

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024889.D
 Acq On : 14 Feb 2020 12:56
 Operator : CG/JU
 Sample : L1422-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AX4

Quant Time: Feb 14 14:28:22 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	373619	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1354522	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	816225	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1701752	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1689607	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1814476	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	26014	3.35	ng/uL	0.00
5) Phenol-d5	6.59	99	465851	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	297497	21.22	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	407062	18.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	314910	15.04	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	191555	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	214080	18.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	385841	16.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	325292	14.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1087270	17.65	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1354289	18.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	115470	11.53	ng/ul	0.00
58) Fluorene-d10	15.05	176	979396	17.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	138079	12.45	ng/ul	0.00
71) Anthracene-d10	16.89	188	1365018	17.57	ng/ul	0.00
79) Pyrene-d10	19.20	212	1587509	18.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1718571	18.86	ng/ul	0.00

Target Compounds

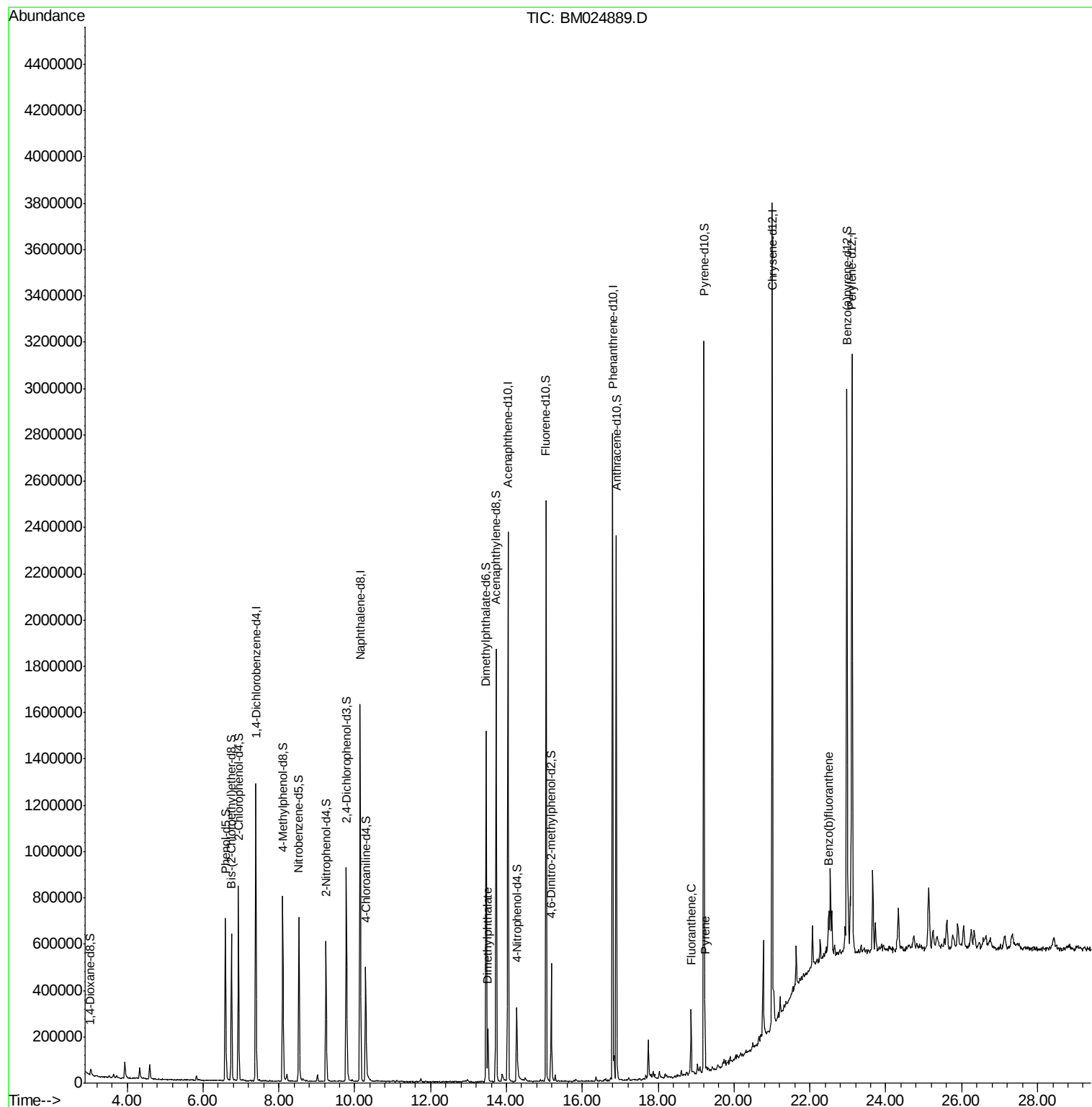
					Ovalue
45) Dimethylphthalate	13.51	163	146953	2.286 ng/ul	99
77) Fluoranthene	18.87	202	173110	1.520 ng/ul#	95
80) Pyrene	19.23	202	166941	1.493 ng/ul	97
88) Benzo(b)fluoranthene	22.50	252	150048	1.300 ng/ul#	95

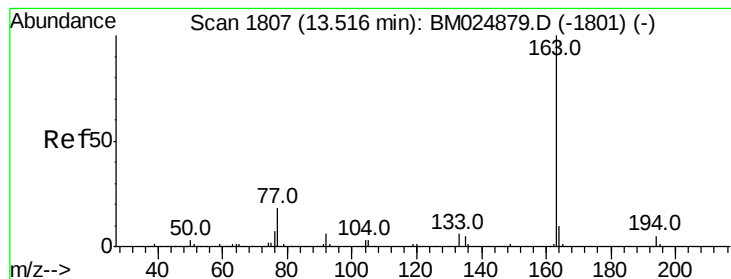
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.286 ng/ul

RT: 13.51 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BM024889.D

Acq: 14 Feb 2020 12:56

Instrument :

BNA_M

ClientSampleId :

C5AX4

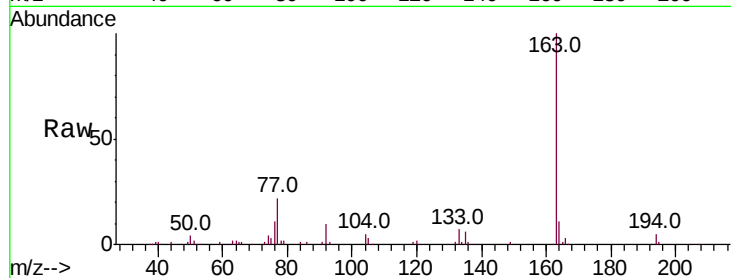
Tot Ion:163 Resp: 146953

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

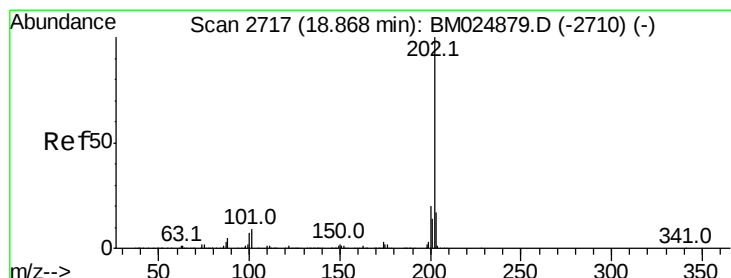
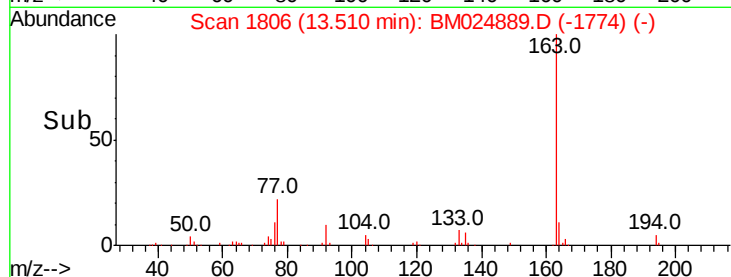
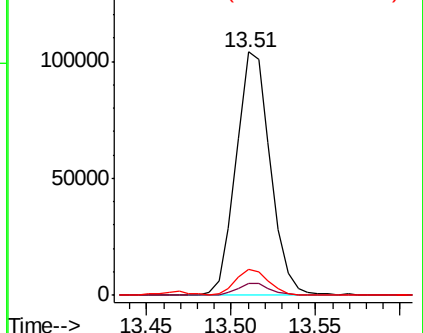
164 10.7 8.2 12.2



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: 1.520 ng/ul

RT: 18.87 min Scan# 2717

Delta R.T. 0.00 min

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Acq: 14 Feb 2020 12:56

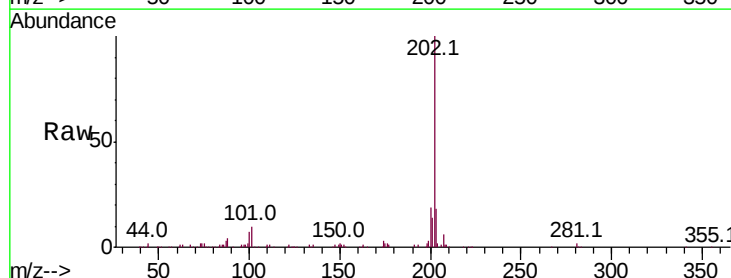
Tgt Ion:202 Resp: 173110

Ion Ratio Lower Upper

202 100

101 9.7 6.1 9.1#

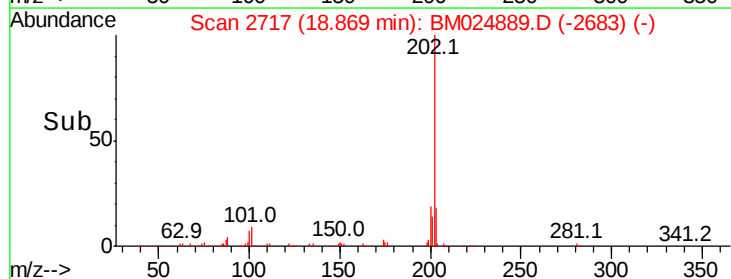
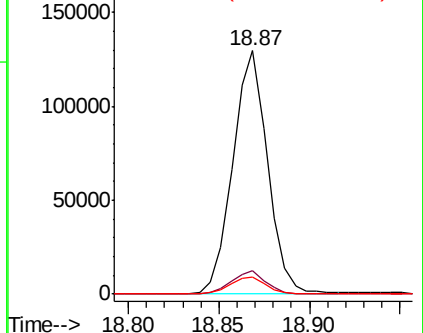
100 7.1 4.8 7.2

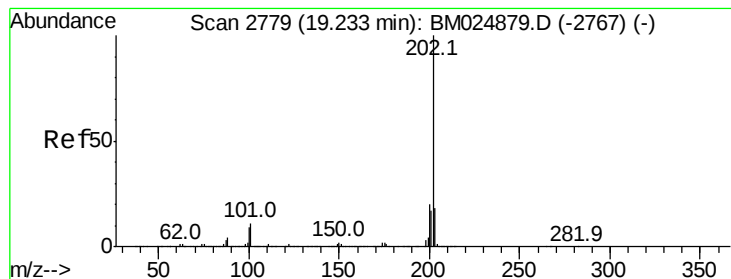


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 1.493 ng/ul

RT: 19.23 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BM024889.D

Acq: 14 Feb 2020 12:56

Instrument :

BNA_M

ClientSampleId :

C5AX4

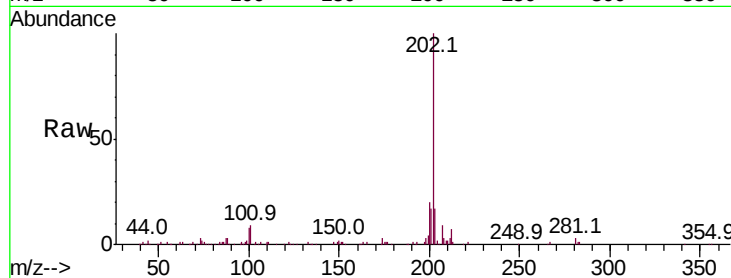
Tot Ion:202 Resp: 166941

Ion Ratio Lower Upper

202 100

101 9.5 7.0 10.4

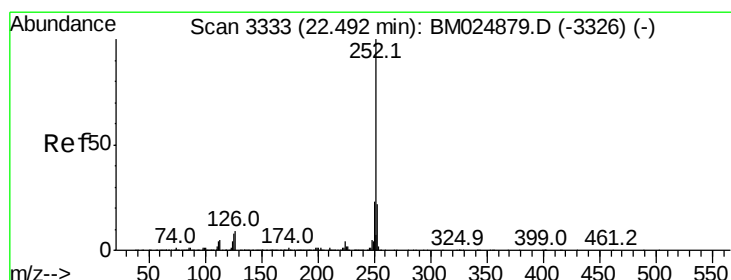
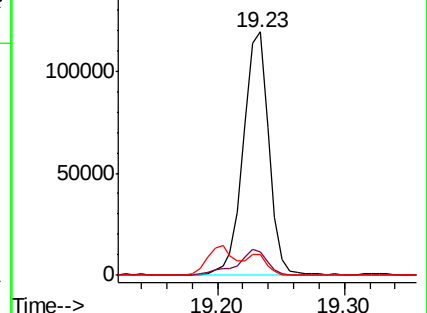
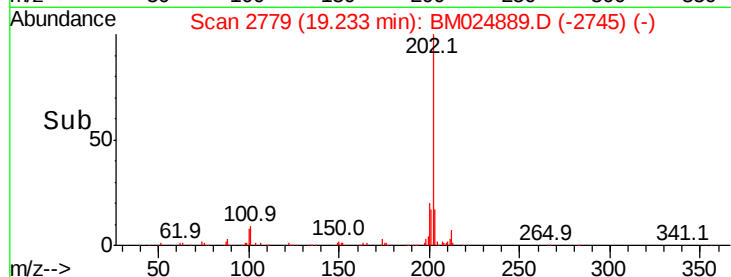
100 8.4 5.8 8.8



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): E



#88

Benzo(b)fluoranthene

Concen: 1.300 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BM024889.D

Acq: 14 Feb 2020 12:56

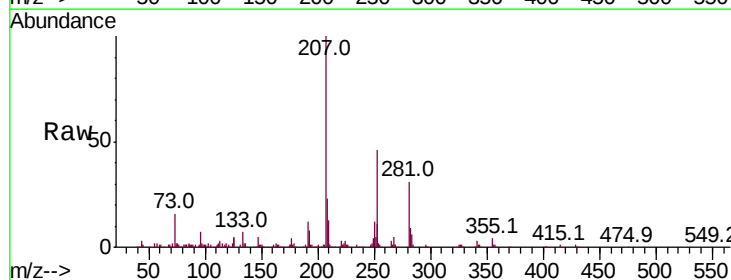
Tgt Ion:252 Resp: 150048

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 9.8 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

