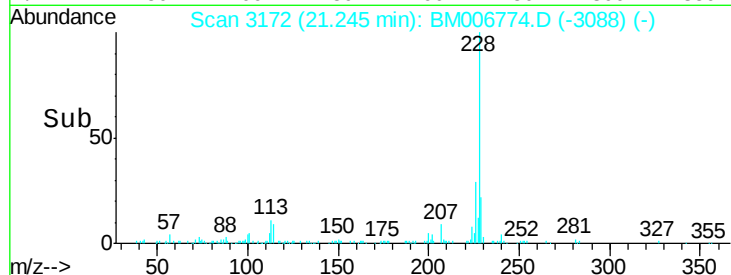
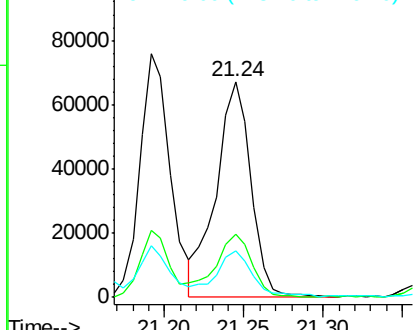
#33
Chrysene
Concen: 1.47 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006774.D
Acq: 30 Jul 2016 15:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.7	16.2	24.2

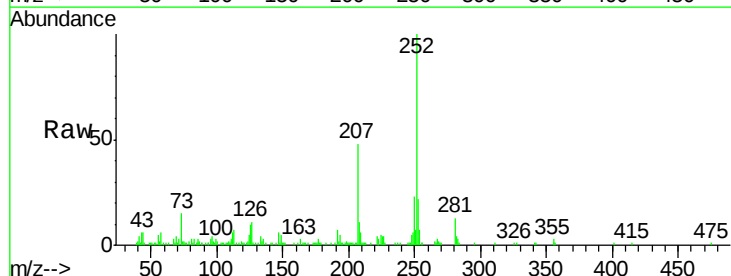


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

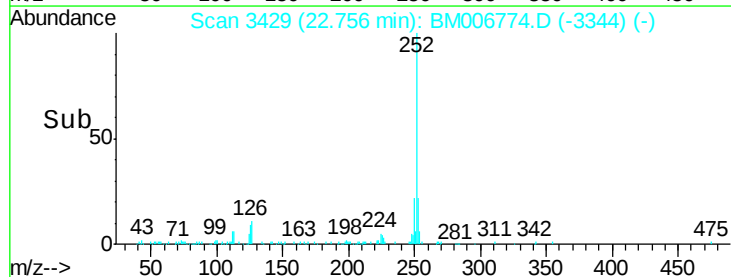
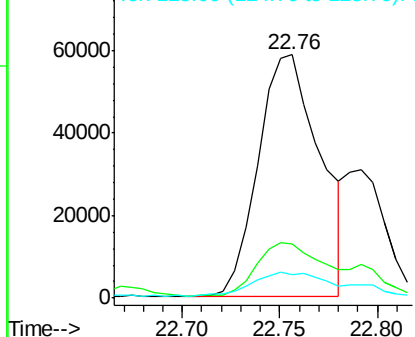


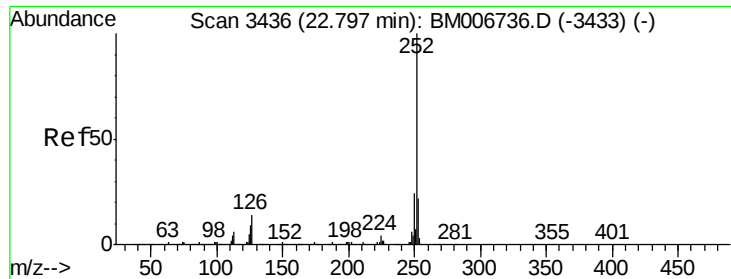
#35
Benzo(b)fluoranthene
Concen: 1.71 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006774.D
Acq: 30 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	9.7	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

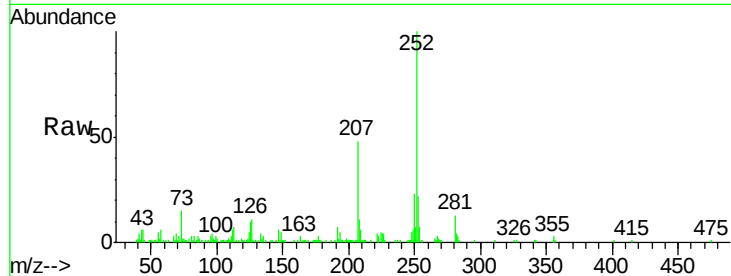




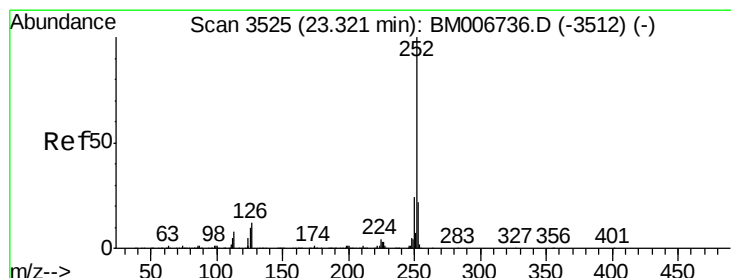
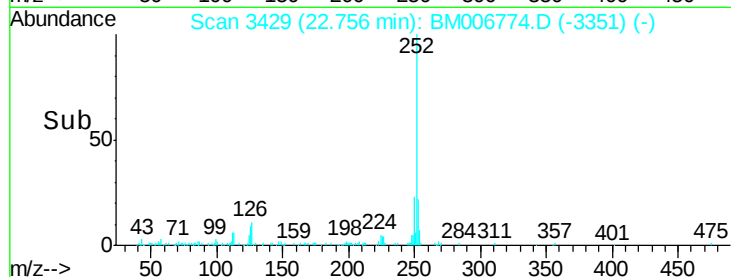
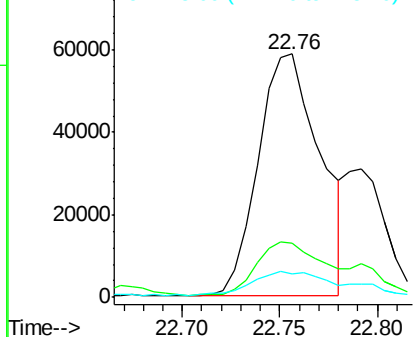
#36
Benzo(k)fluoranthene
Concen: 1.77 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006774.D
Acq: 30 Jul 2016 15:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.7	7.7	11.5

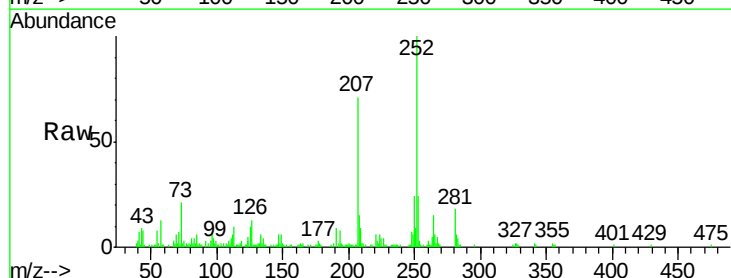


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38
Benzo(a)pyrene
Concen: 1.11 ng/ul
RT: 23.31 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BM006774.D
Acq: 30 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	10.2	8.2	12.2



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

