

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022891.D
 Acq On : 02 Oct 2019 14:04
 Operator : JU
 Sample : K4983-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDL4

Quant Time: Oct 03 01:47:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	226451	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1008698	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	605562	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1092534	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	791112	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	856940	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	24986	4.77	ng/uL	0.00
5) Phenol-d5	6.97	99	130122	6.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	295424	26.98	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	363067	22.53	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	243861	14.89	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	219818	28.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	242201	28.49	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	445976	26.35	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	389938	18.96	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1423855	30.30	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1580976	29.14	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.64	143	59162	6.37	ng/ul	0.00
58) Fluorene-d10	15.43	176	1168764	29.18	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	183756	25.85	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1722482	32.29	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1641025	38.54	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1471317	33.19	ng/ul	-0.02

Target Compounds

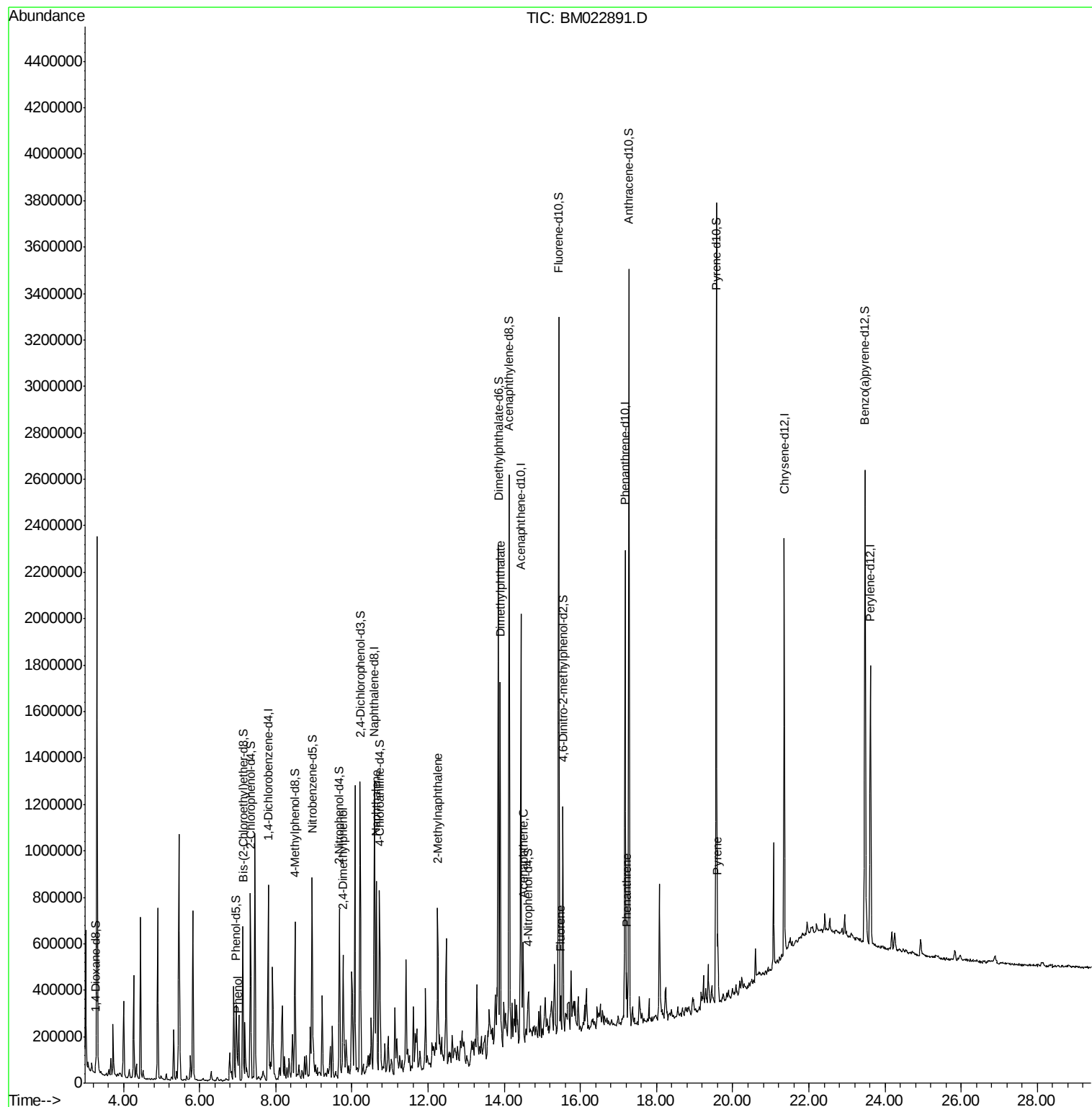
					Qvalue
6) Phenol	7.00	94	45551	2.172	ng/ul 99
24) 2,4-Dimethylphenol	9.77	107	208337	11.006	ng/ul 99
28) Naphthalene	10.64	128	636844	11.690	ng/ul 99
34) 2-Methylnaphthalene	12.25	142	321645	7.875	ng/ul 99
45) Dimethylphthalate	13.89	163	1001972	20.754	ng/ul 99
50) Acenaphthene	14.50	153	167980	4.116	ng/ul 99
59) Fluorene	15.48	166	55116	1.170	ng/ul# 98
70) Phenanthrene	17.22	178	113112	1.735	ng/ul 97
80) Pyrene	19.59	202	100274	1.788	ng/ul# 95

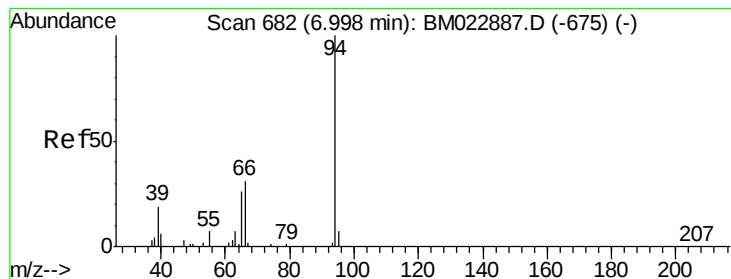
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.172 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022891.D

Acq: 02 Oct 2019 14:04

Instrument :

BNA_M

ClientSampleId :

BFDL4

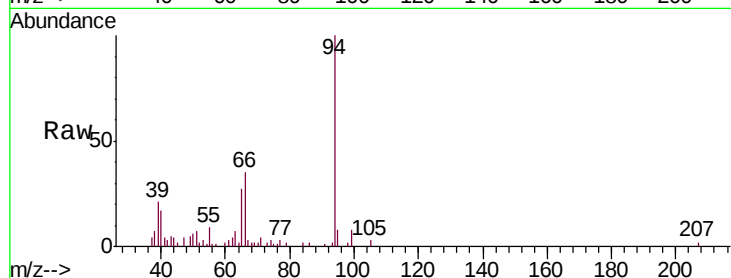
Tgt Ion: 94 Resp: 45551

Ion Ratio Lower Upper

94 100

65 26.5 20.9 31.3

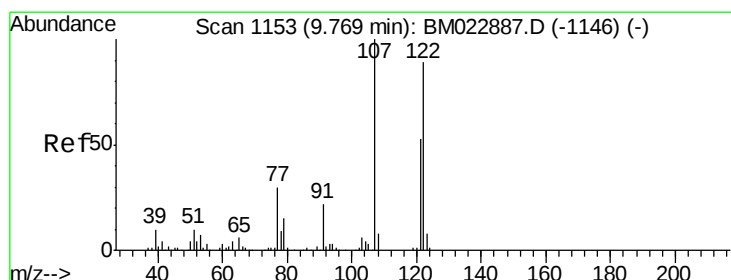
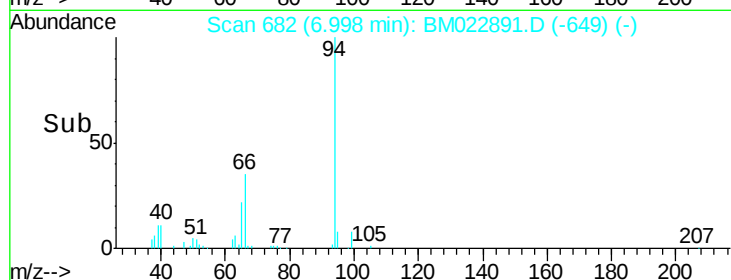
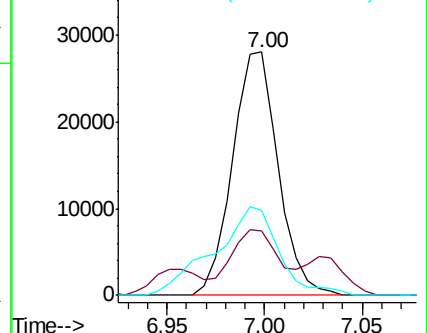
66 34.9 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022887.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM022887.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM022887.D (-675) (-)



#24

2,4-Dimethylphenol

Concen: 11.006 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022891.D

Acq: 02 Oct 2019 14:04

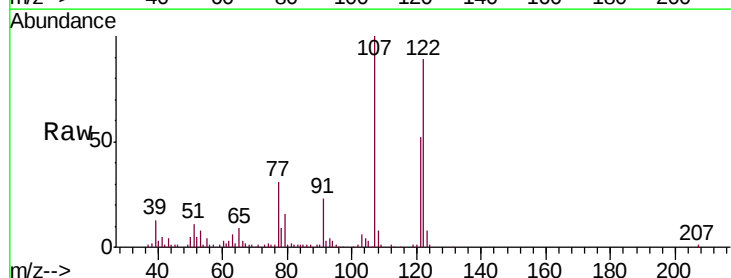
Tgt Ion: 107 Resp: 208337

Ion Ratio Lower Upper

107 100

121 52.4 43.0 64.4

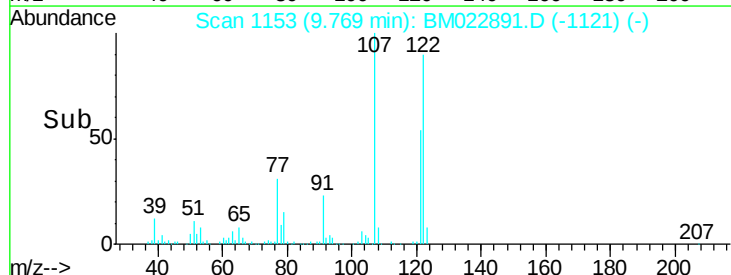
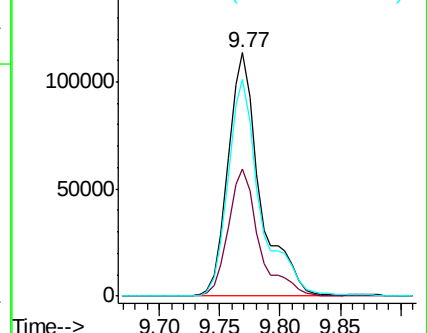
122 89.0 71.4 107.0

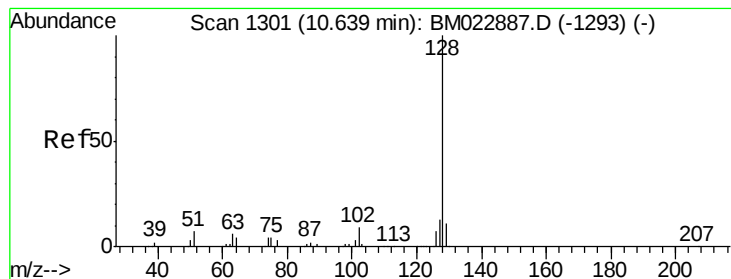


Abundance Ion 107.00 (106.70 to 107.70): BM022887.D (-1146) (-)

Ion 121.00 (120.70 to 121.70): BM022887.D (-1146) (-)

Ion 122.00 (121.70 to 122.70): BM022887.D (-1146) (-)





#28

Naphthalene

Concen: 11.690 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022891.D

Acq: 02 Oct 2019 14:04

Instrument :

BNA_M

ClientSampleId :

BFDL4

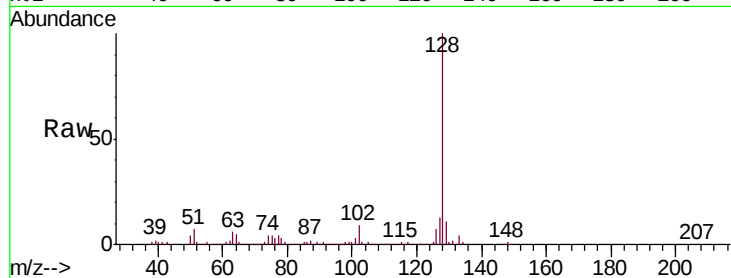
Tgt Ion:128 Resp: 636844

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

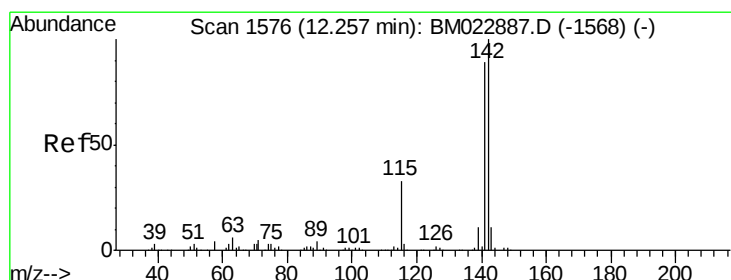
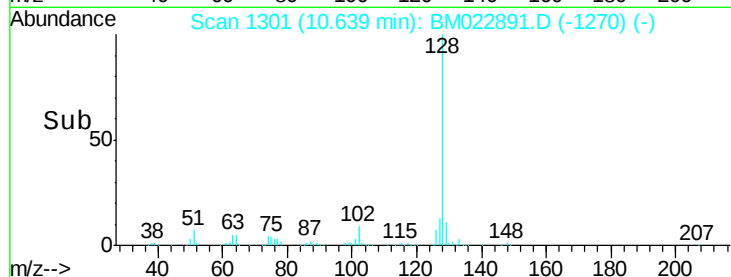
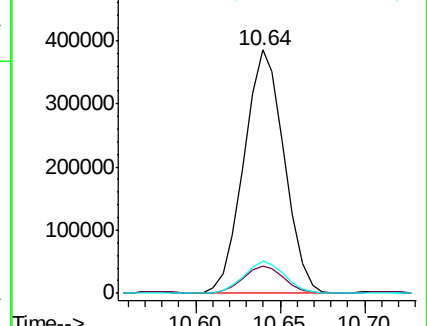
127 13.2 10.2 15.4



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



#34

2-Methylnaphthalene

Concen: 7.875 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BM022891.D

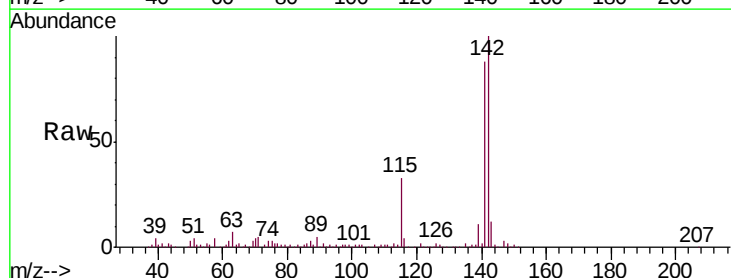
Acq: 02 Oct 2019 14:04

Tgt Ion:142 Resp: 321645

Ion Ratio Lower Upper

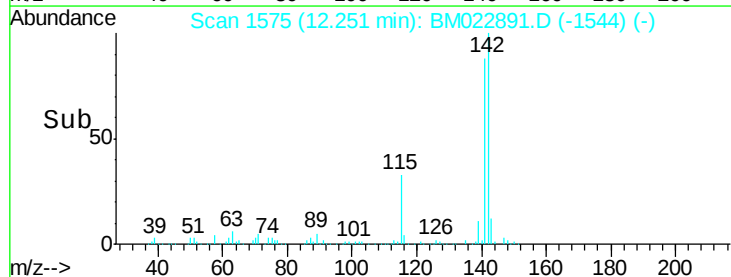
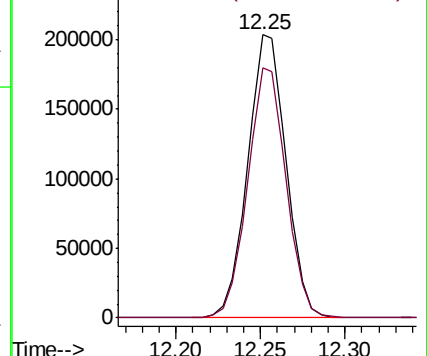
142 100

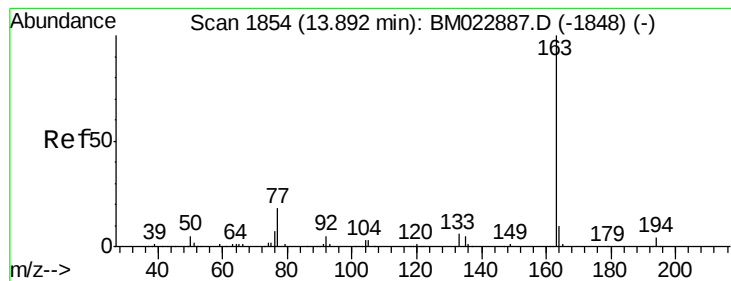
141 88.5 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#45

Dimethylphthalate

Concen: 20.754 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022891.D

Acq: 02 Oct 2019 14:04

Instrument :

BNA_M

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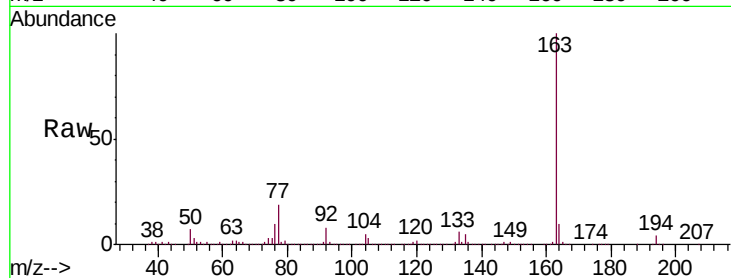
Tgt Ion:163 Resp: 1001972

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

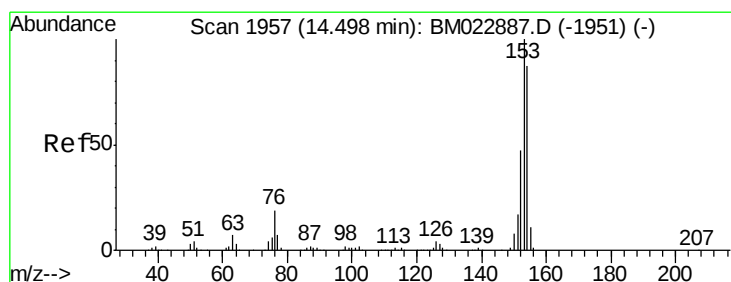
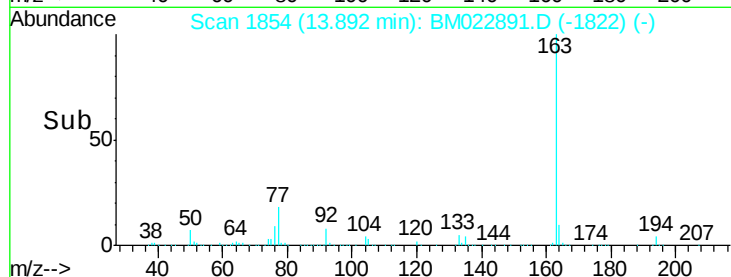
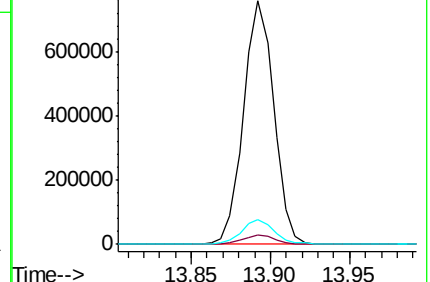
164 10.3 8.1 12.1



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: 4.116 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BM022891.D

Acq: 02 Oct 2019 14:04

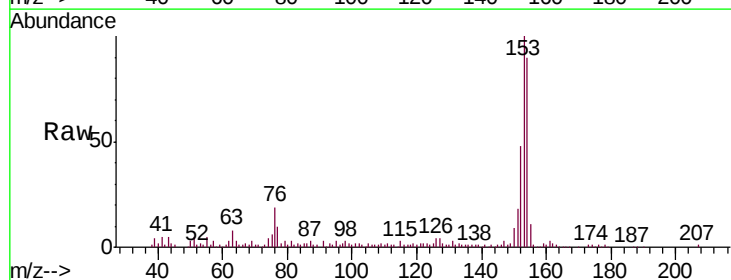
Tgt Ion:153 Resp: 167980

Ion Ratio Lower Upper

153 100

152 47.7 38.1 57.1

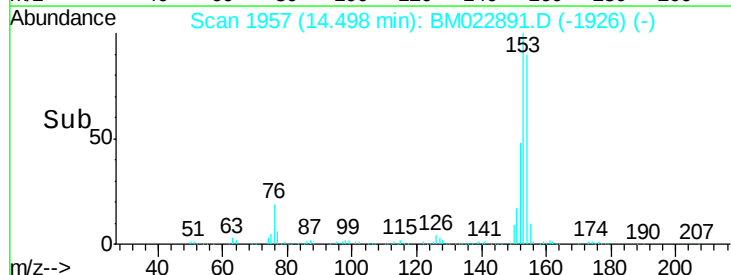
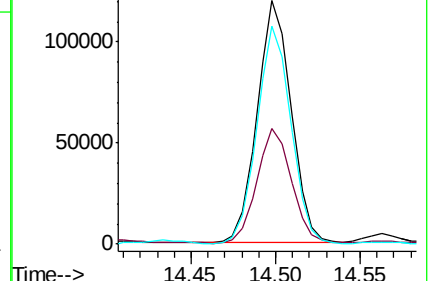
154 89.6 71.1 106.7

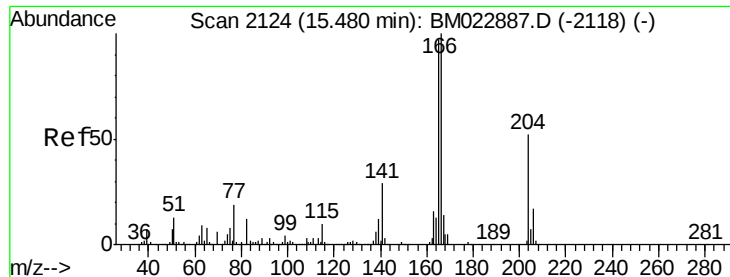


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 1.170 ng/ul

RT: 15.48 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BM022891.D

Acq: 02 Oct 2019 14:04

Instrument :

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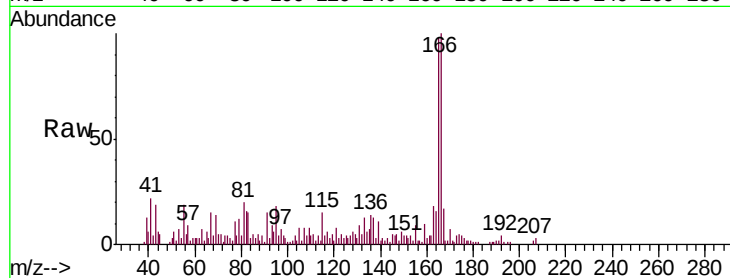
Tgt Ion:166 Resp: 55116

Ion Ratio Lower Upper

166 100

165 98.0 77.7 116.5

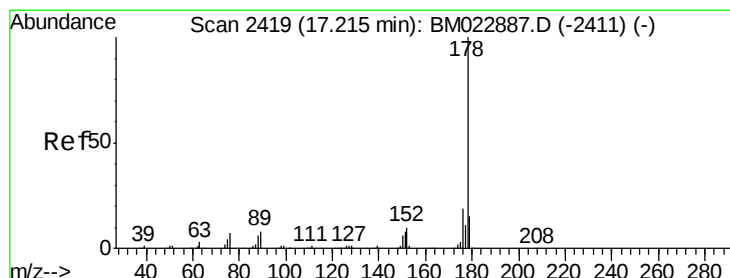
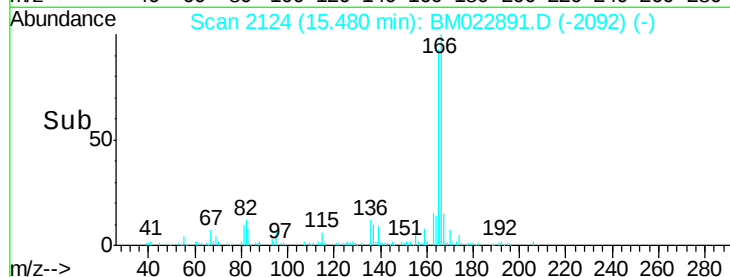
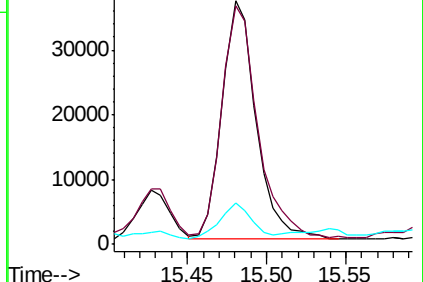
167 16.8 11.0 16.4#



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



#70

Phenanthrene

Concen: 1.735 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022891.D

Acq: 02 Oct 2019 14:04

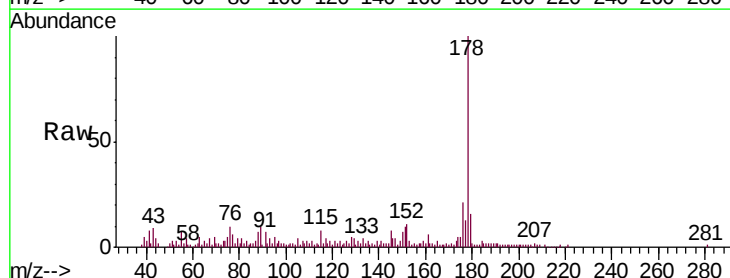
Tgt Ion:178 Resp: 113112

Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

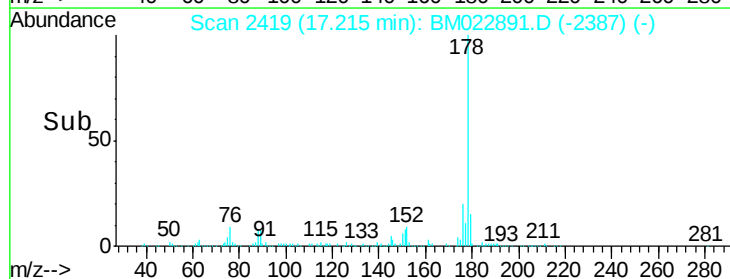
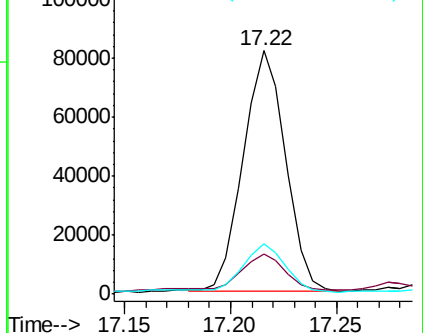
176 20.5 15.3 22.9

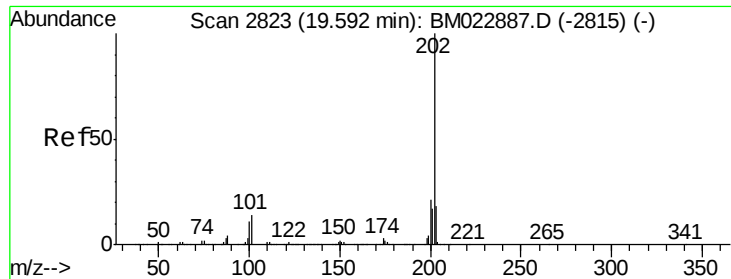


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

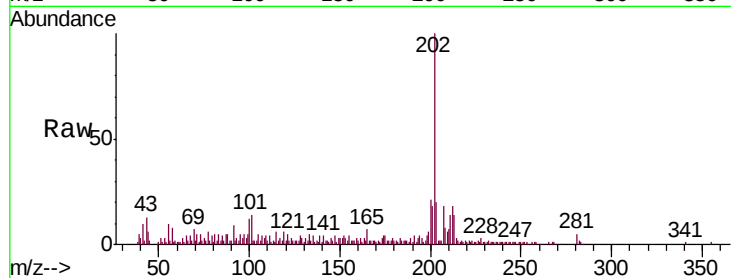




#80
 Pyrene
 Concen: 1.788 ng/ul
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM022891.D
 Acq: 02 Oct 2019 14:04

Instrument :
 BNA_M
 ClientSampleId :
 BFDL4

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	13.9	9.7	14.5	
100	11.8	7.8	11.8	



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

