

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\NOT REVIEWED DATA\
 Data File : BM023751.D
 Acq On : 15 Nov 2019 12:36
 Operator : JU
 Sample : K5700-08DL2 50X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGW9DL2

Quant Time: Nov 15 15:03:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 07:53:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	436167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1786715	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	1121456	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2425305	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2404095	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2856779	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	74	0.01	ng/uL	0.00
5) Phenol-d5	6.73	99	2513	0.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	9433	0.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	8895	0.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	4558	0.14	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	5928	0.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	4430	0.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	9828	0.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	2735	0.08	ng/ul	-0.02
44) Dimethylphthalate-d6	13.60	166	43522	0.50	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	41612	0.42	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.18	176	38525	0.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	2221	0.16	ng/ul	0.00
71) Anthracene-d10	16.93	188	2425305	21.08	ng/ul	-0.11
79) Pyrene-d10	19.33	212	65909	0.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	71444	0.48	ng/ul	0.00

Target Compounds

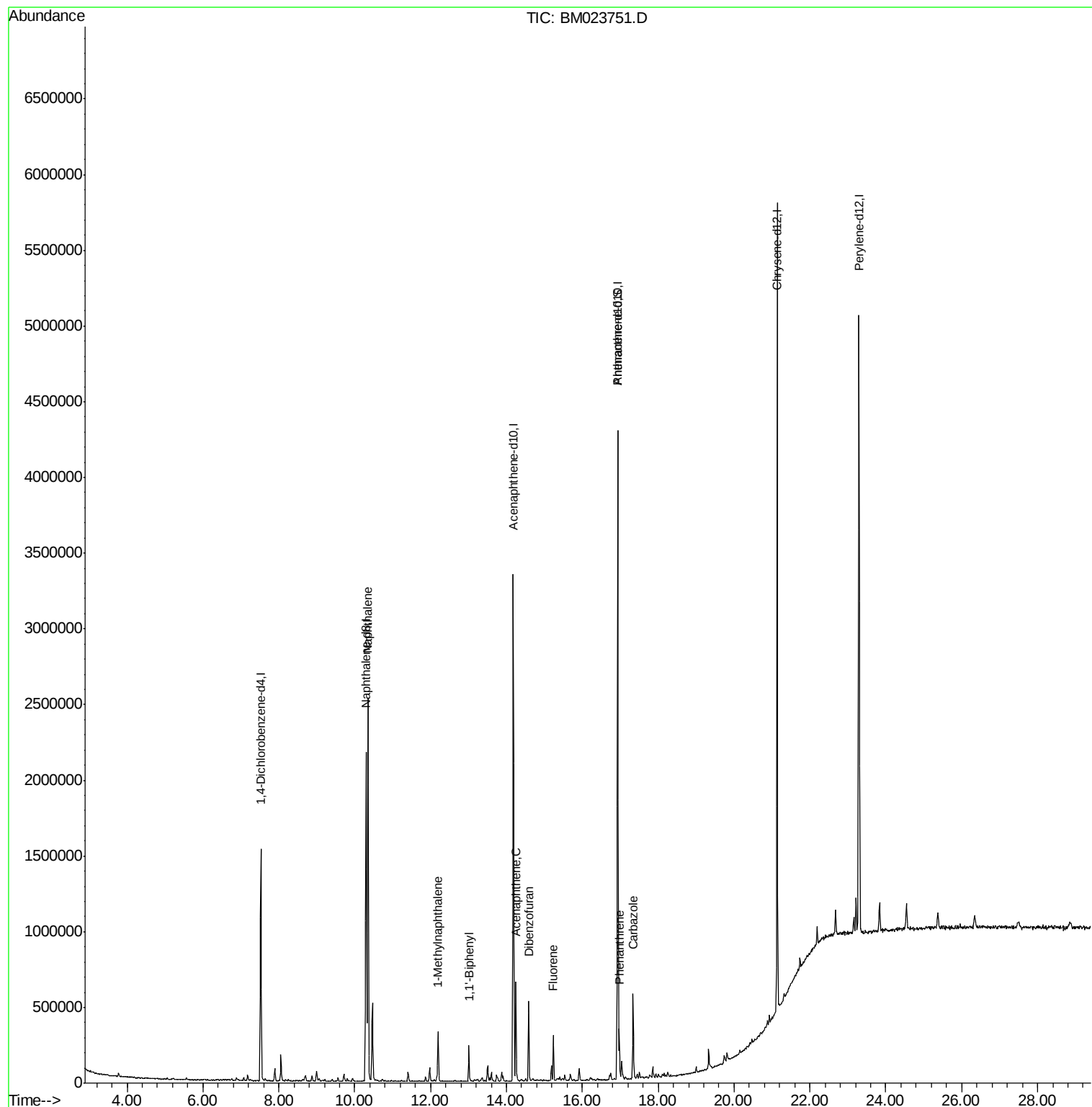
					Qvalue	
28) Naphthalene	10.35	128	2085166	22.204	ng/ul	99
35) 1-Methylnaphthalene	12.20	142	157875	2.228	ng/ul	97
41) 1,1'-Biphenyl	13.01	154	127711	1.476	ng/ul	99
50) Acenaphthene	14.25	153	261027	3.661	ng/ul	98
54) Dibenzofuran	14.59	168	340240	3.223	ng/ul	99
59) Fluorene	15.24	166	134576	1.572	ng/ul	97
70) Phenanthrene	16.97	178	172501	1.291	ng/ul	99
75) Carbazole	17.34	167	347635	3.105	ng/ul	98

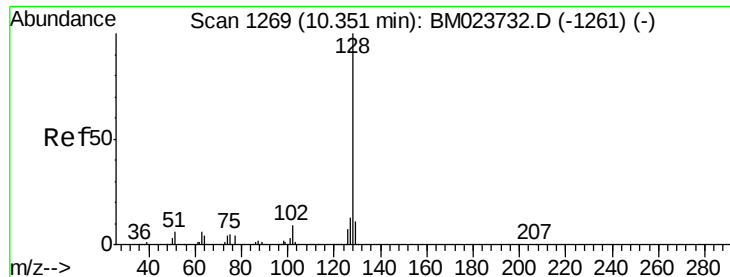
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 22.204 ng/ul

RT: 10.35 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM023751.D

Acq: 15 Nov 2019 12:36

Instrument :

BNA_M

ClientSampleId :

BEGW9DL2

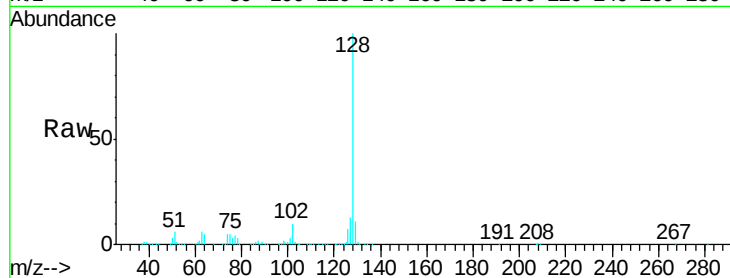
Tgt Ion:128 Resp: 2085166

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

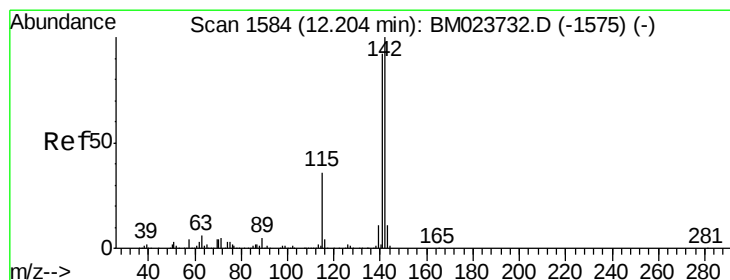
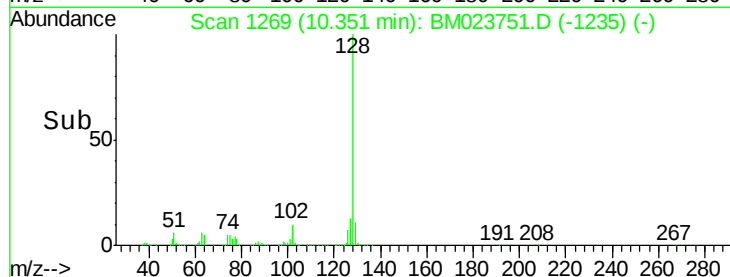
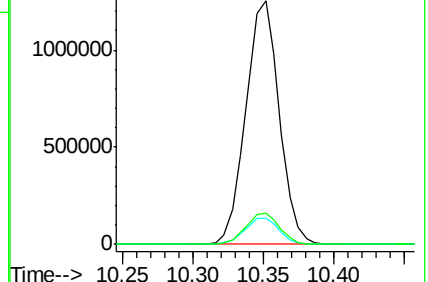
127 12.6 10.6 16.0



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



#35

1-Methylnaphthalene

Concen: 2.228 ng/ul

RT: 12.20 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM023751.D

Acq: 15 Nov 2019 12:36

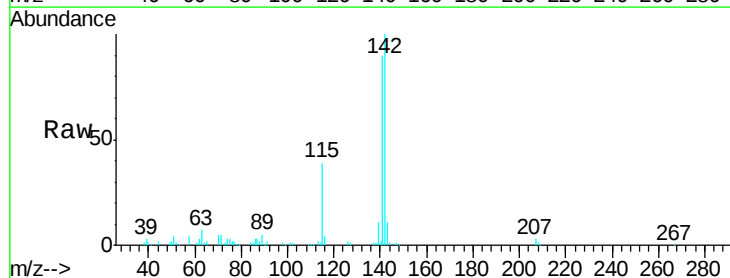
Tgt Ion:142 Resp: 157875

Ion Ratio Lower Upper

142 100

141 90.4 74.6 112.0

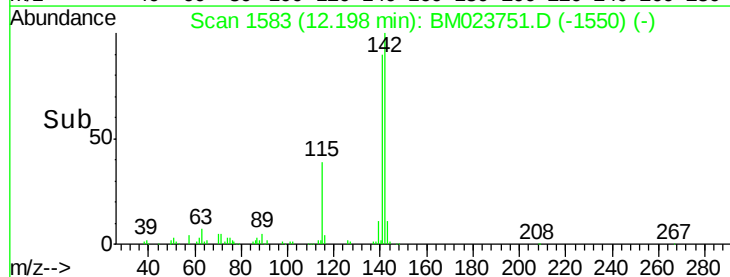
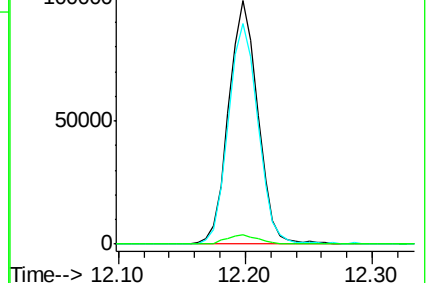
116 4.0 3.2 4.8

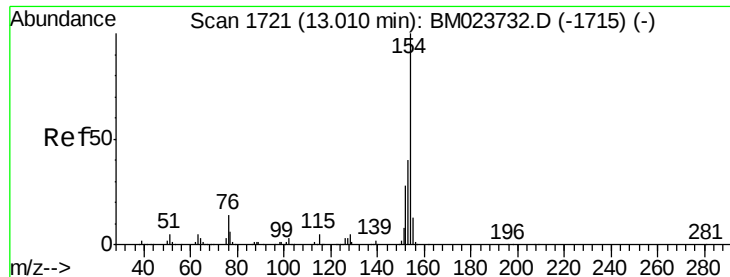


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

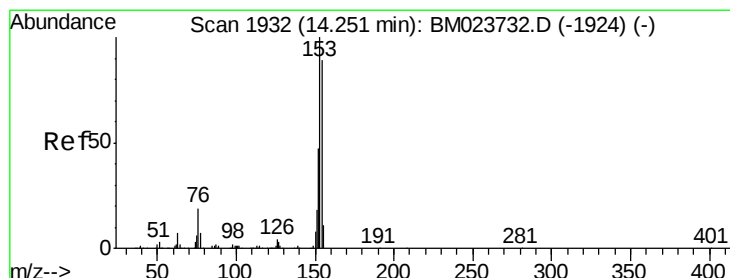
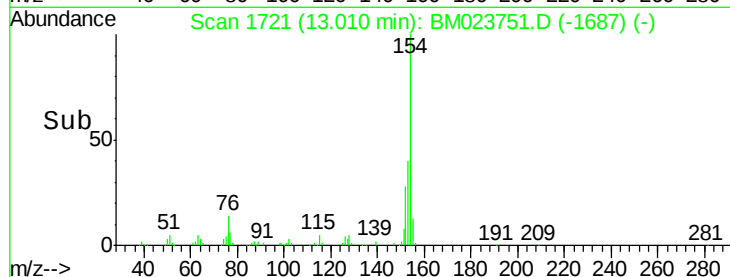
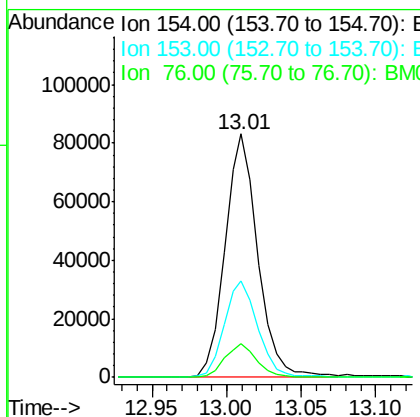
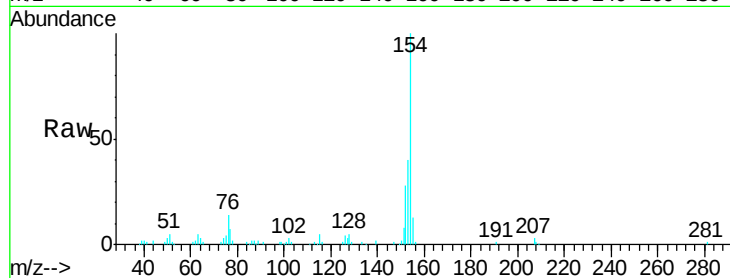




#41
1,1'-Biphenyl
Concen: 1.476 ng/ul
RT: 13.01 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BM023751.D
Acq: 15 Nov 2019 12:36

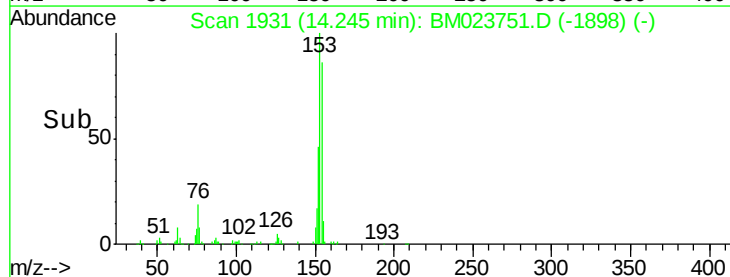
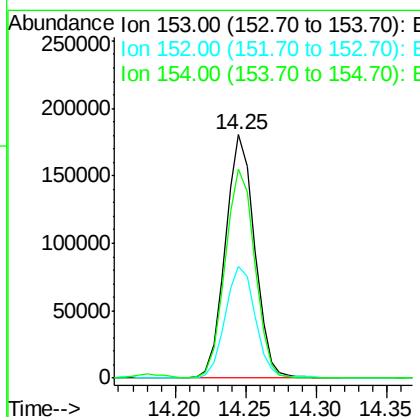
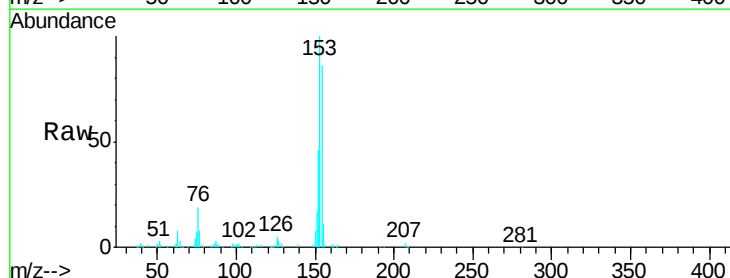
Instrument :
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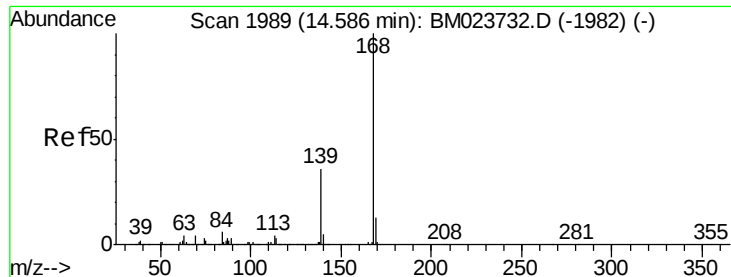
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.3	48.5
76	13.6	10.6	15.8



#50
Acenaphthene
Concen: 3.661 ng/ul
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM023751.D
Acq: 15 Nov 2019 12:36

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.1	37.7	56.5
154	85.7	70.6	106.0





#54

Dibenzenofuran

Concen: 3.223 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BM023751.D

Acq: 15 Nov 2019 12:36

Instrument :

BNA_M

ClientSampleId :

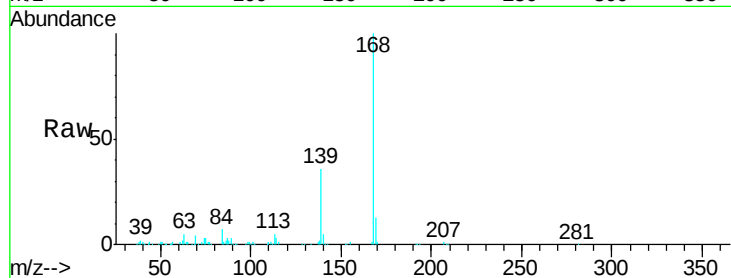
BEGW9DL2

Tgt Ion:168 Resp: 340240

Ion Ratio Lower Upper

168 100

139 36.2 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

250000

200000

150000

100000

50000

0

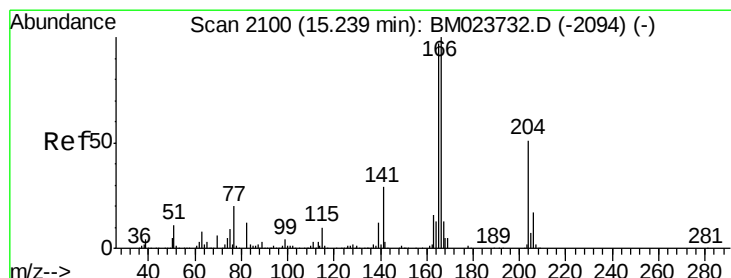
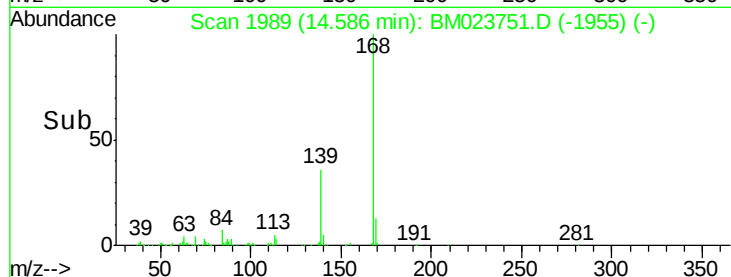
14.59

14.50

14.60

14.70

Time-->



#59

Fluorene

Concen: 1.572 ng/ul

RT: 15.24 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM023751.D

Acq: 15 Nov 2019 12:36

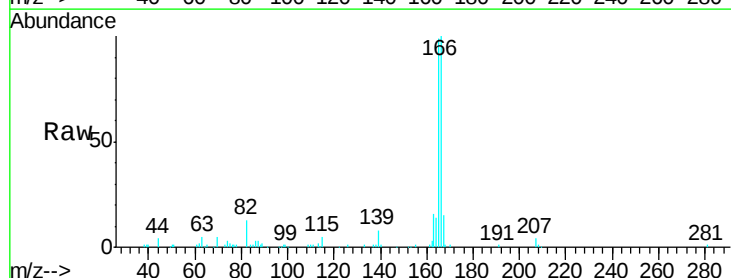
Tgt Ion:166 Resp: 134576

Ion Ratio Lower Upper

166 100

165 99.2 77.2 115.8

167 14.8 10.9 16.3



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

120000

100000

80000

60000

40000

20000

0

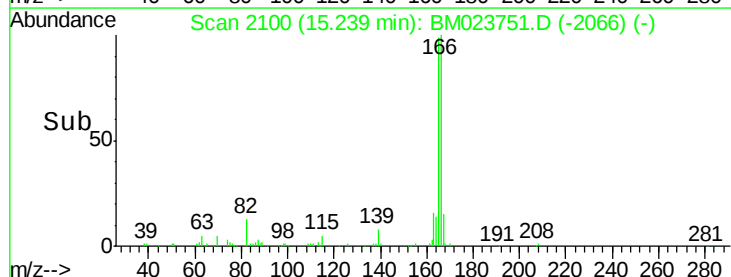
15.24

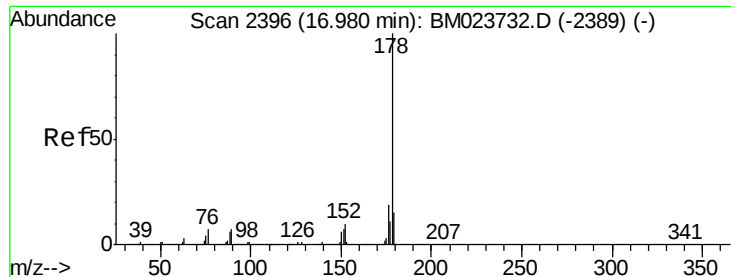
15.20

15.25

15.30

Time-->





#70

Phenanthrene

Concen: 1.291 ng/ul

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM023751.D

Acq: 15 Nov 2019 12:36

Instrument :

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ClientSampleId :

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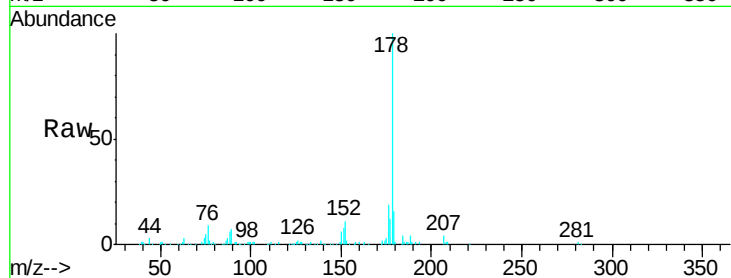
Tgt Ion:178 Resp: 172501

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

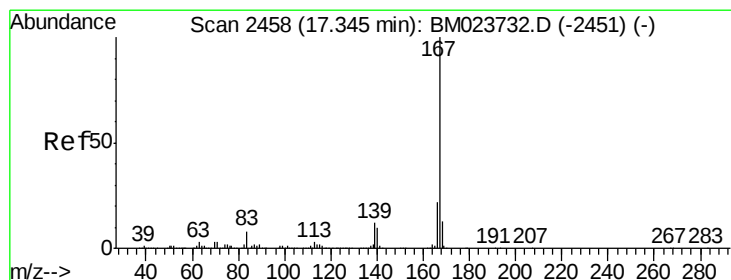
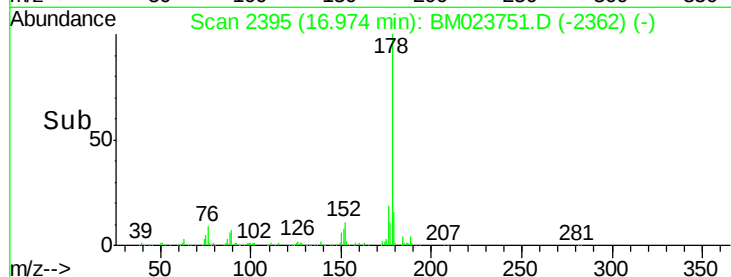
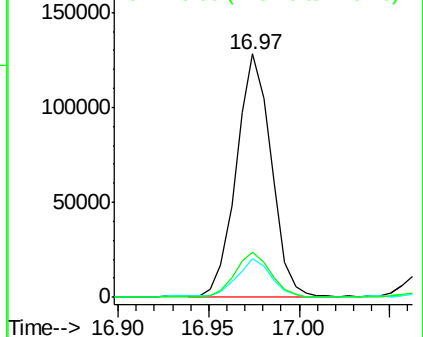
176 18.7 15.0 22.6



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



#75

Carbazole

Concen: 3.105 ng/ul

RT: 17.34 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM023751.D

Acq: 15 Nov 2019 12:36

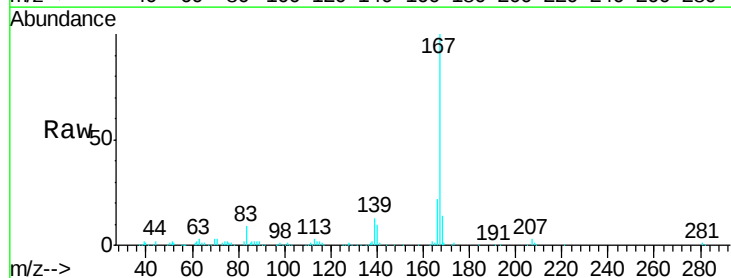
Tgt Ion:167 Resp: 347635

Ion Ratio Lower Upper

167 100

166 22.2 17.1 25.7

139 12.7 9.8 14.6



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

