

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024892.D
 Acq On : 14 Feb 2020 14:45
 Operator : CG/JU
 Sample : L1422-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AY1

Quant Time: Feb 14 15:42:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 14 07:45:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	373136	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1344867	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	811359	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1687562	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1709174	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	1822255	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	29131	3.75	ng/uL	0.00
5) Phenol-d5	6.59	99	446870	18.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	304159	21.73	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	408935	18.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	237121	11.34	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	194386	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	222007	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	381503	16.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	387092	17.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1172301	19.14	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1411120	19.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	122212	12.28	ng/ul	0.00
58) Fluorene-d10	15.04	176	1020089	18.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	159727	14.52	ng/ul	0.00
71) Anthracene-d10	16.89	188	1474903	19.15	ng/ul	0.00
79) Pyrene-d10	19.20	212	1792819	20.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1938664	21.18	ng/ul	0.00

Target Compounds

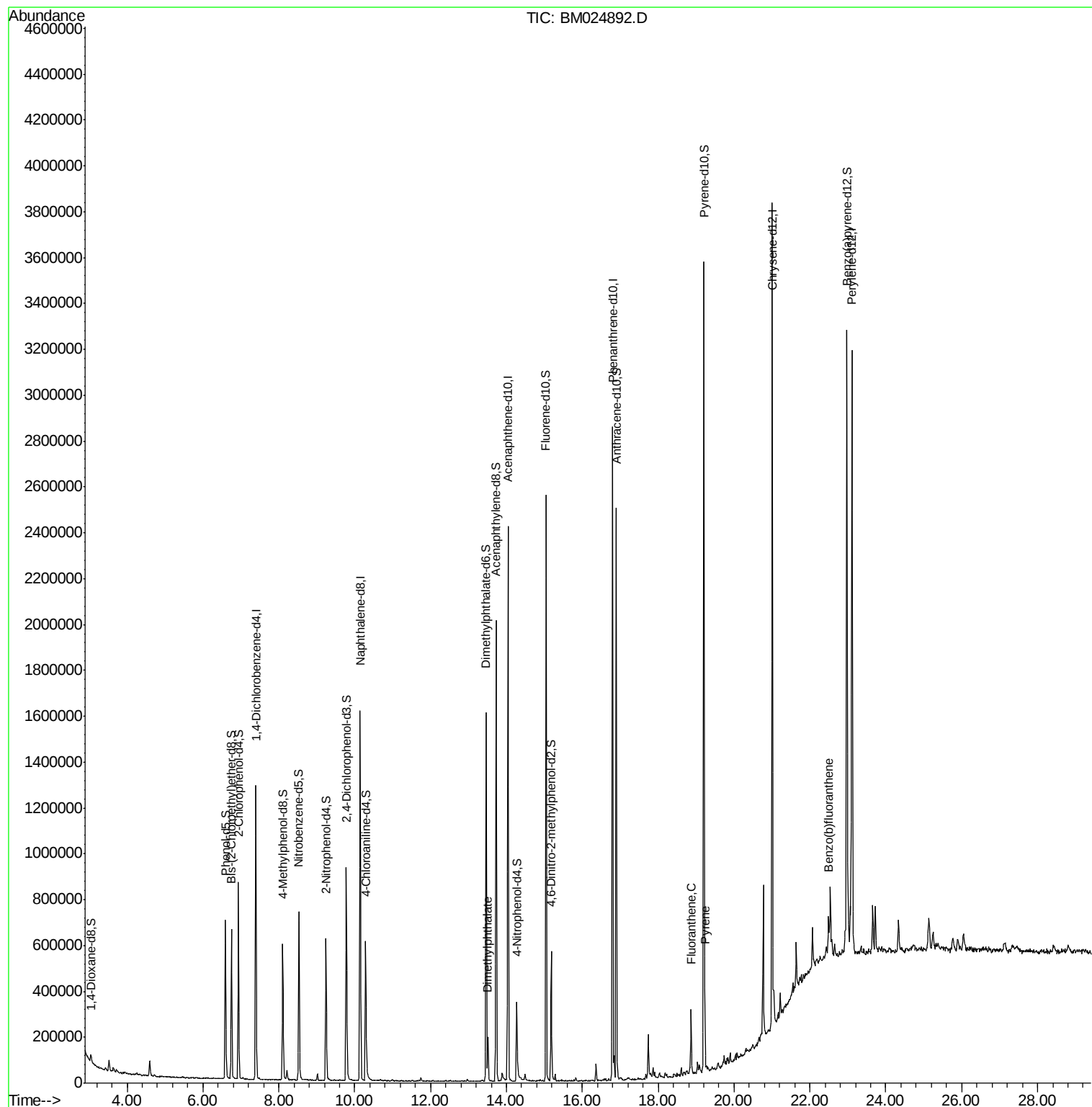
					Ovalue
45) Dimethylphthalate	13.52	163	130595	2.044 ng/ul	97
77) Fluoranthene	18.87	202	175890	1.557 ng/ul#	96
80) Pyrene	19.23	202	184565	1.631 ng/ul	97
88) Benzo(b)fluoranthene	22.50	252	136036	1.174 ng/ul#	98

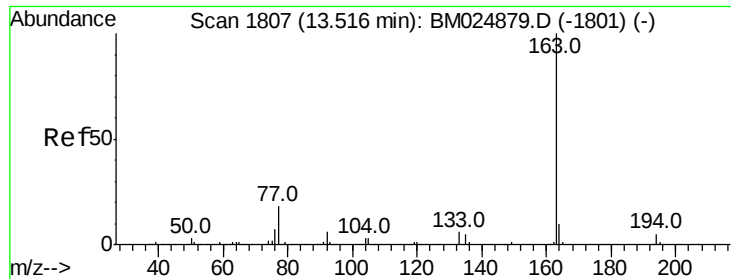
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.044 ng/ul

RT: 13.52 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BM024892.D

Acq: 14 Feb 2020 14:45

Instrument :

BNA_M

ClientSampleId :

C5AY1

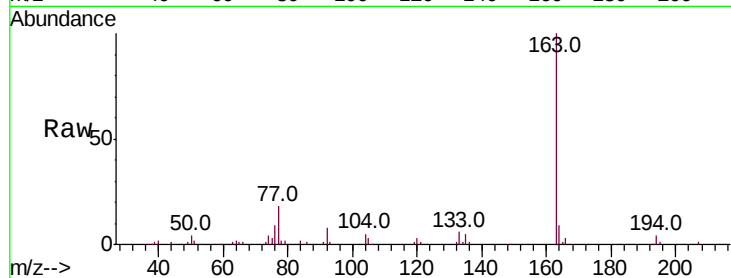
Tot Ion:163 Resp: 130595

Ion Ratio Lower Upper

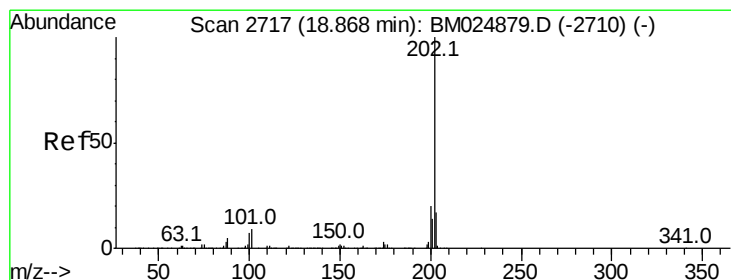
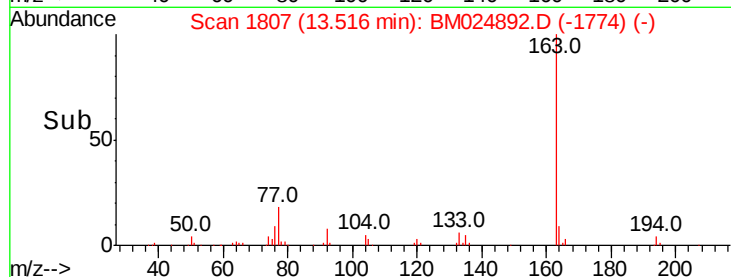
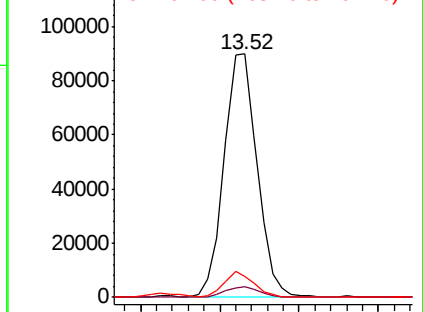
163 100

194 4.3 3.5 5.3

164 8.6 8.2 12.2



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



#77

Fluoranthene

Concen: 1.557 ng/ul

RT: 18.87 min Scan# 2717

Delta R.T. 0.00 min

Lab File: BM024892.D

Acq: 14 Feb 2020 14:45

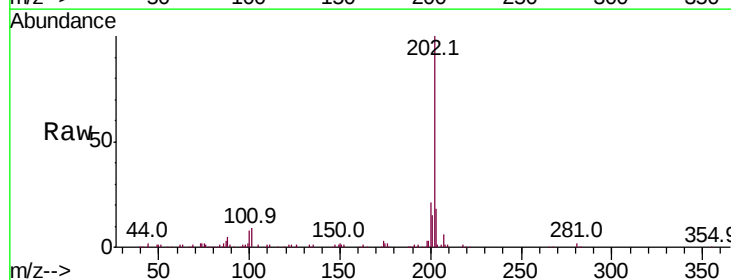
Tgt Ion:202 Resp: 175890

Ion Ratio Lower Upper

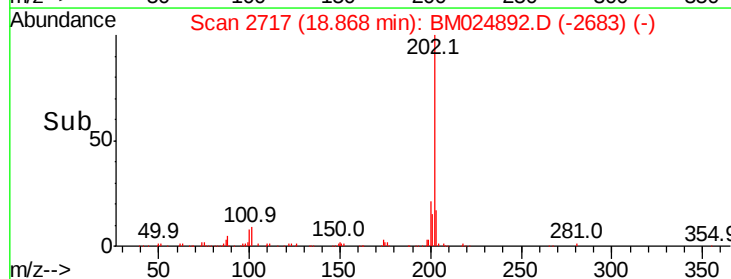
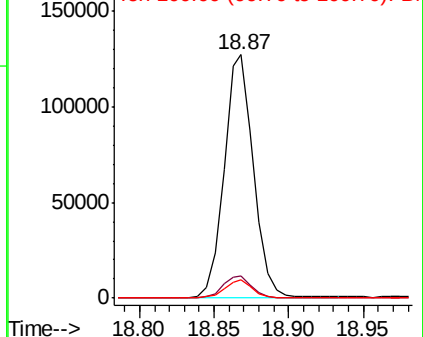
202 100

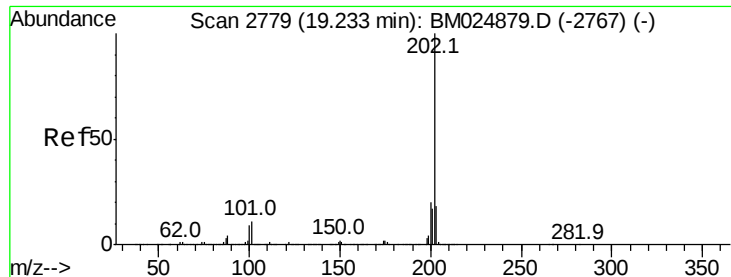
101 9.0 6.1 9.1

100 7.6 4.8 7.2#



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

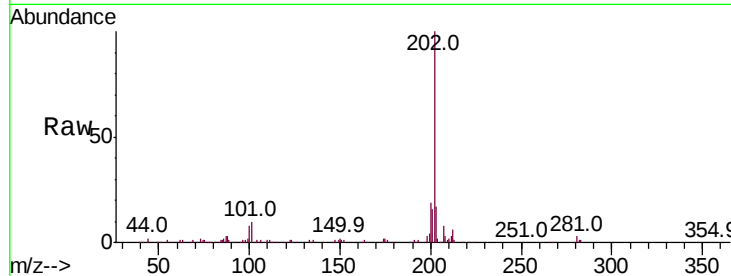




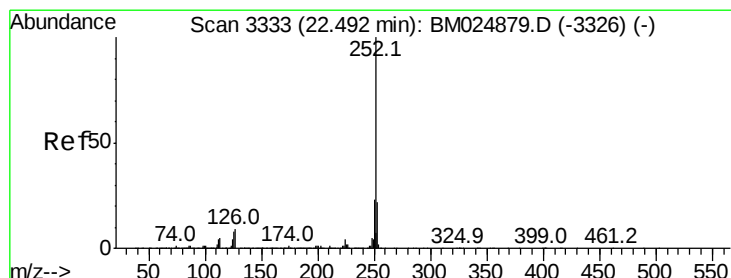
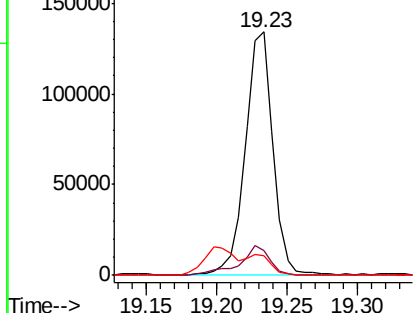
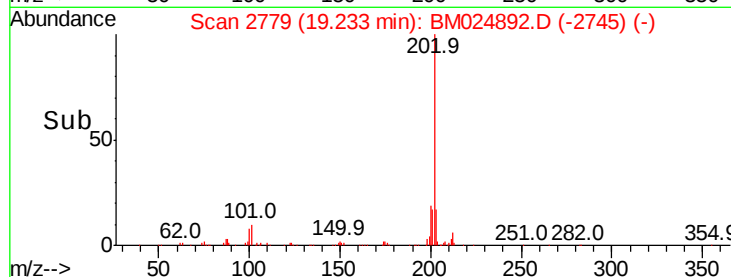
#80
Pvrene
Concen: 1.631 ng/ul
RT: 19.23 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BM024892.D
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Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.0	10.4
100	8.2	5.8	8.8

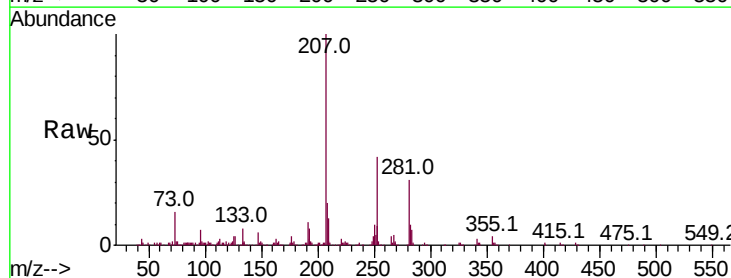


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#88
Benzo(b)fluoranthene
Concen: 1.174 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BM024892.D
Acq: 14 Feb 2020 14:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	9.0	5.1	7.7#



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

