

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
 Data File : BM006962.D
 Acq On : 07 Aug 2016 06:19
 Operator : UM/SJ
 Sample : H4302-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0G0

Quant Time: Aug 08 03:54:39 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	182729	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	903771	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	600258	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1460592	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1563301	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1194371	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	7442	1.86	ng/uL	0.00
3) Phenol-d5	6.77	99	302862	17.48	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	238109	21.92	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	246710	19.95	ng/ul	0.00
6) 4-Methylphenol-d8	8.30	113	165514	11.45	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	138908	20.69	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	153272	19.07	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	274234	17.99	ng/ul	0.00
12) 4-Chloroaniline-d4	10.50	131	289040	15.89	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1141473	21.61	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1359810	22.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	34239	4.47	ng/ul	0.03
21) Fluorene-d10	15.21	176	1010574	22.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	80227	13.30	ng/ul	0.00
26) Anthracene-d10	16.96	188	1460592	20.70	ng/ul	-0.11
30) Pyrene-d10	19.37	212	1943544	26.08	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.21	264	1306127	22.96	ng/ul	0.00

Target Compounds

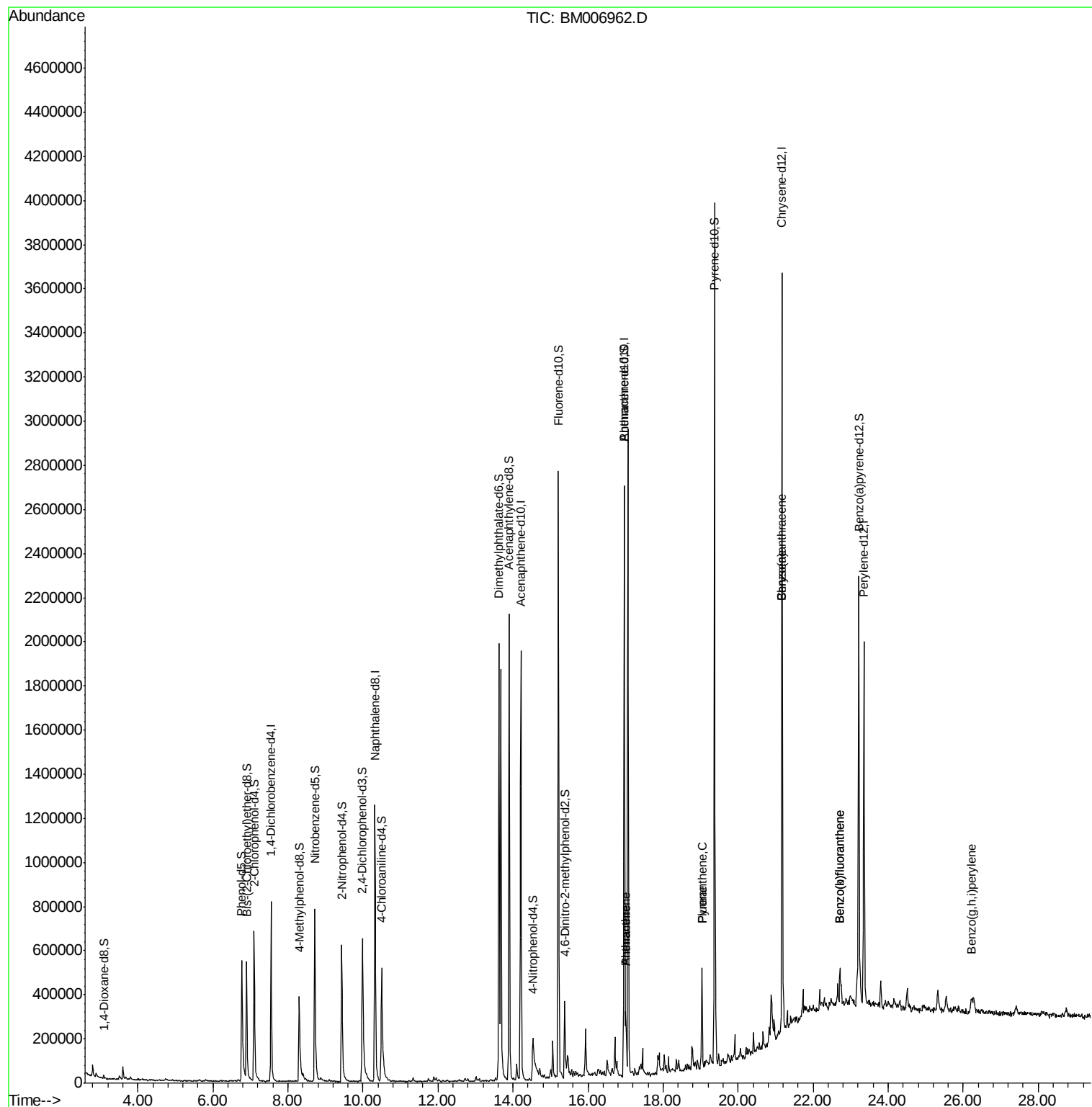
						Qvalue
25) Phenanthrene	17.01	178	145076	1.78	ng/ul	98
27) Anthracene	17.01	178	145076	1.70	ng/ul	98
28) Fluoranthene	19.04	202	254180	2.56	ng/ul	97
31) Pyrene	19.04	202	255877	2.63	ng/ul	99
32) Benzo(a)anthracene	21.16	228	98354	1.06	ng/ul	95
33) Chrysene	21.16	228	98399	1.21	ng/ul	98
35) Benzo(b)fluoranthene	22.71	252	140543	1.80	ng/ul#	96
36) Benzo(k)fluoranthene	22.71	252	140543	1.87	ng/ul#	96
41) Benzo(g,h,i)perylene	26.21	276	61655	1.09	ng/ul	100

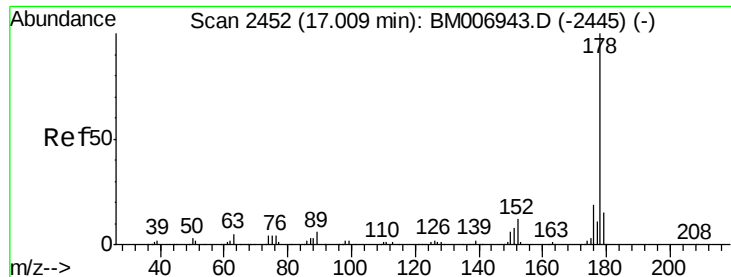
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.78 ng/ul

RT: 17.01 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BM006962.D

Acq: 07 Aug 2016 06:19

Instrument :

BNA_M

ClientSampleId :

DA0G0

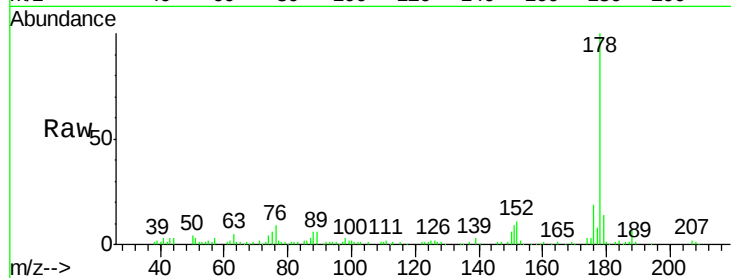
Tgt Ion:178 Resp: 145076

Ion Ratio Lower Upper

178 100

179 14.1 12.0 18.0

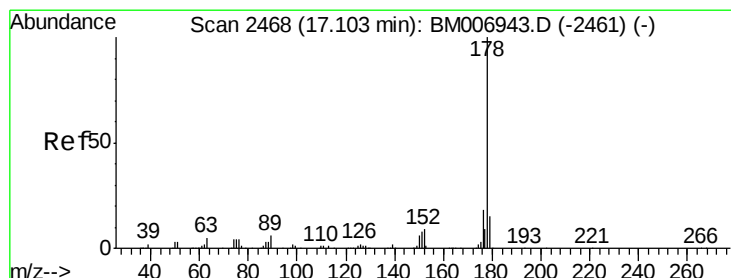
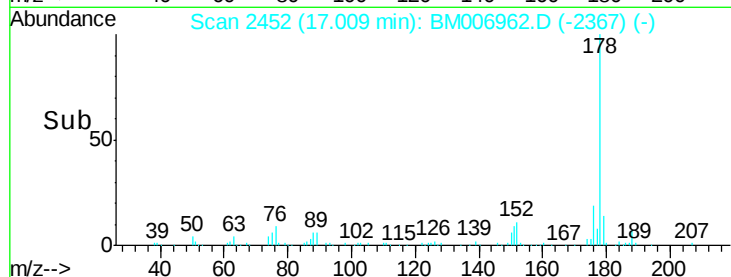
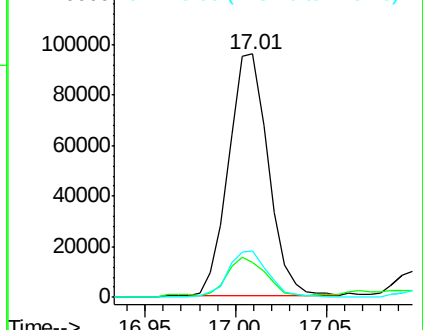
176 19.3 15.0 22.4



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



#27

Anthracene

Concen: 1.70 ng/ul

RT: 17.01 min Scan# 2452

Delta R.T. -0.09 min

Lab File: BM006962.D

Acq: 07 Aug 2016 06:19

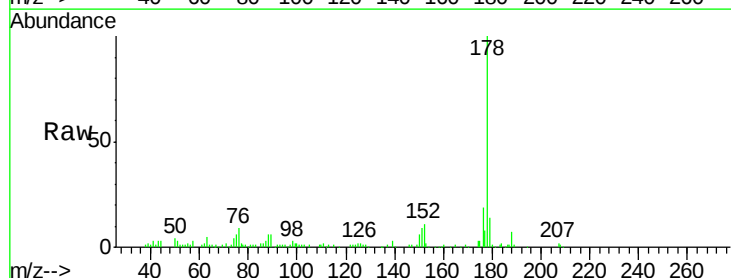
Tgt Ion:178 Resp: 145076

Ion Ratio Lower Upper

178 100

179 14.1 12.5 18.7

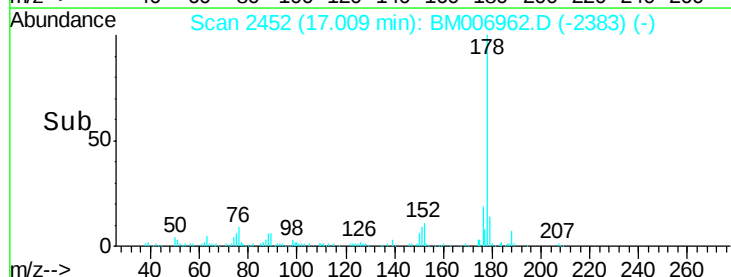
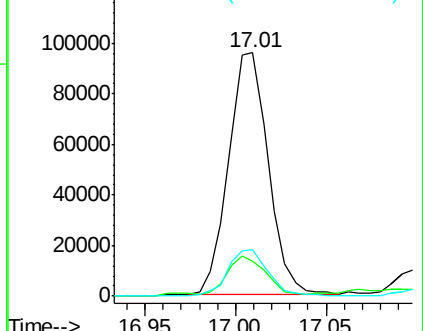
176 19.3 15.4 23.0

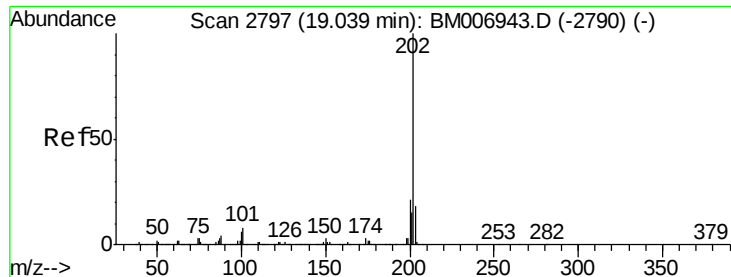


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 2.56 ng/ul

RT: 19.04 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BM006962.D

Acq: 07 Aug 2016 06:19

Instrument :

BNA_M

ClientSampleId :

DA0G0

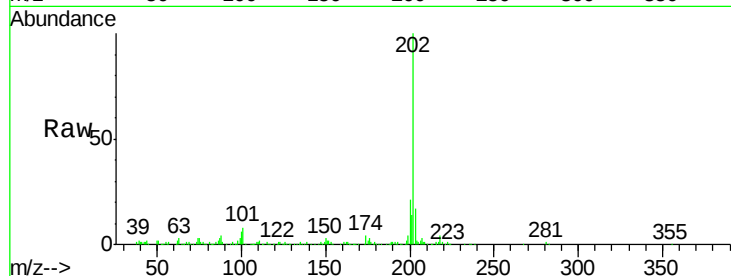
Tgt Ion:202 Resp: 254180

Ion Ratio Lower Upper

202 100

101 8.1 5.6 8.4

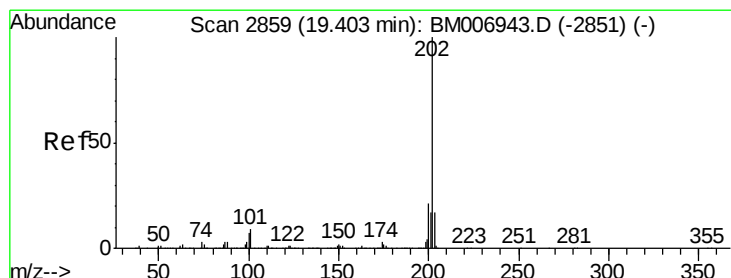
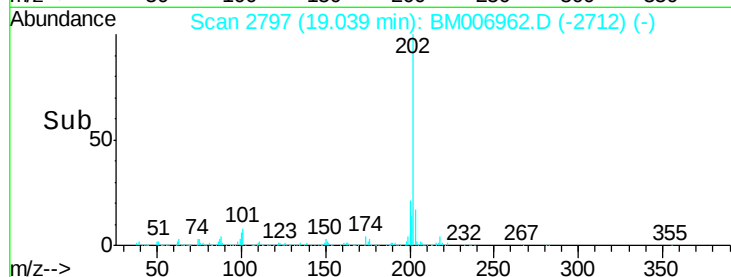
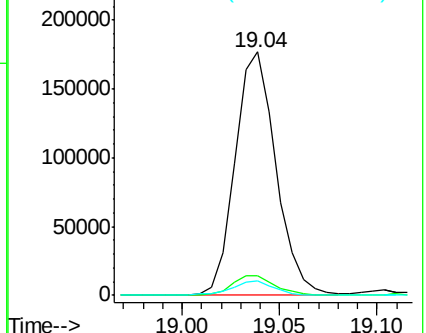
100 5.9 4.2 6.4



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: 2.63 ng/ul

RT: 19.04 min Scan# 2797

Delta R.T. -0.36 min

Lab File: BM006962.D

Acq: 07 Aug 2016 06:19

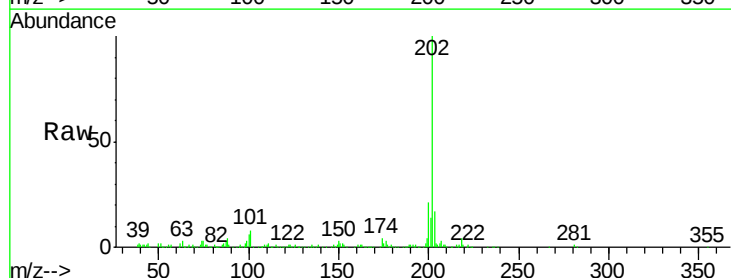
Tgt Ion:202 Resp: 255877

Ion Ratio Lower Upper

202 100

101 8.1 6.4 9.6

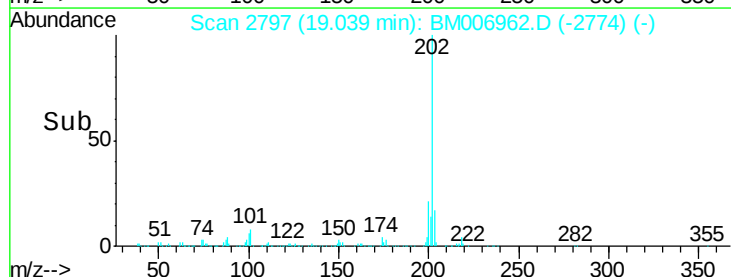
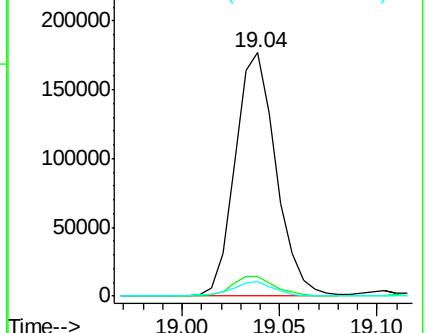
100 5.9 5.4 8.2

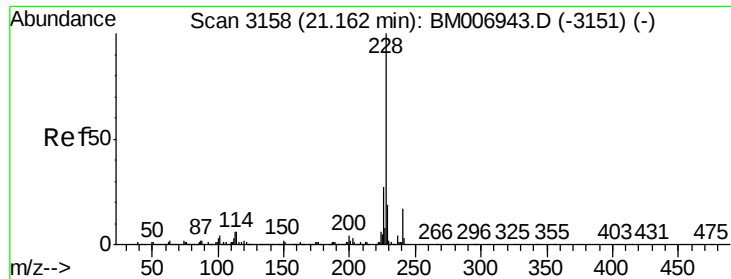


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 1.06 ng/ul

RT: 21.16 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BM006962.D

Acq: 07 Aug 2016 06:19

Instrument :

BNA_M

ClientSampleId :

DA0G0

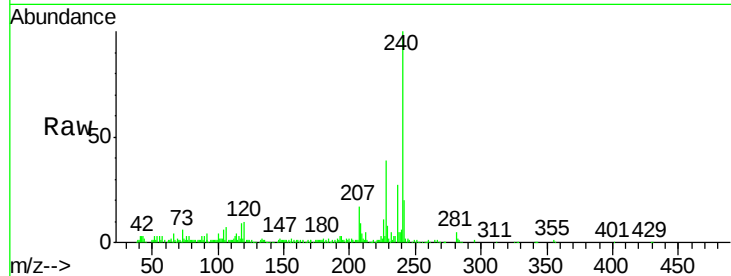
Tgt Ion:228 Resp: 98354

Ion Ratio Lower Upper

228 100

229 21.2 15.2 22.8

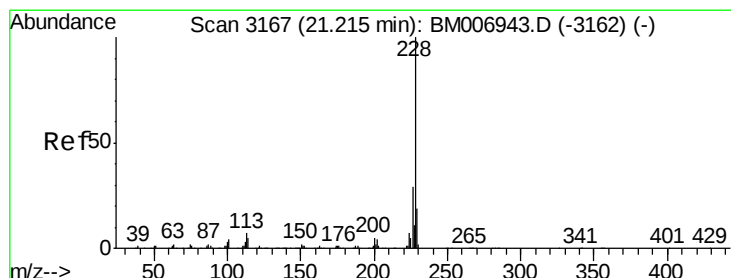
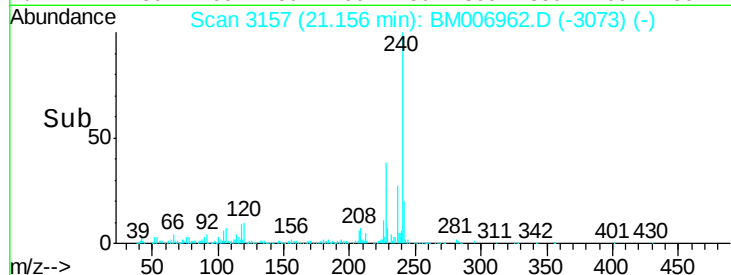
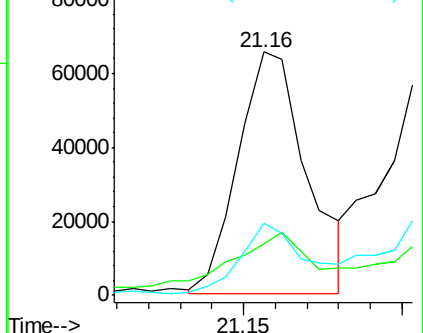
226 29.4 21.3 31.9



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: 1.21 ng/ul

RT: 21.16 min Scan# 3157

Delta R.T. -0.06 min

Lab File: BM006962.D

Acq: 07 Aug 2016 06:19

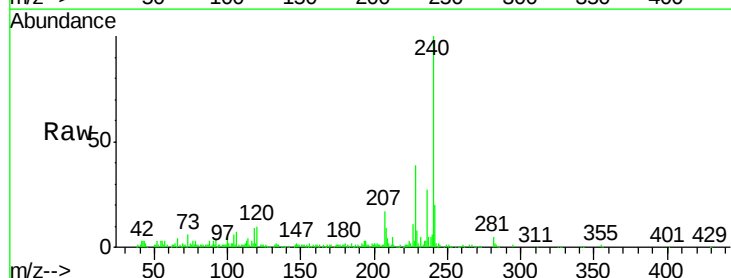
Tgt Ion:228 Resp: 98399

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.6

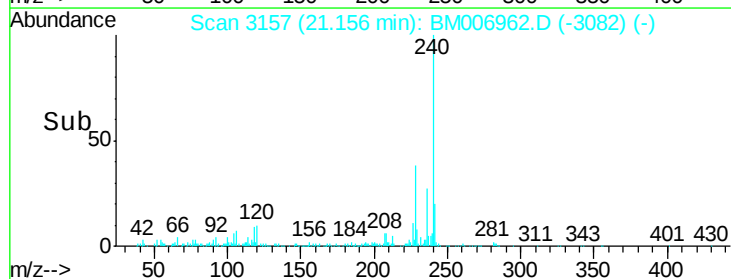
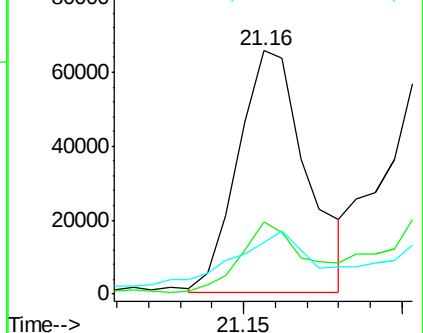
229 21.2 15.1 22.7

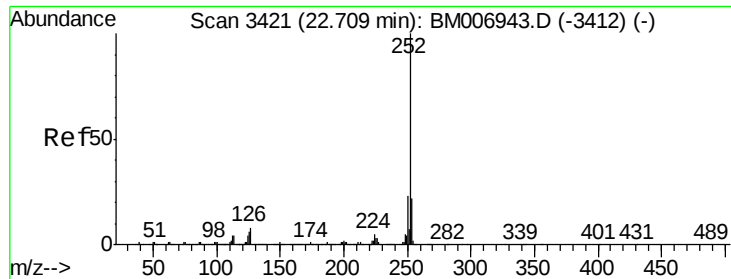


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

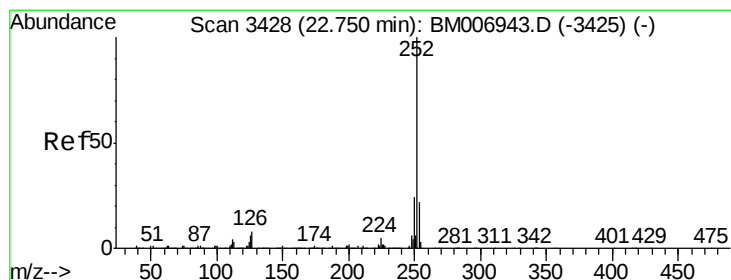
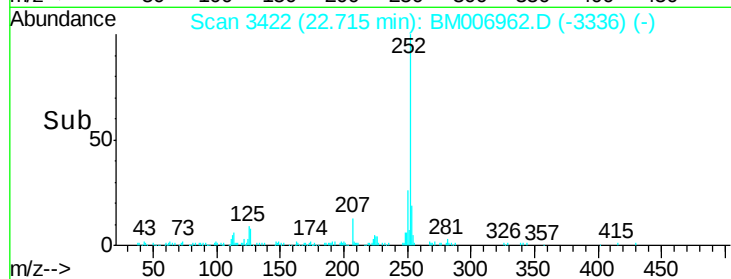
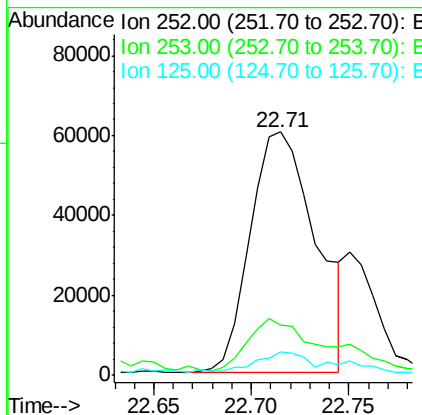
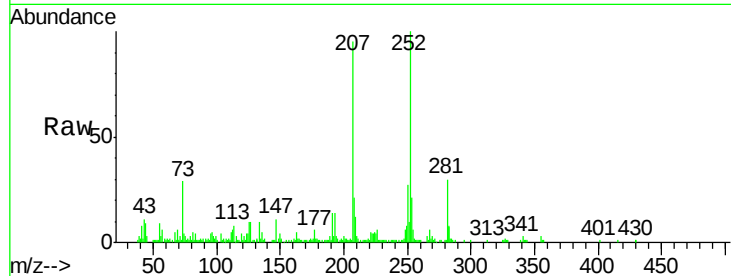




#35
Benzo(b)fluoranthene
Concen: 1.80 ng/ul
RT: 22.71 min Scan# 3422
Delta R.T. 0.01 min
Lab File: BM006962.D
Acq: 07 Aug 2016 06:19

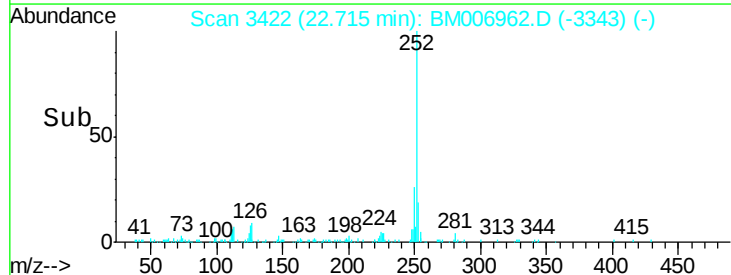
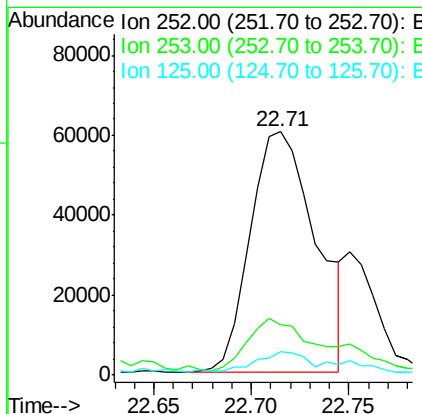
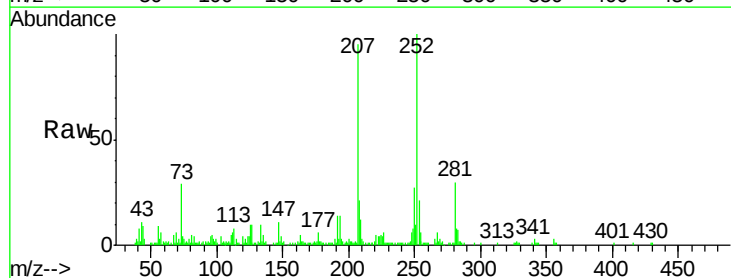
Instrument :
BNA_M
ClientSampleId :
DA0G0

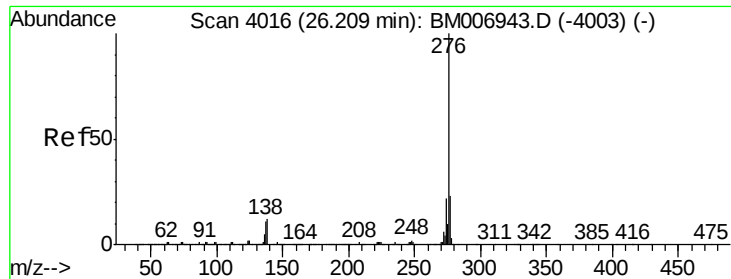
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	9.5	5.1	7.7#



#36
Benzo(k)fluoranthene
Concen: 1.87 ng/ul
RT: 22.71 min Scan# 3422
Delta R.T. -0.04 min
Lab File: BM006962.D
Acq: 07 Aug 2016 06:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.2	25.8
125	9.5	5.1	7.7#





#41

Benzo(g,h,i)perylene

Concen: 1.09 ng/ul

RT: 26.21 min Scan# 4016

Delta R.T. 0.00 min

Lab File: BM006962.D

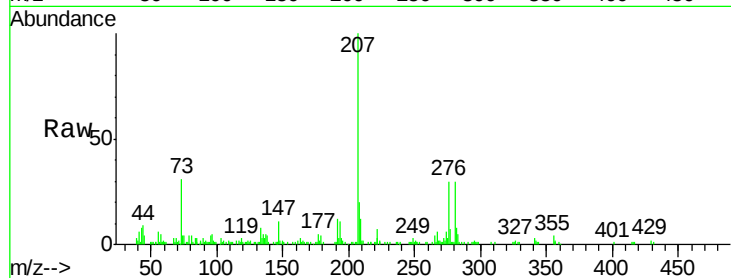
Acq: 07 Aug 2016 06:19

Instrument :

BNA_M

ClientSampleId :

DA0G0



Tgt Ion: 276 Resp: 61655

Ion Ratio Lower Upper

276 100

138 14.0 10.9 16.3

277 23.2 18.6 27.8

