

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
 Data File : BM010664.D
 Acq On : 22 Jun 2017 17:46
 Operator : SJ/JU
 Sample : I3627-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A03

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:25:21 AM

Quant Time: Jun 23 05:02:12 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 23 01:03:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	52005	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	230761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	162553	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	415325	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	487617	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	405617	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4507	4.97	ng/uL	0.00
5) Phenol-d5	6.65	99	104380	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	62704	22.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	80690	23.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	92358	22.49	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	42477	25.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	50100	26.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	101557	25.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	107654	25.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	400532	28.07	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	435192	26.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	45709	18.20	ng/ul	0.00
57) Fluorene-d10	15.12	176	332852	26.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	54907	21.53	ng/ul	0.00
70) Anthracene-d10	16.97	188	545133m	27.18	ng/ul	0.00
76) Pyrene-d10	19.27	212	650671	28.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	574241	29.29	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.67	94	11627	2.279	ng/ul#	90
44) Dimethylphthalate	13.58	163	152052	10.871	ng/ul	99
74) Fluoranthene	18.94	202	104581	3.675	ng/ul#	96
77) Pyrene	19.30	202	242207	8.600	ng/ul	98
80) Benzo(a)anthracene	21.07	228	116465	4.101	ng/ul	99
82) Chrysene	21.12	228	118834m	4.694	ng/ul	
85) Benzo(b)fluoranthene	22.59	252	253895	9.643	ng/ul	99
86) Benzo(k)fluoranthene	22.62	252	71585m	2.868	ng/ul	
88) Benzo(a)pyrene	23.13	252	114911	4.741	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	69922	2.781	ng/ul	99
91) Benzo(g,h,i)perylene	25.97	276	43405	2.169	ng/ul#	94

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

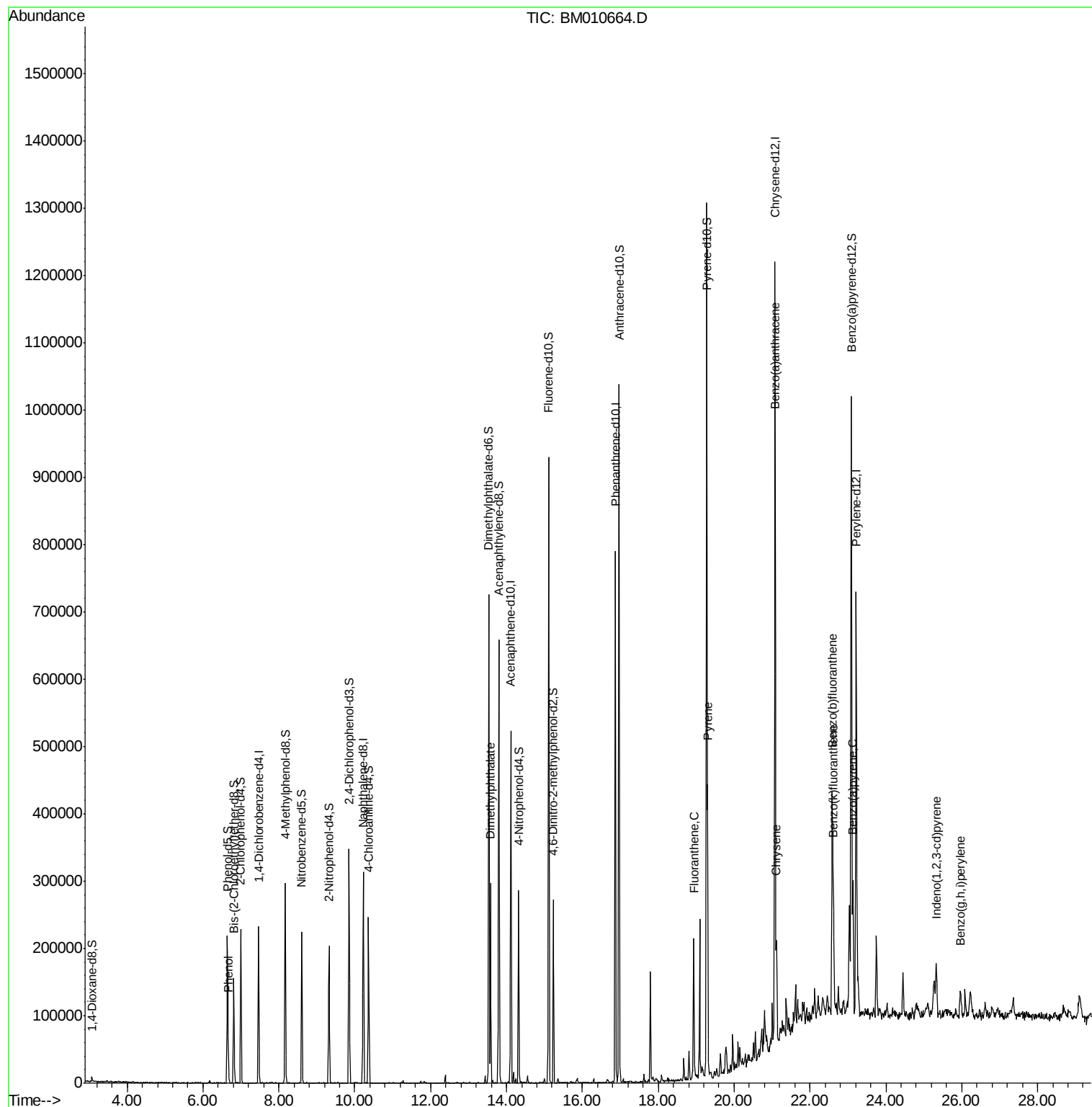
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010664.D
Acq On : 22 Jun 2017 17:46
Operator : SJ/JU
Sample : I3627-01
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ALS Vial : 16 Sample Multiplier: 1

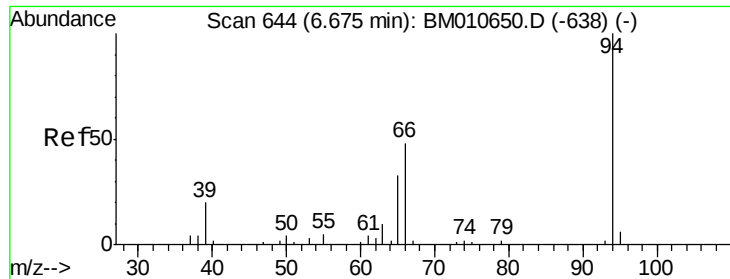
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 01:03:57 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.279 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Instrument :

BNA_M

ClientSampled :

F5A03

Tgt Ion: 94 Resp: 11627

Ion Ratio Lower Upper

94 100

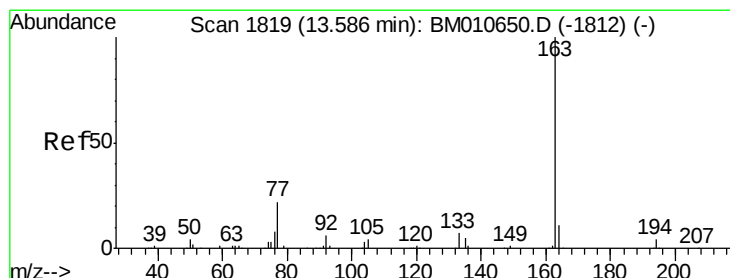
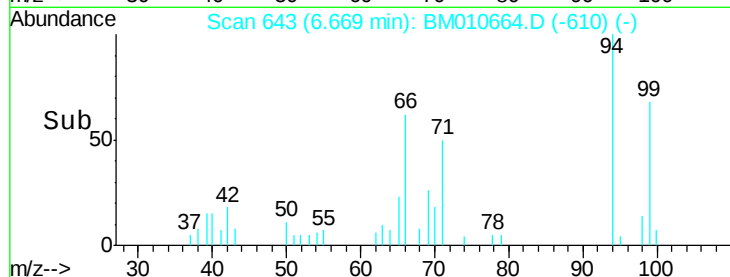
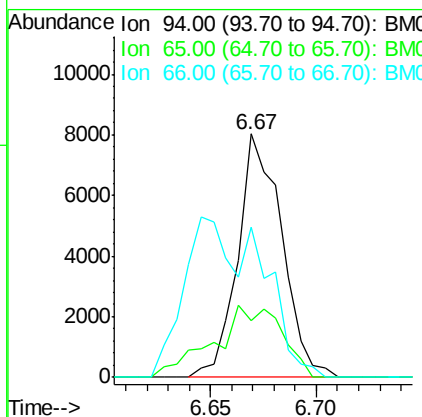
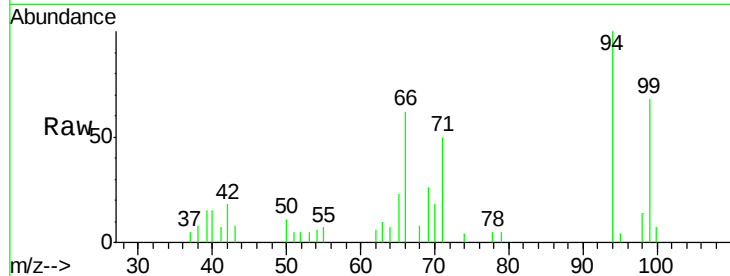
65 23.5 28.2 42.4#

66 61.7 47.2 70.8

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#44

Dimethylphthalate

Concen: 10.871 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

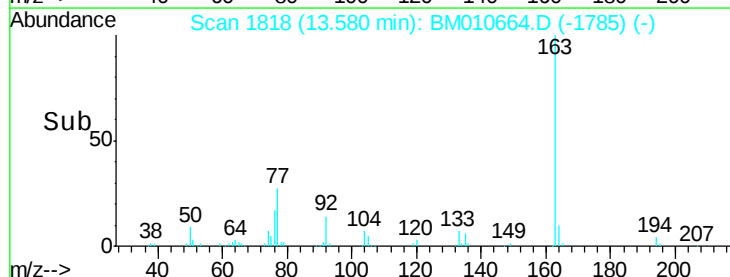
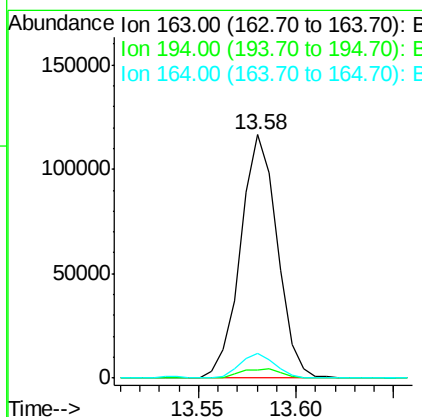
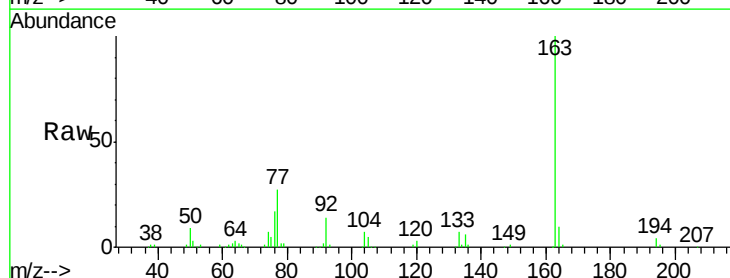
Tgt Ion: 163 Resp: 152052

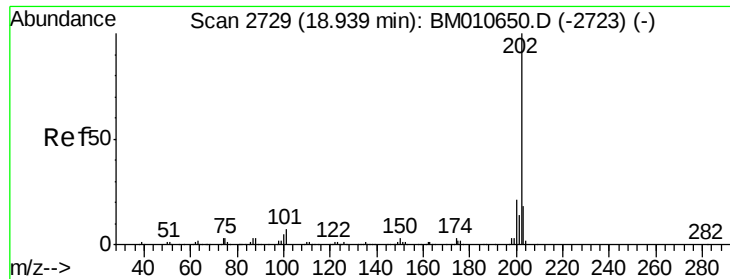
Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3

164 10.2 8.2 12.4





#74

Fluoranthene

Concen: 3.675 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Instrument :

BNA_M

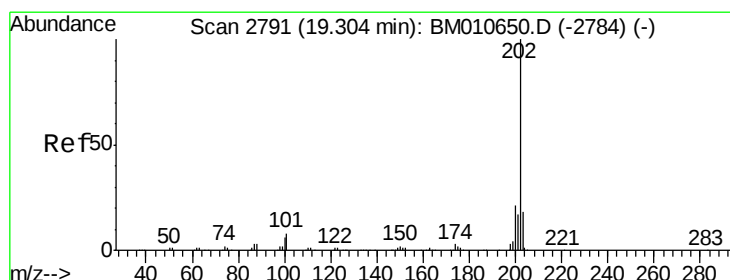
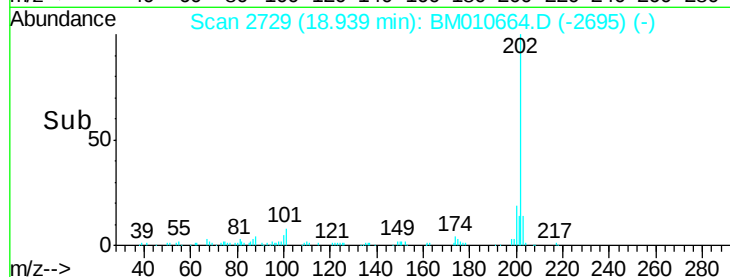
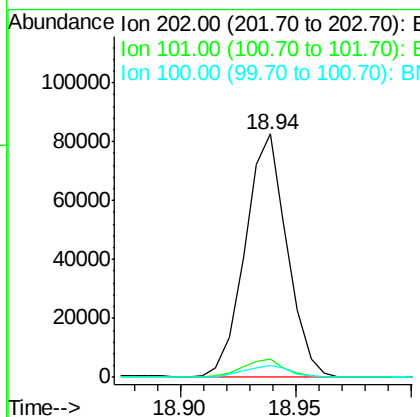
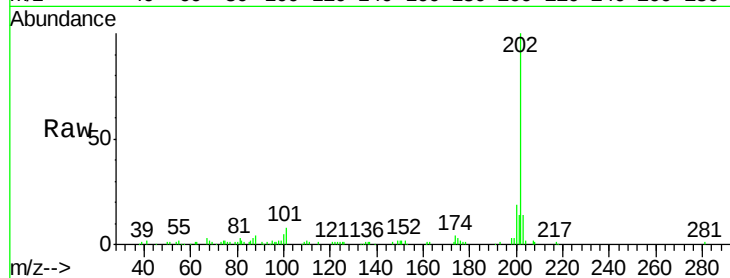
ClientSampleId :

F5A03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	104581		
101	7.6	4.6	7.0#	
100	4.8	3.4	5.2	

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#77

Pyrene

Concen: 8.600 ng/ul

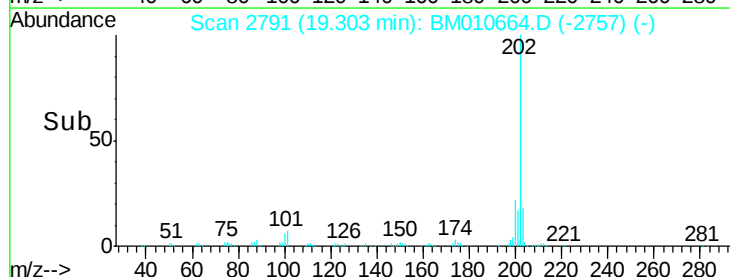
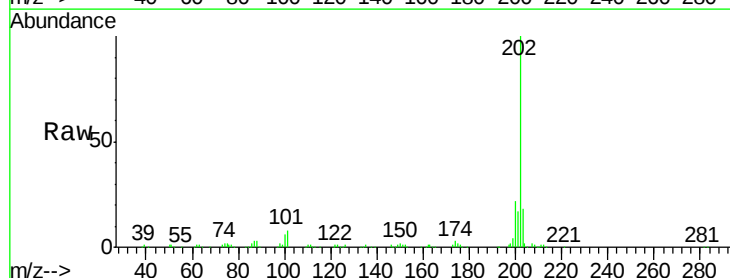
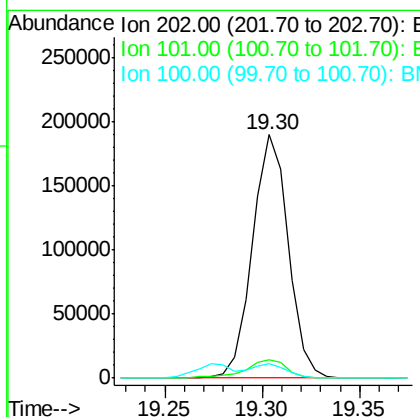
RT: 19.30 min Scan# 2791

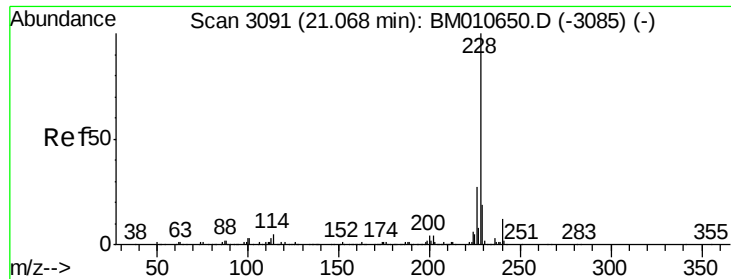
Delta R.T. -0.00 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	242207		
101	7.5	5.1	7.7	
100	5.8	4.9	7.3	





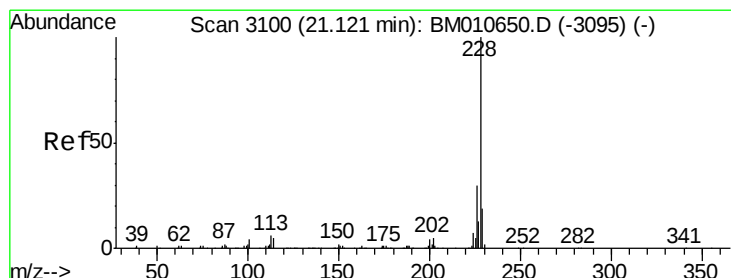
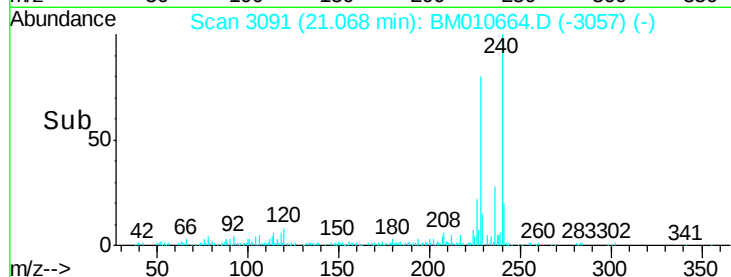
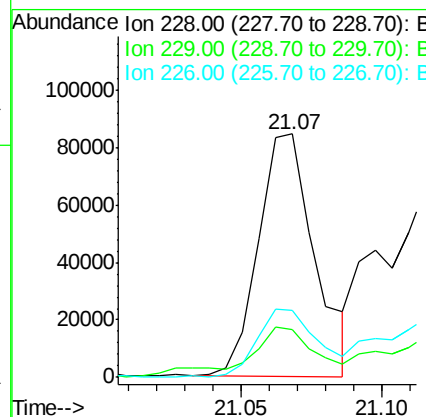
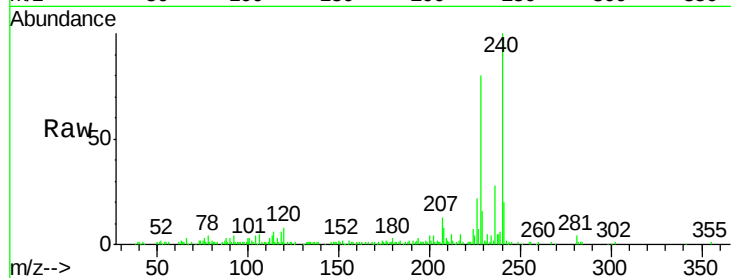
#80
Benzo(a)anthracene
Concen: 4.101 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010664.D
Acq: 22 Jun 2017 17:46

Instrument :
BNA_M
ClientSampleId :
F5A03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	116465		
229	19.7	15.4	23.0	
226	27.5	21.4	32.0	

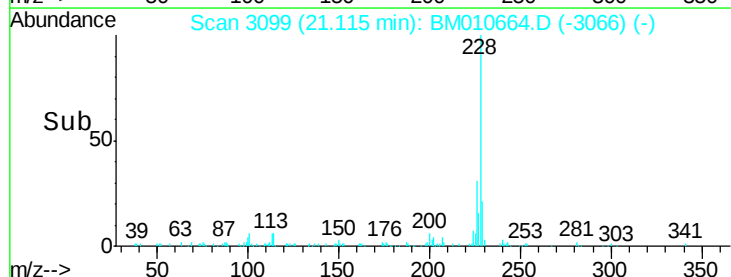
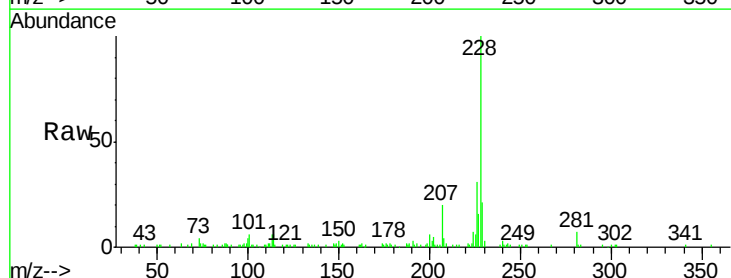
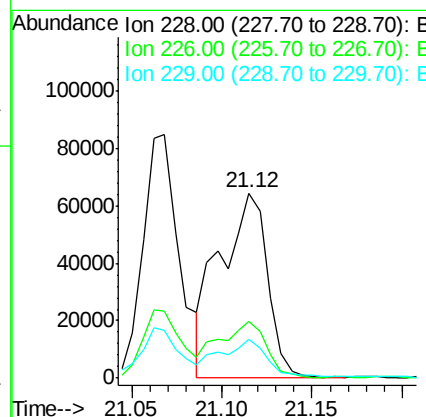
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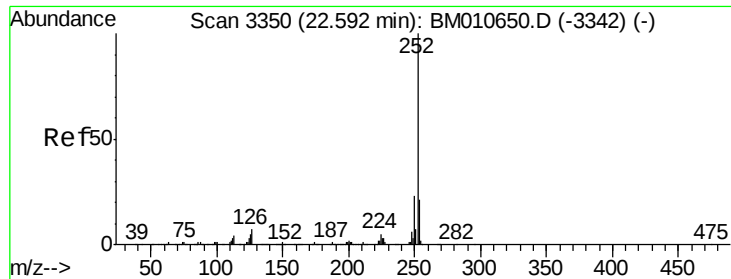
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#82
Chrysene
Concen: 4.694 ng/ul m
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010664.D
Acq: 22 Jun 2017 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	118834		
226	30.5	23.4	35.2	
229	21.2	15.5	23.3	





#85

Benzo(b)fluoranthene

Concen: 9.643 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Instrument :

BNA_M

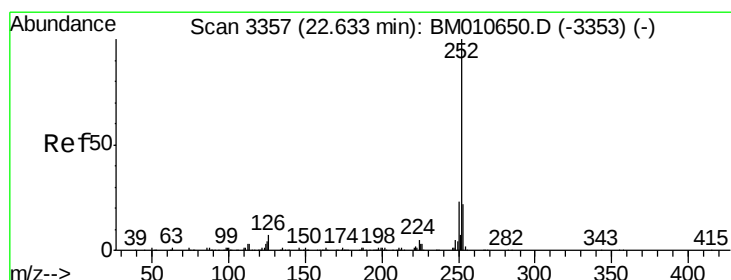
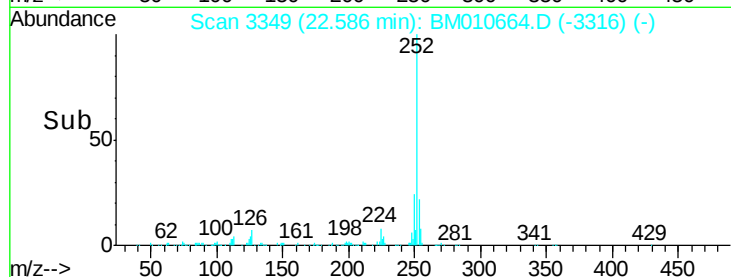
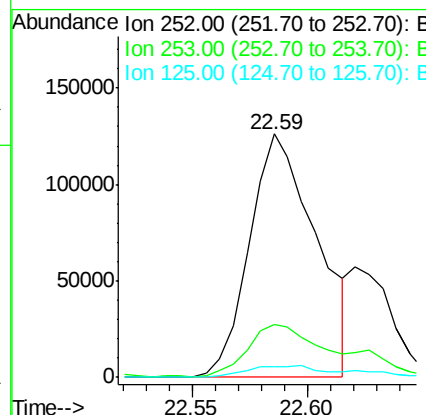
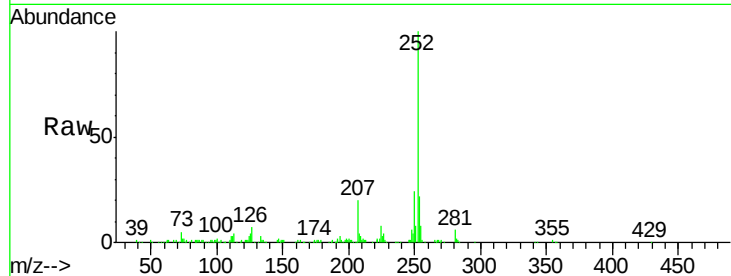
ClientSampleId :

F5A03

Tgt	Ion	252	Resp:	253895
Ion	Ratio	Lower	Upper	
252	100			
253	21.8	17.9	26.9	
125	4.4	3.6	5.4	

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#86

Benzo(k)fluoranthene

Concen: 2.868 ng/ul m

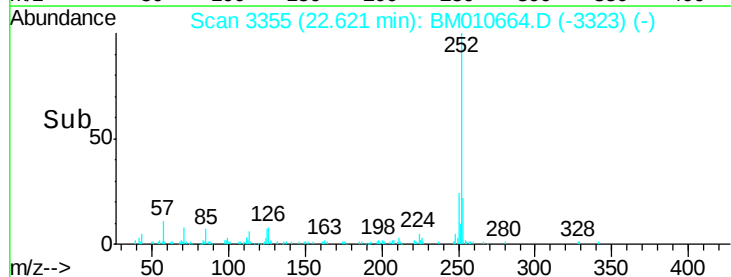
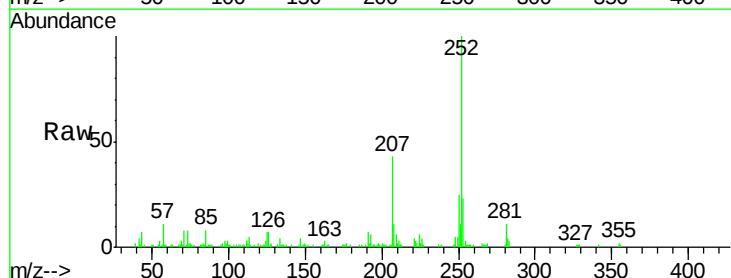
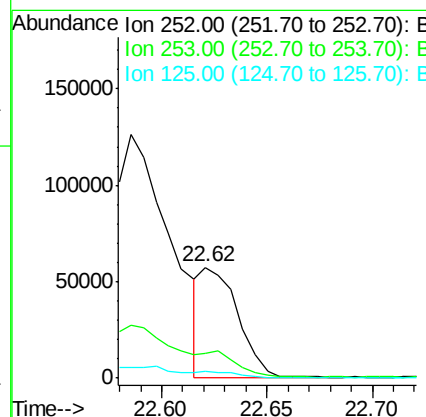
RT: 22.62 min Scan# 3355

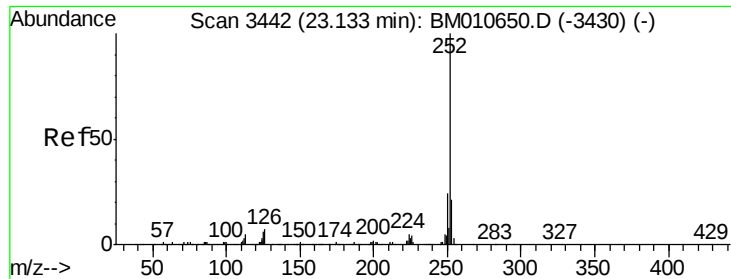
Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Tgt	Ion	252	Resp:	71585
Ion	Ratio	Lower	Upper	
252	100			
253	22.8	17.1	25.7	
125	6.6	3.4	5.2	





#88

Benzo(a)pyrene

Concen: 4.741 ng/ul

RT: 23.13 min Scan# 3441

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Instrument :

BNA_M

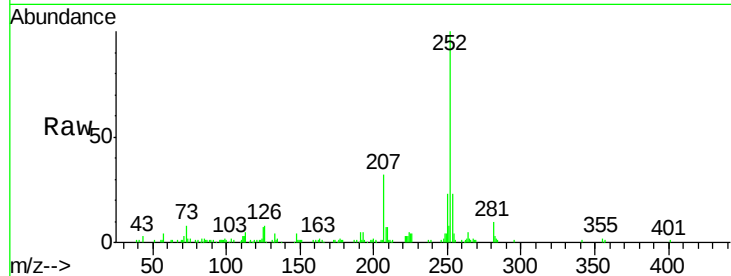
ClientSampled :

F5A03

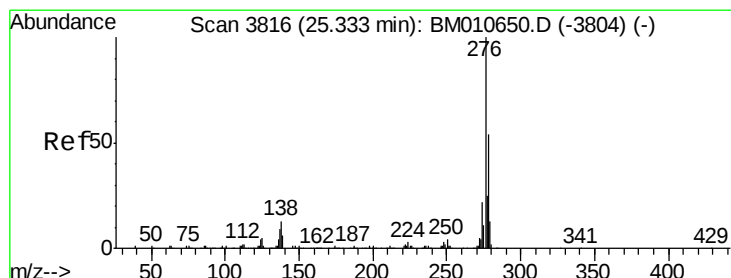
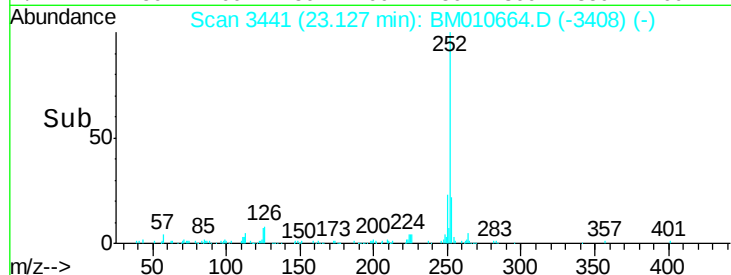
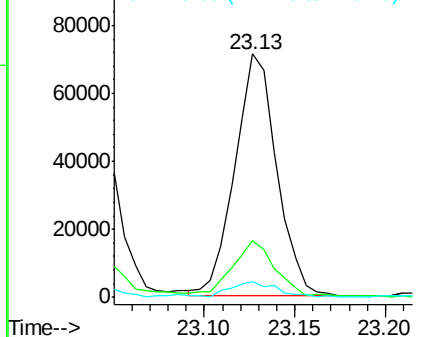
Tgt Ion:	252	Resp:	114911
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.2
125	6.7	4.0	6.0#

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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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.781 ng/ul

RT: 25.33 min Scan# 3815

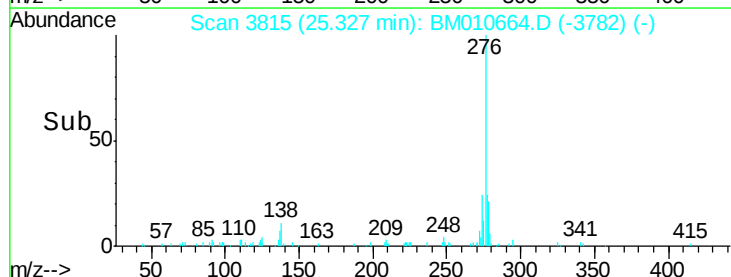
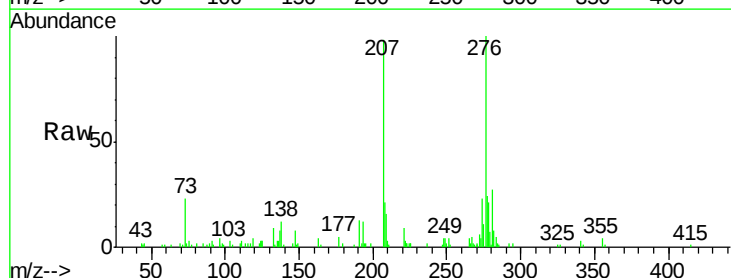
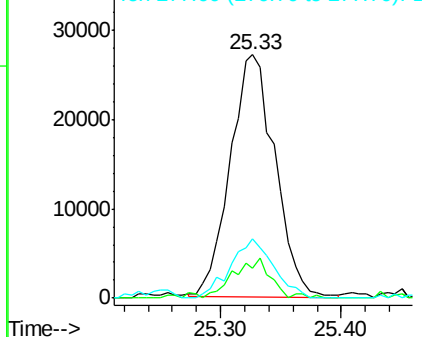
Delta R.T. -0.01 min

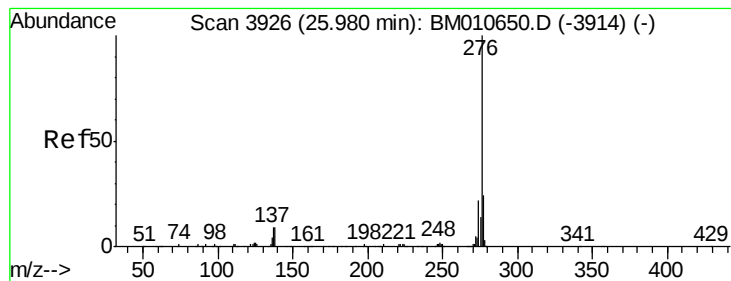
Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Tgt Ion:	276	Resp:	69922
Ion Ratio	Lower	Upper	
276	100		
138	12.1	9.3	13.9
277	24.4	19.9	29.9

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





#91

Benzo(g,h,i)perylene

Concen: 2.169 ng/ul

RT: 25.97 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	276	Resp:	43405
Ion Ratio		Lower	Upper
276	100		
138	16.2	8.5	12.7#
277	22.4	18.6	28.0

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