

Data File : BM024895.D
Acq On : 14 Feb 2020 16:33
Operator : CG/JU
Sample : L1422-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5B22

Quant Time: Feb 15 03:54:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 03:52:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	397034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1477310	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	938592	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1968754	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	2001267	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2131326	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	32417	3.93	ng/uL	0.00
5) Phenol-d5	6.59	99	546318	20.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	338987	22.76	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	470040	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	409538	18.40	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	223570	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	255571	20.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	454870	17.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	516222	21.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1316808	18.59	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1599442	19.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	160861	13.97	ng/ul	0.00
58) Fluorene-d10	15.04	176	1152129	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	173917	13.55	ng/ul	0.00
71) Anthracene-d10	16.89	188	1638313	18.23	ng/ul	0.00
79) Pyrene-d10	19.20	212	1922776	19.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2086416	19.49	ng/ul	0.00

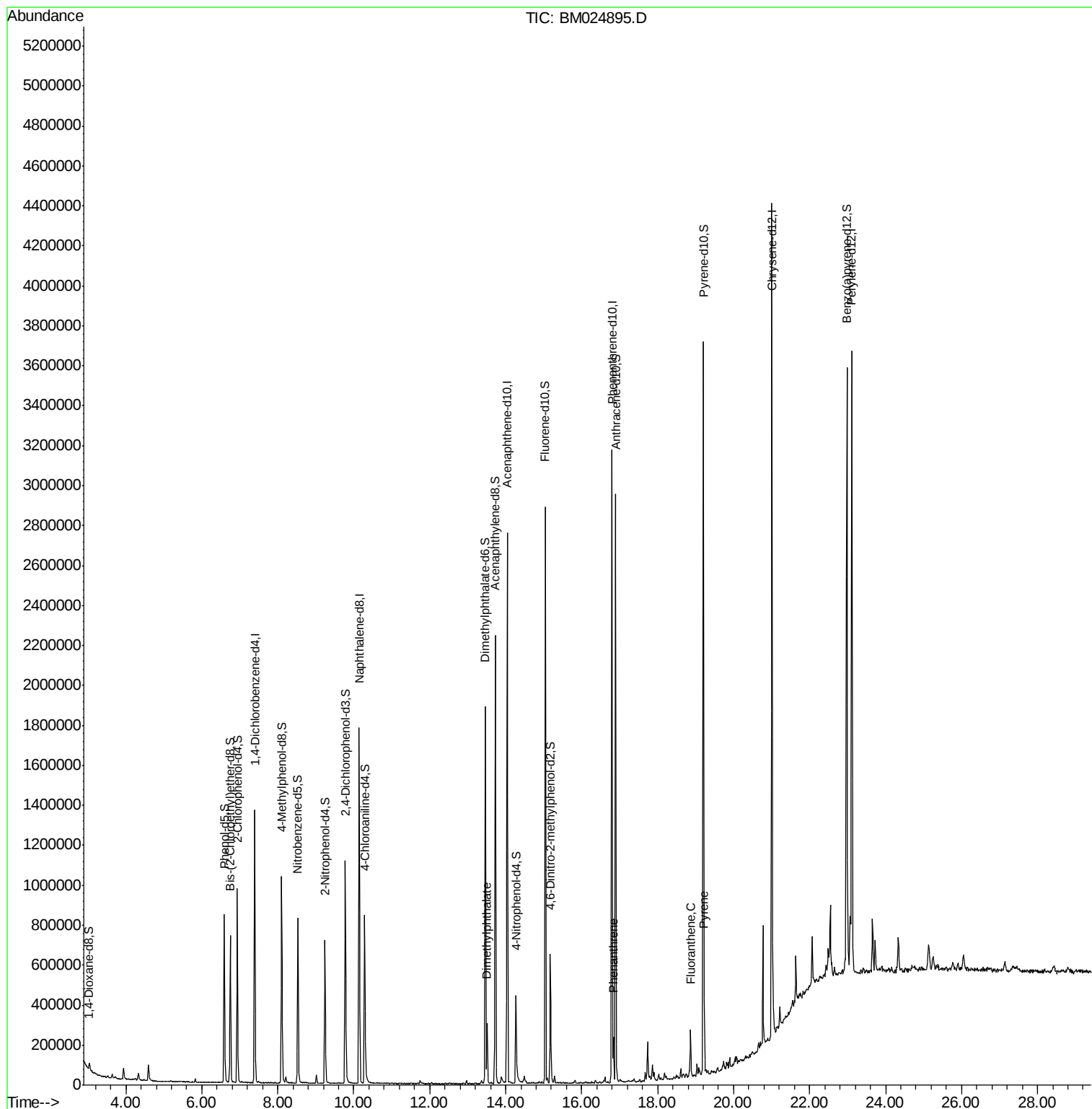
Target Compounds					Qvalue
45) Dimethylphthalate	13.51	163	201088	2.721 ng/ul	99
70) Phenanthrene	16.84	178	126816	1.181 ng/ul	97
77) Fluoranthene	18.87	202	151864	1.152 ng/ul	98
80) Pyrene	19.23	202	189441	1.430 ng/ul#	95

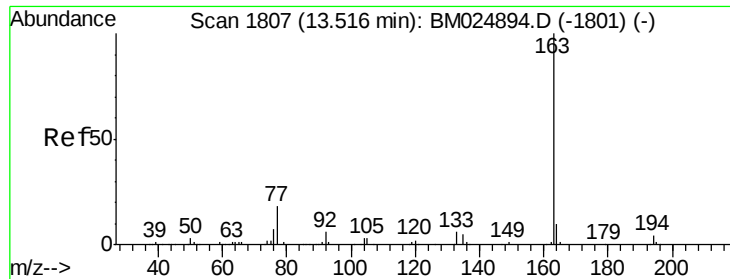
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.721 ng/ul

RT: 13.51 min Scan# 1806

Delta R.T. -0.01 min

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ClientSampleId :

C5B22

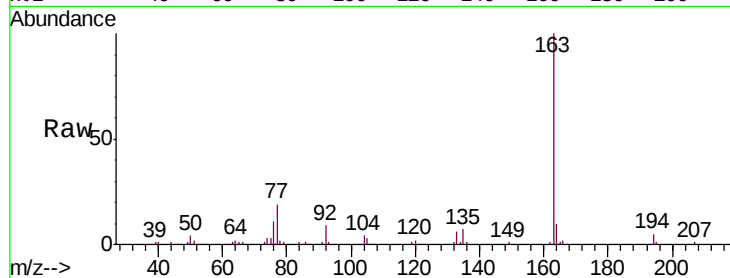
Tgt Ion:163 Resp: 201088

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

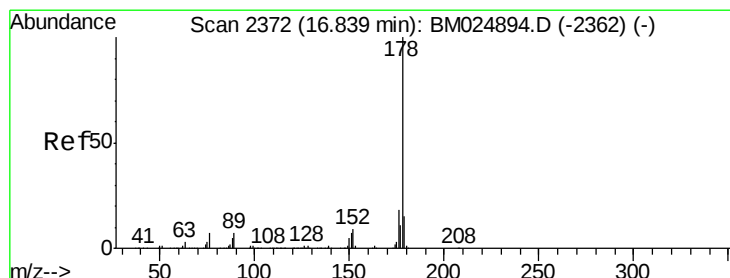
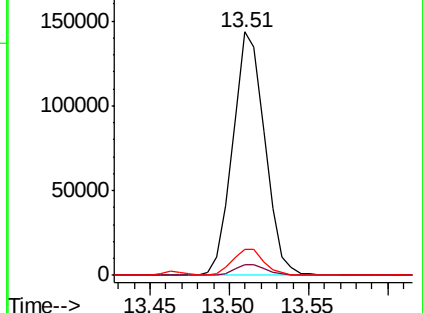
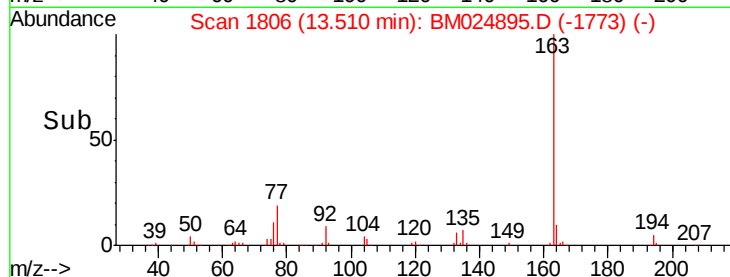
164 10.4 8.2 12.2



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



#70

Phenanthrene

Concen: 1.181 ng/ul

RT: 16.84 min Scan# 2372

Delta R.T. -0.00 min

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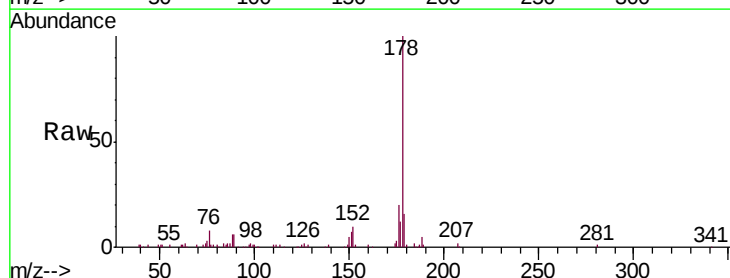
Tgt Ion:178 Resp: 126816

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

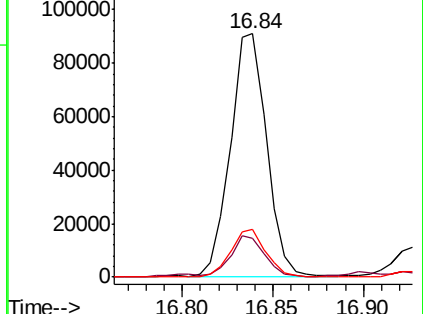
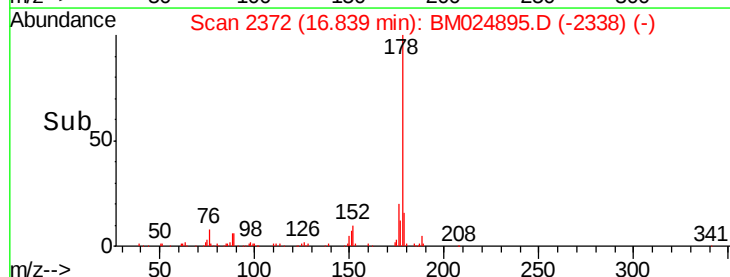
176 19.8 14.5 21.7

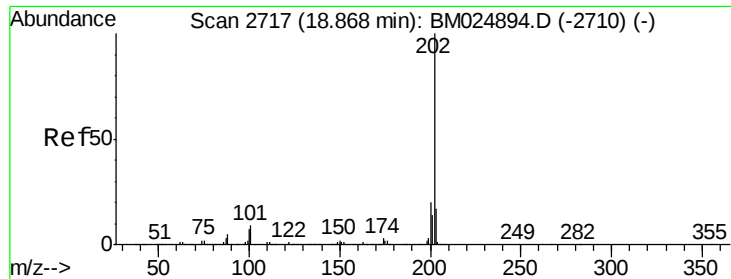


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

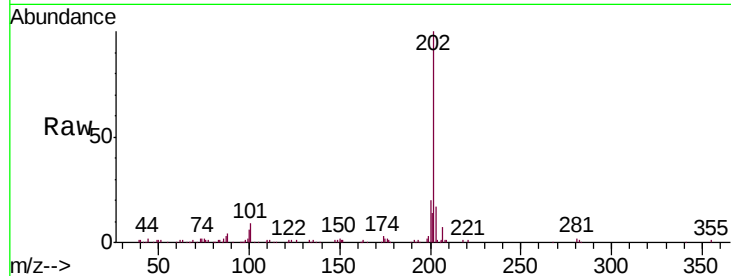




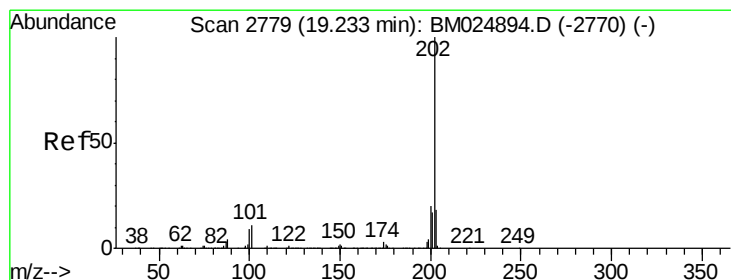
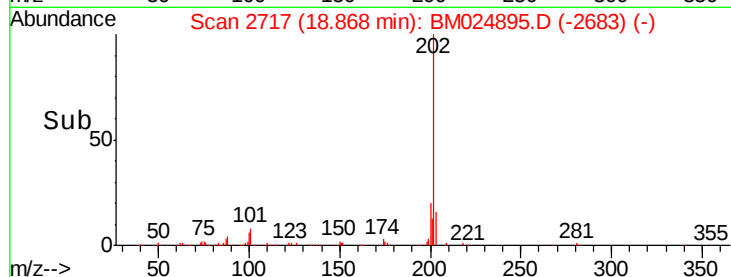
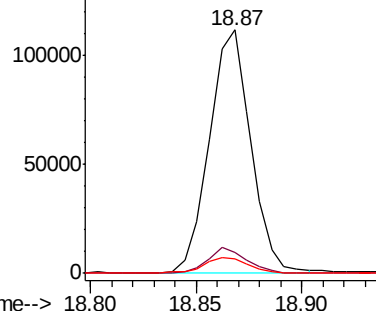
#77
 Fluoranthene
 Concen: 1.152 ng/ul
 RT: 18.87 min Scan# 2717
 Delta R.T. -0.00 min
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Tgt Ion:	202	Resp:	151864
Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.1	9.1
100	6.1	4.8	7.2

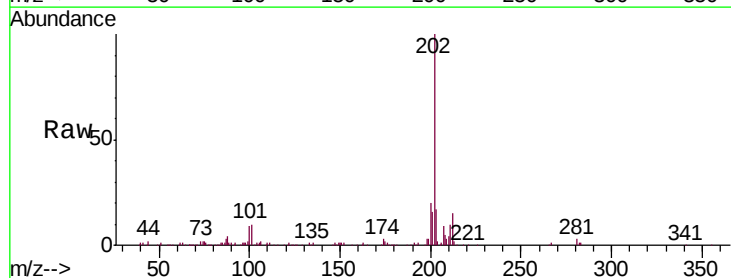


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



#80
 Pyrene
 Concen: 1.430 ng/ul
 RT: 19.23 min Scan# 2778
 Delta R.T. -0.01 min
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Tgt Ion:	202	Resp:	189441
Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.0	10.4
100	8.9	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

