

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
 Data File : BM006965.D
 Acq On : 07 Aug 2016 08:06
 Operator : UM/SJ
 Sample : H4302-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0K1

Quant Time: Aug 08 03:55:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 03:51:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	185975	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	905185	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	606981	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1514804	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1542097	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1147895	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	8349	2.05	ng/uL	0.00
3) Phenol-d5	6.77	99	347490	19.71	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	265788	24.04	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	284669	22.61	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	286003	19.43	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	157748	23.46	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	183811	22.83	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	318961	20.90	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	415562	22.80	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1305241	24.44	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1527492	24.72	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	130996	16.91	ng/ul	0.01
21) Fluorene-d10	15.20	176	1148323	25.29	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	133360	21.32	ng/ul	0.00
26) Anthracene-d10	17.06	188	1801329	24.61	ng/ul	0.00
30) Pyrene-d10	19.37	212	2054377	27.95	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.21	264	1344549	24.59	ng/ul	0.00

Target Compounds

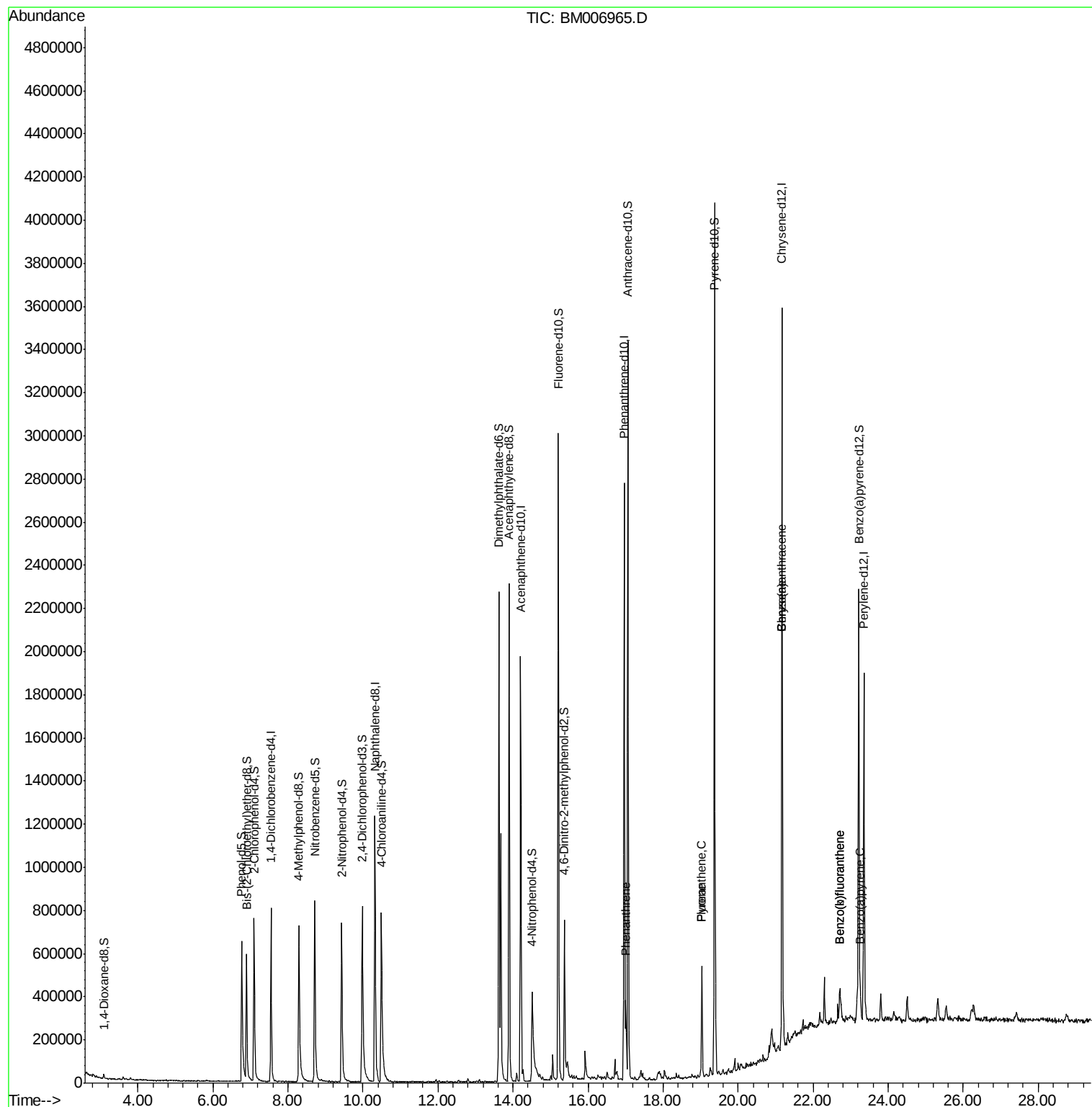
						Qvalue
25) Phenanthrene	17.00	178	193135	2.28	ng/ul	97
28) Fluoranthene	19.03	202	305066	2.96	ng/ul	98
31) Pyrene	19.03	202	305066	3.18	ng/ul	99
32) Benzo(a)anthracene	21.16	228	127001	1.39	ng/ul	97
33) Chrysene	21.16	228	127001	1.58	ng/ul	94
35) Benzo(b)fluoranthene	22.71	252	145115	1.94	ng/ul	99
36) Benzo(k)fluoranthene	22.71	252	145115	2.01	ng/ul	98
38) Benzo(a)pyrene	23.26	252	88103	1.30	ng/ul	98

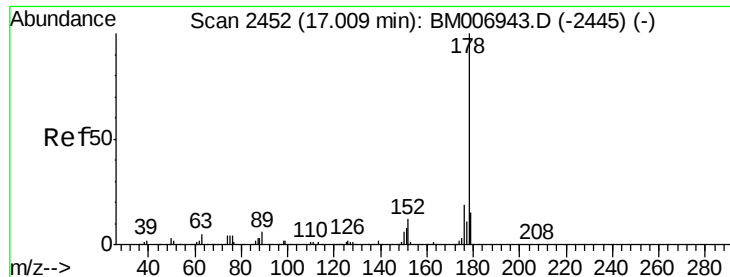
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 2.28 ng/ul

RT: 17.00 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BM006965.D

Acq: 07 Aug 2016 08:06

Instrument :

BNA_M

ClientSampleId :

DA0K1

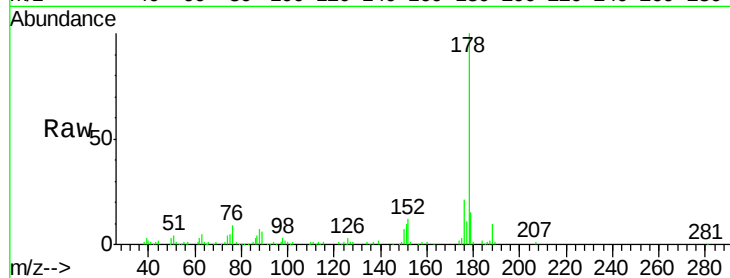
Tgt Ion:178 Resp: 193135

Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

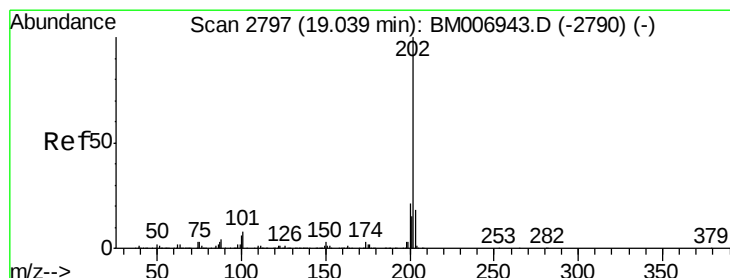
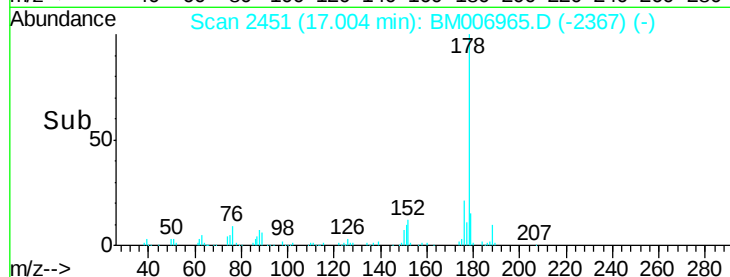
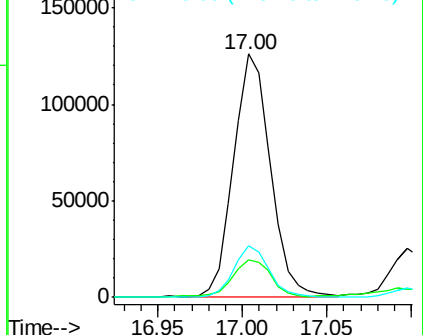
176 20.9 15.0 22.4



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: 2.96 ng/ul

RT: 19.03 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM006965.D

Acq: 07 Aug 2016 08:06

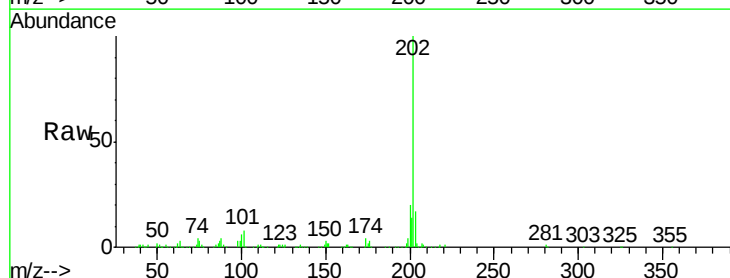
Tgt Ion:202 Resp: 305066

Ion Ratio Lower Upper

202 100

101 7.9 5.6 8.4

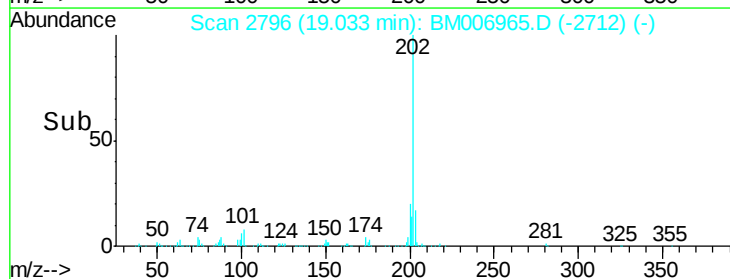
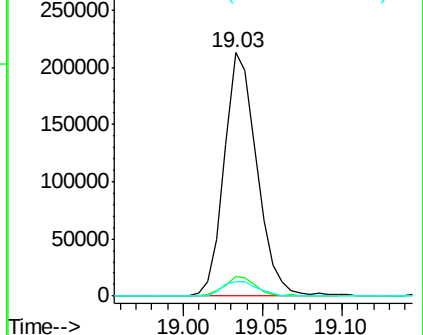
100 6.1 4.2 6.4

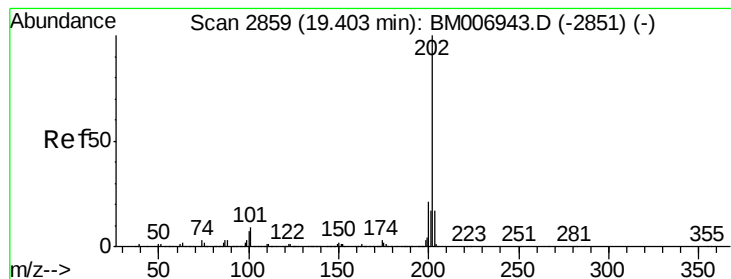


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 3.18 ng/ul

RT: 19.03 min Scan# 2796

Delta R.T. -0.37 min

Lab File: BM006965.D

Acq: 07 Aug 2016 08:06

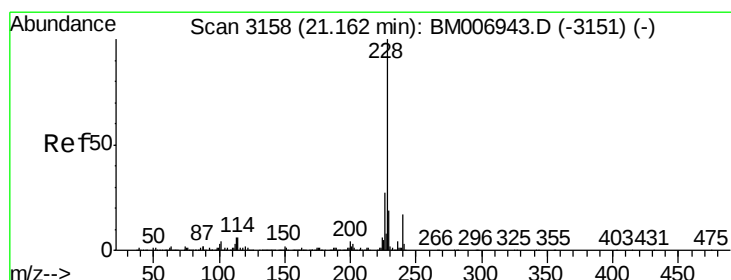
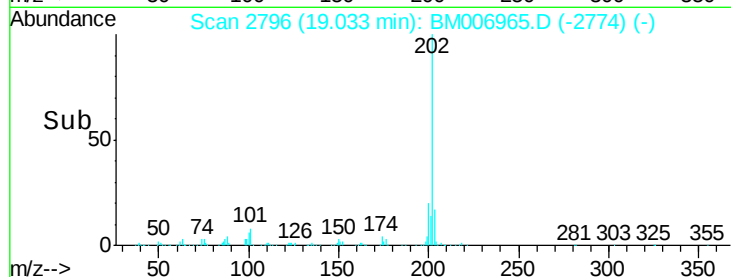
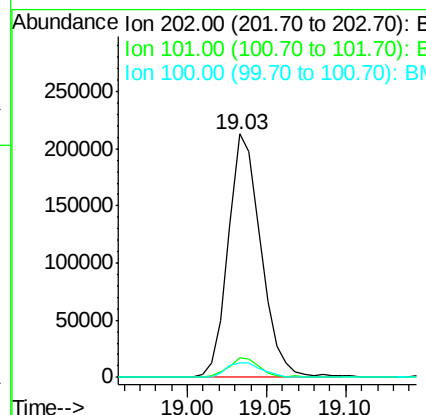
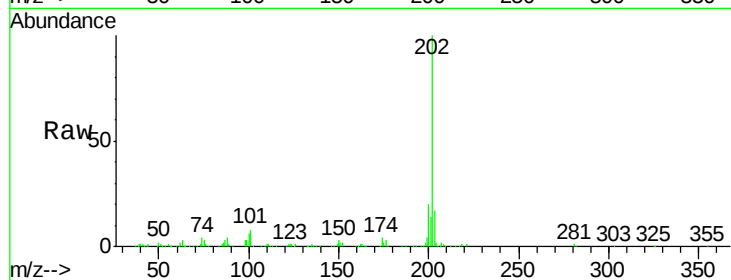
Instrument :

BNA_M

ClientSampleId :

DA0K1

Tgt Ion:	202	Resp:	305066
Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.4	9.6
100	6.1	5.4	8.2



#32

Benzo(a)anthracene

Concen: 1.39 ng/ul

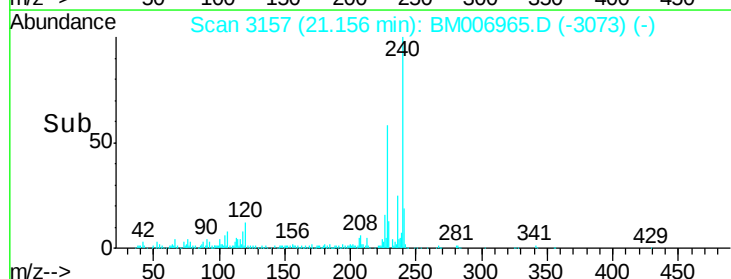
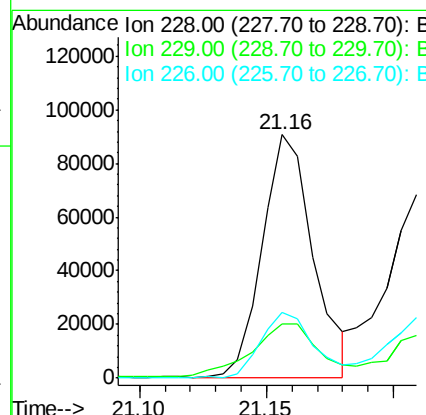
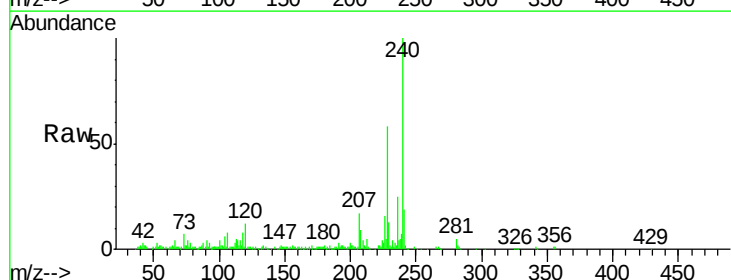
RT: 21.16 min Scan# 3157

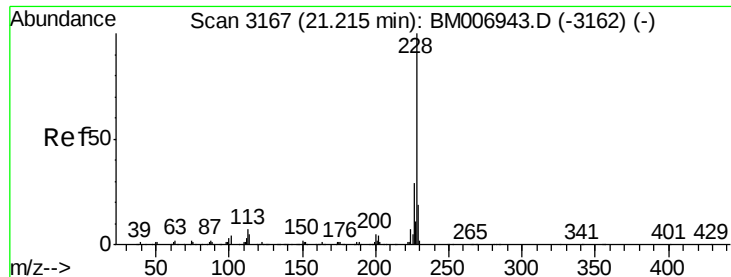
Delta R.T. -0.01 min

Lab File: BM006965.D

Acq: 07 Aug 2016 08:06

Tgt Ion:	228	Resp:	127001
Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.2	22.8
226	26.9	21.3	31.9





#33

Chrysene

Concen: 1.58 ng/ul

RT: 21.16 min Scan# 3157

Delta R.T. -0.06 min

Lab File: BM006965.D

Acq: 07 Aug 2016 08:06

Instrument :

BNA_M

ClientSampleId :

DA0K1

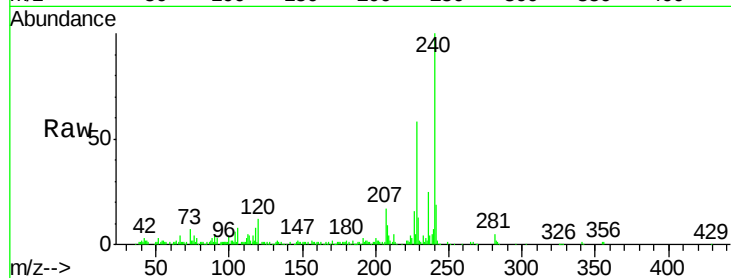
Tgt Ion:228 Resp: 127001

Ion Ratio Lower Upper

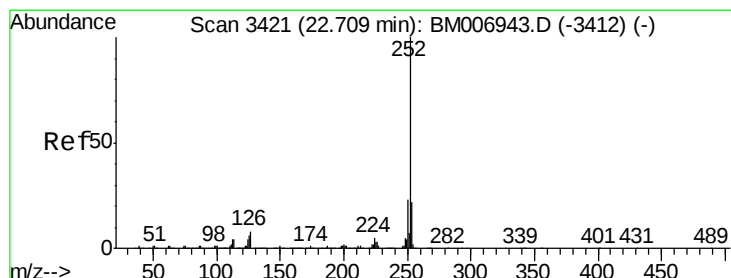
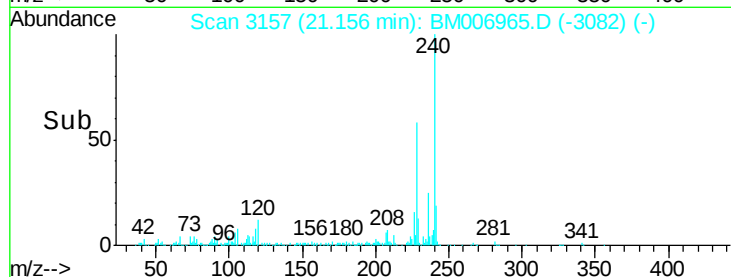
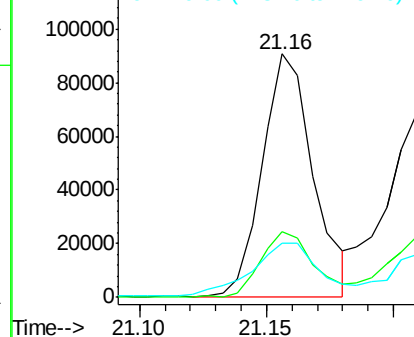
228 100

226 26.9 23.8 35.6

229 22.2 15.1 22.7



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: 1.94 ng/ul

RT: 22.71 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BM006965.D

Acq: 07 Aug 2016 08:06

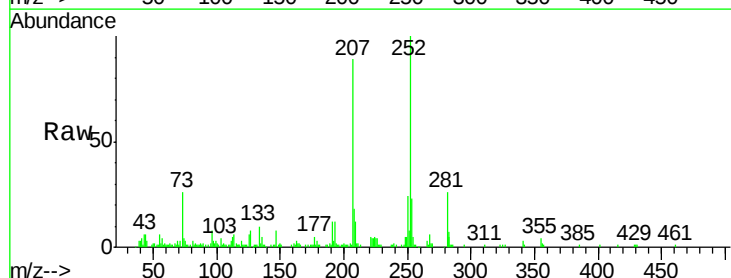
Tgt Ion:252 Resp: 145115

Ion Ratio Lower Upper

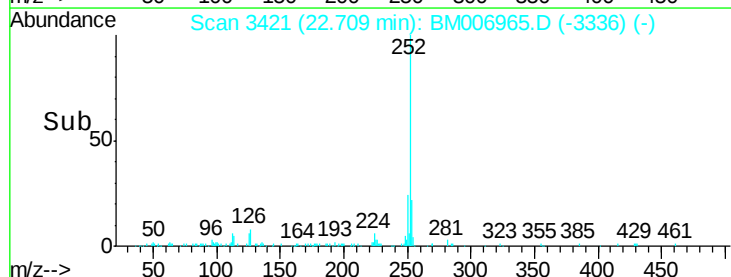
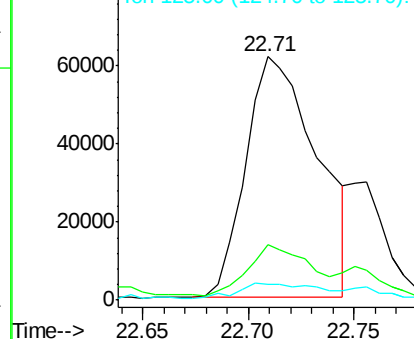
252 100

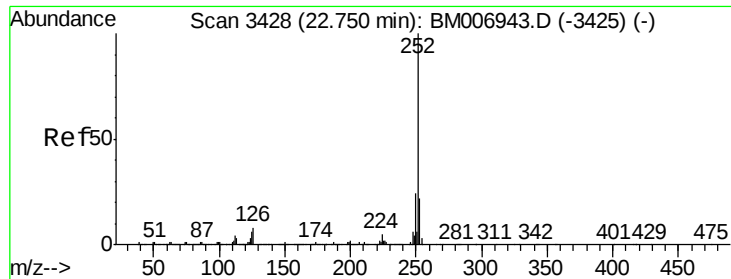
253 22.5 17.6 26.4

125 6.3 5.1 7.7



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

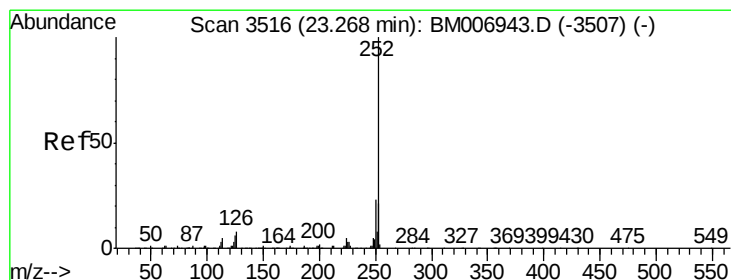
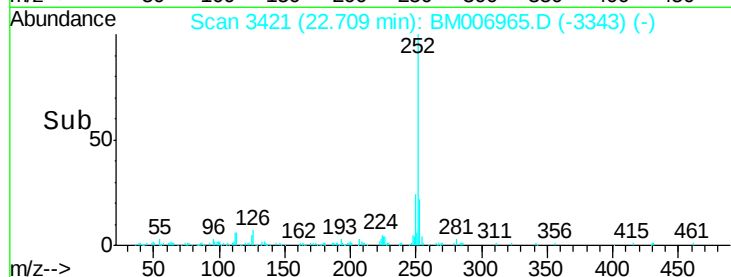
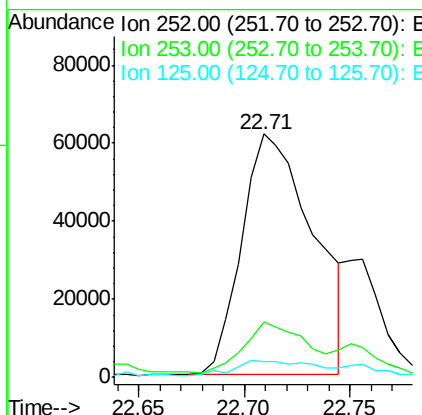
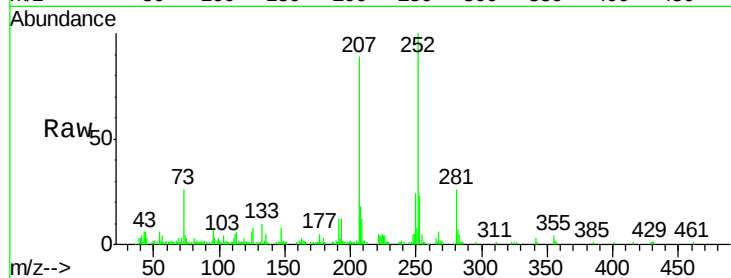




#36
Benzo(k)fluoranthene
Concen: 2.01 ng/u1
RT: 22.71 min Scan# 3421
Delta R.T. -0.04 min
Lab File: BM006965.D
Acq: 07 Aug 2016 08:06

Instrument :
BNA_M
ClientSampleId :
DA0K1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	6.3	5.1	7.7



#38
Benzo(a)pyrene
Concen: 1.30 ng/u1
RT: 23.26 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM006965.D
Acq: 07 Aug 2016 08:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.3	5.6	8.4

