

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
 Data File : BM026517.D
 Acq On : 24 Jun 2020 02:18
 Operator : JU/CG
 Sample : L3069-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB7G8

Quant Time: Jun 24 05:02:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 24 00:41:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	145646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	656726	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	430500	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	925590	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	764208	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	638248	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	20645	4.97	ng/uL	0.00
5) Phenol-d5	6.59	99	92391	6.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	221353	26.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	220789	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	170505	16.14	ng/ul	0.01
19) Nitrobenzene-d5	8.53	128	132710	22.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	151189	23.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	269712	22.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	304920	24.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	876386	24.21	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	979525	22.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	29901	4.98	ng/ul	0.03
58) Fluorene-d10	15.04	176	695595	22.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	90311	14.91	ng/ul	0.00
71) Anthracene-d10	16.89	188	935647	19.86	ng/ul	0.00
79) Pyrene-d10	19.20	212	665735	15.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	207701	5.89	ng/ul	0.00

Target Compounds

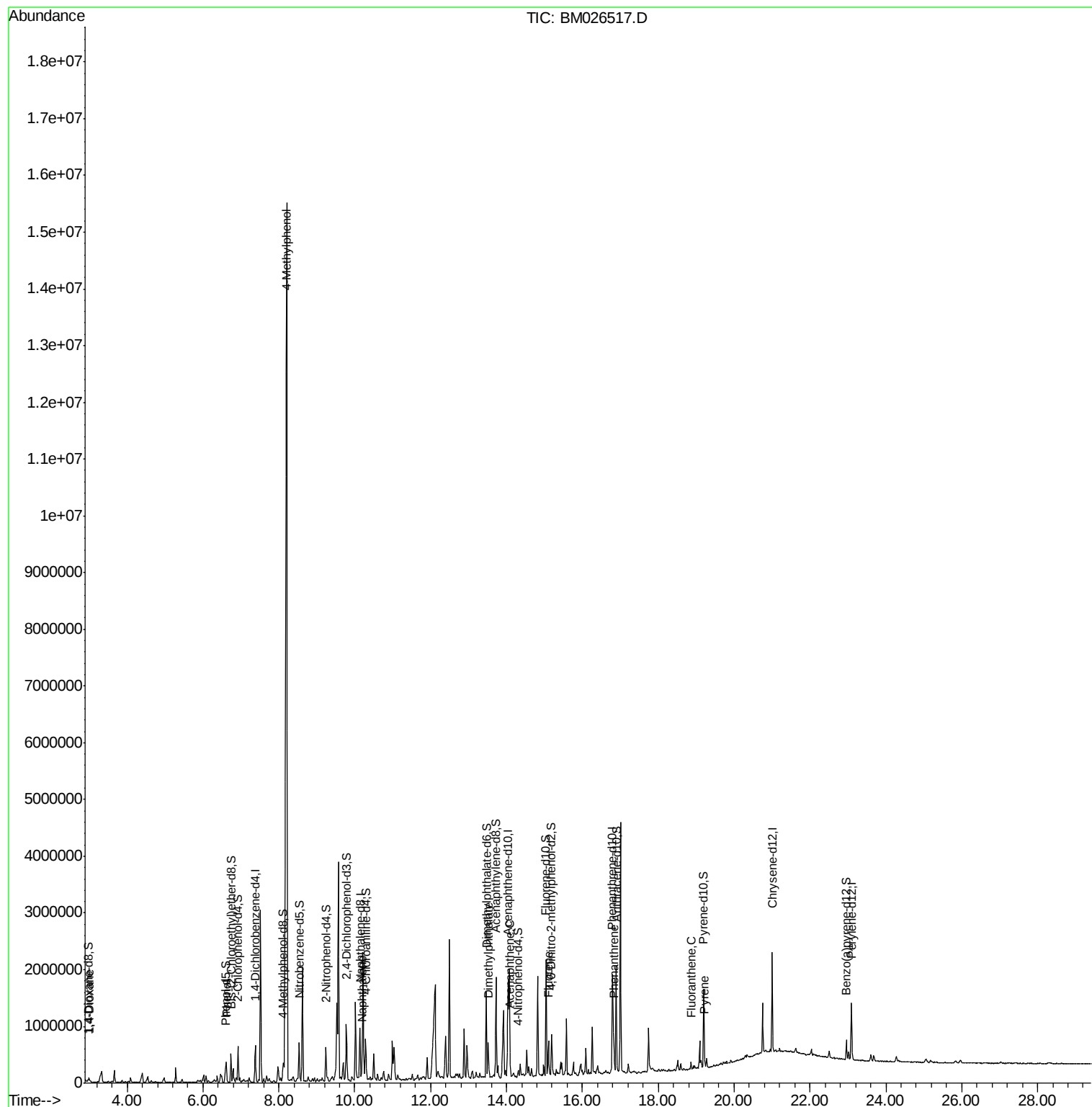
					Ovalue
2) 1,4-Dioxane	3.00	88	31482	6.837	ng/uL 96
6) Phenol	6.62	94	173882	11.834	ng/ul 97
16) 4-Methylphenol	8.20	108	7605778	657.639	ng/ul 86
28) Naphthalene	10.19	128	74083	1.855	ng/ul 98
45) Dimethylphthalate	13.52	163	279286	7.430	ng/ul 99
50) Acenaphthene	14.10	153	64327	2.015	ng/ul 99
59) Fluorene	15.10	166	39633	1.066	ng/ul# 99
70) Phenanthrene	16.83	178	136266	2.347	ng/ul 99
77) Fluoranthene	18.86	202	73102	1.153	ng/ul# 95
80) Pyrene	19.23	202	62381	1.110	ng/ul 98

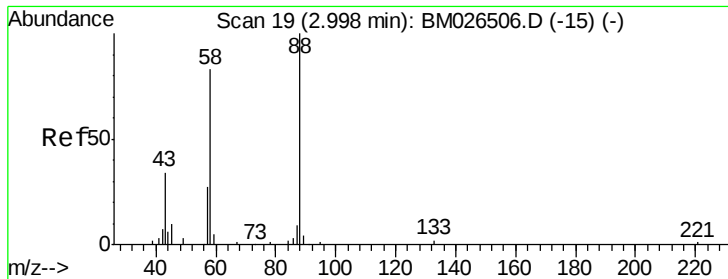
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 24 05:02:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 24 00:41:03 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 6.837 ng/uL

RT: 3.00 min Scan# 19

Delta R.T. -0.00 min

Lab File: BM026517.D

Acq: 24 Jun 2020 02:18

Instrument :

BNA_M

ClientSampleID :

CB7G8

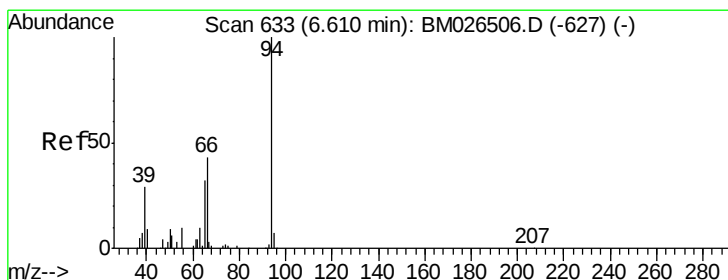
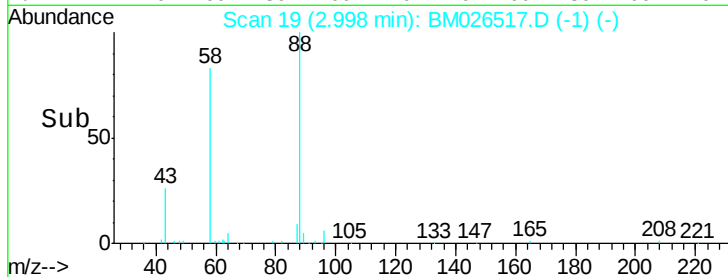
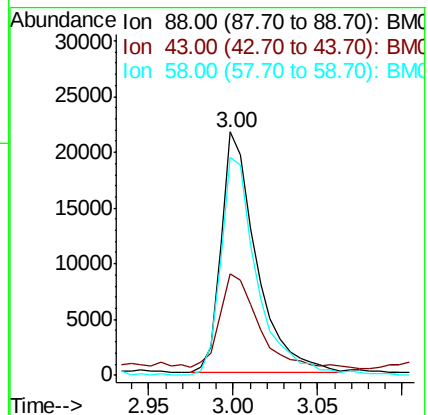
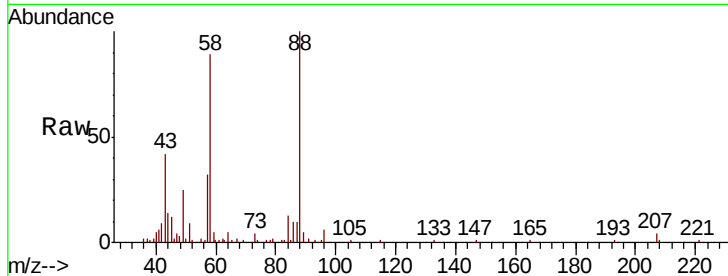
Tot Ion: 88 Resp: 31482

Ion Ratio Lower Upper

88 100

43 41.7 33.2 49.8

58 89.4 67.8 101.6



#6

Phenol

Concen: 11.834 ng/uL

RT: 6.62 min Scan# 634

Delta R.T. 0.01 min

Lab File: BM026517.D

Acq: 24 Jun 2020 02:18

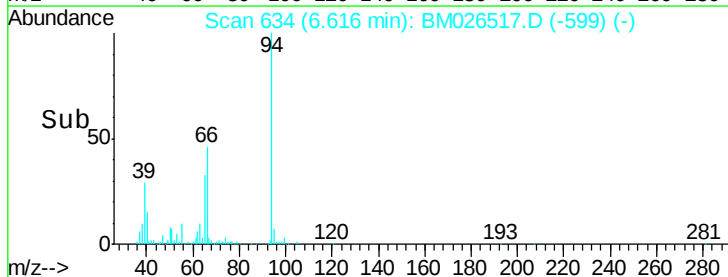
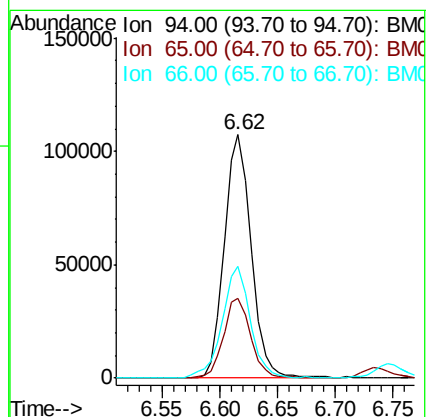
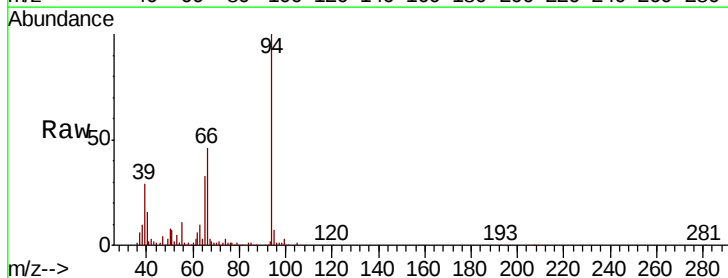
Tgt Ion: 94 Resp: 173882

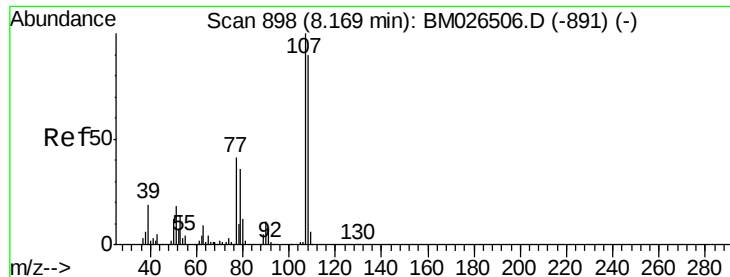
Ion Ratio Lower Upper

94 100

65 32.9 25.5 38.3

66 45.7 34.8 52.2

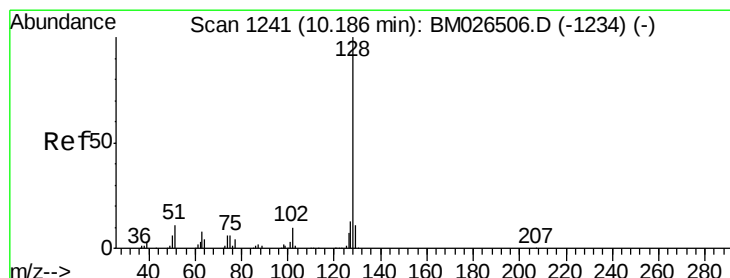
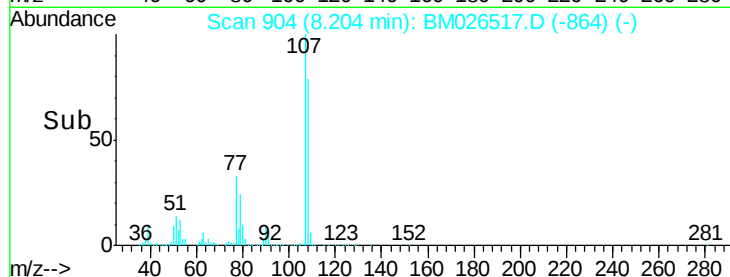
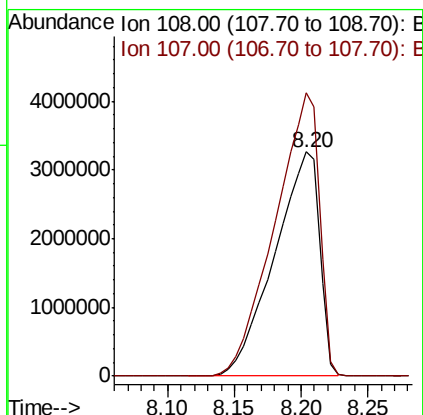
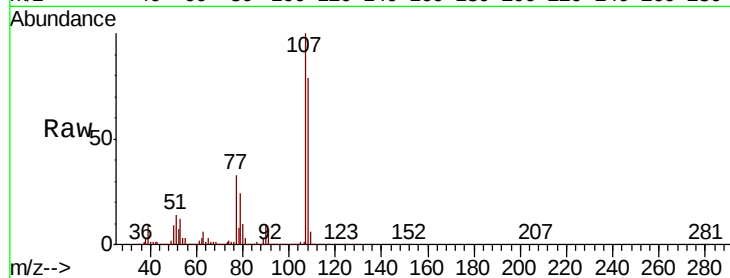




#16
4-Methylphenol
Concen: 657.639 ng/ul
RT: 8.20 min Scan# 904
Delta R.T. 0.03 min
Lab File: BM026517.D
Acq: 24 Jun 2020 02:18

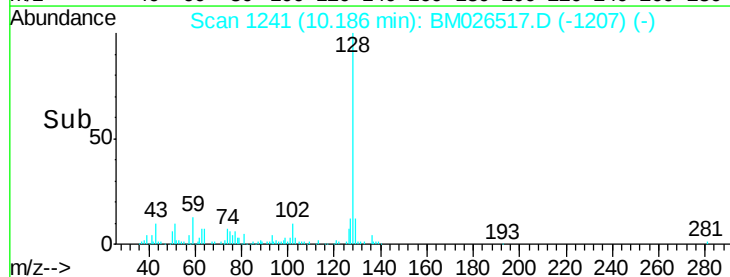
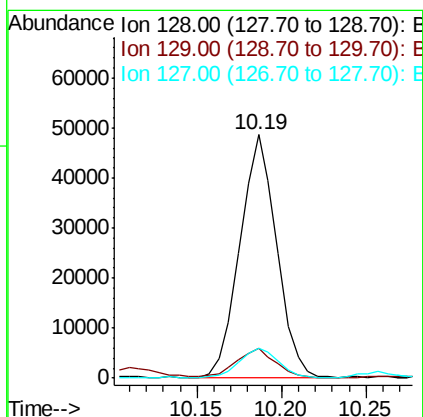
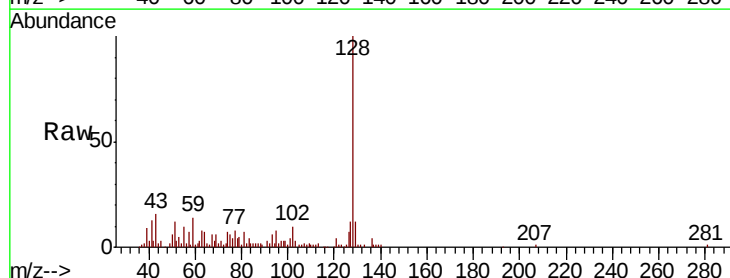
Instrument :
BNA_M
ClientSampleId :
CB7G8

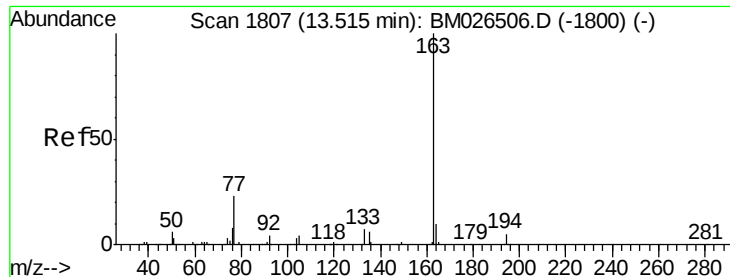
Tot Ion:108 Resp: 7605778
Ion Ratio Lower Upper
108 100
107 126.1 89.2 133.8



#28
Naphthalene
Concen: 1.855 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM026517.D
Acq: 24 Jun 2020 02:18

Tgt Ion:128 Resp: 74083
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 12.3 10.1 15.1





#45

Dimethylphthalate

Concen: 7.430 ng/ul

RT: 13.52 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BM026517.D

Acq: 24 Jun 2020 02:18

Instrument :

BNA_M

ClientSampled :

CB7G8

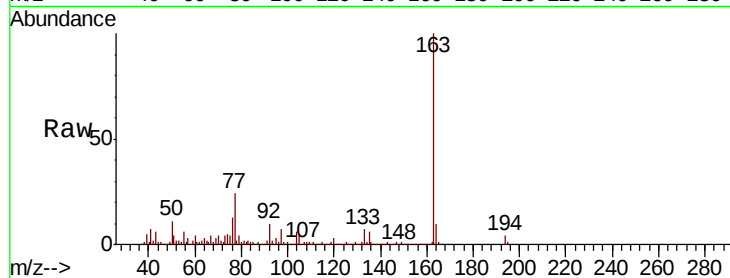
Tot Ion:163 Resp: 279286

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

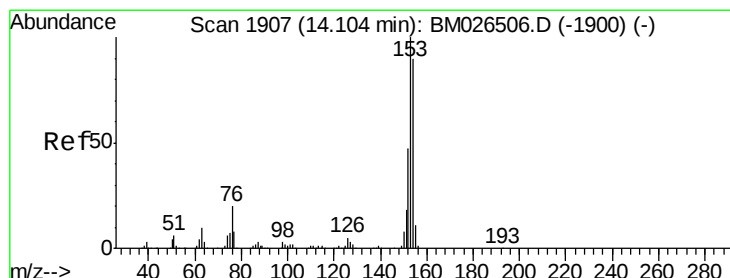
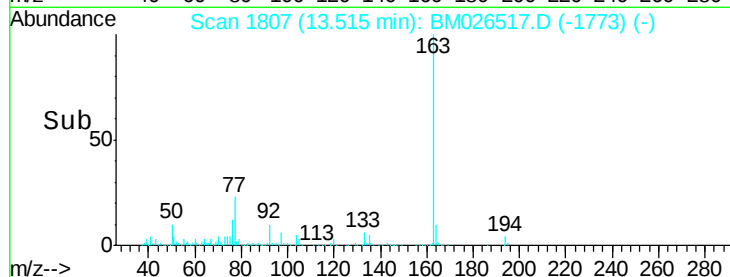
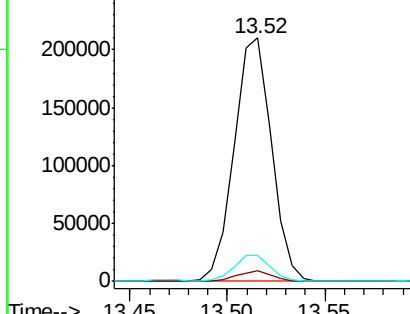
164 10.5 7.8 11.6



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



#50

Acenaphthene

Concen: 2.015 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM026517.D

Acq: 24 Jun 2020 02:18

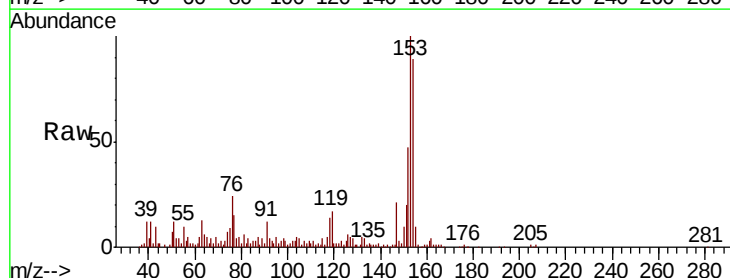
Tgt Ion:153 Resp: 64327

Ion Ratio Lower Upper

153 100

152 47.5 36.4 54.6

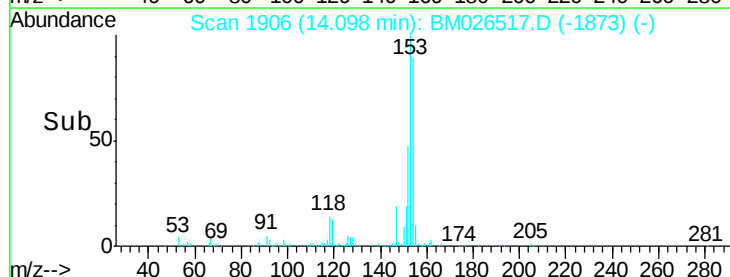
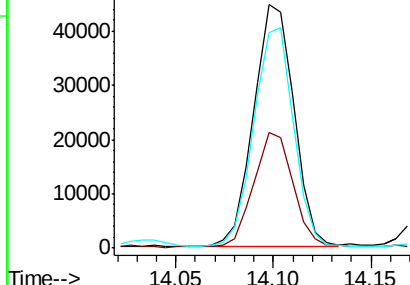
154 88.6 71.0 106.4

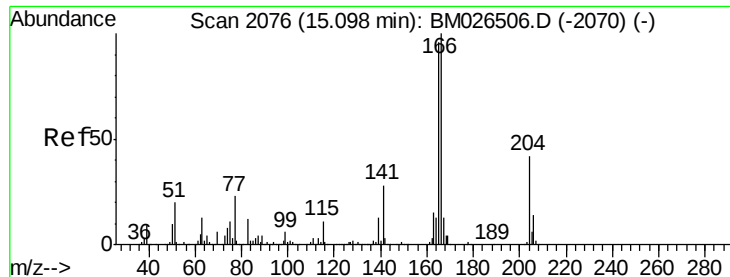


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 1.066 ng/ul

RT: 15.10 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM026517.D

Acq: 24 Jun 2020 02:18

Instrument :

BNA_M

ClientSampleId :

CB7G8

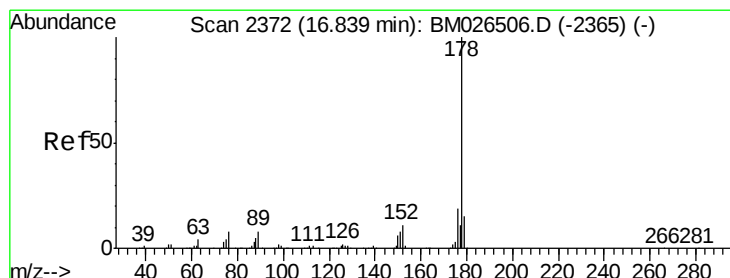
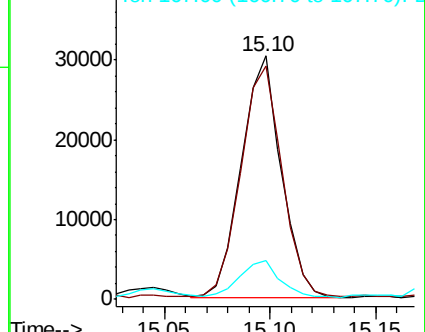
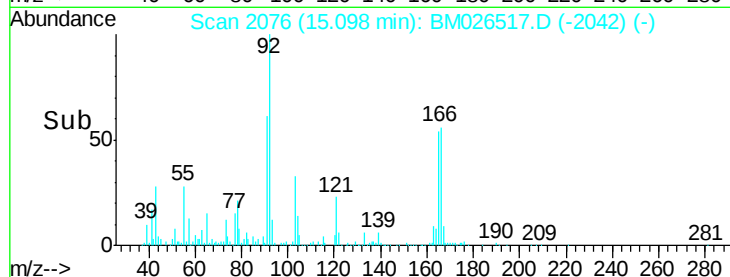
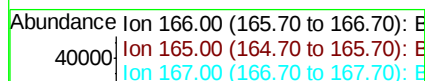
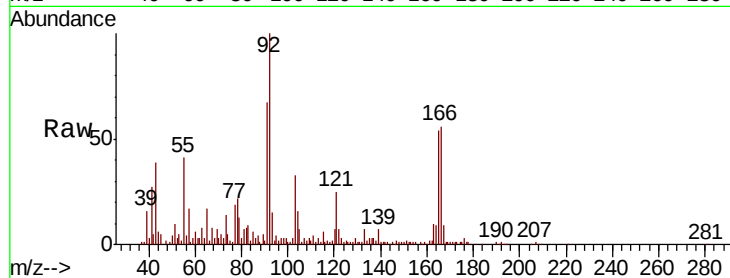
Tot Ion:166 Resp: 39633

Ion Ratio Lower Upper

166 100

165 96.1 77.0 115.4

167 16.1 10.6 16.0#



#70

Phenanthrene

Concen: 2.347 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BM026517.D

Acq: 24 Jun 2020 02:18

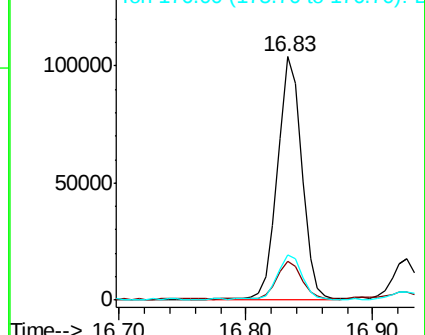
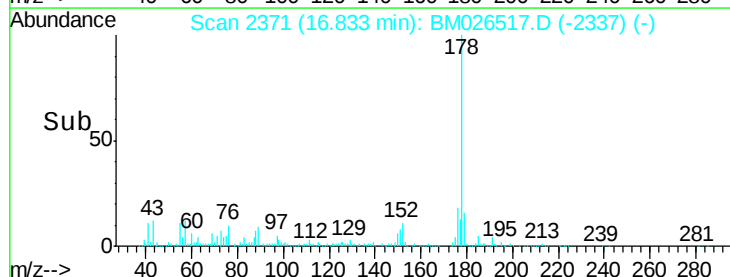
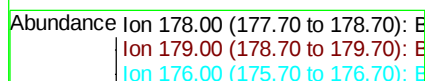
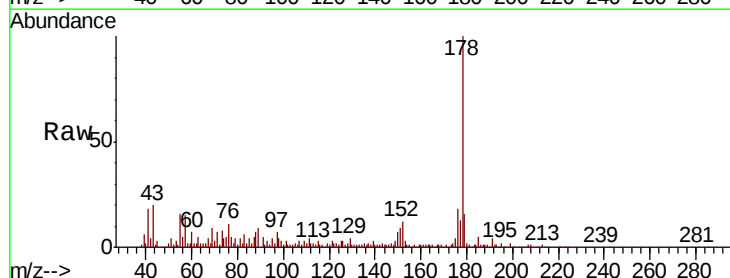
Tgt Ion:178 Resp: 136266

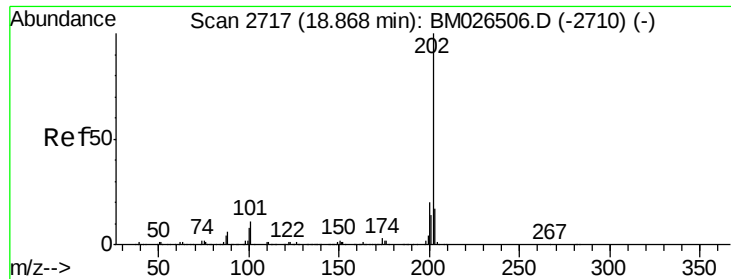
Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

176 18.3 15.0 22.4

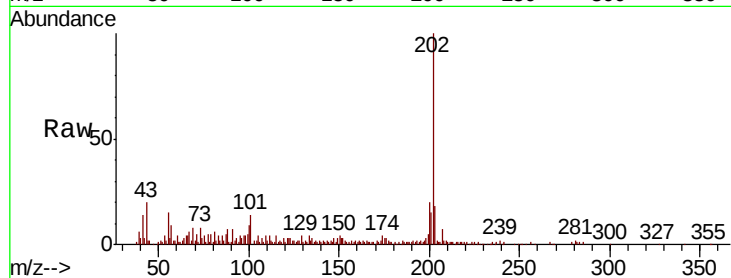




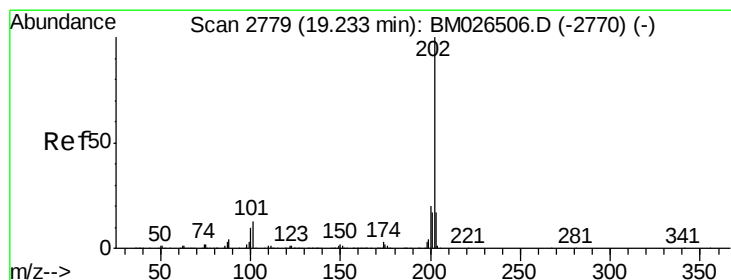
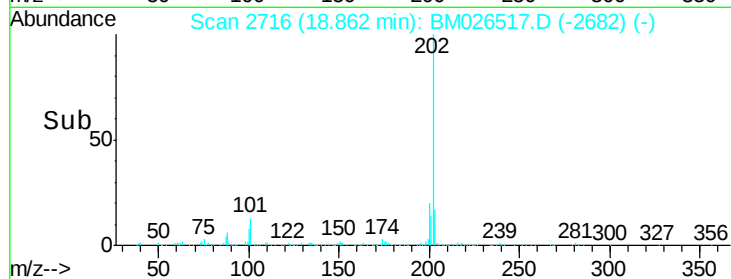
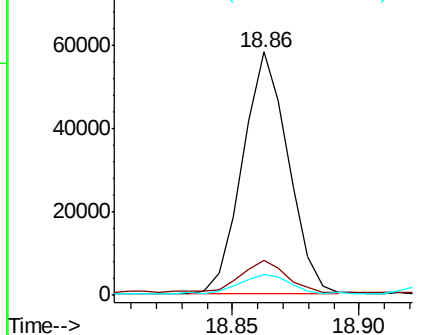
#77
 Fluoranthene
 Concen: 1.153 ng/ul
 RT: 18.86 min Scan# 2716
 Delta R.T. -0.00 min
 Lab File: BM026517.D
 Acq: 24 Jun 2020 02:18

Instrument :
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 ClientSampleId :
 CB7G8

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	8.6	12.8#
100	8.6	6.8	10.2

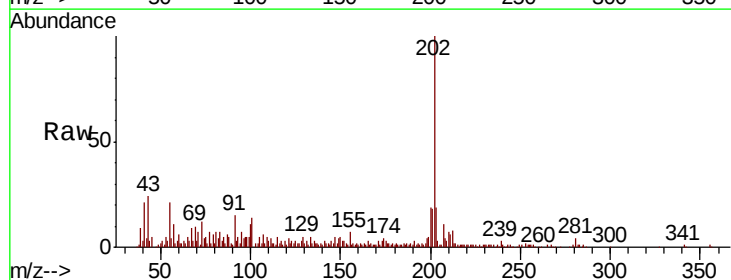


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



#80
 Pyrene
 Concen: 1.110 ng/ul
 RT: 19.23 min Scan# 2778
 Delta R.T. -0.01 min
 Lab File: BM026517.D
 Acq: 24 Jun 2020 02:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.9	16.3
100	10.5	9.0	13.6



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

