

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
 Data File : BM003625.D
 Acq On : 19 Dec 2015 18:20
 Operator : UM/SJ
 Sample : G4801-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9C66

Manual Integrations
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 12/22/2015 11:57:19 AM

Quant Time: Jan 08 12:28:02 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 01:33:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	29881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	147335	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	94761	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	227563	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	298270	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	330884	20.00	ng/ul	0.00

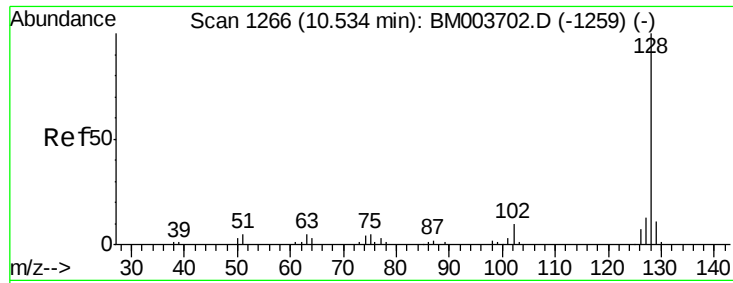
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	1452	2.62	ng/uL	0.00
5) Phenol-d5	6.87	99	33010	13.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	21981	16.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	29875	14.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	20938	9.60	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	17091	15.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	18442	15.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	29509	13.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	35415	12.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	127296	16.25	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	134578	15.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	18498	12.13	ng/ul	0.00
58) Fluorene-d10	15.34	176	105945	16.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	16235	12.66	ng/ul	0.00
71) Anthracene-d10	17.20	188	160076	15.46	ng/ul	0.00
79) Pyrene-d10	19.50	212	182442	14.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	229015	13.93	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.54	128	363686	47.91	ng/ul 100
34) 2-Methylnaphthalene	12.16	142	182739	32.24	ng/ul 99
41) 1,1'-Biphenyl	13.18	154	13259	1.72	ng/ul 100
45) Dimethylphthalate	13.81	163	97364	12.15	ng/ul 100
48) Acenaphthylene	14.07	152	23617	2.42	ng/ul# 88
50) Acenaphthene	14.42	153	54011	8.29	ng/ul 98
59) Fluorene	15.40	166	42787	5.74	ng/ul 98
70) Phenanthrene	17.14	178	213492	16.96	ng/ul 99
72) Anthracene	17.23	178	56429	4.40	ng/ul 99
77) Fluoranthene	19.16	202	114015	7.88	ng/ul 98
80) Pyrene	19.53	202	158159	9.21	ng/ul 98
83) Benzo(a)anthracene	21.29	228	67320	3.74	ng/ul 92
85) Chrysene	21.34	228	76027	4.38	ng/ul 97
88) Benzo(b)fluoranthene	22.87	252	55736	2.79	ng/ul 98
91) Benzo(a)pyrene	23.45	252	44917	2.35	ng/ul 97

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



#28

Naphthalene

Concen: 47.91 ng/ul

RT: 10.54 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM003625.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_M

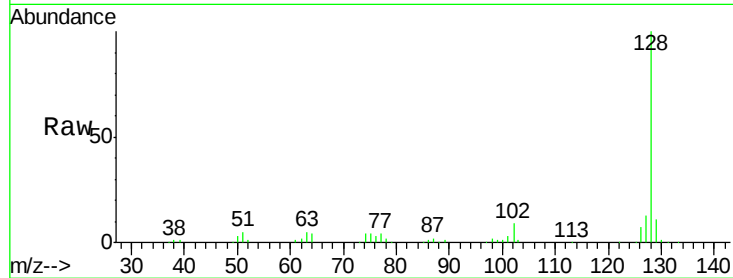
ClientSampleId :

G9C66

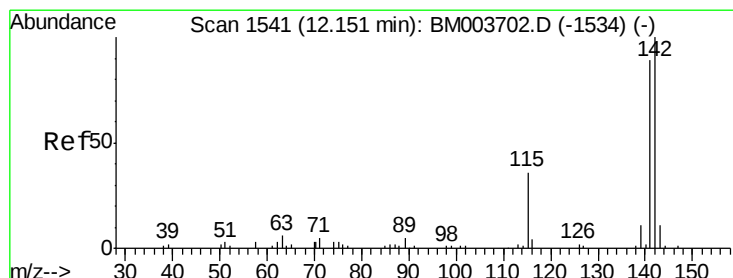
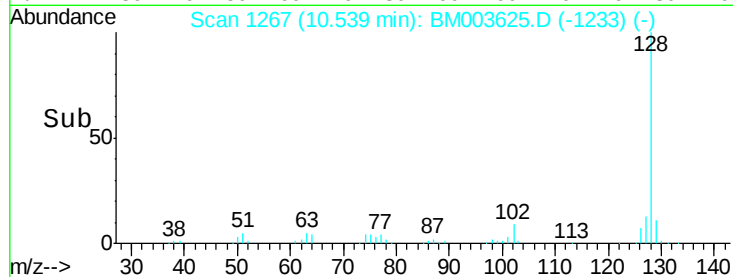
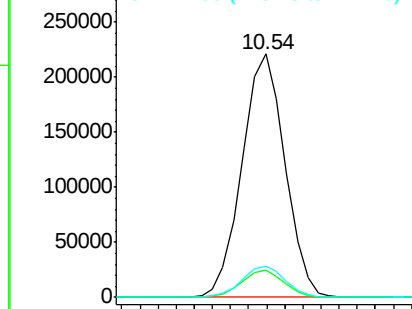
Tot Ion:	128	Resp:	363686
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	12.9	10.5	15.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 32.24 ng/ul

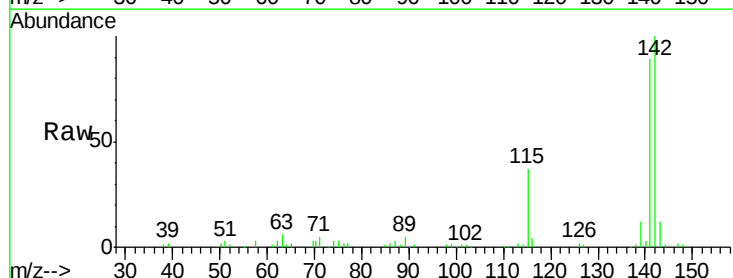
RT: 12.16 min Scan# 1542

Delta R.T. -0.00 min

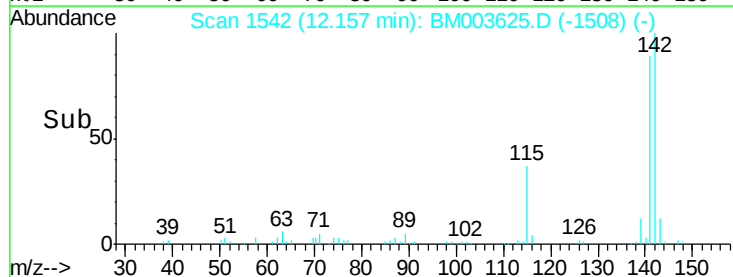
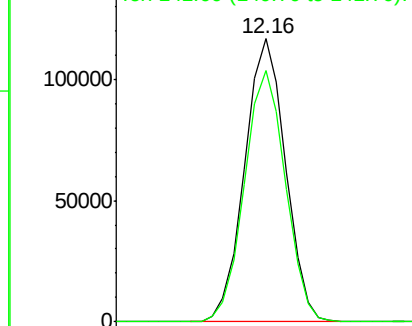
Lab File: BM003625.D

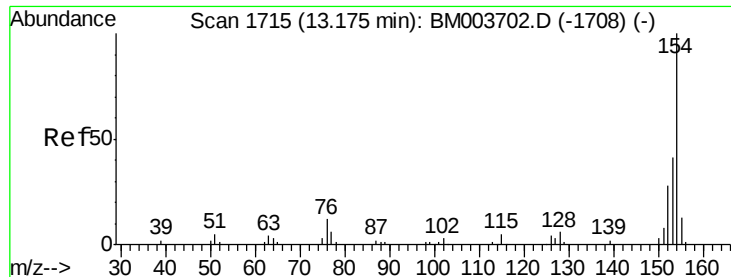
Acq: 19 Dec 2015 18:20

Tgt Ion:	142	Resp:	182739
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.6	107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





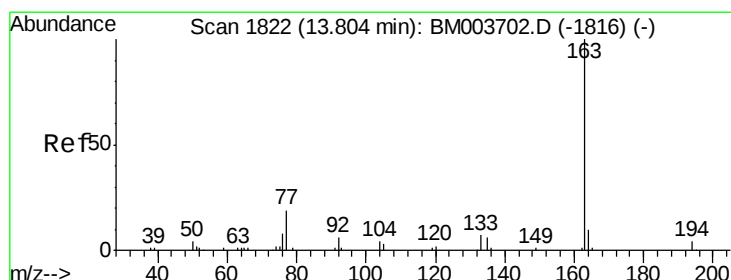
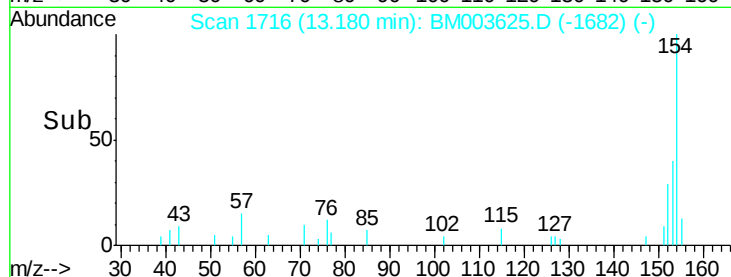
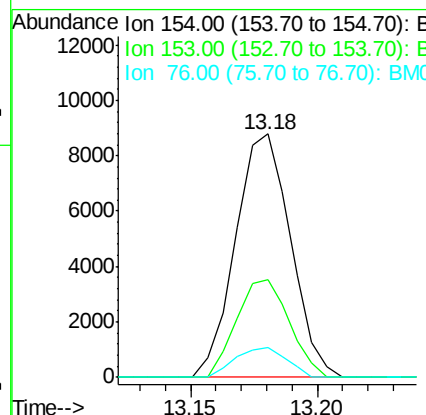
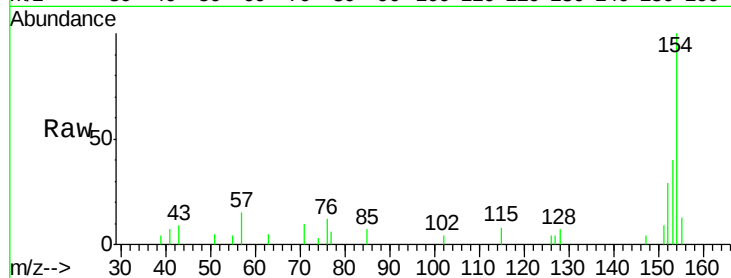
#41
 1,1'-Biphenyl
 Concen: 1.72 ng/ul
 RT: 13.18 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BM003625.D
 Acq: 19 Dec 2015 18:20

Instrument :
 BNA_M
 ClientSampled :
 G9C66

Tot Ion:	154	Resp:	13259
Ion Ratio	Lower	Upper	
154	100		
153	40.1	32.1	48.1
76	12.3	9.5	14.3

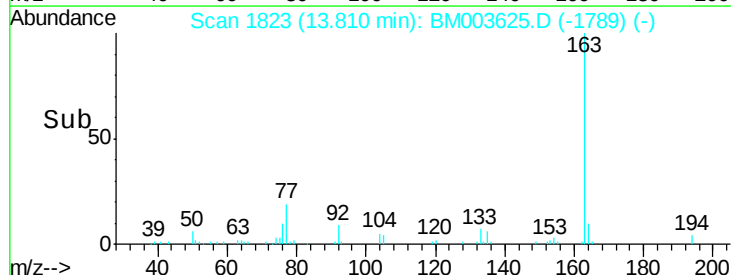
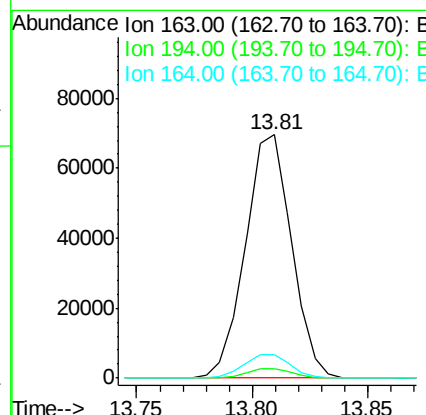
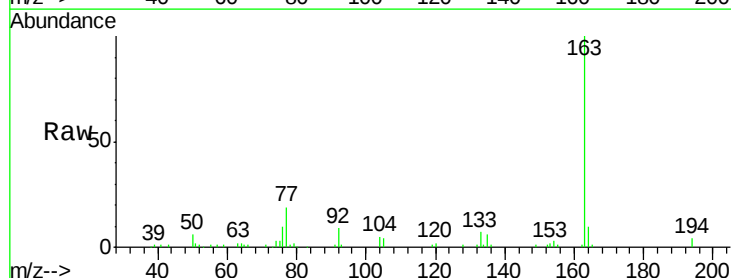
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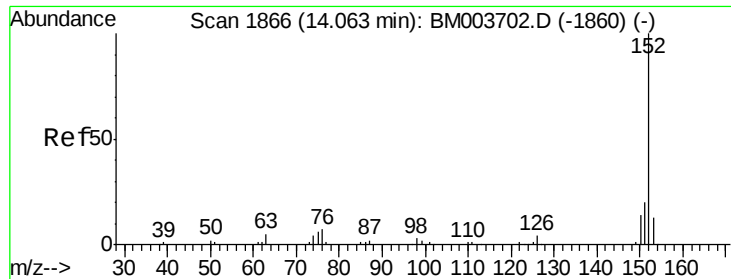
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#45
 Dimethylphthalate
 Concen: 12.15 ng/ul
 RT: 13.81 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BM003625.D
 Acq: 19 Dec 2015 18:20

Tgt Ion:	163	Resp:	97364
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.9	7.8	11.8





#48

Acenaphthylene

Concen: 2.42 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM003625.D

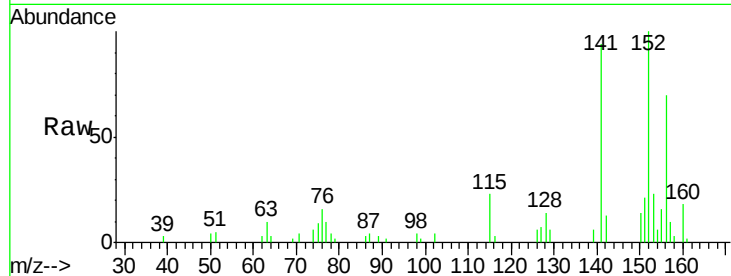
Acq: 19 Dec 2015 18:20

Instrument :

BNA_M

ClientSampleId :

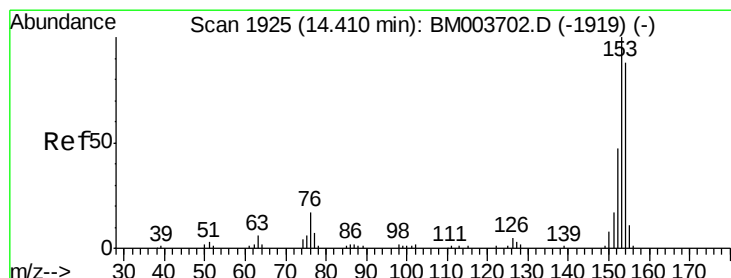
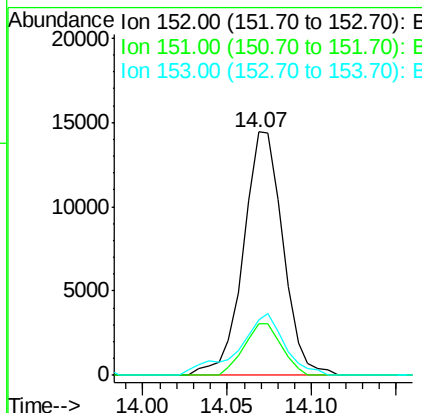
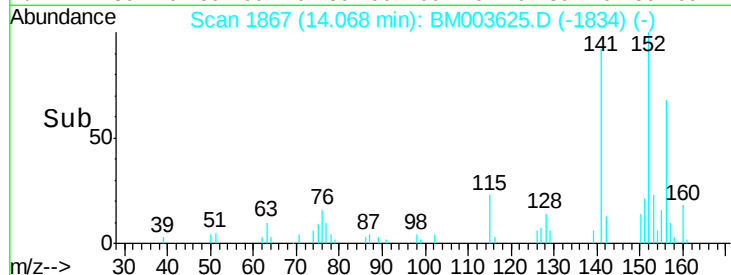
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Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.7	23.5
153	22.7	10.5	15.7

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#50

Acenaphthene

Concen: 8.29 ng/ul

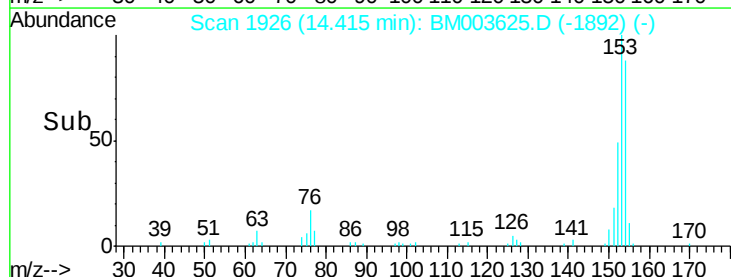
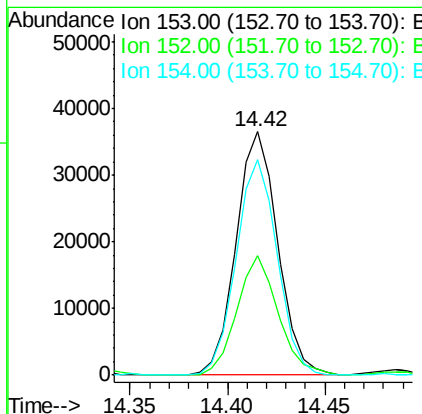
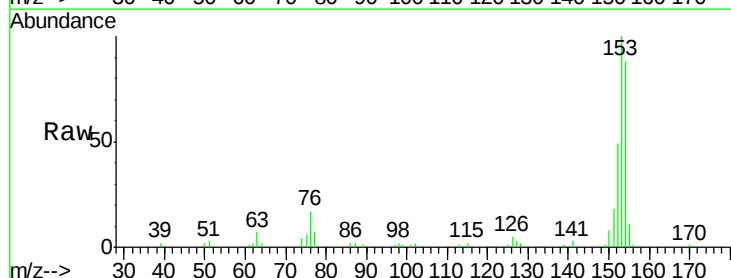
RT: 14.42 min Scan# 1926

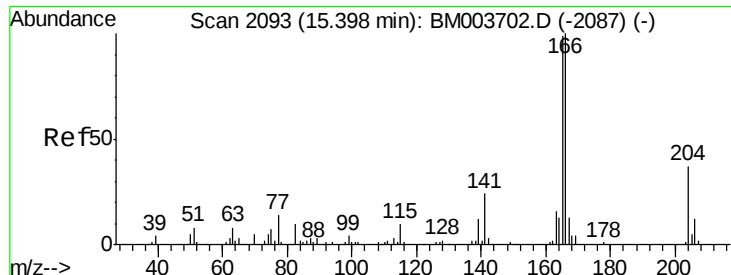
Delta R.T. -0.00 min

Lab File: BM003625.D

Acq: 19 Dec 2015 18:20

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.0	38.3	57.5
154	88.2	71.8	107.8





#59

Fluorene

Concen: 5.74 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BM003625.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_M

ClientSampleId :

G9C66

Tot Ion:166 Resp: 42787

Ion Ratio Lower Upper

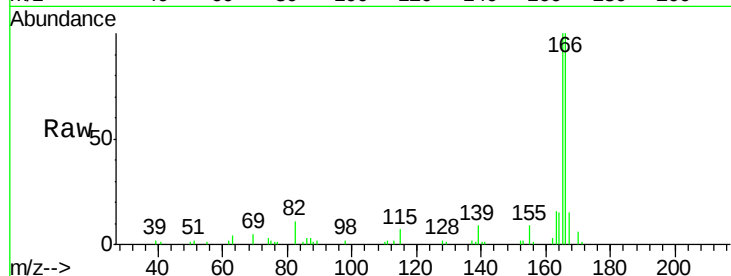
166 100

165 100.0 78.5 117.7

167 14.7 10.7 16.1

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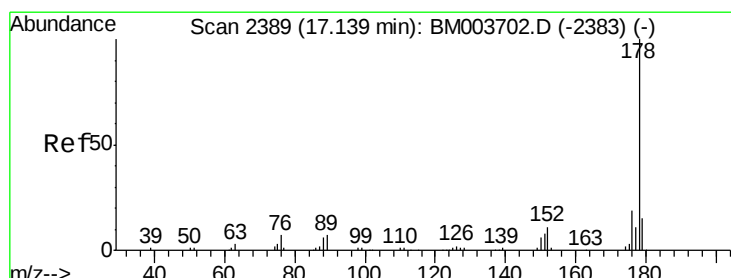
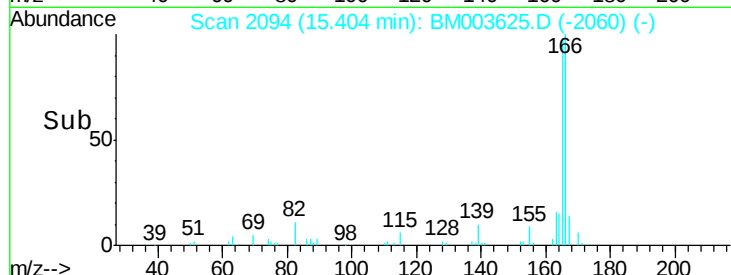
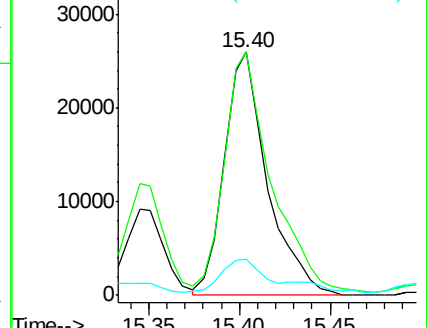
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 16.96 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM003625.D

Acq: 19 Dec 2015 18:20

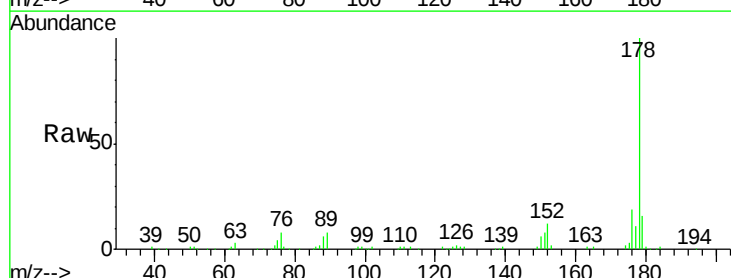
Tgt Ion:178 Resp: 213492

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

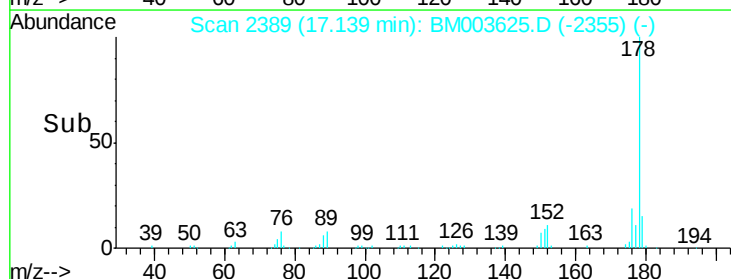
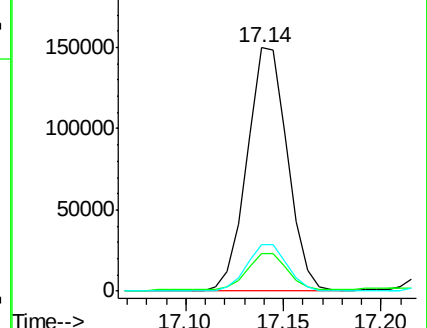
176 19.1 15.6 23.4

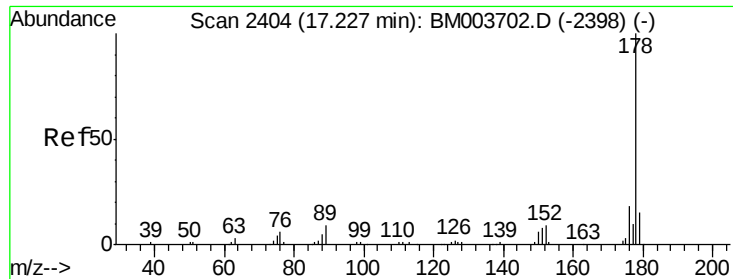


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.40 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BM003625.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_M

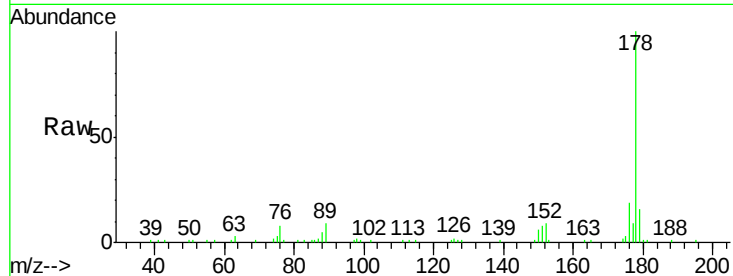
ClientSampleId :

G9C66

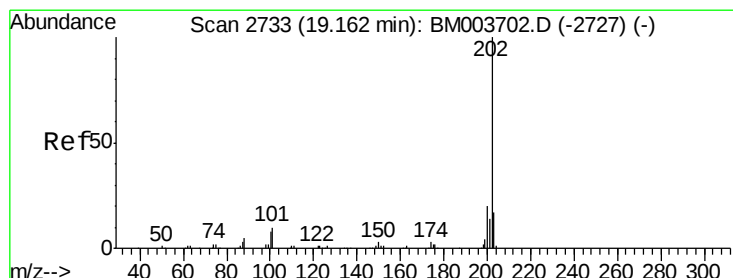
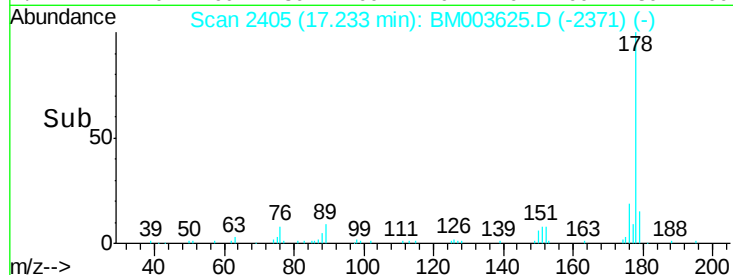
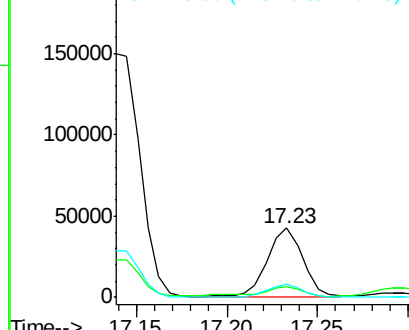
Tot Ion:	178	Resp:	56429
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.1	18.1
176	19.0	14.8	22.2

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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



#77

Fluoranthene

Concen: 7.88 ng/ul

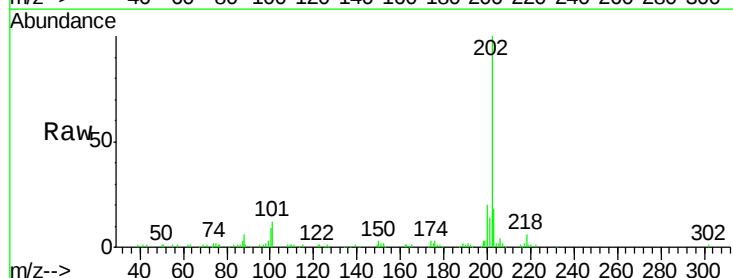
RT: 19.16 min Scan# 2733

Delta R.T. -0.00 min

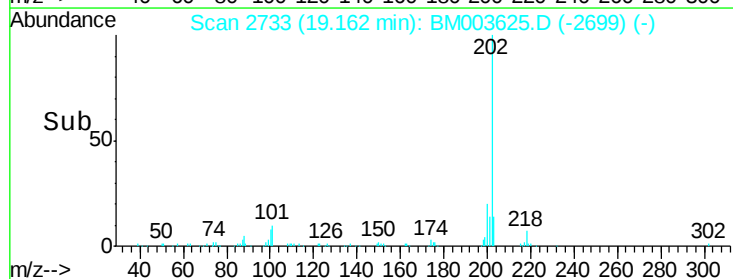
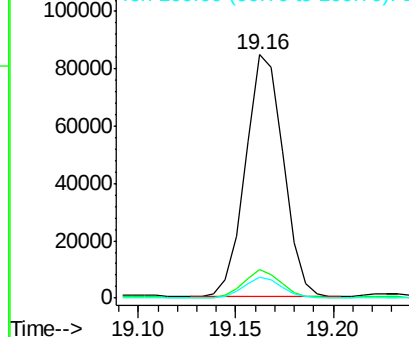
Lab File: BM003625.D

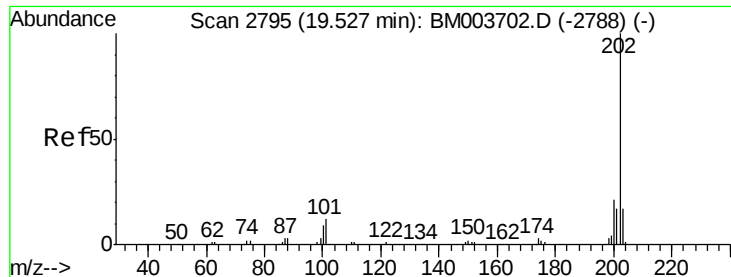
Acq: 19 Dec 2015 18:20

Tgt Ion:	202	Resp:	114015
Ion Ratio	Lower	Upper	
202	100		
101	11.8	8.8	13.2
100	8.6	6.6	9.8



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





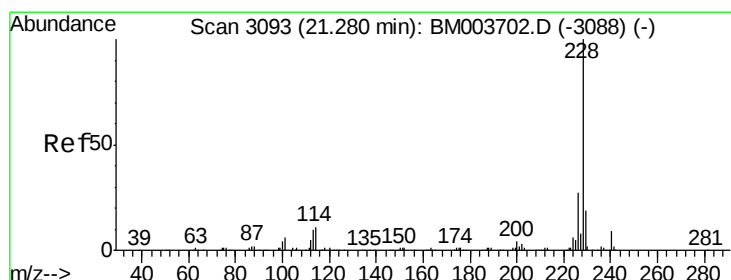
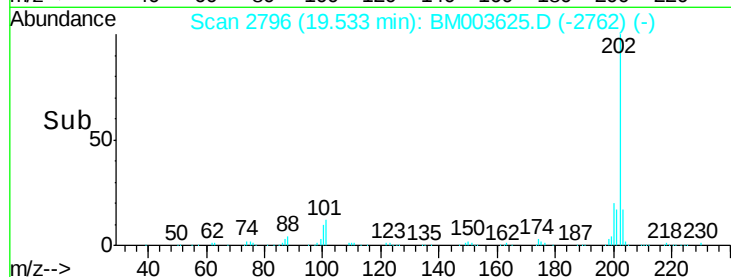
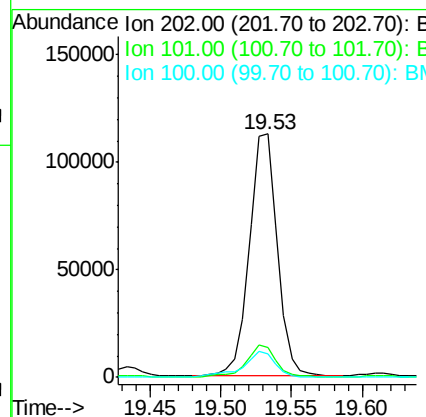
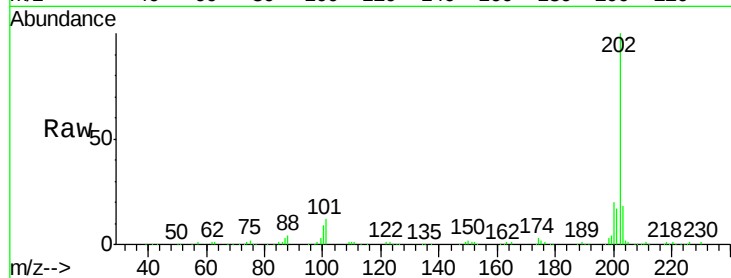
#80
Pvrene
Concen: 9.21 ng/ul
RT: 19.53 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BM003625.D
Acq: 19 Dec 2015 18:20

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.3	10.2	15.2	
100	9.5	8.5	12.7	

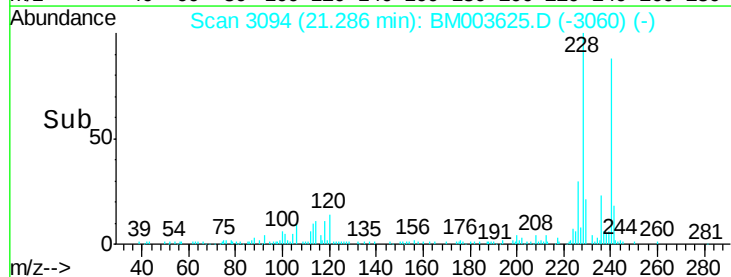
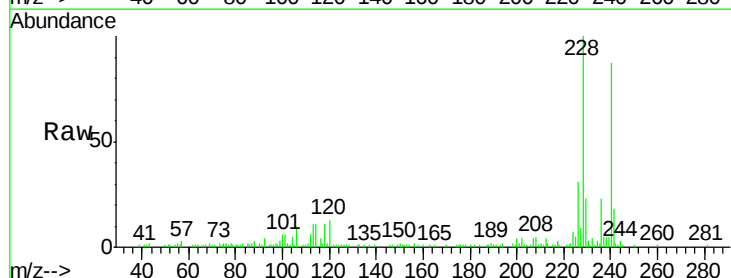
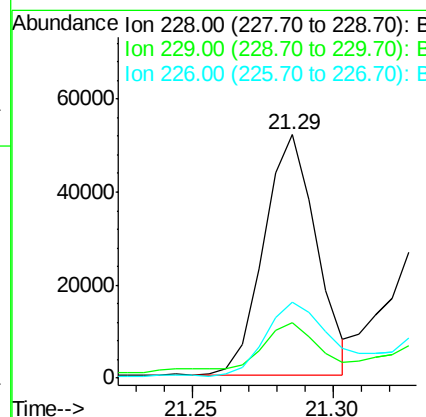
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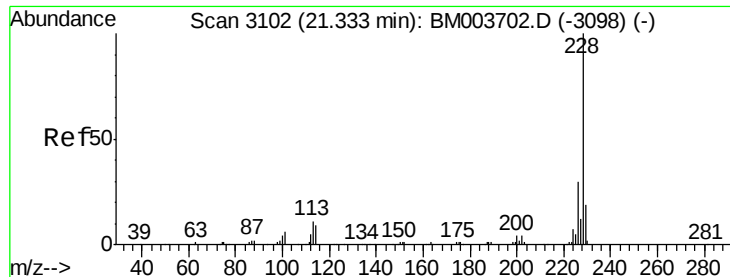
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#83
Benzo(a)anthracene
Concen: 3.74 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM003625.D
Acq: 19 Dec 2015 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	23.0	15.7	23.5	
226	31.2	21.8	32.6	





#85

Chrysene

Concen: 4.38 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM003625.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_M

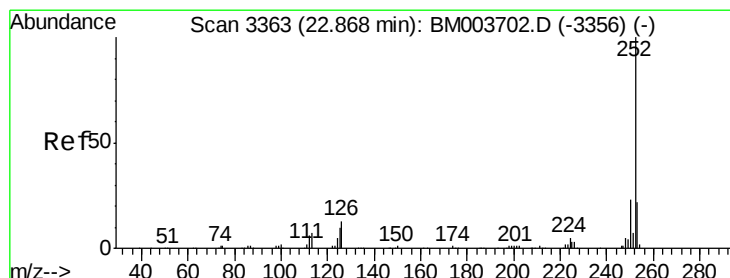
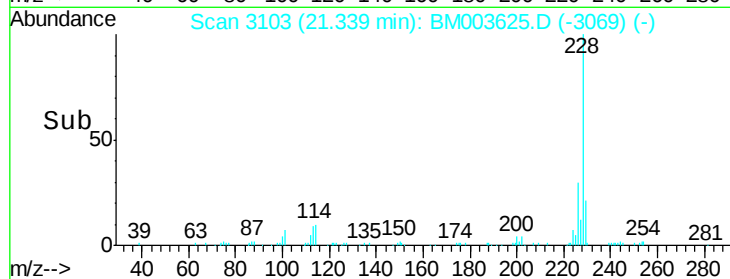
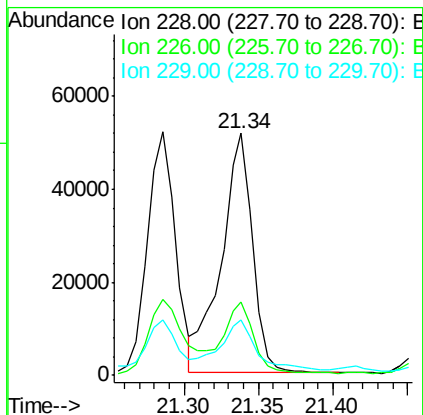
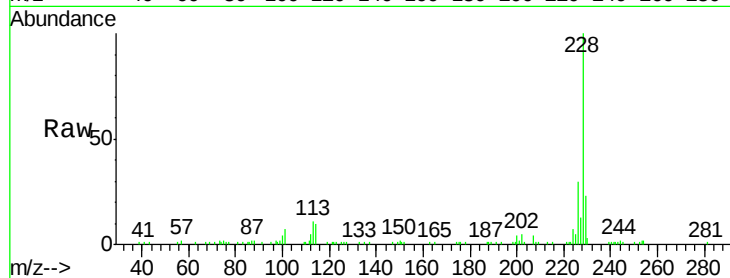
ClientSampleId :

G9C66

Tot Ion:	228	Resp:	76027
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.0	36.0
229	22.8	15.6	23.4

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12/22/2015 11:57:19 AM



#88

Benzo(b)fluoranthene

Concen: 2.79 ng/ul

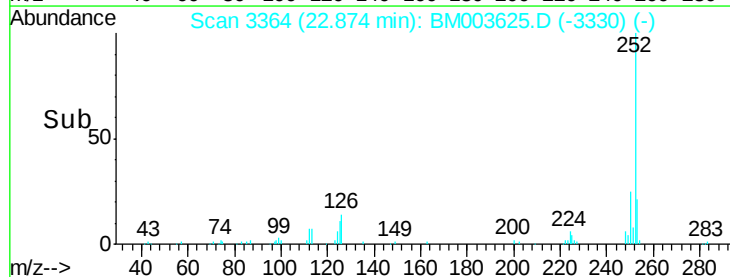
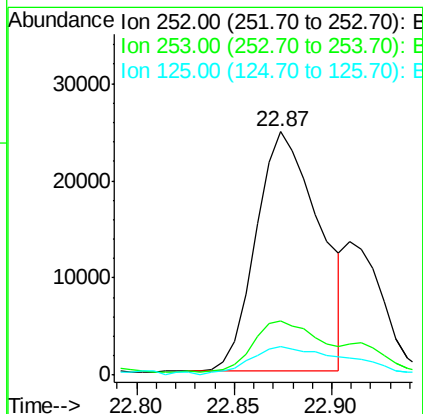
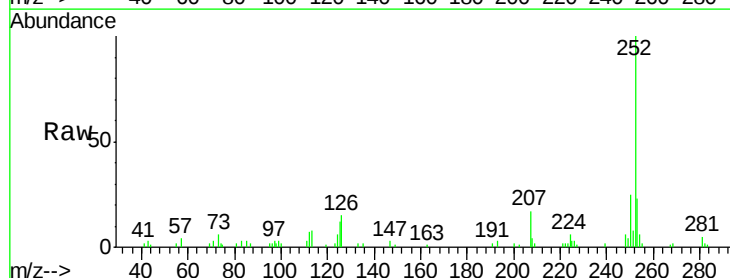
RT: 22.87 min Scan# 3364

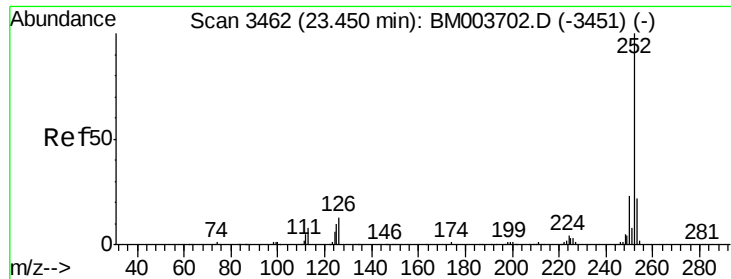
Delta R.T. -0.00 min

Lab File: BM003625.D

Acq: 19 Dec 2015 18:20

Tgt Ion:	252	Resp:	55736
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	11.7	8.5	12.7





#91

Benzo(a)pyrene

Concen: 2.35 ng/ul

RT: 23.45 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM003625.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_M

ClientSampleId :

G9C66

Tot Ion:	252	Resp:	44917
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	12.2	9.0	13.6

Manual Integrations
APPROVED

apatel
12/22/2015 11:57:19 AM

