

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
 Data File : BM006141.D
 Acq On : 30 Jun 2016 00:39
 Operator : UM/SJ
 Sample : H3780-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YG1

Quant Time: Jun 30 03:31:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	242835	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1154013	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	667541	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1331163	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1046752	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1080515	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.16	96	8508	1.63	ng/uL	0.00
3) Phenol-d5	6.82	99	413816	20.86	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	263111	22.49	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	323135	21.22	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	322436	20.19	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	171715	22.09	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	189027	21.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	341345	21.03	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	314330	24.50	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	1078434	22.54	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1342532	23.12	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	133509	14.71	ng/ul	0.00
21) Fluorene-d10	15.30	176	903140	22.12	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	122196	25.92	ng/ul	0.00
26) Anthracene-d10	17.14	188	1220296	22.85	ng/ul	0.00
30) Pyrene-d10	19.45	212	1139951	27.04	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1006350	23.40	ng/ul	0.00

Target Compounds

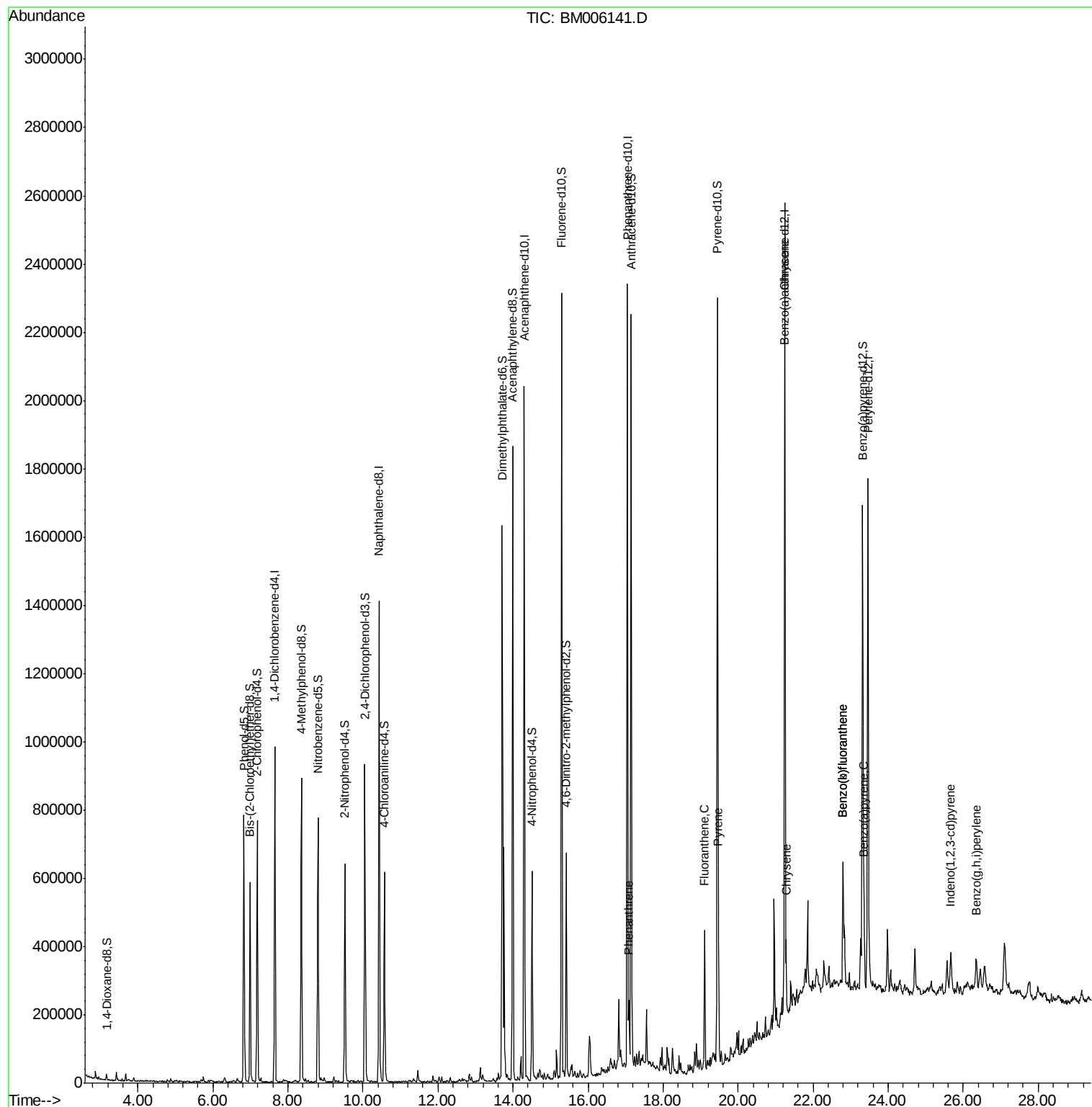
						Qvalue
25) Phenanthrene	17.09	178	114340	1.82	ng/ul	98
28) Fluoranthene	19.11	202	232349	3.01	ng/ul	98
31) Pyrene	19.47	202	196924	3.57	ng/ul	99
32) Benzo(a)anthracene	21.23	228	115686	2.13	ng/ul	97
33) Chrysene	21.28	228	128320	2.56	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	205355	3.66	ng/ul	94
36) Benzo(k)fluoranthene	22.80	252	205355	3.90	ng/ul	95
38) Benzo(a)pyrene	23.36	252	133683	2.52	ng/ul#	97
39) Indeno(1,2,3-cd)pyrene	25.67	276	115172	2.09	ng/ul#	93
41) Benzo(g,h,i)perylene	26.36	276	115214	2.50	ng/ul	99

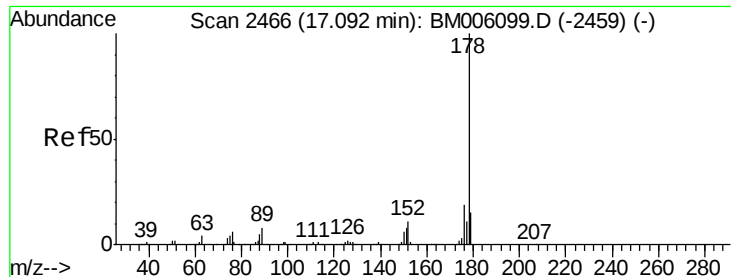
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.82 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM006141.D

Acq: 30 Jun 2016 00:39

Instrument :

BNA_M

ClientSampleId :

D9YG1

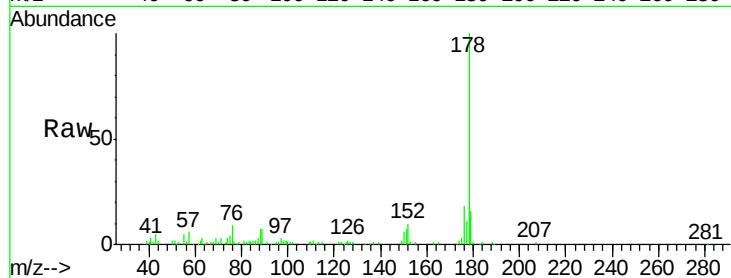
Tgt Ion:178 Resp: 114340

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

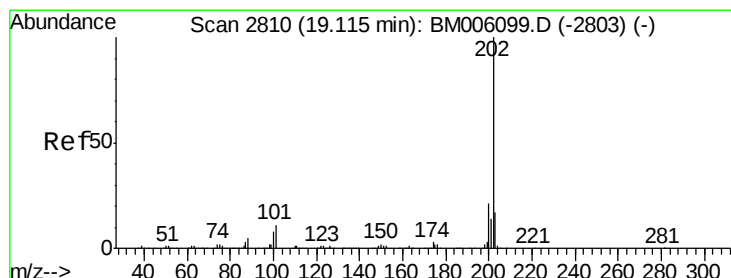
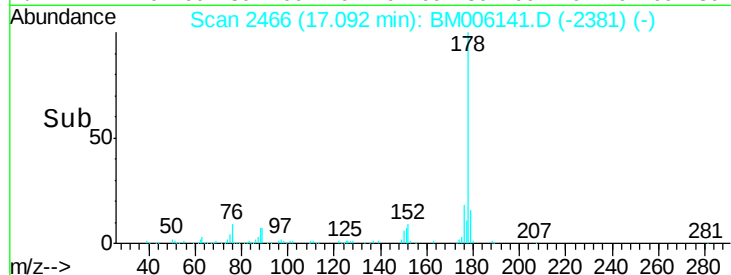
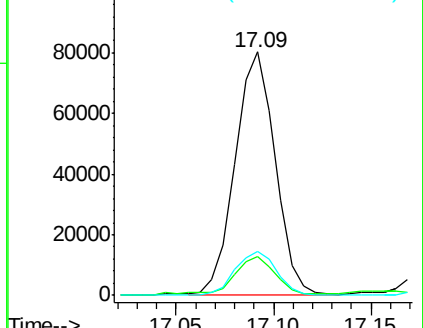
176 17.9 15.3 22.9



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: 3.01 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM006141.D

Acq: 30 Jun 2016 00:39

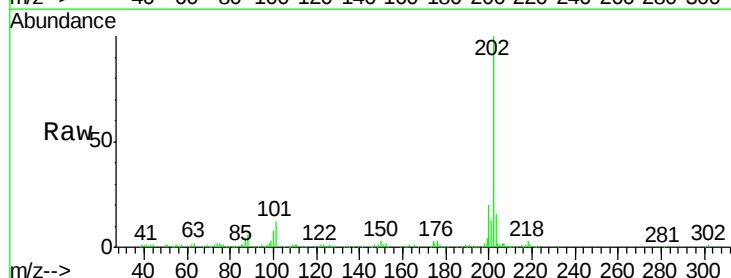
Tgt Ion:202 Resp: 232349

Ion Ratio Lower Upper

202 100

101 12.0 8.5 12.7

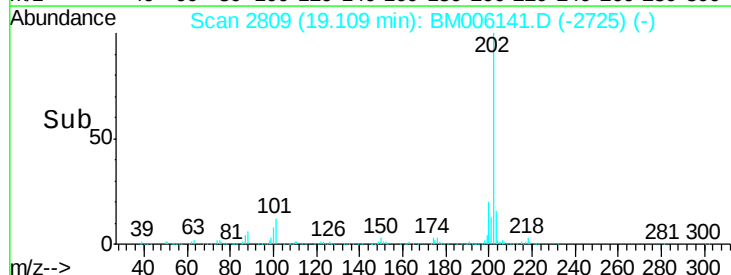
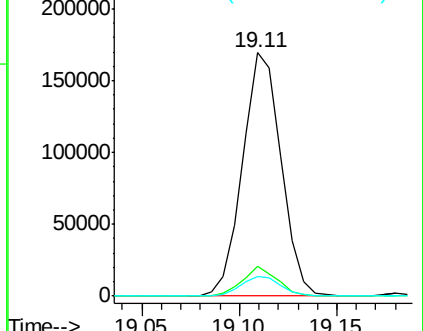
100 8.1 6.5 9.7

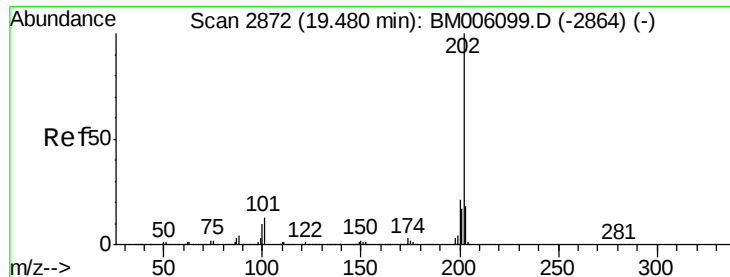


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

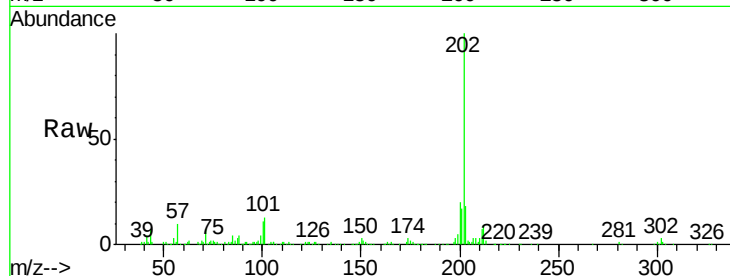




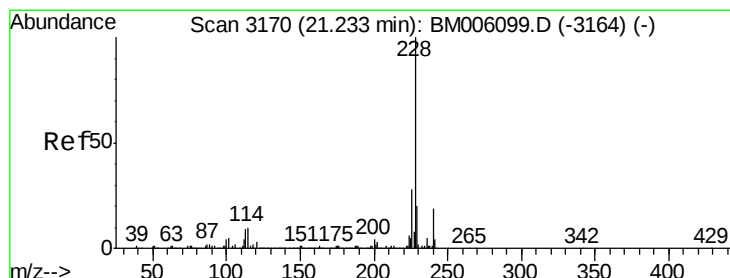
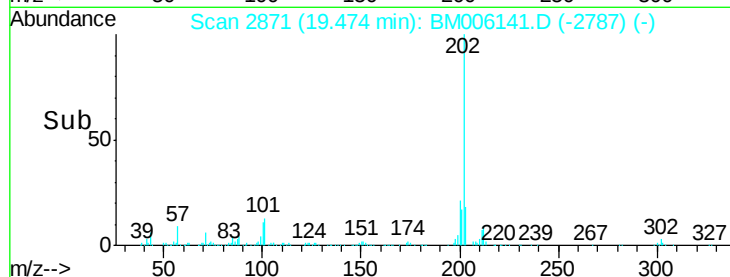
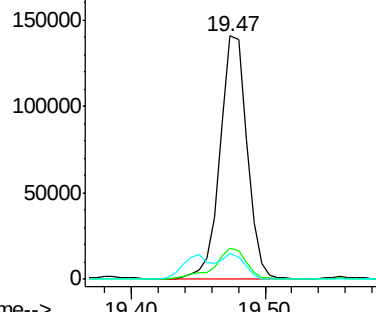
#31
Pyrene
Concen: 3.57 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

Instrument :
BNA_M
ClientSampleId :
D9YG1

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.0	16.4
100	10.9	8.9	13.3

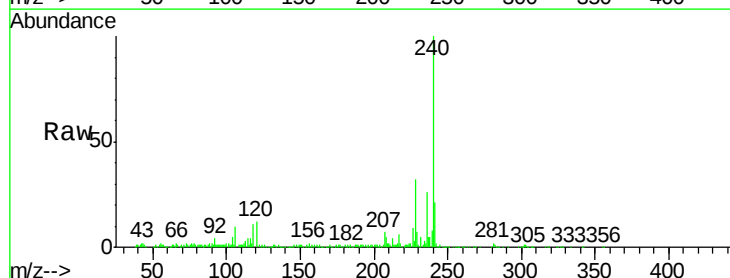


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

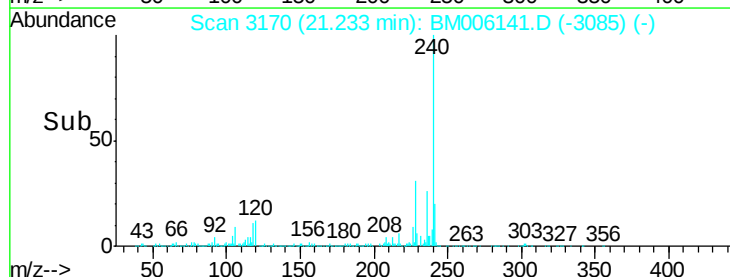
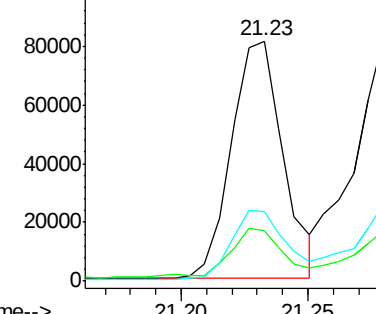


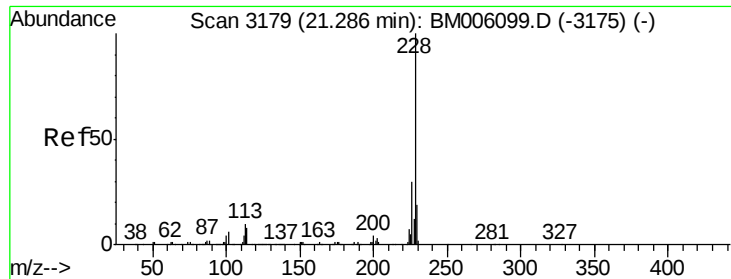
#32
Benzo(a)anthracene
Concen: 2.13 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.8	21.6	32.4



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: 2.56 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BM006141.D

Acq: 30 Jun 2016 00:39

Instrument :

BNA_M

ClientSampleId :

D9YG1

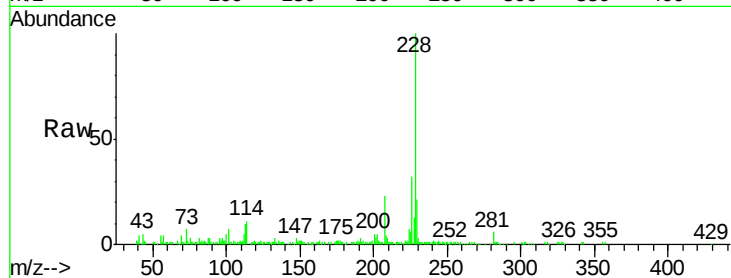
Tgt Ion:228 Resp: 128320

Ion Ratio Lower Upper

228 100

226 31.6 23.8 35.6

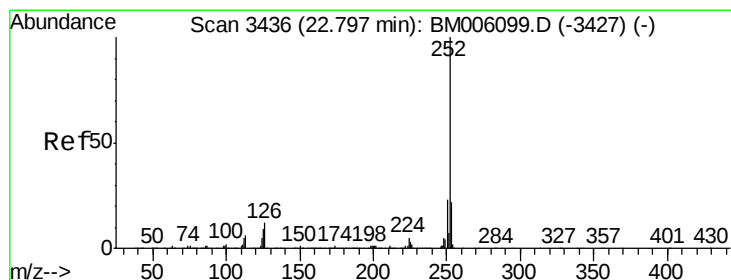
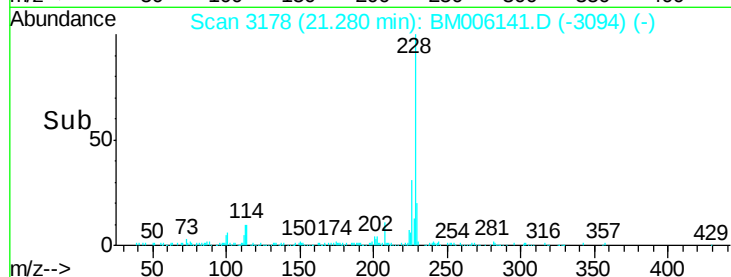
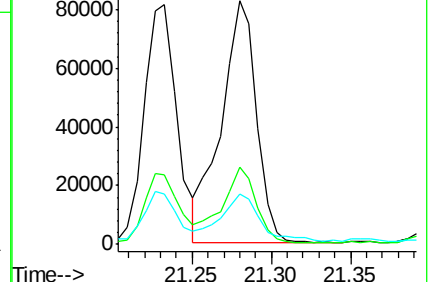
229 20.7 15.8 23.6



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: 3.66 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. 0.00 min

Lab File: BM006141.D

Acq: 30 Jun 2016 00:39

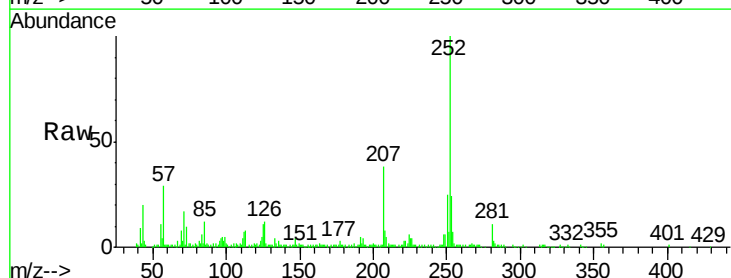
Tgt Ion:252 Resp: 205355

Ion Ratio Lower Upper

252 100

253 24.4 17.2 25.8

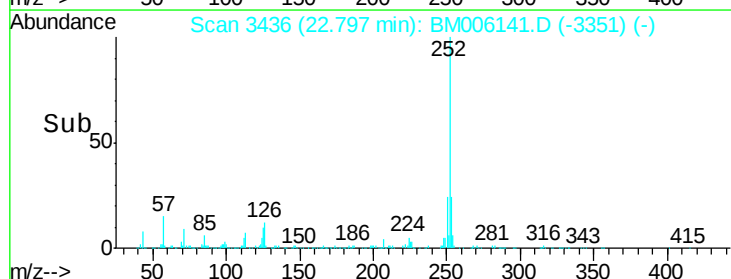
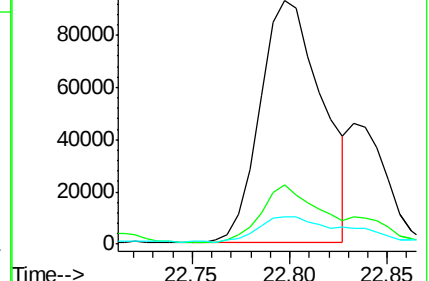
125 11.4 7.8 11.6

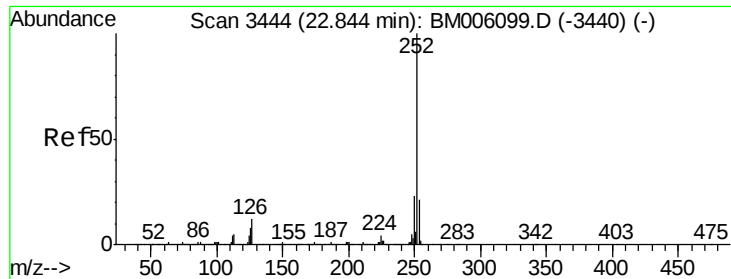


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

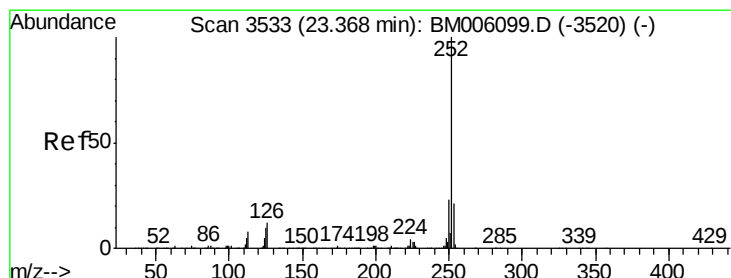
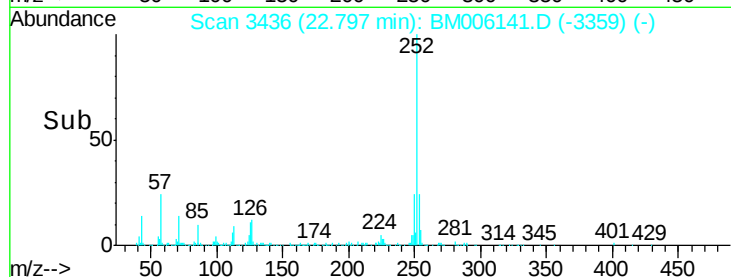
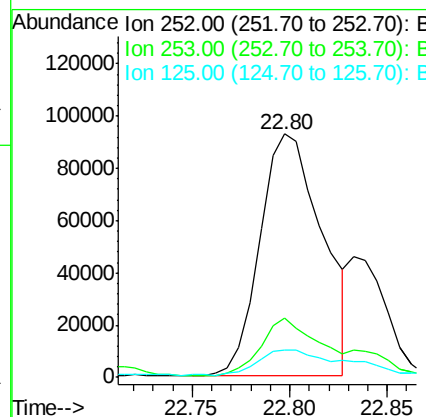
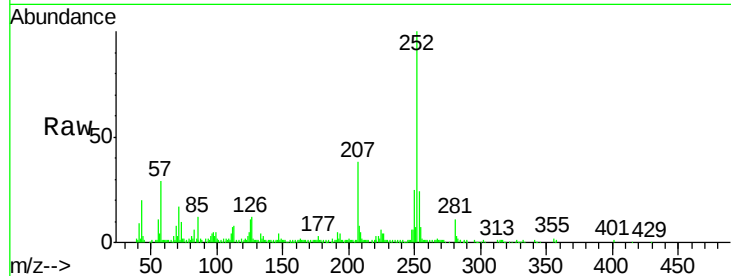




#36
Benzo(k)fluoranthene
Concen: 3.90 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

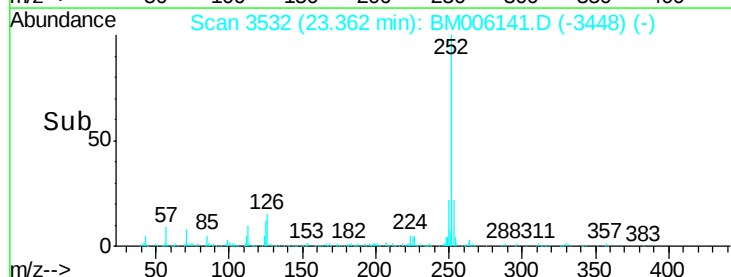
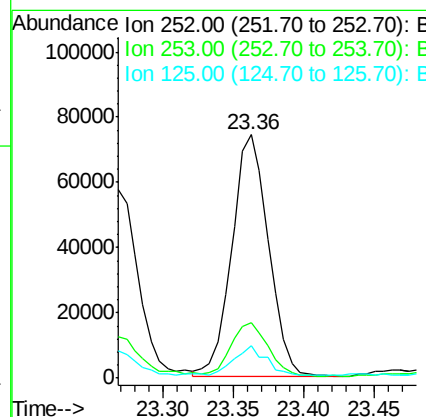
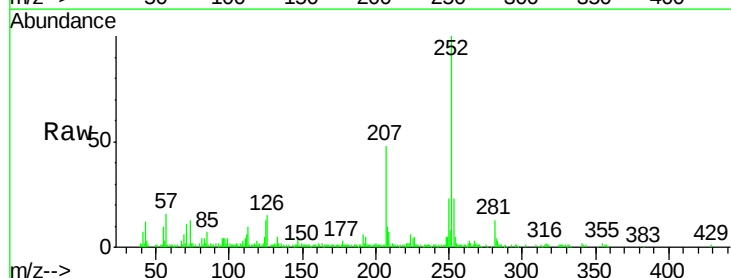
Instrument :
BNA_M
ClientSampleId :
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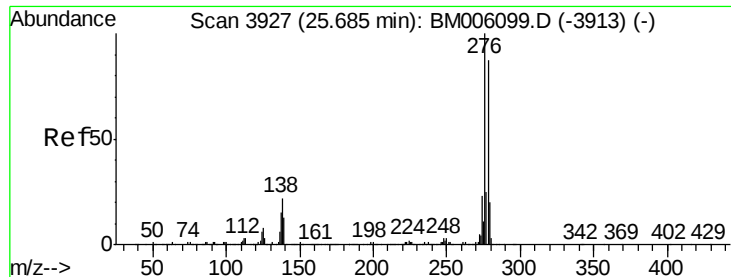
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	11.4	8.1	12.1



#38
Benzo(a)pyrene
Concen: 2.52 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	13.2	8.7	13.1#





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.09 ng/ul

RT: 25.67 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BM006141.D

Acq: 30 Jun 2016 00:39

Instrument :

BNA_M

ClientSampleId :

D9YG1

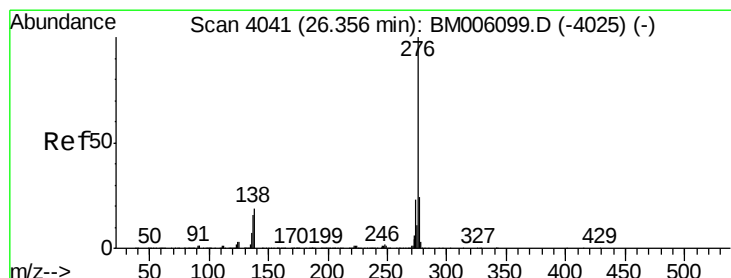
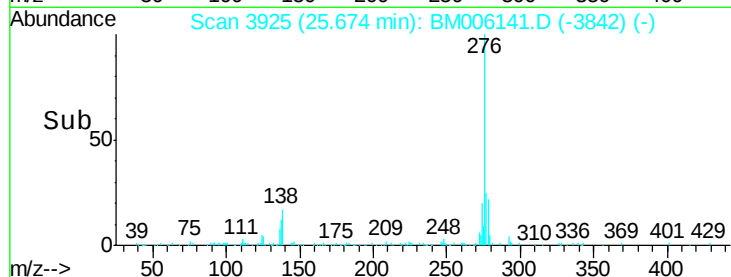
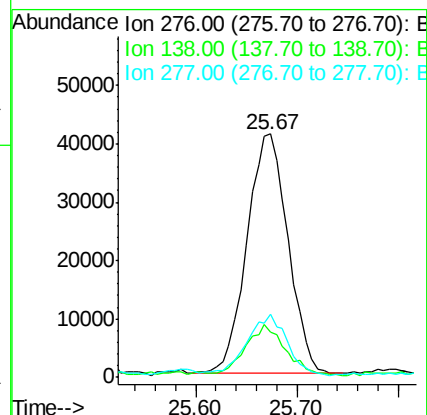
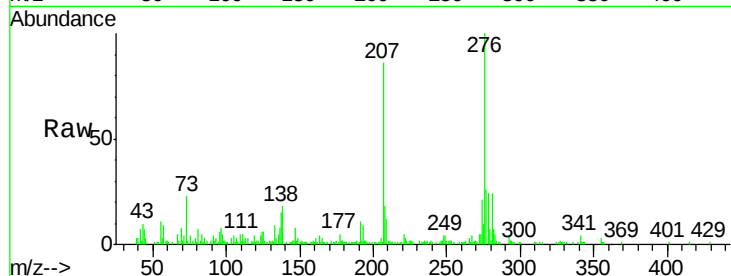
Tgt Ion:276 Resp: 115172

Ion Ratio Lower Upper

276 100

138 18.3 20.4 30.6#

277 26.0 20.6 30.8



#41

Benzo(g,h,i)perylene

Concen: 2.50 ng/ul

RT: 26.36 min Scan# 4041

Delta R.T. 0.00 min

Lab File: BM006141.D

Acq: 30 Jun 2016 00:39

Tgt Ion:276 Resp: 115214

Ion Ratio Lower Upper

276 100

138 19.9 16.6 25.0

277 23.6 18.9 28.3

