

Data File : BM010722.D

Acq On : 24 Jun 2017 10:26

Operator : SJ/JU

Sample : I3627-13ME 5X

Misc :

ALS Vial : 38 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F5E24ME

Manual Integrations

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6/28/2017 7:48:09 AM

Quant Time: Jun 26 03:22:30 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 26 01:49:13 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	77081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	366763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	264564	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	649500	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	662348	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	474425	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	296	0.22	ng/uL	0.02
5) Phenol-d5	6.65	99	16198	2.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	8766	2.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	11620	2.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	12967	2.13	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	6329	2.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	7084	2.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	14814	2.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	11568	1.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	56909	2.45	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	62523	2.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	7184	1.76	ng/ul	0.00
57) Fluorene-d10	15.11	176	50542	2.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	7430	1.86	ng/ul	0.00
70) Anthracene-d10	16.96	188	79108m	2.52	ng/ul	0.00
76) Pyrene-d10	19.27	212	91257	2.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	61377m	2.68	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.27	128	313655	17.18	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	63377	4.32	ng/ul	93
49) Acenaphthene	14.17	153	59700	3.44	ng/ul	98
53) Dibenzofuran	14.52	168	67763	2.58	ng/ul	96
58) Fluorene	15.17	166	74858	3.40	ng/ul	97
69) Phenanthrene	16.91	178	336544	9.75	ng/ul	96
71) Anthracene	17.00	178	55402	1.56	ng/ul	96
74) Fluoranthene	18.93	202	200427	4.50	ng/ul#	96
77) Pyrene	19.30	202	130331	3.41	ng/ul	97
80) Benzo(a)anthracene	21.06	228	47972	1.24	ng/ul	100

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

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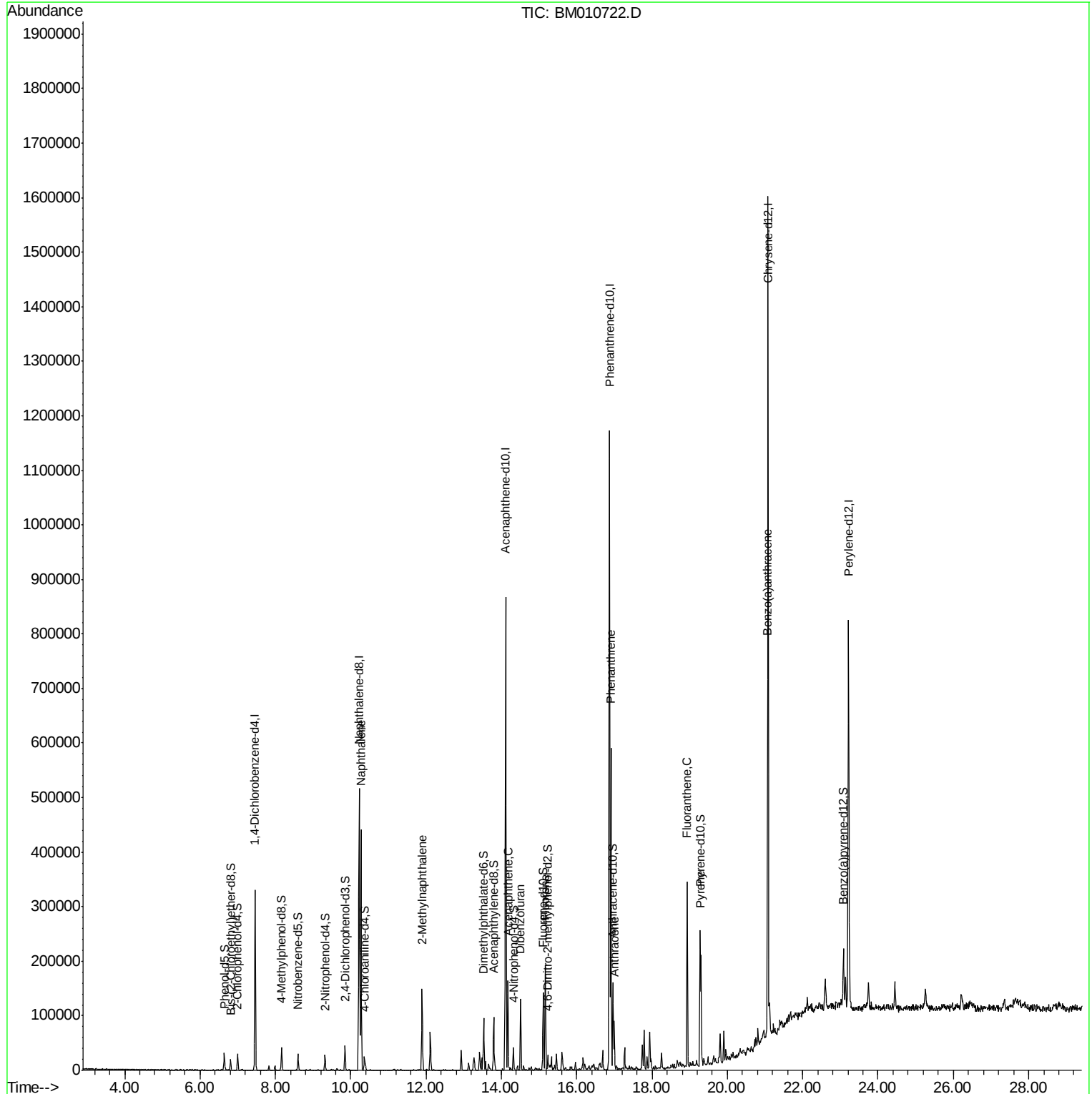
Quant Time: Jun 26 03:22:30 2017

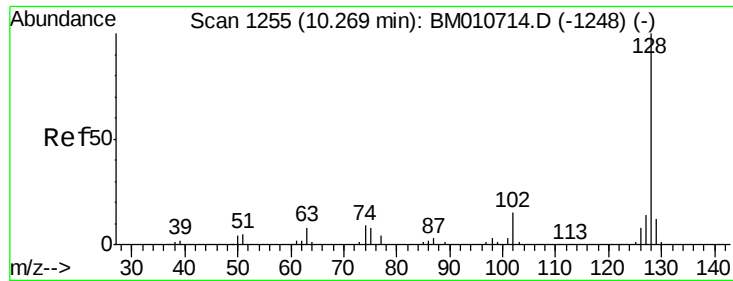
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 26 01:49:13 2017

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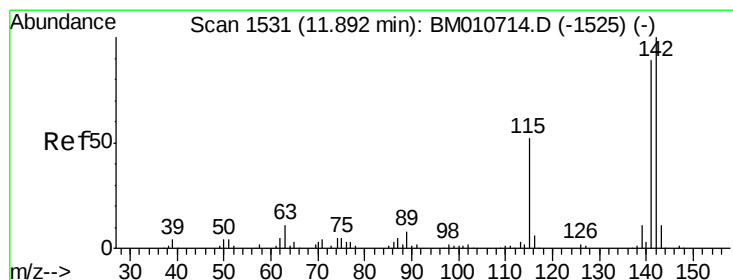
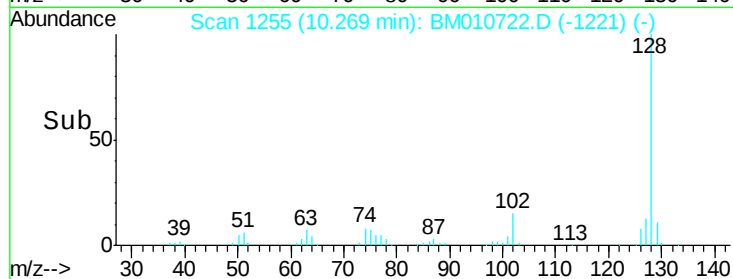
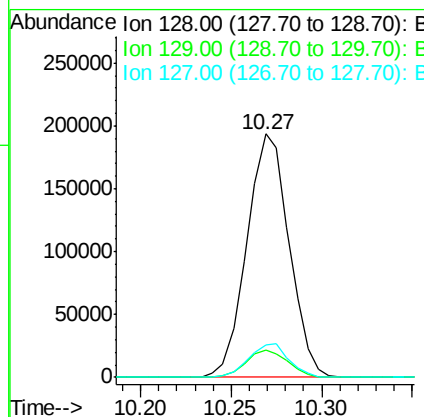
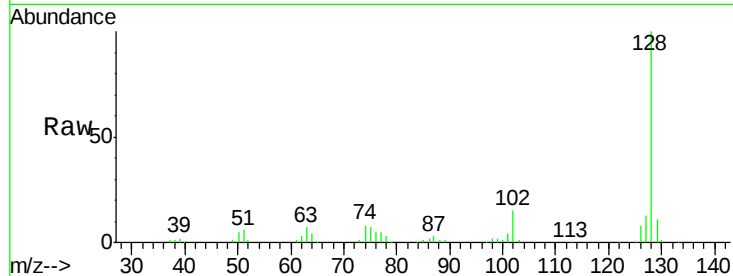
#28
Naphthalene
Concen: 17.18 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Instrument :
BNA_M
ClientSampleId :
F5E24ME

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	313655		
129	11.3	8.8	13.2	
127	13.5	10.6	16.0	

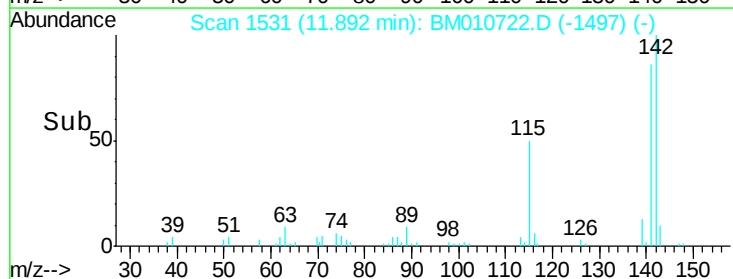
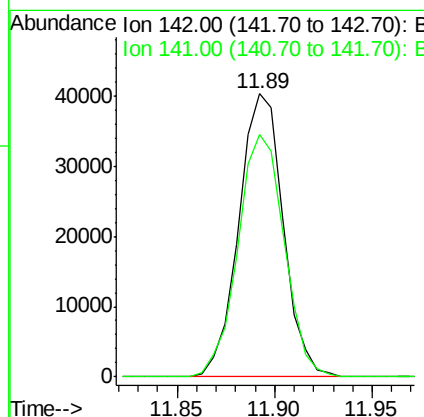
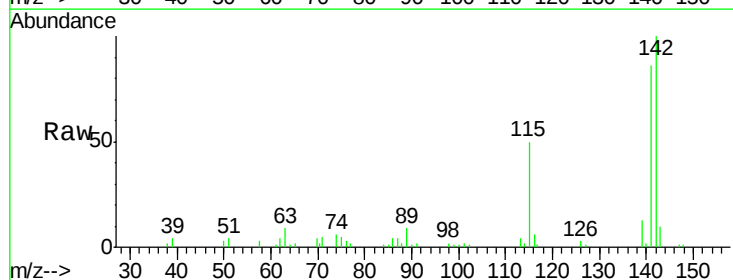
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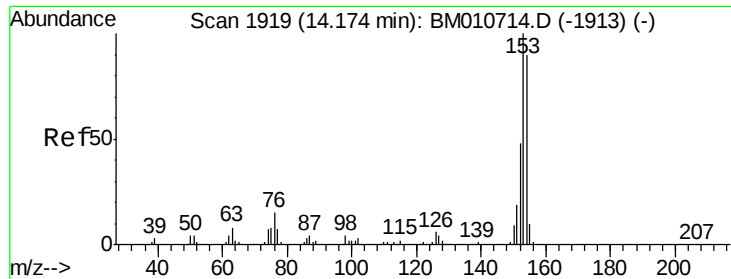
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#34
2-Methylnaphthalene
Concen: 4.32 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	63377		
141	85.6	74.1	111.1	





#49

Acenaphthene

Concen: 3.44 ng/ul

RT: 14.17 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM010722.D

Acq: 24 Jun 2017 10:26

Instrument :

BNA_M

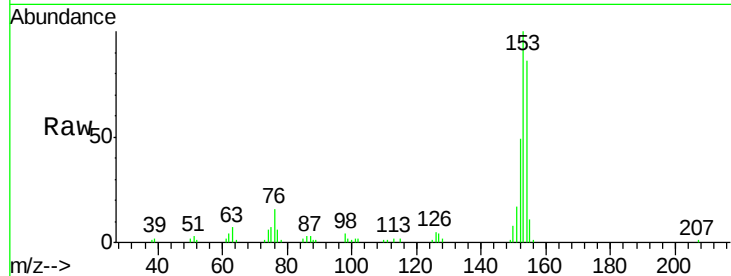
ClientSampleId :

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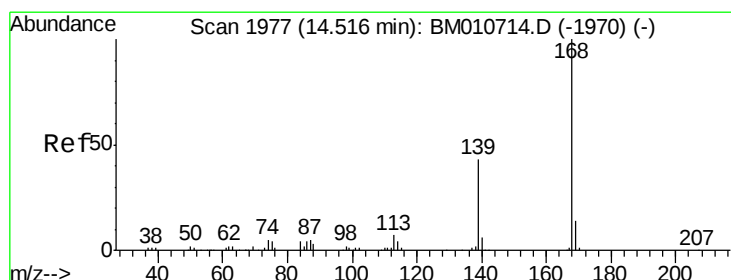
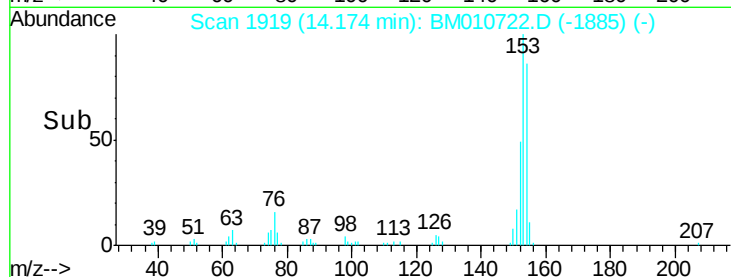
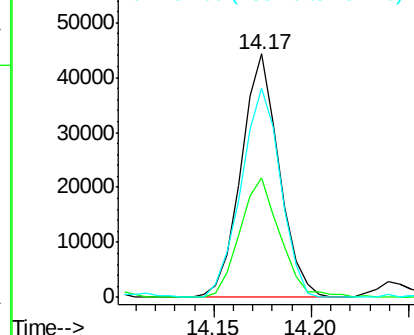
Tgt Ion:	153	Resp:	59700
Ion Ratio	Lower	Upper	
153	100		
152	48.9	37.6	56.4
154	86.1	70.4	105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 2.58 ng/ul

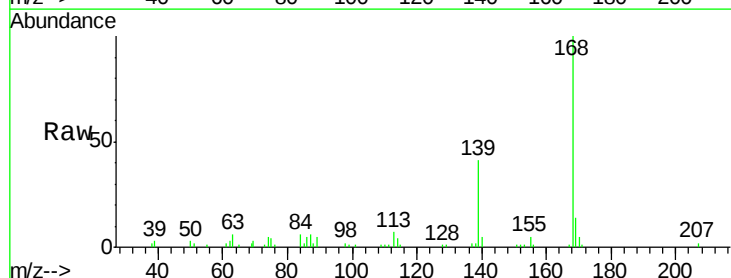
RT: 14.52 min Scan# 1977

Delta R.T. 0.00 min

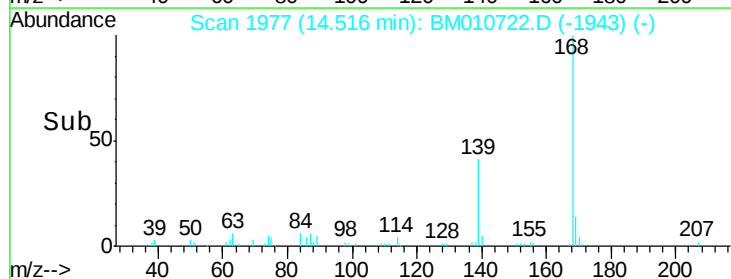
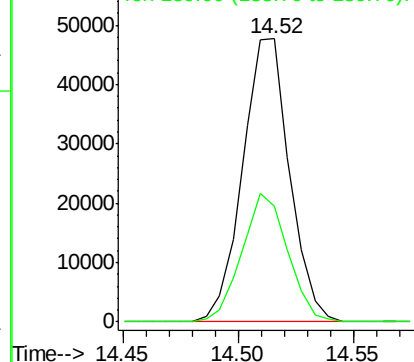
Lab File: BM010722.D

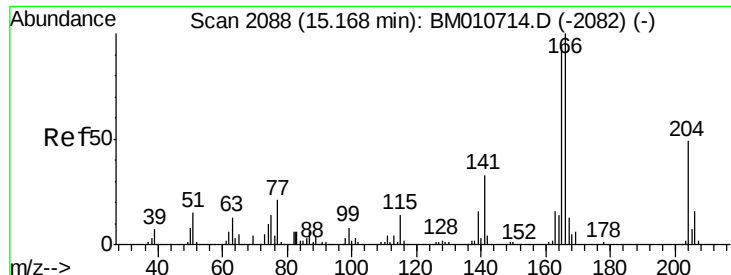
Acq: 24 Jun 2017 10:26

Tgt Ion:	168	Resp:	67763
Ion Ratio	Lower	Upper	
168	100		
139	41.0	30.8	46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





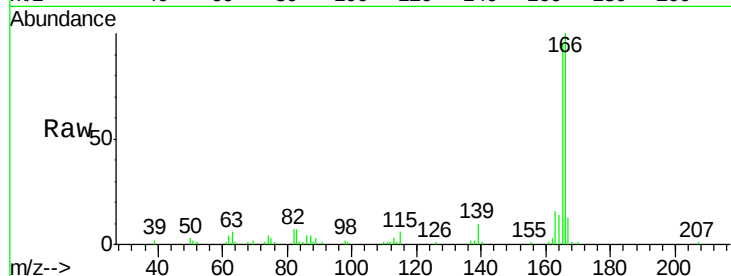
#58
 Fluorene
 Concen: 3.40 ng/ul
 RT: 15.17 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: BM010722.D
 Acq: 24 Jun 2017 10:26

Instrument :
 BNA_M
 ClientSampleId :
 F5E24ME

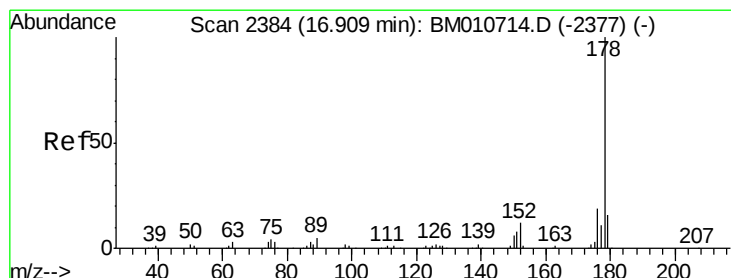
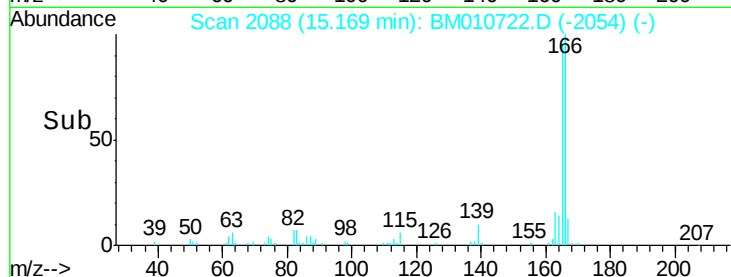
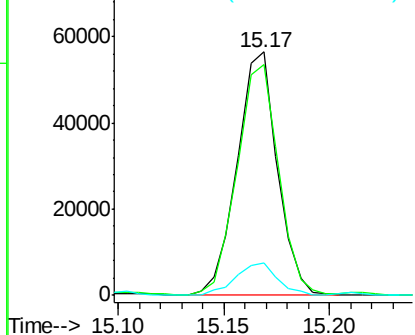
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	77.9	116.9
167	13.2	10.6	16.0

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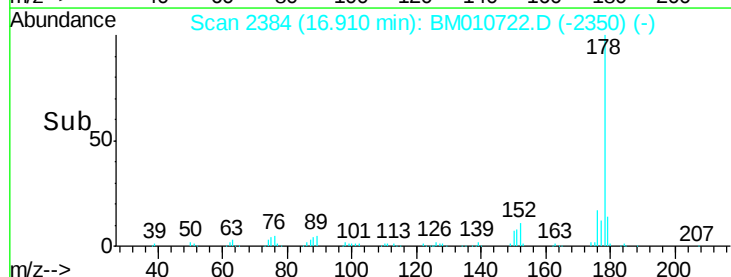
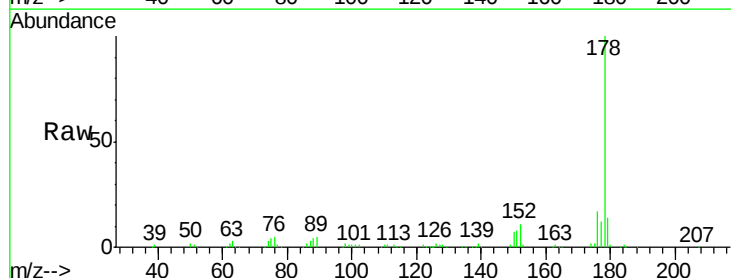
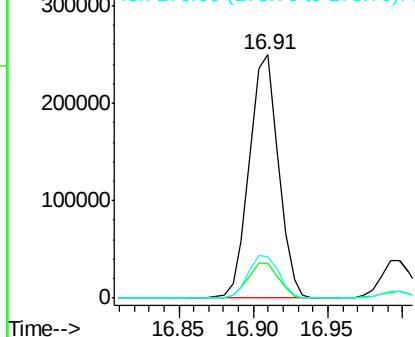
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

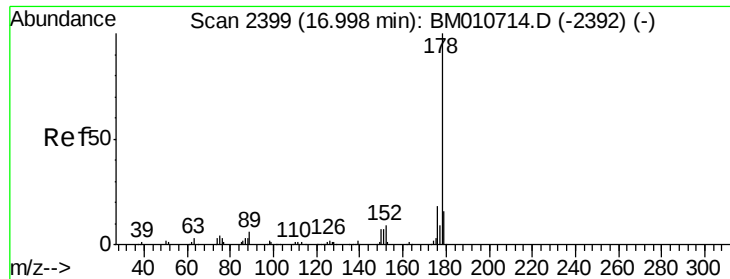


#69
 Phenanthrene
 Concen: 9.75 ng/ul
 RT: 16.91 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM010722.D
 Acq: 24 Jun 2017 10:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.6	19.0
176	16.9	14.9	22.3

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





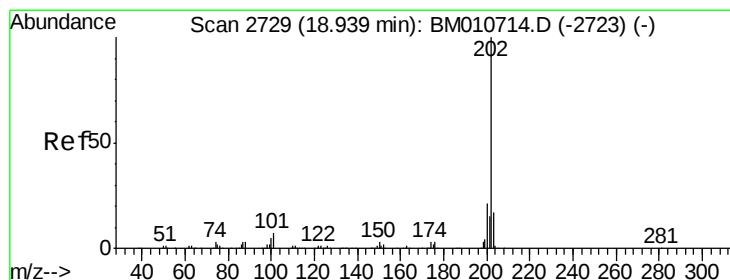
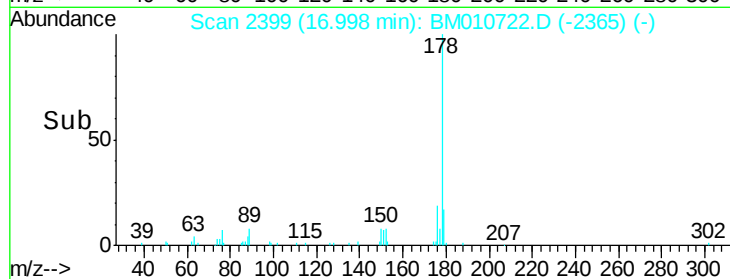
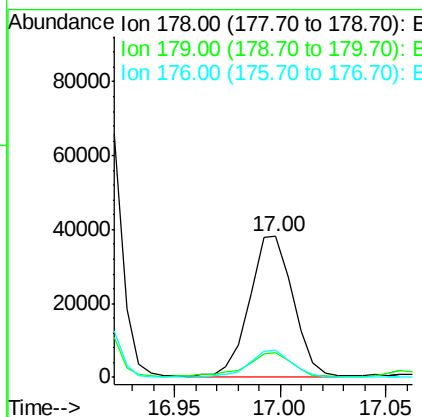
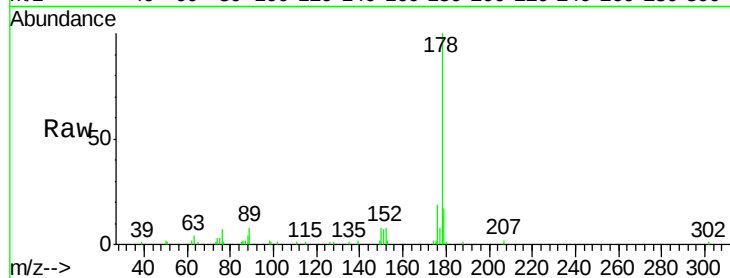
#71
 Anthracene
 Concen: 1.56 ng/ul
 RT: 17.00 min Scan# 2399
 Delta R.T. 0.00 min
 Lab File: BM010722.D
 Acq: 24 Jun 2017 10:26

Instrument :
 BNA_M
 ClientSampleId :
 F5E24ME

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	11.7	17.5
176	19.1	14.6	21.8

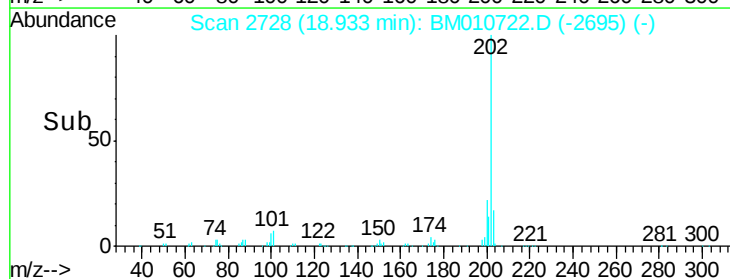
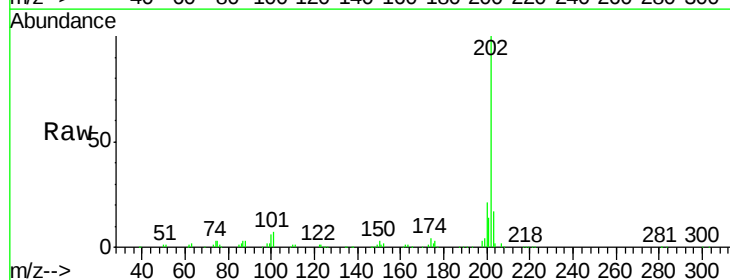
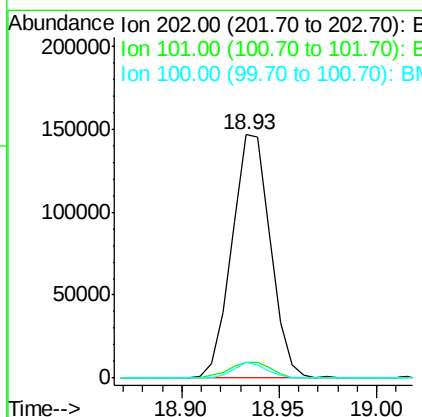
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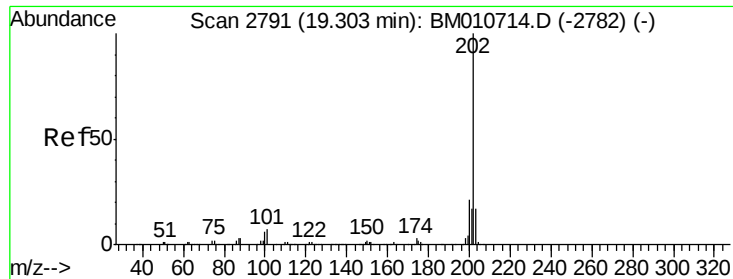
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#74
 Fluoranthene
 Concen: 4.50 ng/ul
 RT: 18.93 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BM010722.D
 Acq: 24 Jun 2017 10:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.6	7.0
100	6.4	3.4	5.2





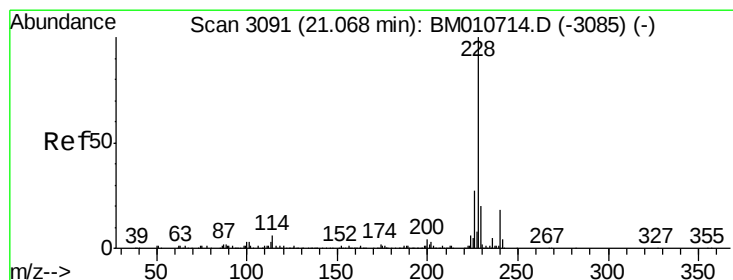
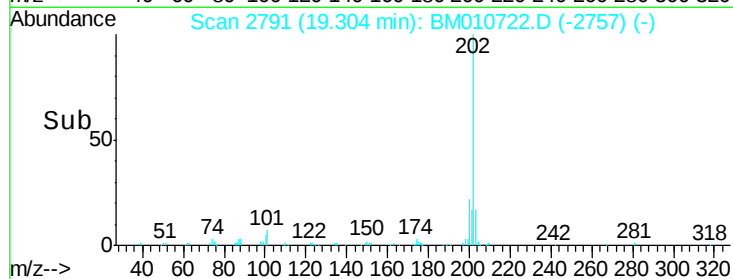
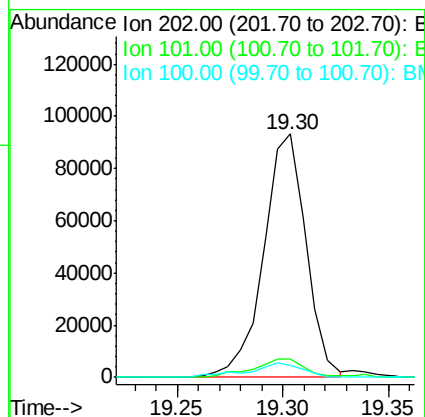
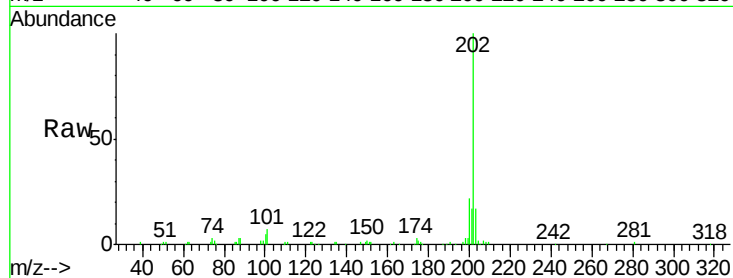
#77
 Pyrene
 Concen: 3.41 ng/ul
 RT: 19.30 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM010722.D
 Acq: 24 Jun 2017 10:26

Instrument :
 BNA_M
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 F5E24ME

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130331		
101	7.4	5.1	7.7	
100	5.1	4.9	7.3	

Manual Integrations
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#80
 Benzo(a)anthracene
 Concen: 1.24 ng/ul
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM010722.D
 Acq: 24 Jun 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	47972		
229	19.7	15.4	23.0	
226	26.7	21.4	32.0	

