

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
 Data File : BM005667.D
 Acq On : 06 Jun 2016 13:25
 Operator : UM/SJ
 Sample : H3412-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XT1

Quant Time: Jun 07 04:25:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 07 04:25:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	112125	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	492433	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	245710	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	471269	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	438808	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	459530	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.22	96	2718	1.02	ng/uL	0.00
3) Phenol-d5	6.94	99	85682	8.69	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	69650	11.61	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	81973	10.08	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	40093	5.14	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	40899	10.82	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	41707	10.31	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	70312	9.78	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	84438	9.88	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	226920	12.01	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	286411	11.66	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	12577	4.65	ng/ul	0.00
21) Fluorene-d10	15.39	176	194831	12.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	10761	4.85	ng/ul	0.00
26) Anthracene-d10	17.24	188	267303	11.94	ng/ul	0.00
30) Pyrene-d10	19.53	212	283507	12.85	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	262230	12.40	ng/ul	0.00

Target Compounds

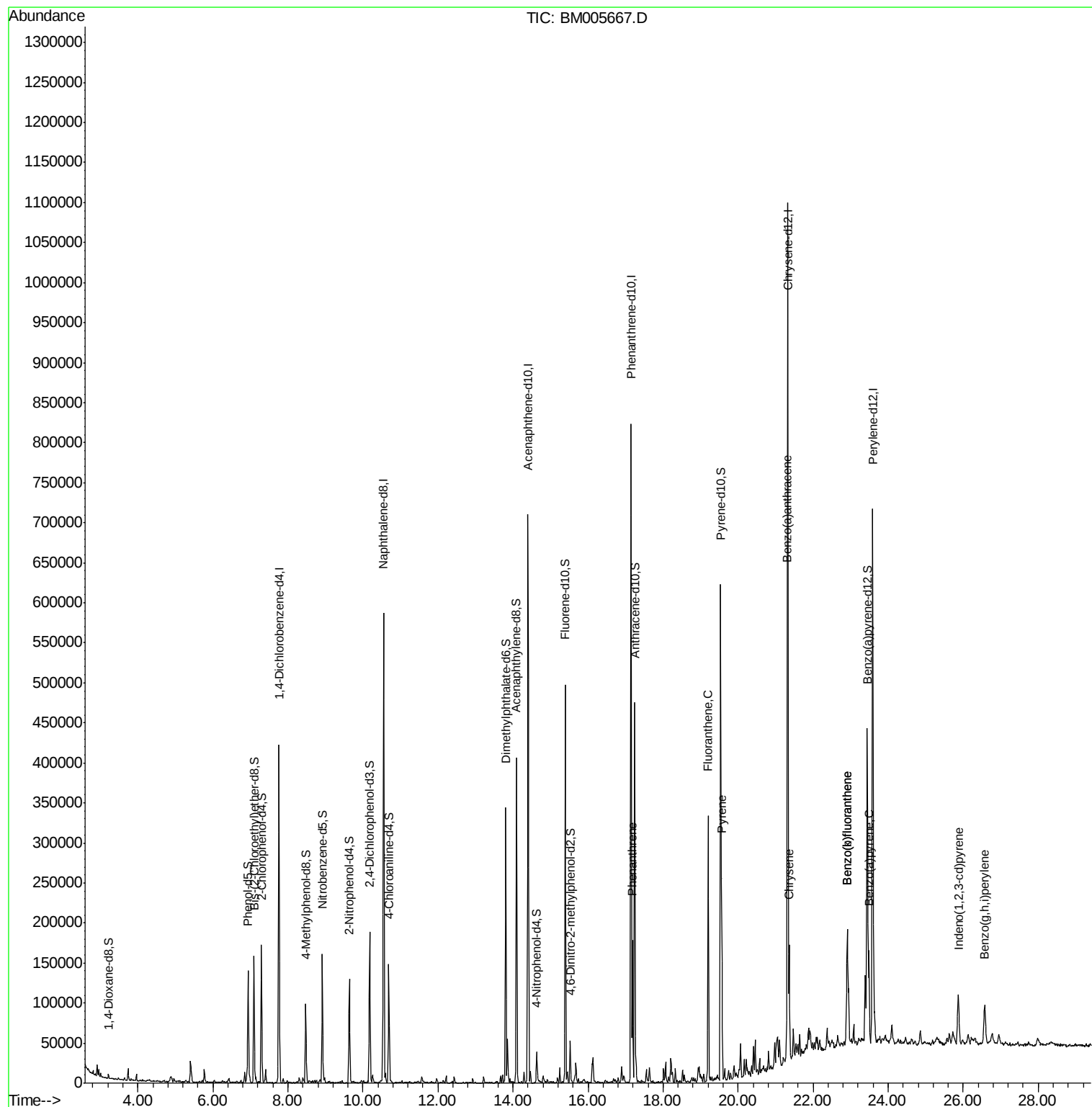
						Qvalue
25) Phenanthrene	17.19	178	102760	3.95	ng/ul	98
28) Fluoranthene	19.20	202	188917	7.11	ng/ul	99
31) Pyrene	19.56	202	155342	5.61	ng/ul	98
32) Benzo(a)anthracene	21.31	228	87567	3.40	ng/ul	98
33) Chrysene	21.36	228	79437	3.27	ng/ul	95
35) Benzo(b)fluoranthene	22.91	252	121646	4.39	ng/ul	98
36) Benzo(k)fluoranthene	22.91	252	121646	4.68	ng/ul	98
38) Benzo(a)pyrene	23.49	252	80138	3.00	ng/ul#	97
39) Indeno(1,2,3-cd)pyrene	25.87	276	60761	1.93	ng/ul	96
41) Benzo(g,h,i)perylene	26.57	276	61495	2.32	ng/ul#	92

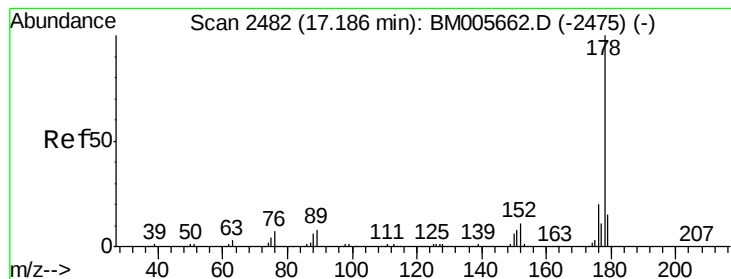
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Phenanthrene

Concen: 3.95 ng/ul

RT: 17.19 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BM005667.D

Acq: 06 Jun 2016 13:25

Instrument :

BNA_M

ClientSampleId :

D9XT1

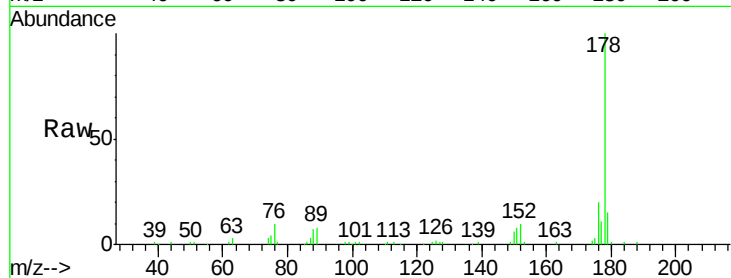
Tgt Ion:178 Resp: 102760

Ion Ratio Lower Upper

178 100

179 14.9 11.8 17.8

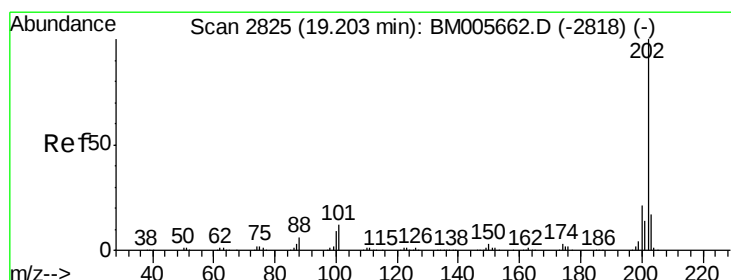
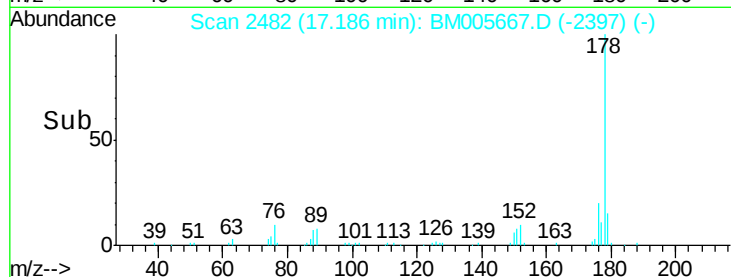
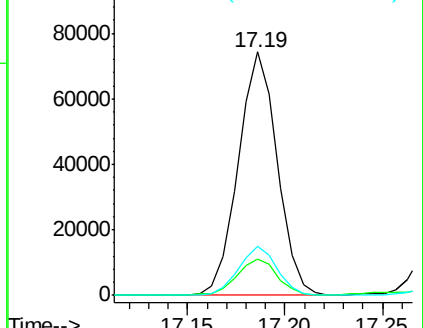
176 20.1 14.8 22.2



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: 7.11 ng/ul

RT: 19.20 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM005667.D

Acq: 06 Jun 2016 13:25

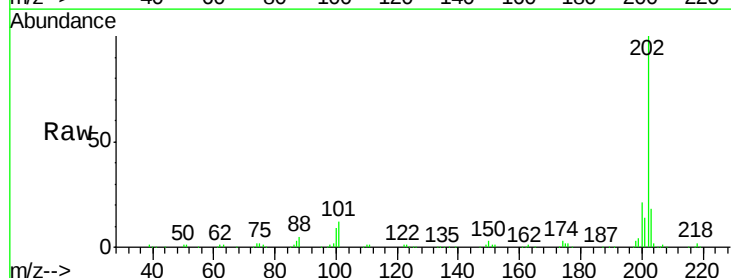
Tgt Ion:202 Resp: 188917

Ion Ratio Lower Upper

202 100

101 11.8 8.9 13.3

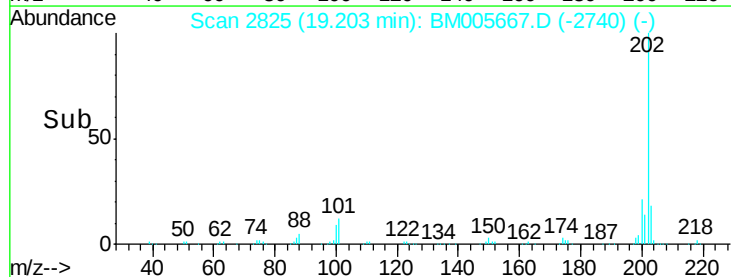
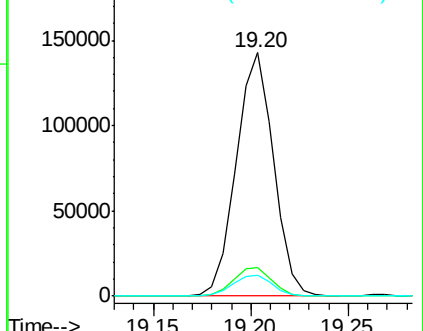
100 8.8 7.0 10.4

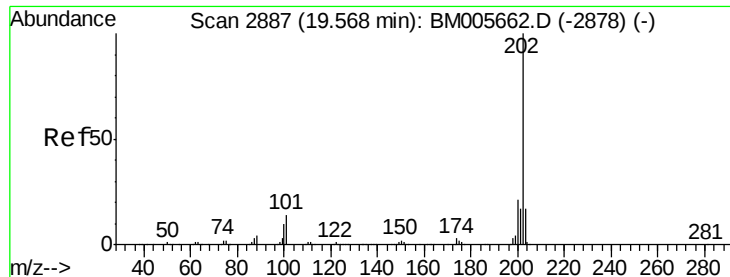


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

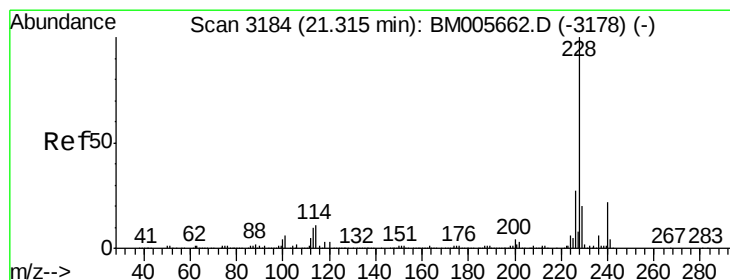
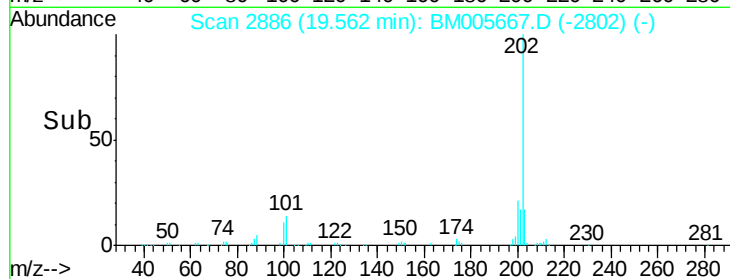
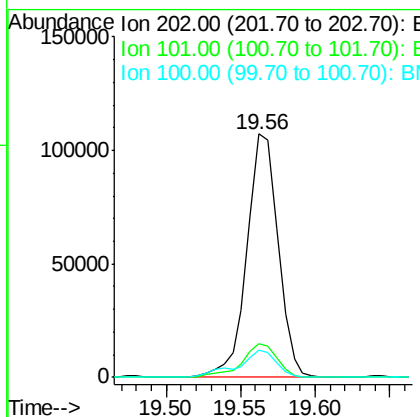
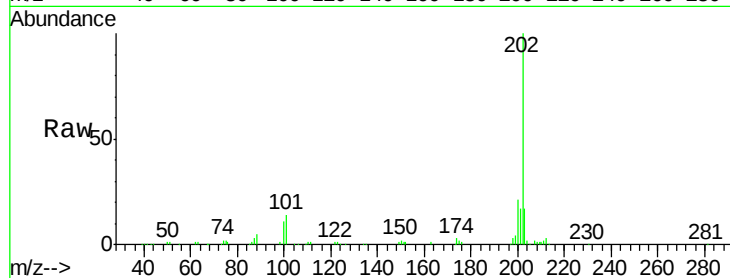




#31
 Pyrene
 Concen: 5.61 ng/ul
 RT: 19.56 min Scan# 2886
 Delta R.T. -0.01 min
 Lab File: BM005667.D
 Acq: 06 Jun 2016 13:25

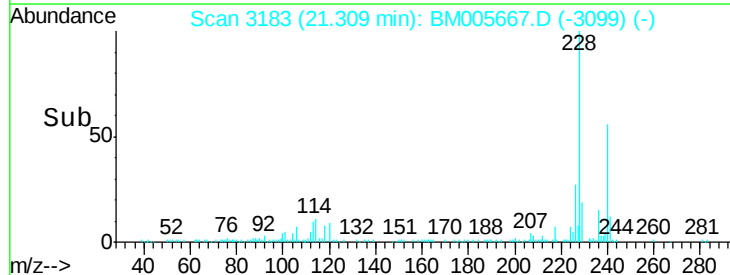
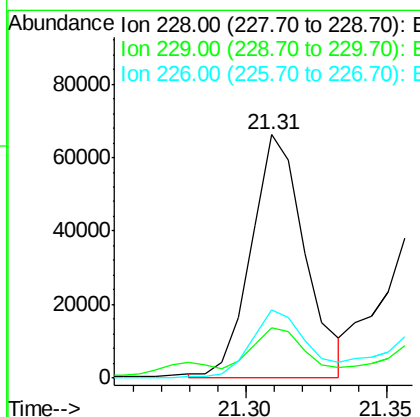
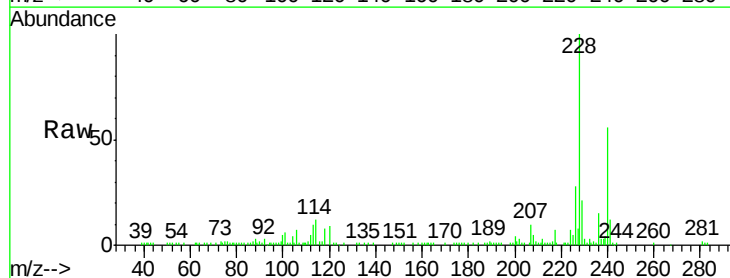
Instrument :
 BNA_M
 ClientSampled :
 D9XT1

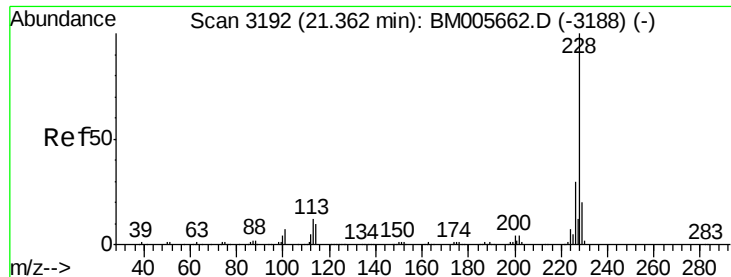
Tgt Ion:	202	Resp:	155342
Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.8	14.8
100	11.4	9.3	13.9



#32
 Benzo(a)anthracene
 Concen: 3.40 ng/ul
 RT: 21.31 min Scan# 3183
 Delta R.T. -0.01 min
 Lab File: BM005667.D
 Acq: 06 Jun 2016 13:25

Tgt Ion:	228	Resp:	87567
Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.6	25.0
226	27.8	21.0	31.4





#33

Chrysene

Concen: 3.27 ng/ul

RT: 21.36 min Scan# 3192

Delta R.T. 0.00 min

Lab File: BM005667.D

Acq: 06 Jun 2016 13:25

Instrument :

BNA_M

ClientSampleId :

D9XT1

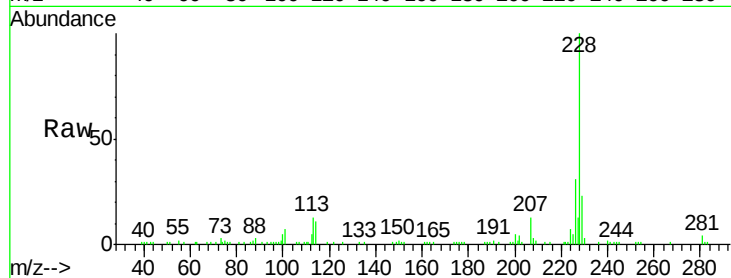
Tgt Ion:228 Resp: 79437

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.2

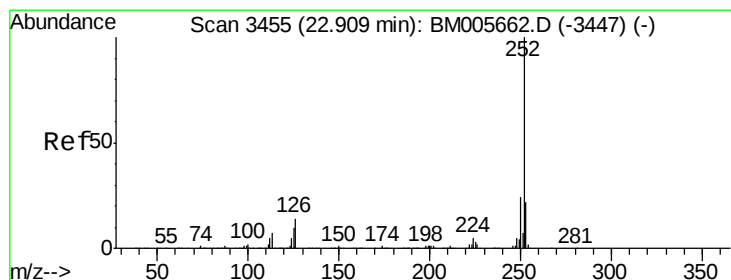
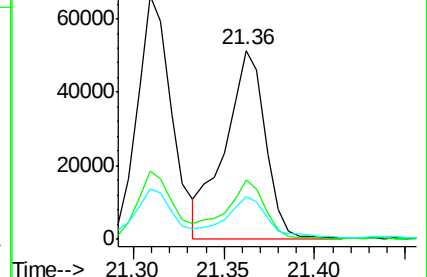
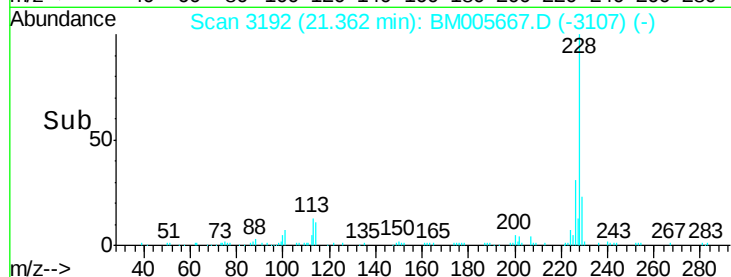
229 22.7 16.2 24.2



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: 4.39 ng/ul

RT: 22.91 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BM005667.D

Acq: 06 Jun 2016 13:25

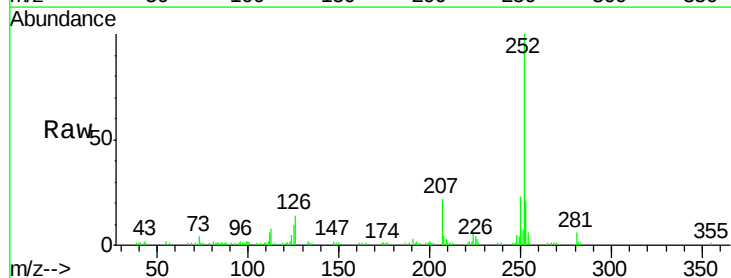
Tgt Ion:252 Resp: 121646

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

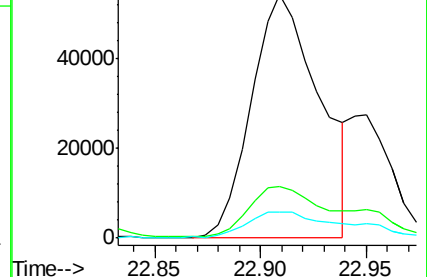
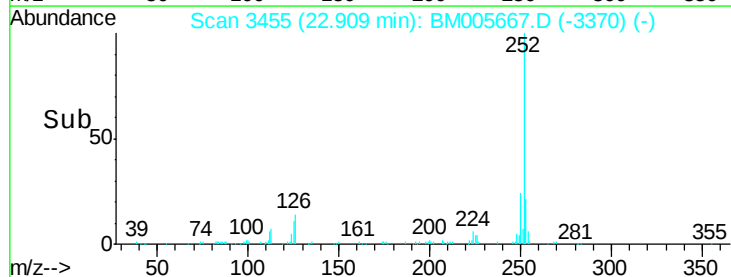
125 10.5 7.6 11.4

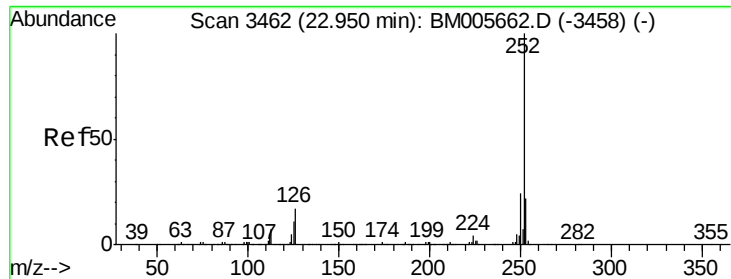


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

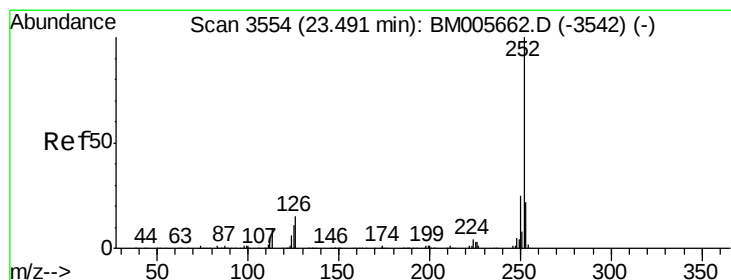
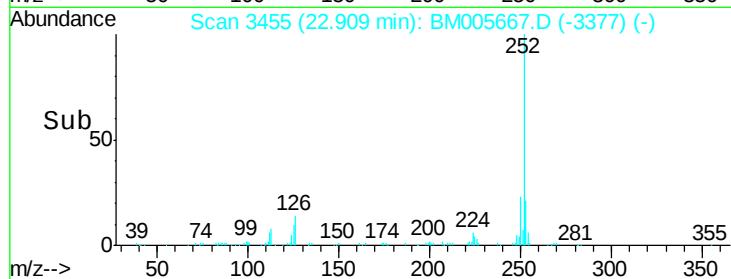
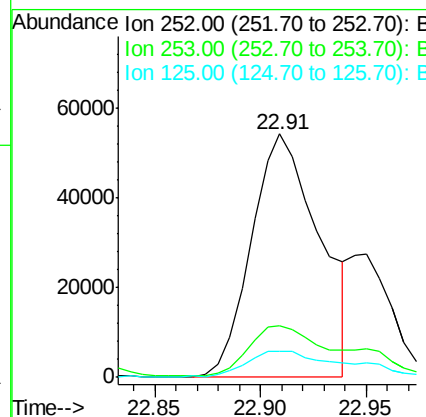
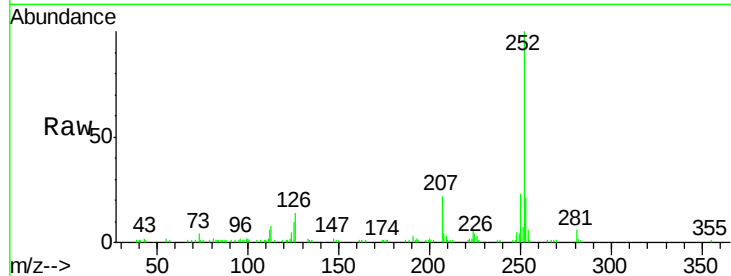




#36
Benzo(k)fluoranthene
Concen: 4.68 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

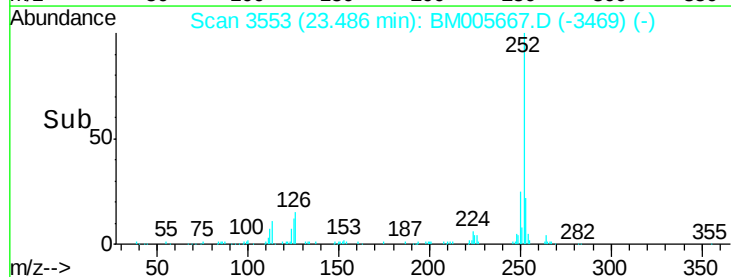
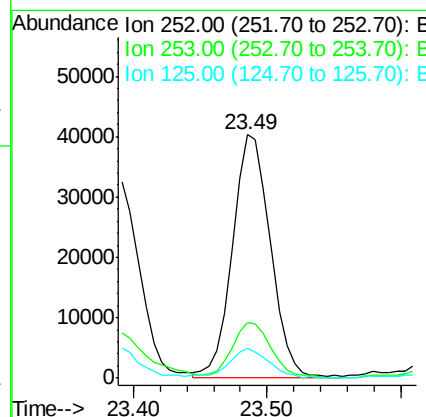
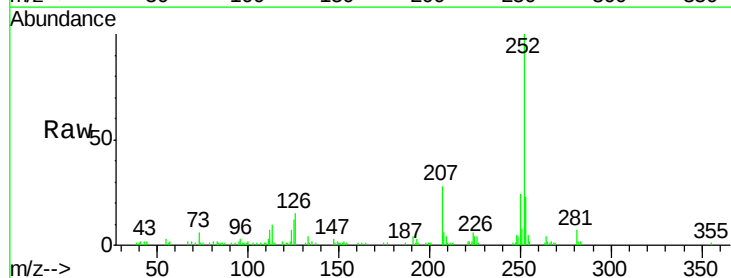
Instrument :
BNA_M
ClientSampleId :
D9XT1

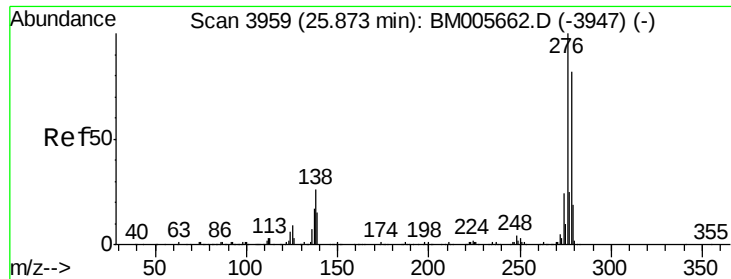
Tgt Ion:252 Resp: 121646
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 10.5 7.7 11.5



#38
Benzo(a)pyrene
Concen: 3.00 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

Tgt Ion:252 Resp: 80138
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 12.3 8.2 12.2#





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.93 ng/ul

RT: 25.87 min Scan# 3959

Delta R.T. 0.00 min

Lab File: BM005667.D

Acq: 06 Jun 2016 13:25

Instrument :

BNA_M

ClientSampleId :

D9XT1

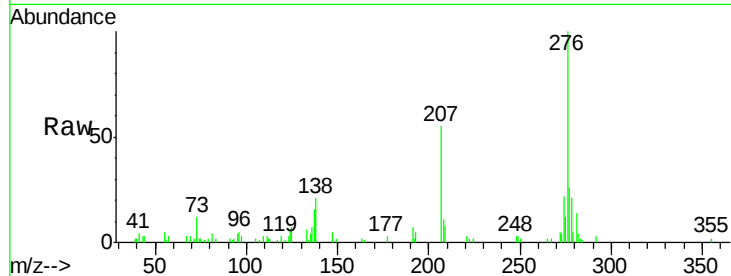
Tgt Ion:276 Resp: 60761

Ion Ratio Lower Upper

276 100

138 21.4 15.8 23.6

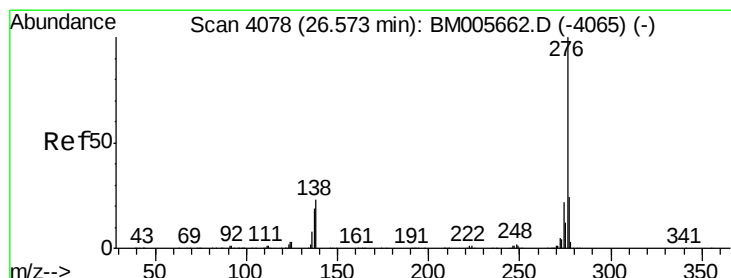
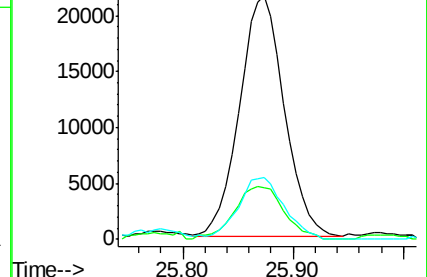
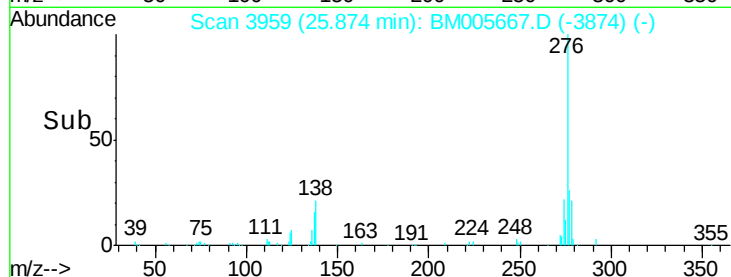
277 25.6 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#41

Benzo(g,h,i)perylene

Concen: 2.32 ng/ul

RT: 26.57 min Scan# 4078

Delta R.T. 0.00 min

Lab File: BM005667.D

Acq: 06 Jun 2016 13:25

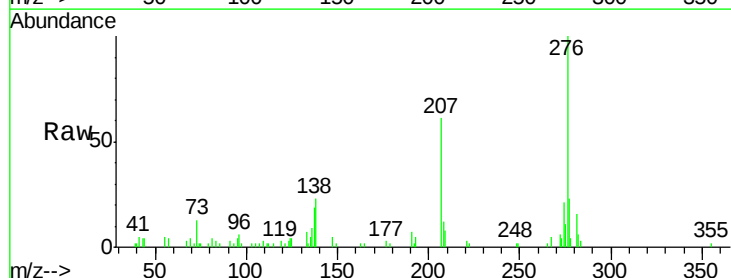
Tgt Ion:276 Resp: 61495

Ion Ratio Lower Upper

276 100

138 23.4 13.9 20.9#

277 23.0 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

