

Data File : BM010628.D
Acq On : 21 Jun 2017 18:16
Operator : SJ/JU
Sample : I3653-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5E22

Quant Time: Jun 22 00:45:42 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 00:43:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	51820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	231255	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	165831	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	411792	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	532438	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	498321	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4632	5.12	ng/uL	0.00
5) Phenol-d5	6.65	99	101995	20.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	60851	21.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	79884	23.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	85405	20.87	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	40352	24.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	46458	24.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	94121	23.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	54262	12.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	366985	25.21	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	408676	24.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	53029	20.70	ng/ul	0.00
57) Fluorene-d10	15.12	176	303903	24.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	55734	22.04	ng/ul	0.00
70) Anthracene-d10	16.97	188	520288	26.16	ng/ul	0.00
76) Pyrene-d10	19.28	212	630638	25.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	627825	26.07	ng/ul	0.00

Target Compounds						Qvalue
28) Naphthalene	10.27	128	125751	10.93	ng/ul	98
30) 4-Chloroaniline	10.27	127	15930	3.76	ng/ul#	1
44) Dimethylphthalate	13.59	163	111160	7.79	ng/ul	98
69) Phenanthrene	16.92	178	38407	1.75	ng/ul	96
71) Anthracene	16.92	178	38407	1.70	ng/ul	95
72) Carbazole	17.28	167	26757	1.36	ng/ul#	93

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

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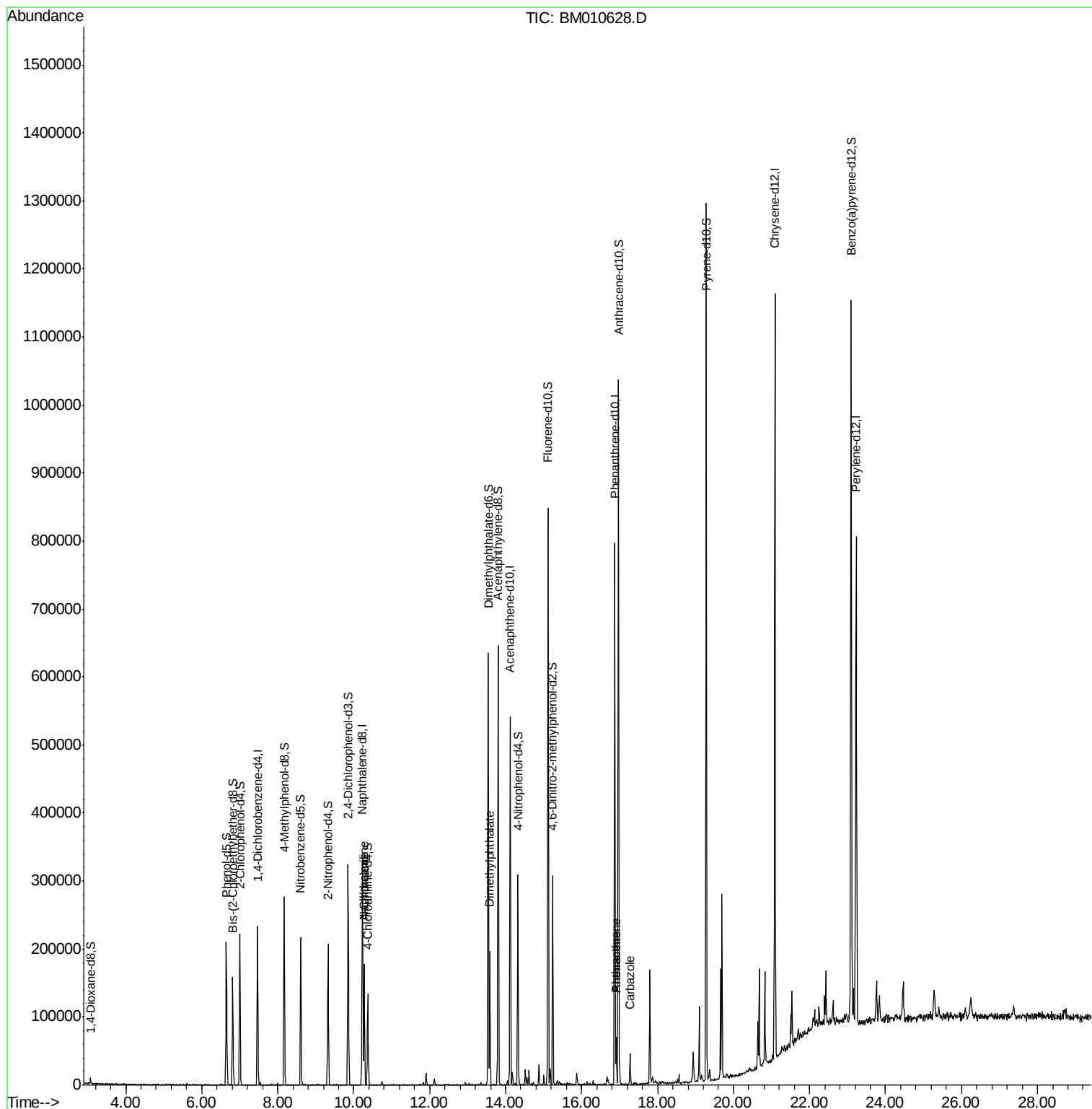
Quant Time: Jun 22 00:45:42 2017

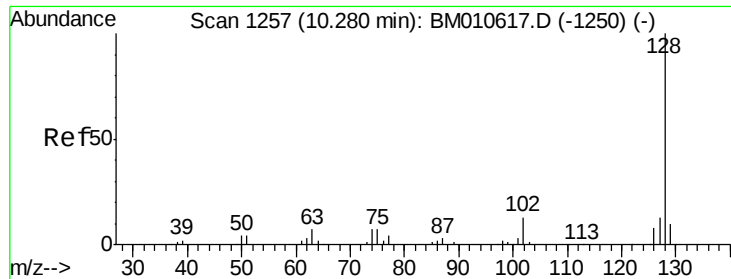
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

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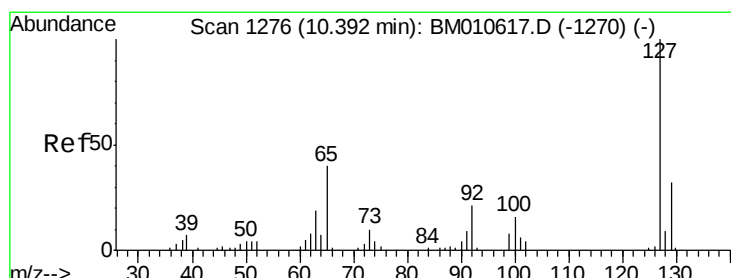
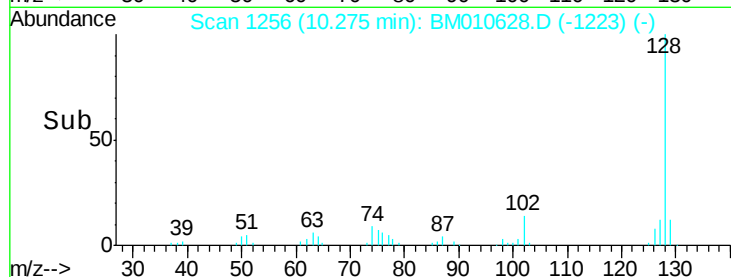
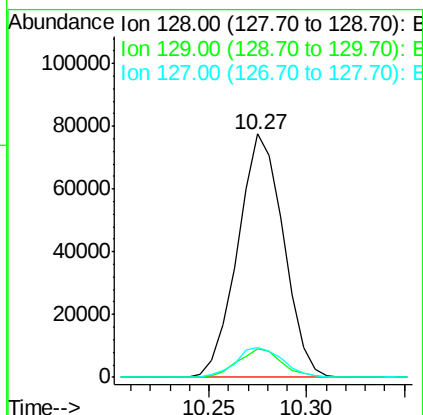
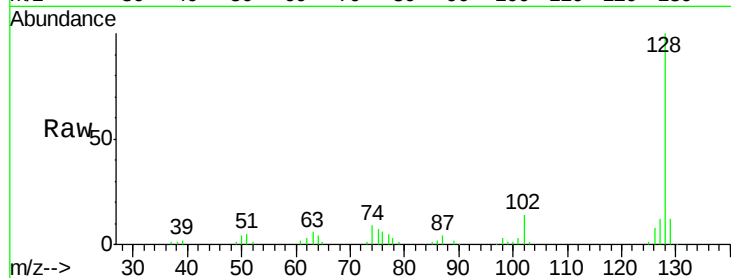




#28
Naphthalene
Concen: 10.93 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BM010628.D
Acq: 21 Jun 2017 18:16

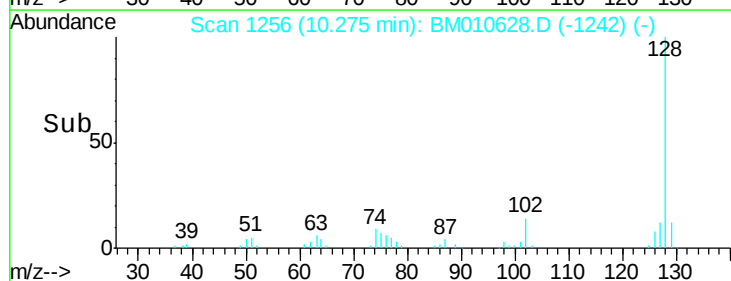
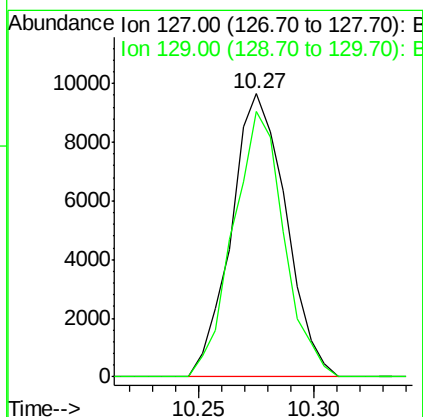
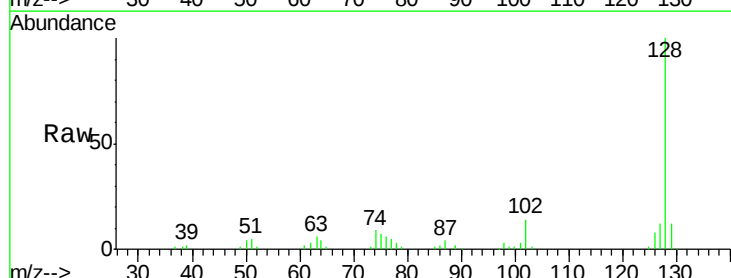
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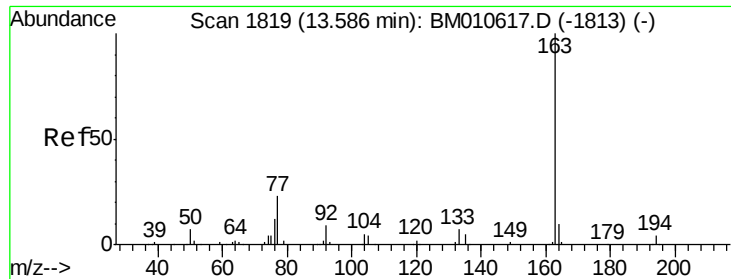
Tgt Ion:128 Resp: 125751
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 12.4 10.6 16.0



#30
4-Chloroaniline
Concen: 3.76 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.12 min
Lab File: BM010628.D
Acq: 21 Jun 2017 18:16

Tgt Ion:127 Resp: 15930
Ion Ratio Lower Upper
127 100
129 93.9 28.4 42.6#





#44

Dimethylphthalate

Concen: 7.79 ng/ul

RT: 13.59 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BM010628.D

Acq: 21 Jun 2017 18:16

Instrument :

BNA_M

ClientSampleId :

F5E22

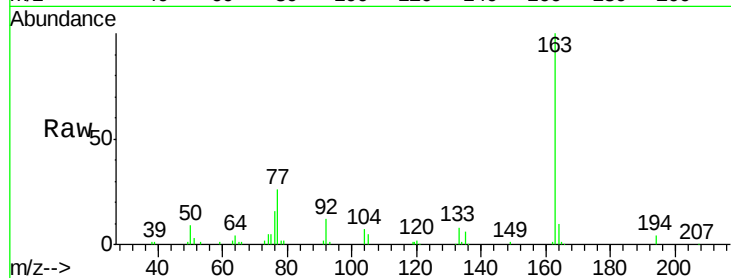
Tgt Ion:163 Resp: 111160

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

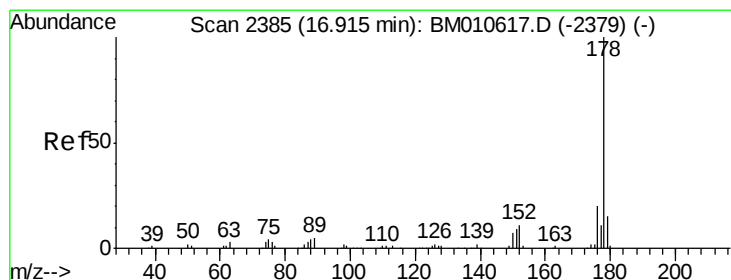
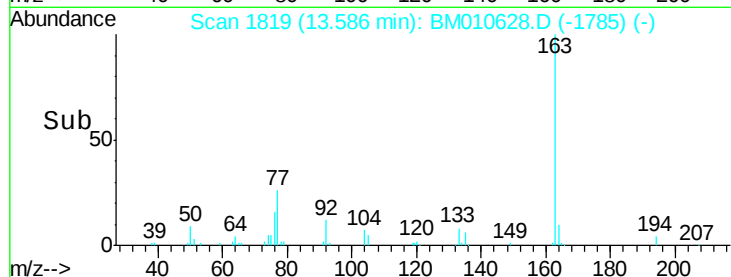
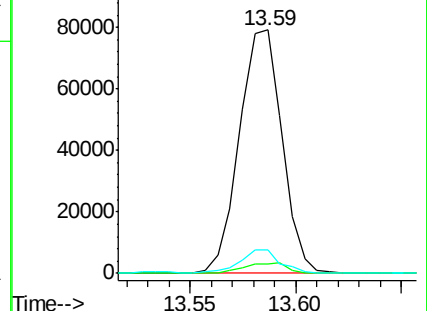
164 9.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.75 ng/ul

RT: 16.92 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM010628.D

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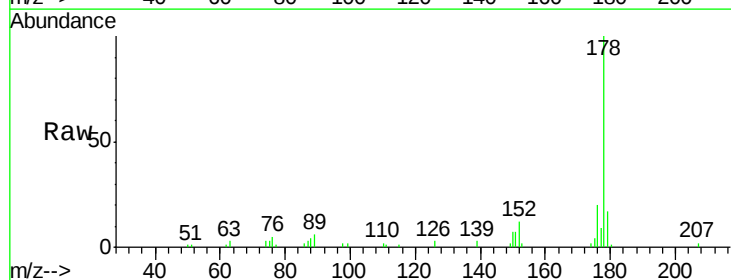
Tgt Ion:178 Resp: 38407

Ion Ratio Lower Upper

178 100

179 17.4 12.6 19.0

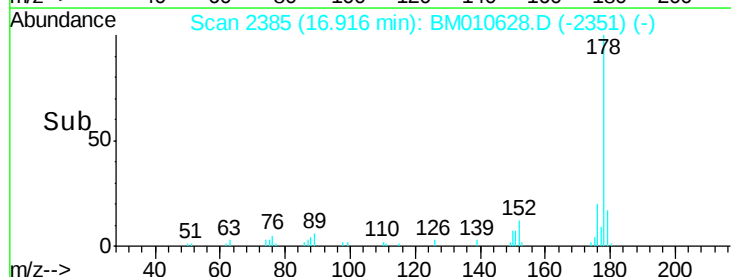
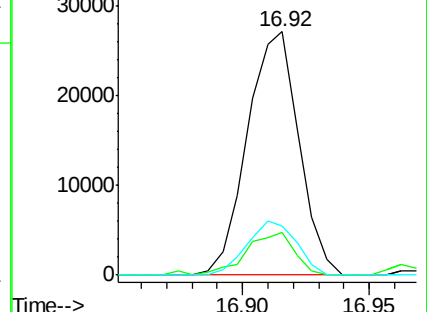
176 20.1 14.9 22.3

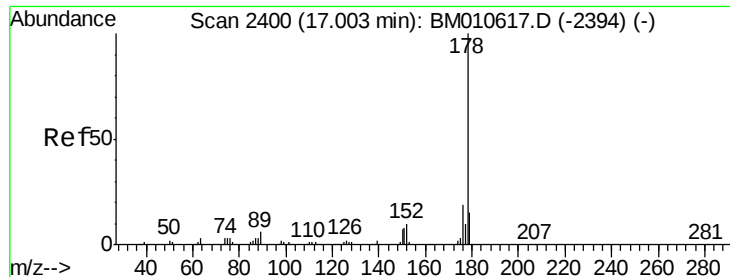


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

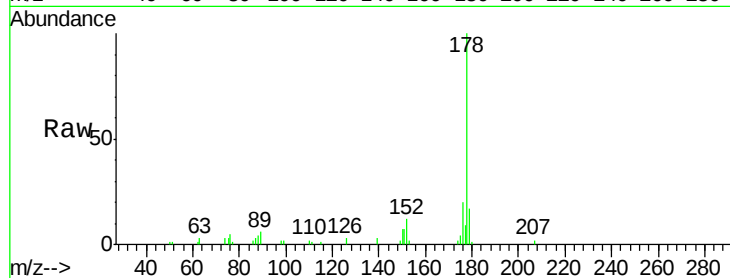




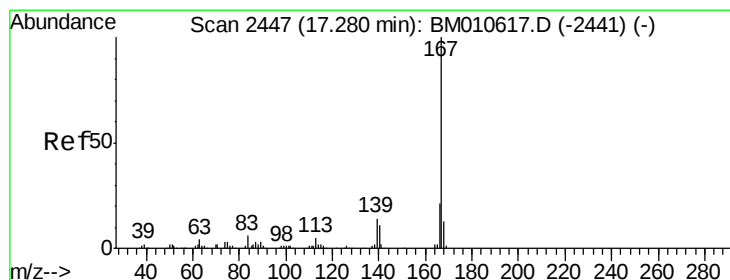
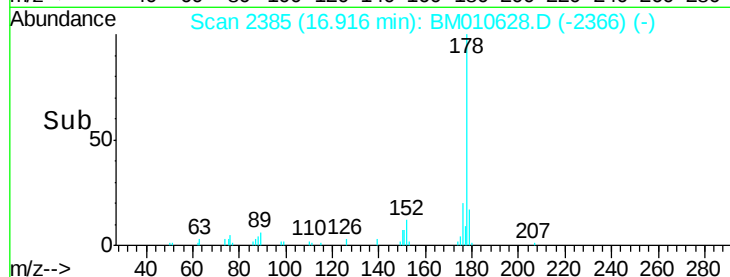
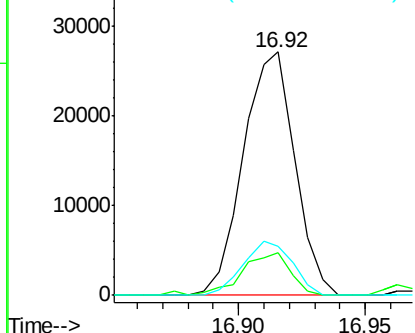
#71
 Anthracene
 Concen: 1.70 ng/ul
 RT: 16.92 min Scan# 2385
 Delta R.T. -0.09 min
 Lab File: BM010628.D
 Acq: 21 Jun 2017 18:16

Instrument :
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Tgt Ion:178 Resp: 38407
 Ion Ratio Lower Upper
 178 100
 179 17.4 11.7 17.5
 176 20.1 14.6 21.8

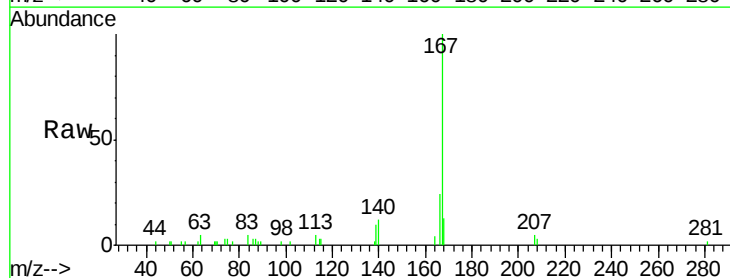


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



#72
 Carbazole
 Concen: 1.36 ng/ul
 RT: 17.28 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BM010628.D
 Acq: 21 Jun 2017 18:16

Tgt Ion:167 Resp: 26757
 Ion Ratio Lower Upper
 167 100
 166 24.4 17.1 25.7
 139 9.8 10.0 15.0#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

