

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023275.D
 Acq On : 19 Oct 2019 02:45
 Operator : JU
 Sample : K5345-17
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOLO

Quant Time: Oct 19 03:25:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 02:43:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	384066	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1517154	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	931586	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1940117	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2106503	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2470789	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	31402	3.60	ng/uL	0.00
5) Phenol-d5	6.83	99	609961	18.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	358113	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	503190	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	490464	18.25	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	234006	22.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	246161	25.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	495707	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	631082	20.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1496658	20.96	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1737782	20.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	192871	16.69	ng/ul	0.00
58) Fluorene-d10	15.29	176	1290863	21.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	152983	19.89	ng/ul	0.00
71) Anthracene-d10	17.14	188	2078097	22.21	ng/ul	0.00
79) Pyrene-d10	19.44	212	2499367	24.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3024254	24.15	ng/ul	0.00

Target Compounds

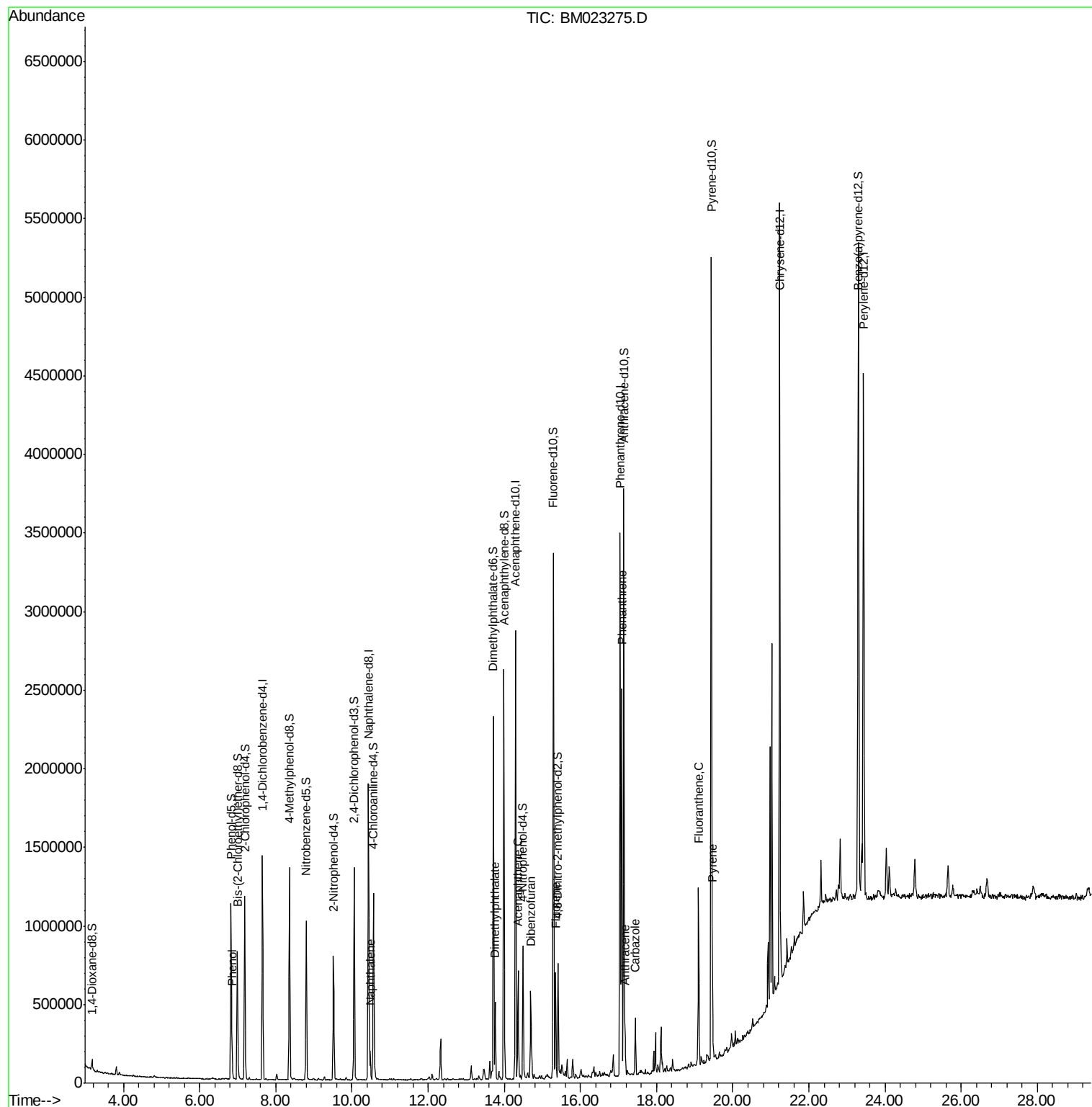
					Ovalue
6) Phenol	6.85	94	77569	2.249 ng/ul	95
28) Naphthalene	10.48	128	148157	1.889 ng/ul	98
45) Dimethylphthalate	13.76	163	308091	4.312 ng/ul	99
50) Acenaphthene	14.36	153	272243	4.567 ng/ul	99
54) Dibenzofuran	14.70	168	331565	3.918 ng/ul	100
59) Fluorene	15.35	166	277303	3.994 ng/ul	97
70) Phenanthrene	17.09	178	1471470	13.515 ng/ul	99
72) Anthracene	17.17	178	155630	1.383 ng/ul	98
75) Carbazole	17.44	167	230357	2.292 ng/ul	99
77) Fluoranthene	19.10	202	661934	5.112 ng/ul	99
80) Pyrene	19.47	202	469995	3.562 ng/ul	98

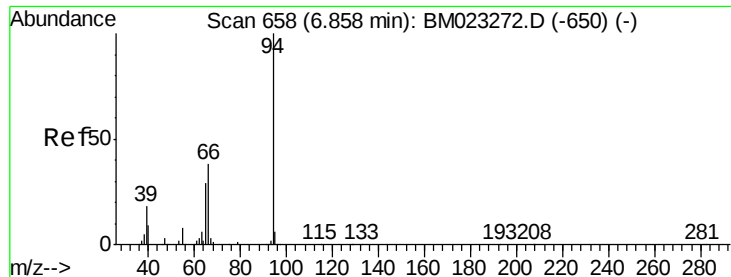
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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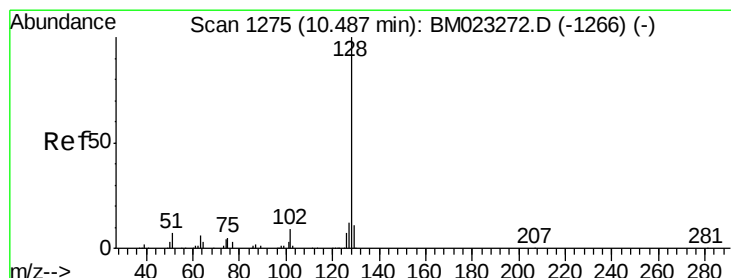
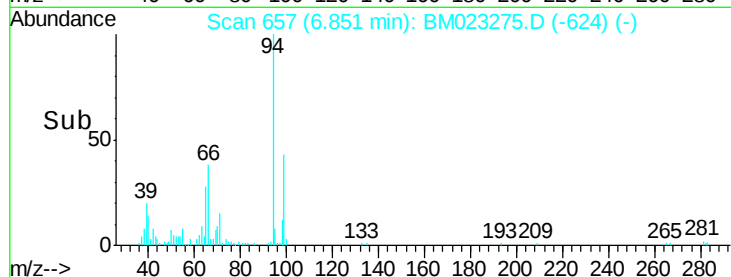
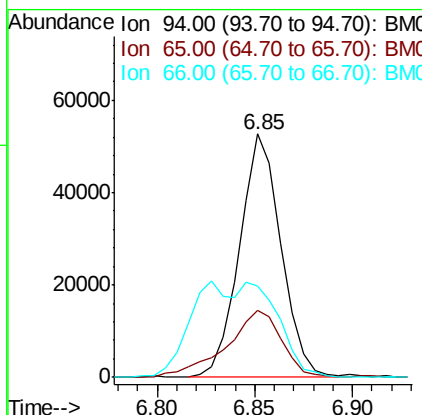
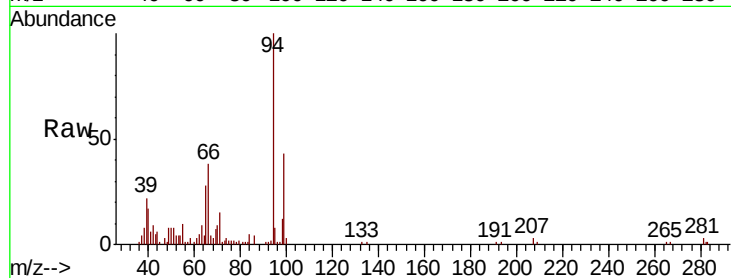
#6

Phenol

Concen: 2.249 ng/ul
 RT: 6.85 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BM023275.D
 Acq: 19 Oct 2019 02:45

Instrument :
 BNA_M
 ClientSampleId :
 ETOLO

Tot Ion	94	Resp	77569
Ion Ratio	Lower	Upper	
94	100		
65	27.7	23.7	35.5
66	37.6	32.9	49.3

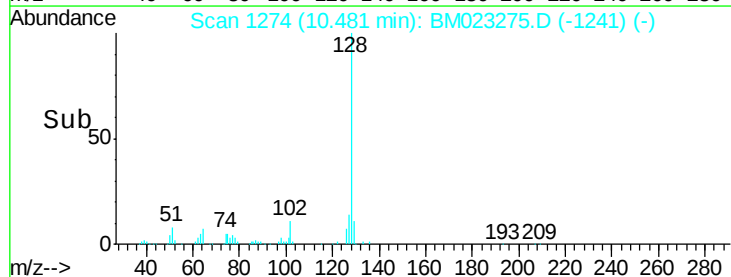
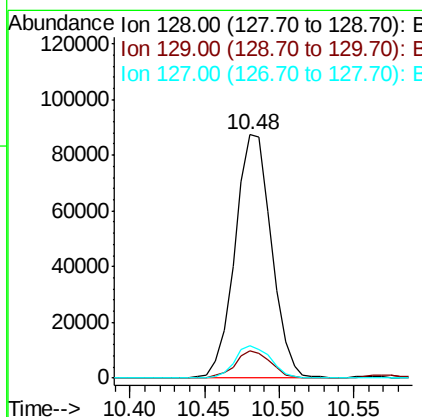
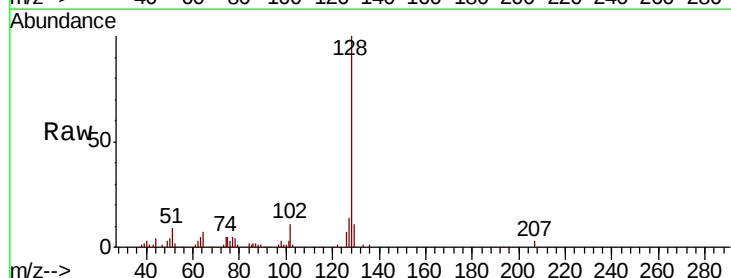


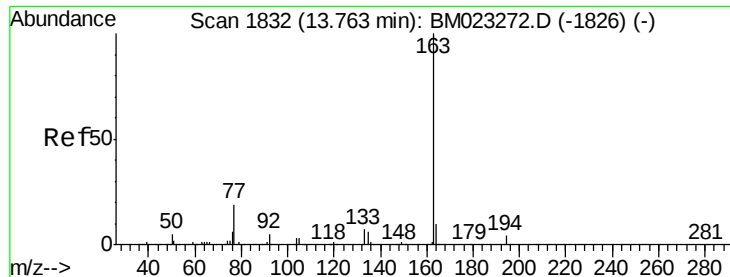
#28

Naphthalene

Concen: 1.889 ng/ul
 RT: 10.48 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BM023275.D
 Acq: 19 Oct 2019 02:45

Tgt Ion	128	Resp	148157
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.3	12.5
127	13.6	10.2	15.4

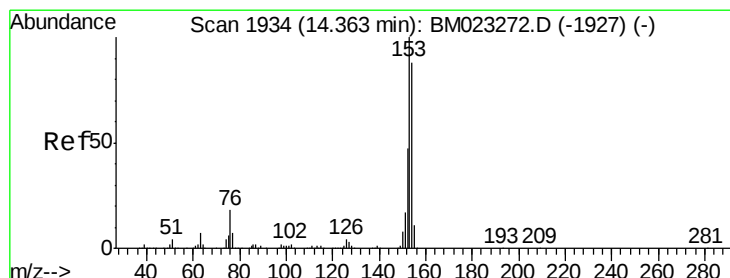
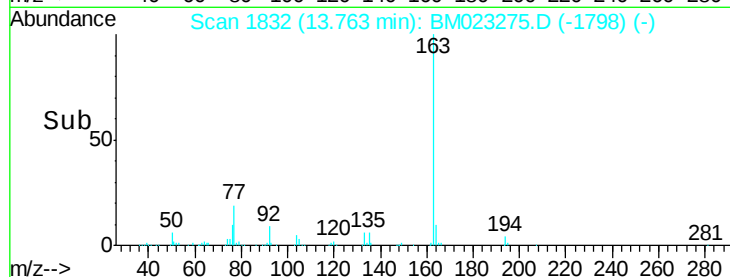
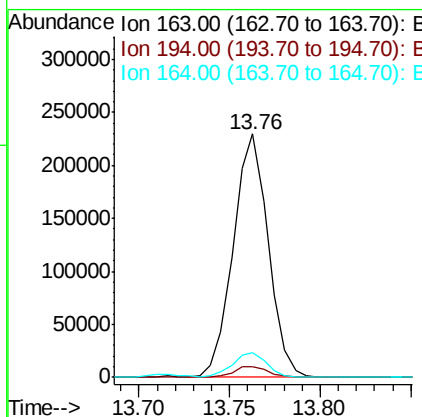
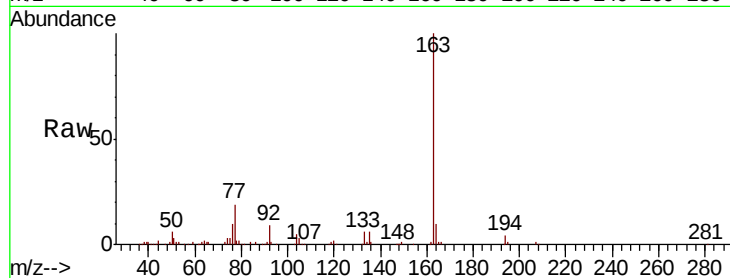




#45
Dimethylphthalate
Concen: 4.312 ng/ul
RT: 13.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BM023275.D
Acq: 19 Oct 2019 02:45

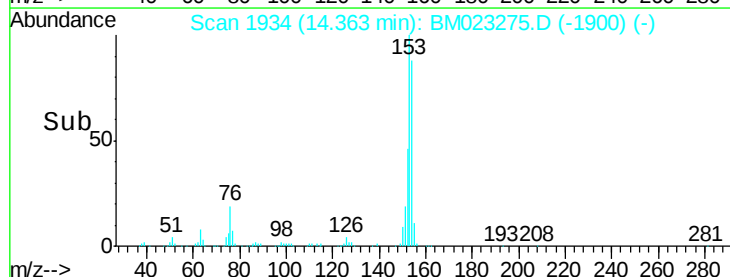
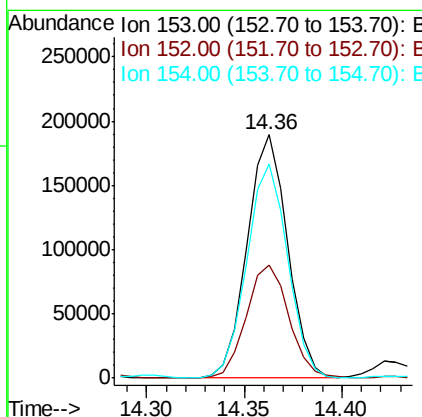
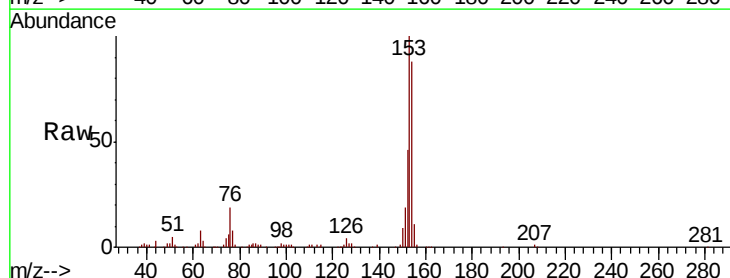
Instrument :
BNA_M
ClientSampleId :
ETOL0

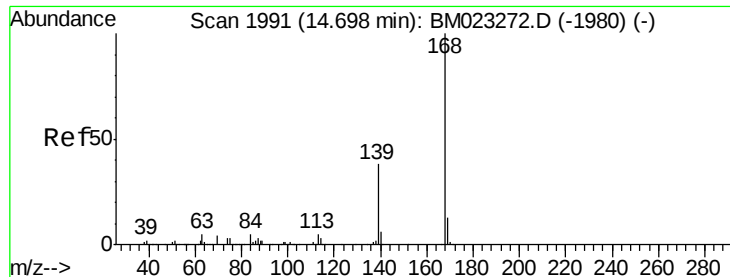
Tot Ion:163 Resp: 308091
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.3 8.0 12.0



#50
Acenaphthene
Concen: 4.567 ng/ul
RT: 14.36 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BM023275.D
Acq: 19 Oct 2019 02:45

Tgt Ion:153 Resp: 272243
Ion Ratio Lower Upper
153 100
152 46.5 38.0 57.0
154 88.1 70.4 105.6





#54

Dibenzenofuran

Concen: 3.918 ng/ul

RT: 14.70 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BM023275.D

Acq: 19 Oct 2019 02:45

Instrument :

BNA_M

ClientSampleId :

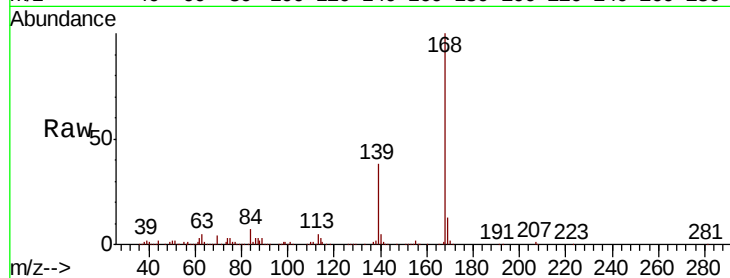
ETOL0

Tot Ion:168 Resp: 331565

Ion Ratio Lower Upper

168 100

139 37.6 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

250000

200000

150000

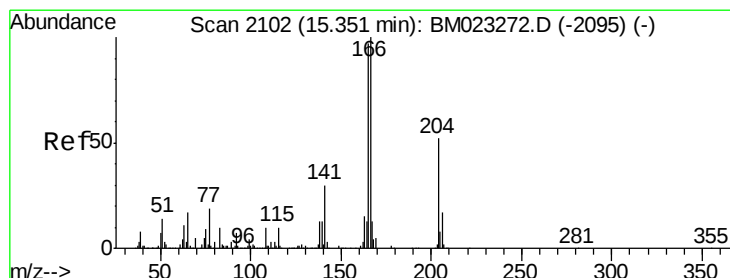
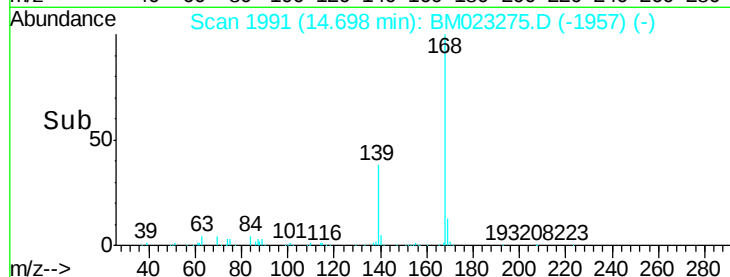
100000

50000

0

14.65 14.70 14.75

Time-->



#59

Fluorene

Concen: 3.994 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BM023275.D

Acq: 19 Oct 2019 02:45

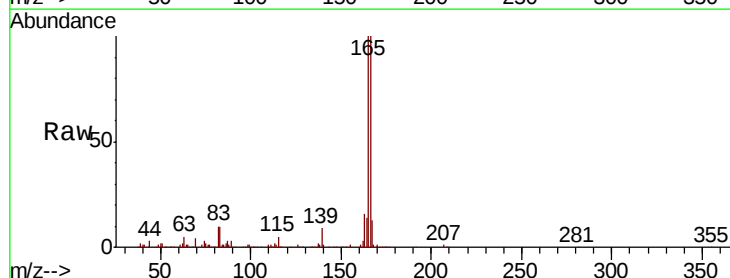
Tgt Ion:166 Resp: 277303

Ion Ratio Lower Upper

166 100

165 100.4 77.4 116.0

167 13.4 10.8 16.2



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

250000

200000

150000

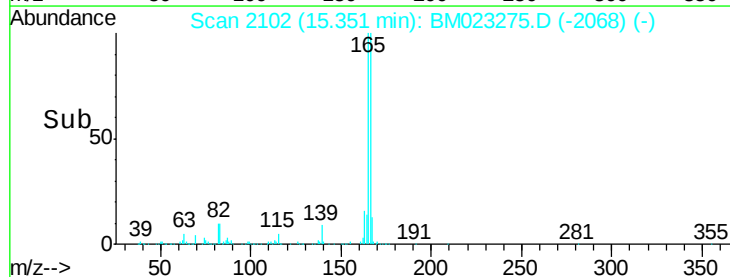
100000

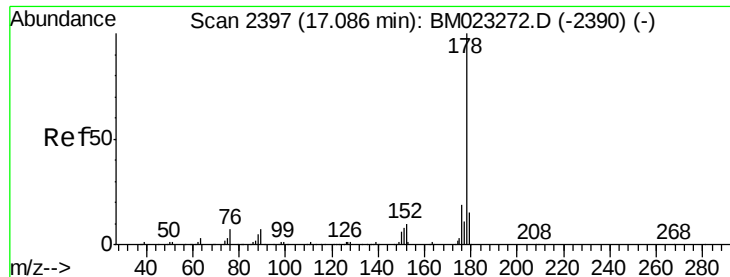
50000

0

15.30 15.35 15.40

Time-->





#70

Phenanthrene

Concen: 13.515 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM023275.D

Acq: 19 Oct 2019 02:45

Instrument :

BNA_M

ClientSampleId :

ETOL0

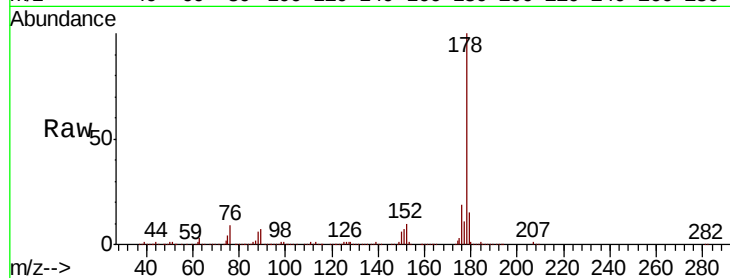
Tot Ion:178 Resp: 1471470

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

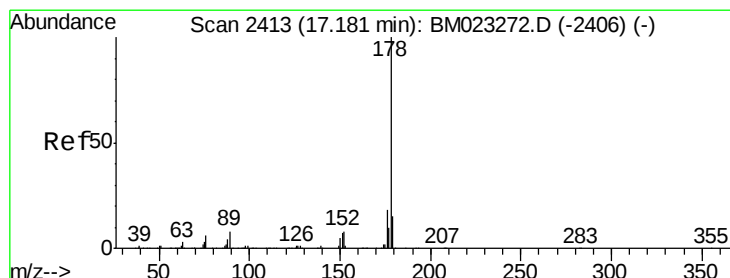
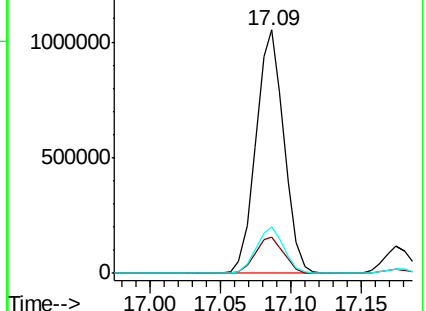
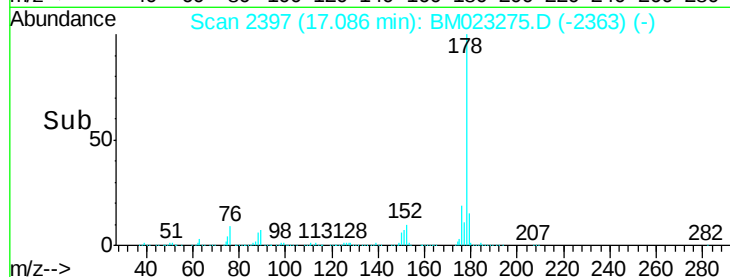
176 19.2 15.5 23.3



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



#72

Anthracene

Concen: 1.383 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM023275.D

Acq: 19 Oct 2019 02:45

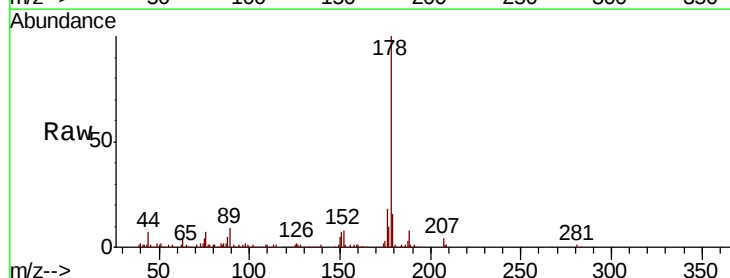
Tgt Ion:178 Resp: 155630

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

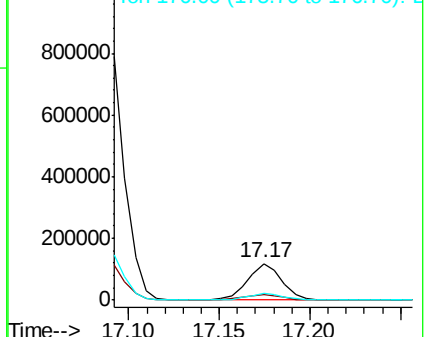
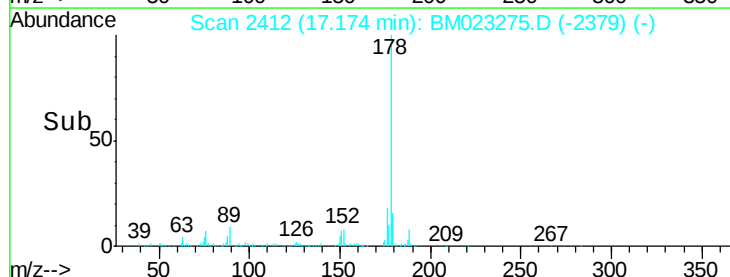
176 17.7 15.0 22.4

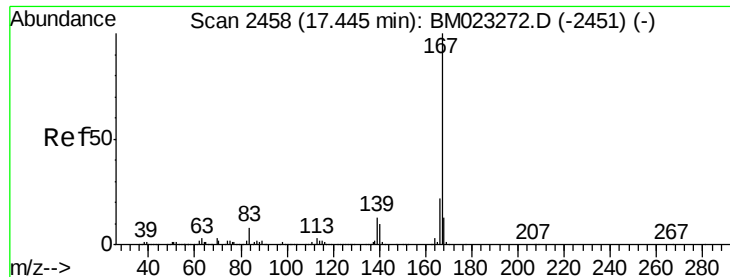


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 2.292 ng/ul

RT: 17.44 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM023275.D

Acq: 19 Oct 2019 02:45

Instrument :

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ClientSampleId :

ETOL0

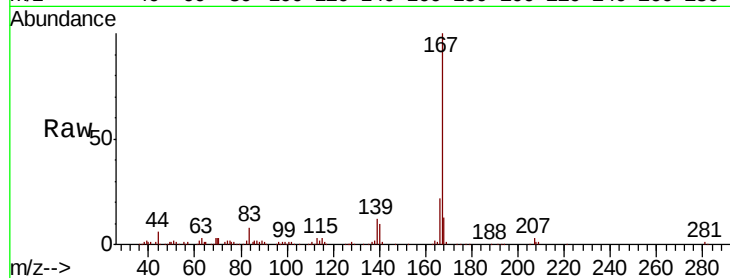
Tot Ion:167 Resp: 230357

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

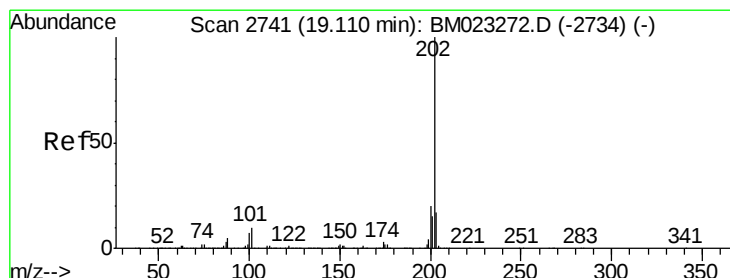
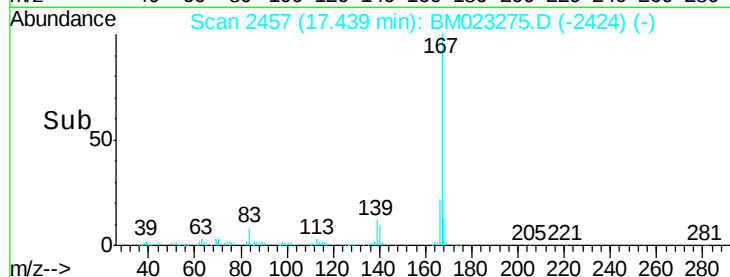
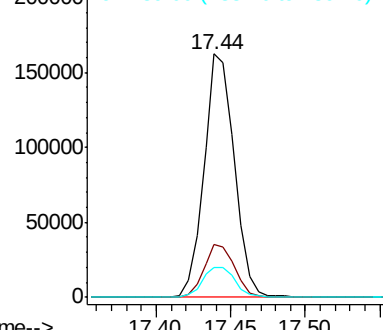
139 12.0 10.2 15.2



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



#77

Fluoranthene

Concen: 5.112 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM023275.D

Acq: 19 Oct 2019 02:45

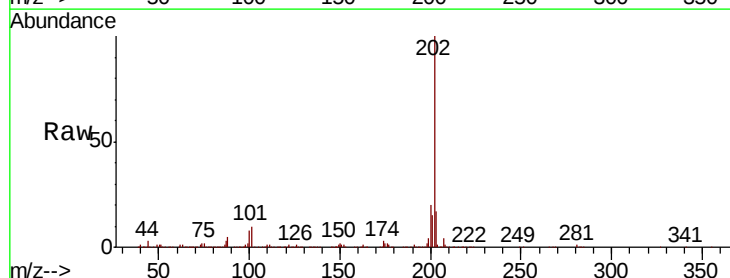
Tgt Ion:202 Resp: 661934

Ion Ratio Lower Upper

202 100

101 10.5 7.8 11.8

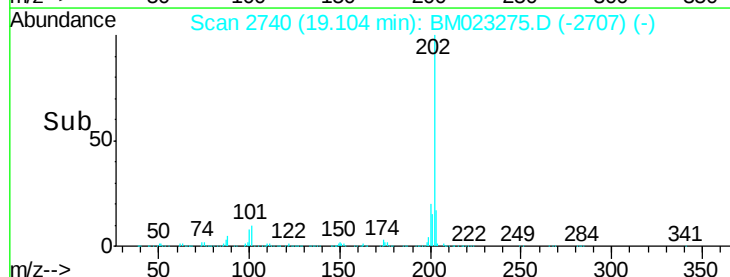
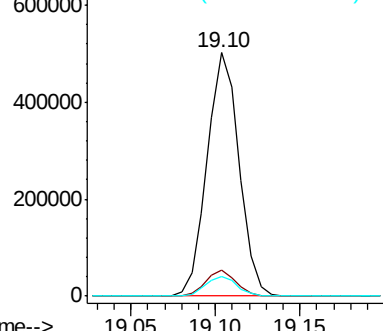
100 7.8 6.1 9.1

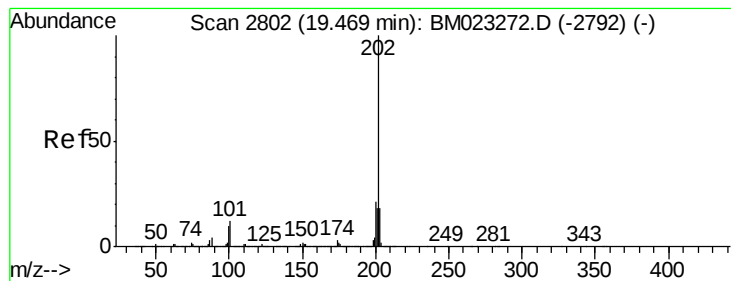


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80
 Pvrene
 Concen: 3.562 ng/ul
 RT: 19.47 min Scan# 2802
 Delta R.T. -0.00 min
 Lab File: BM023275.D
 Acq: 19 Oct 2019 02:45

Instrument :
 BNA_M
 ClientSampleId :
 ETOL0

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	10.3	7.5	11.3

