

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022944.D
 Acq On : 04 Oct 2019 06:02
 Operator : JU
 Sample : K4988-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 06:44:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 04:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	244533	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1041667	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	630807	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	1270107	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	1023051	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	1014751	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	18053	3.19	ng/uL	0.00
5) Phenol-d5	6.96	99	341520	15.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	195034	16.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	284875	16.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	228016	12.89	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	141167	17.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	149177	16.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	279346	15.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	376003	17.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	879957	17.97	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1045000	18.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	107887	11.15	ng/ul	0.00
58) Fluorene-d10	15.42	176	766119	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	79591	9.63	ng/ul	0.00
71) Anthracene-d10	17.27	188	1137581	18.34	ng/ul	0.00
79) Pyrene-d10	19.56	212	1368969	24.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	1080779	20.59	ng/ul	0.00

Target Compounds

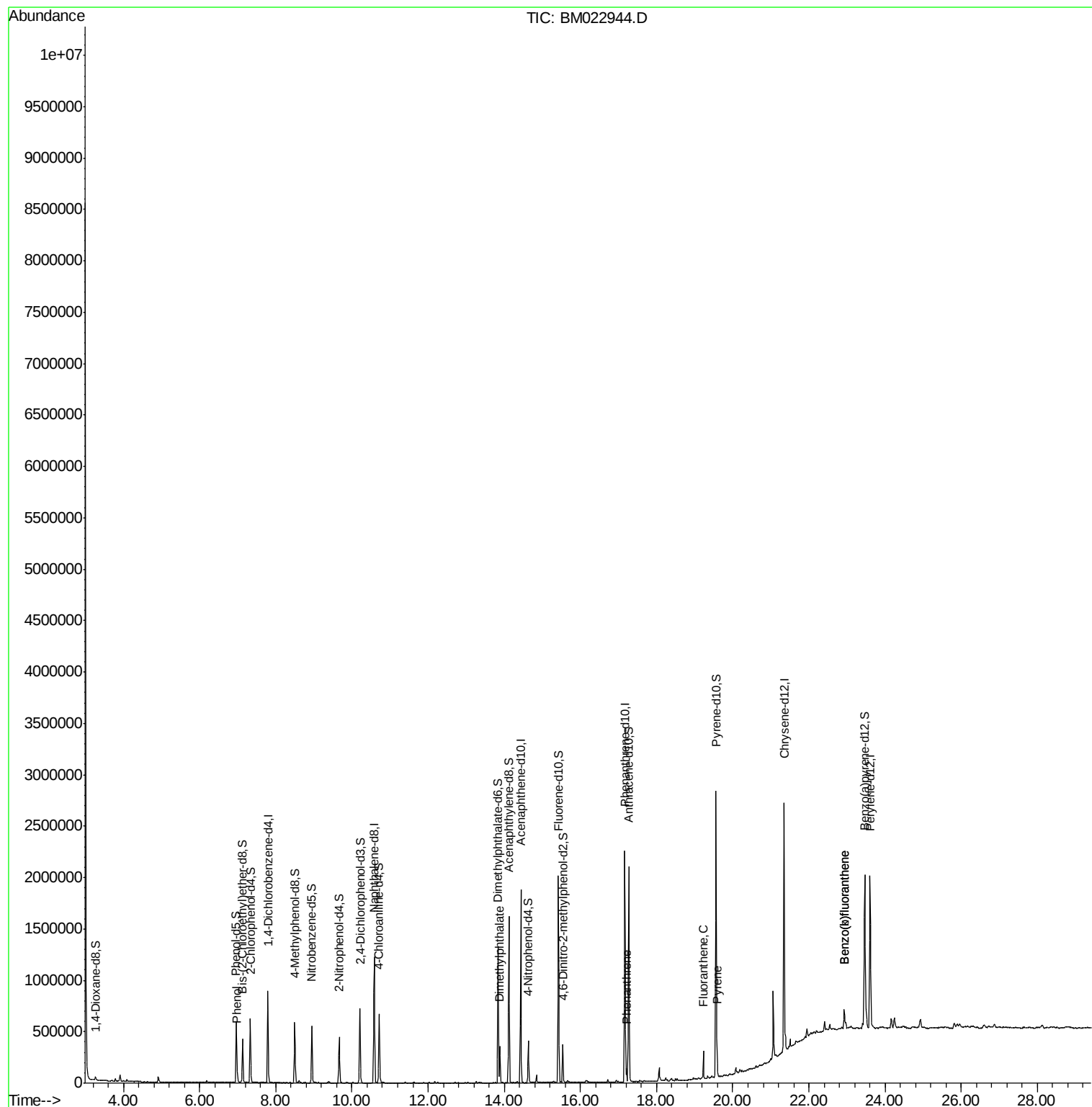
					Ovalue
6) Phenol	6.99	94	54149	2.391 ng/ul	98
45) Dimethylphthalate	13.89	163	224114	4.456 ng/ul	99
70) Phenanthrene	17.21	178	76116	1.004 ng/ul	100
77) Fluoranthene	19.23	202	153704	1.803 ng/ul	100
80) Pyrene	19.59	202	135134	1.863 ng/ul	99
88) Benzo(b)fluoranthene	22.93	252	72189	1.072 ng/ul#	93
89) Benzo(k)fluoranthene	22.93	252	72189	1.120 ng/ul#	92

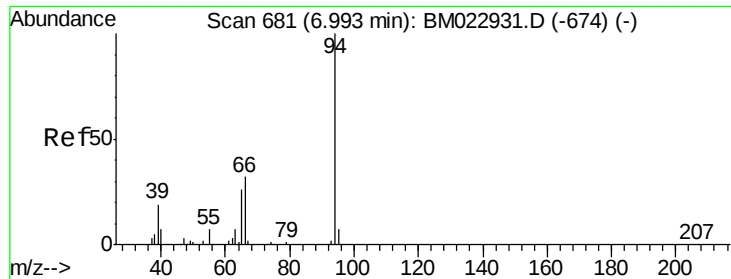
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.391 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022944.D

Acq: 04 Oct 2019 06:02

Instrument :

BNA_M

ClientSampleId :

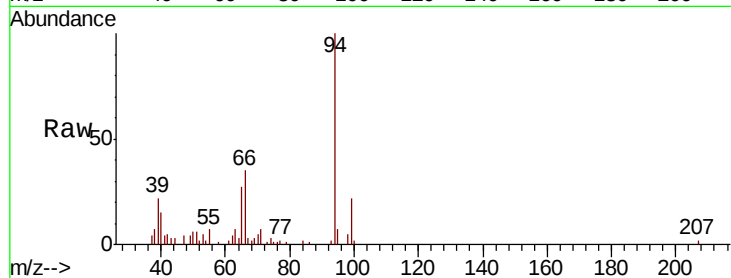
Tot Ion: 94 Resp: 54149

Ion Ratio Lower Upper

94 100

65 27.1 20.9 31.3

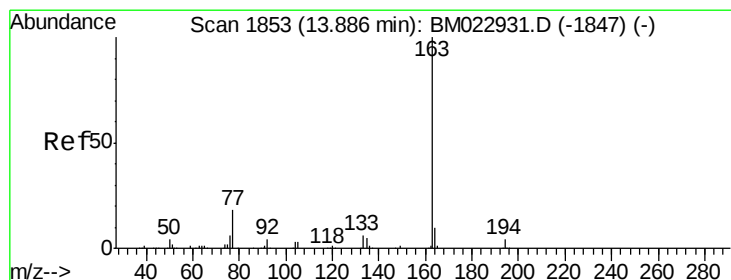
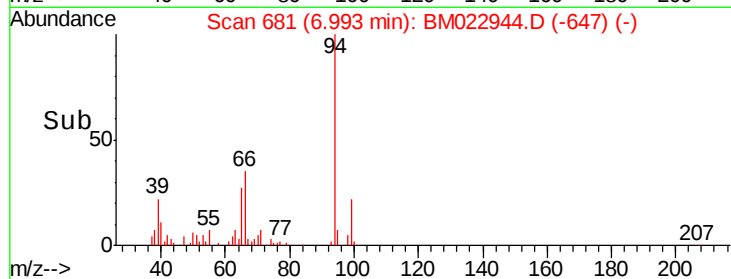
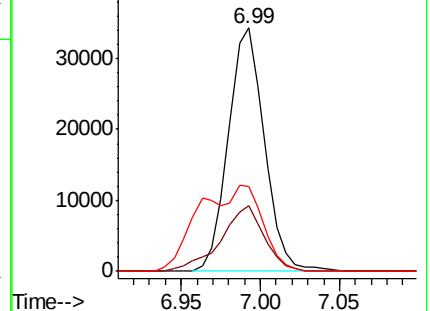
66 35.1 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022931.D (-674) (-)

Ion 65.00 (64.70 to 65.70): BM022931.D (-674) (-)

Ion 66.00 (65.70 to 66.70): BM022931.D (-674) (-)



#45

Dimethylphthalate

Concen: 4.456 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM022944.D

Acq: 04 Oct 2019 06:02

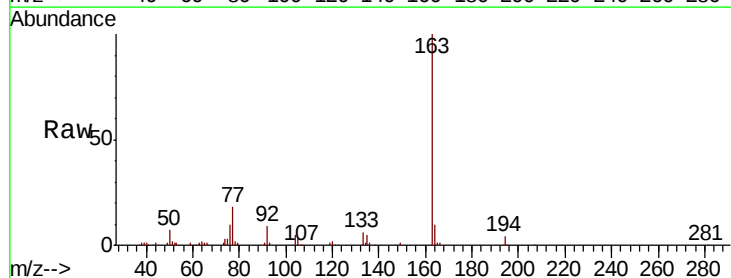
Tgt Ion: 163 Resp: 224114

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

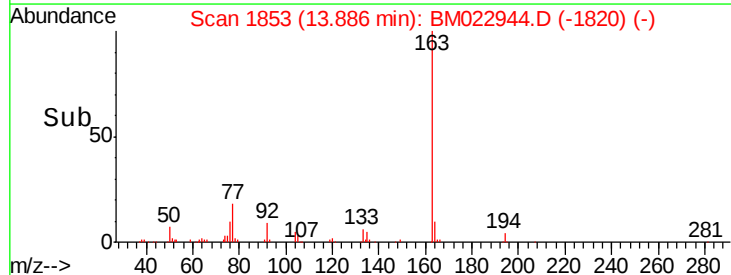
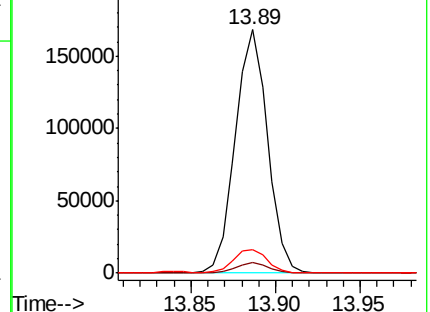
164 9.7 8.1 12.1

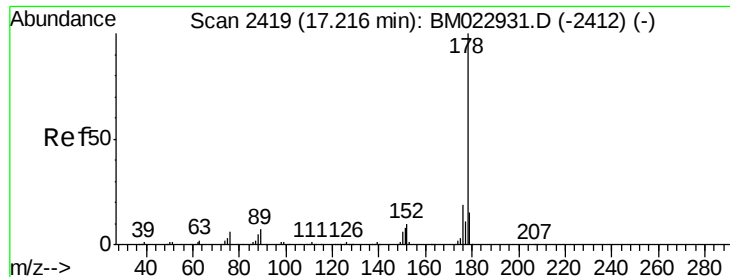


Abundance Ion 163.00 (162.70 to 163.70): BM022931.D (-1847) (-)

Ion 194.00 (193.70 to 194.70): BM022931.D (-1847) (-)

Ion 164.00 (163.70 to 164.70): BM022931.D (-1847) (-)

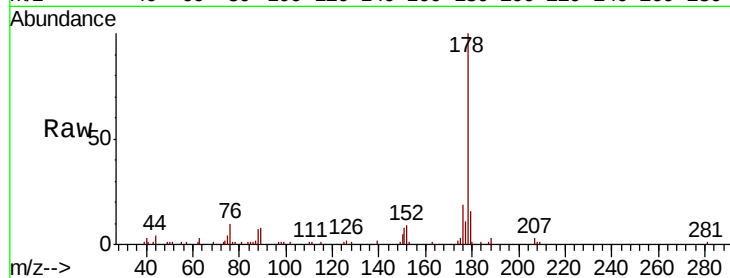




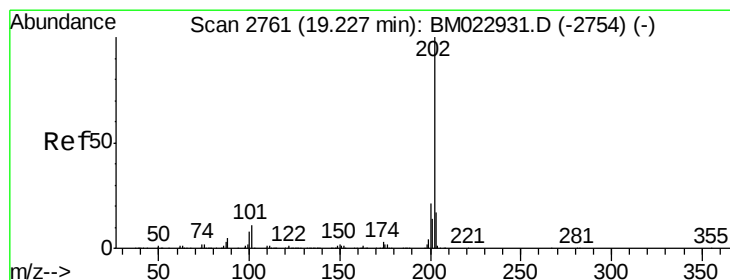
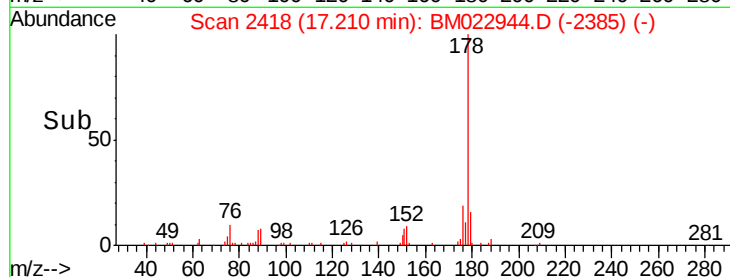
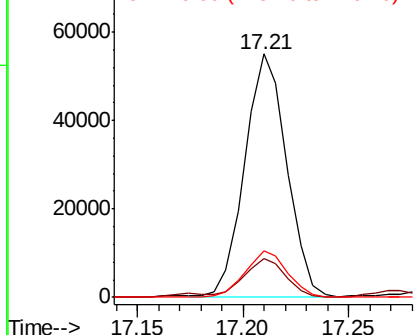
#70
Phenanthrene
Concen: 1.004 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022944.D
Acq: 04 Oct 2019 06:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 76116
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.1 15.3 22.9

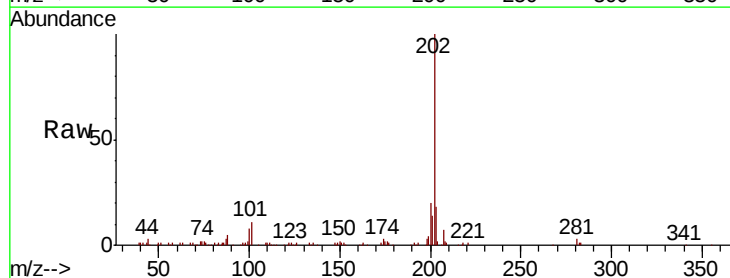


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

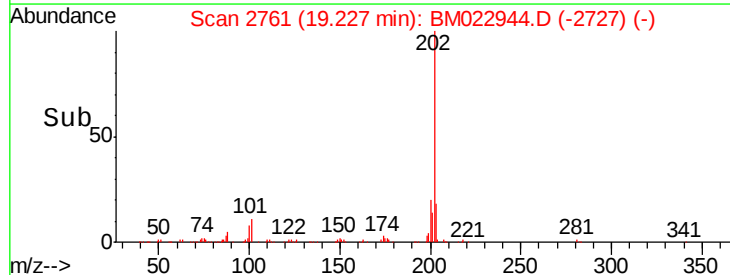
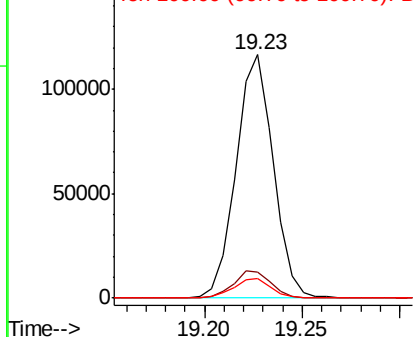


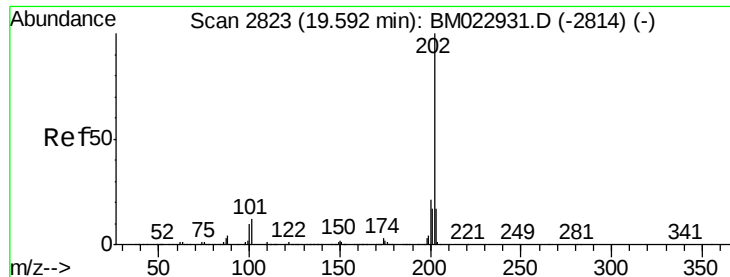
#77
Fluoranthene
Concen: 1.803 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. -0.00 min
Lab File: BM022944.D
Acq: 04 Oct 2019 06:02

Tgt Ion:202 Resp: 153704
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 8.0 6.4 9.6



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): E

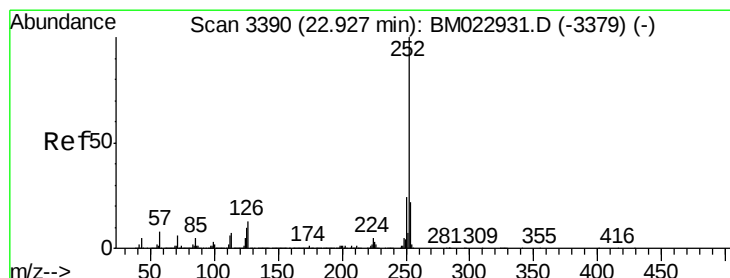
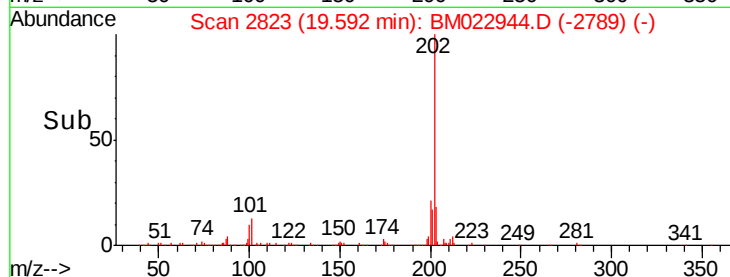
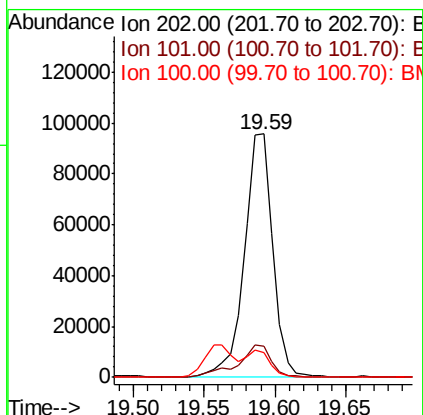
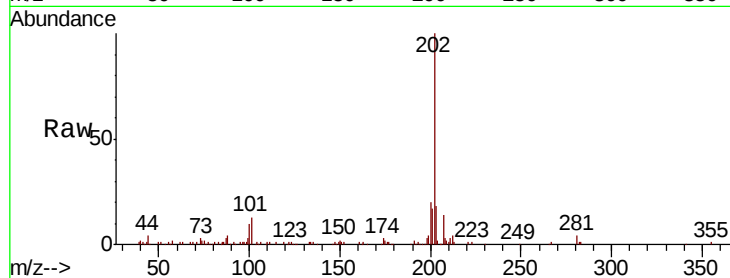




#80
Pvrene
Concen: 1.863 ng/ul
RT: 19.59 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM022944.D
Acq: 04 Oct 2019 06:02

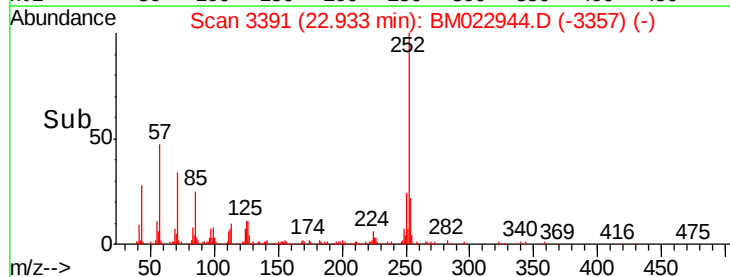
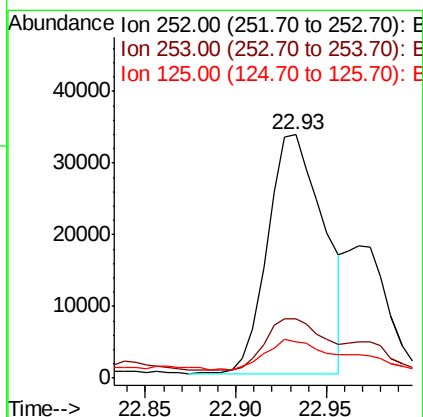
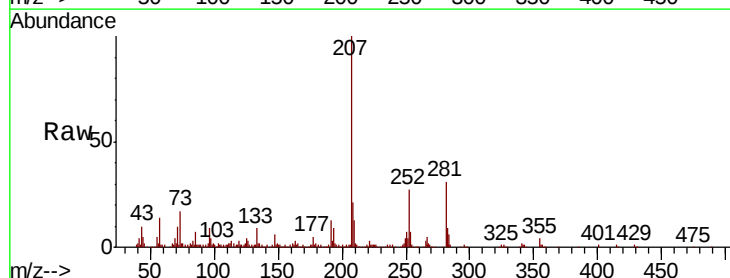
Instrument :
BNA_M
ClientSampleId :

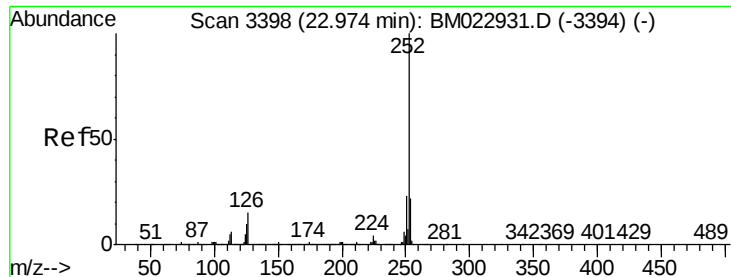
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	10.3	7.8	11.8



#88
Benzo(b)fluoranthene
Concen: 1.072 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.00 min
Lab File: BM022944.D
Acq: 04 Oct 2019 06:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	14.7	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 1.120 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. -0.05 min

Lab File: BM022944.D

Acq: 04 Oct 2019 06:02

Instrument :

BNA_M

ClientSampleId :

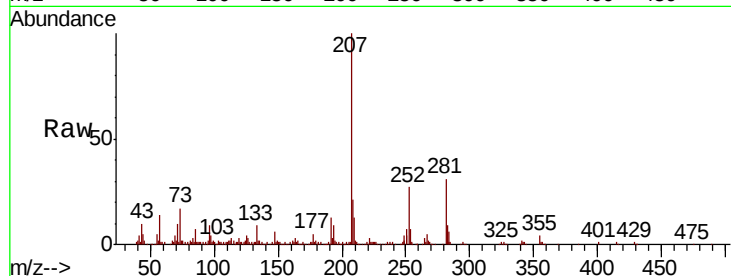
Tot Ion:252 Resp: 72189

Ion Ratio Lower Upper

252 100

253 24.5 17.5 26.3

125 14.7 7.9 11.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

