

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007054.D
 Acq On : 12 Aug 2016 22:30
 Operator : UM/SJ
 Sample : H4389-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS005-0206-01

Quant Time: Aug 13 01:03:00 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 23:03:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	246505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	962154	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	555259	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1323361	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1711288	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1850186	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.33	96	21878	3.88	ng/uL	0.01
5) Phenol-d5	6.97	99	413477	20.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	250422	21.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	346849	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	327126	19.91	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	162738	23.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	177706	23.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	343372	21.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	399862	21.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1089353	23.74	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1336206	24.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	154009	18.73	ng/ul	0.00
57) Fluorene-d10	15.43	176	966368	24.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	140119	19.16	ng/ul	0.00
70) Anthracene-d10	17.28	188	1563180	25.50	ng/ul	0.00
76) Pyrene-d10	19.57	212	1877406	25.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2160843	25.53	ng/ul	0.00

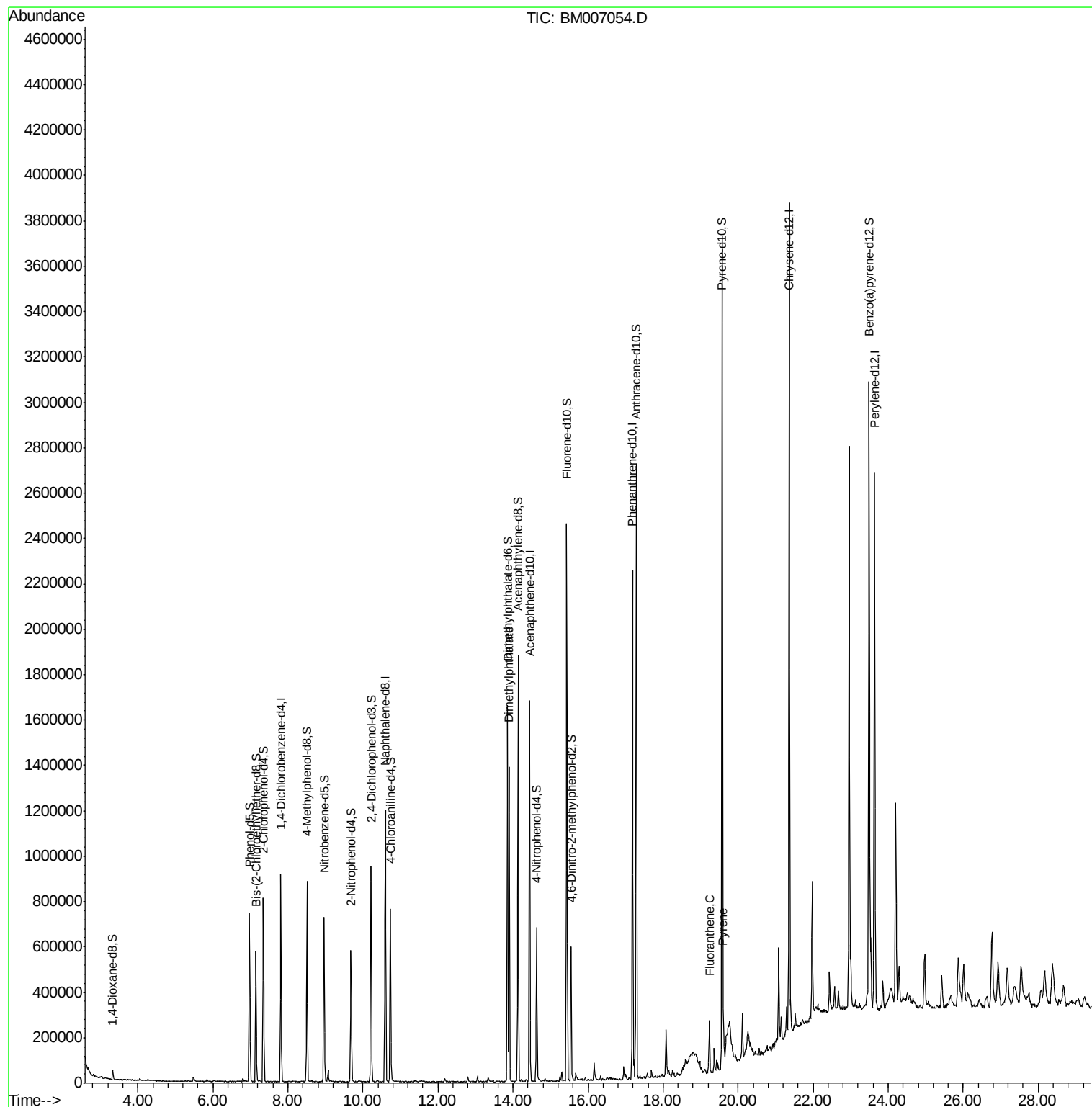
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.90	163	837923	18.27	ng/ul	99
74) Fluoranthene	19.24	202	131020	1.52	ng/ul	99
77) Pyrene	19.60	202	130441	1.38	ng/ul	99

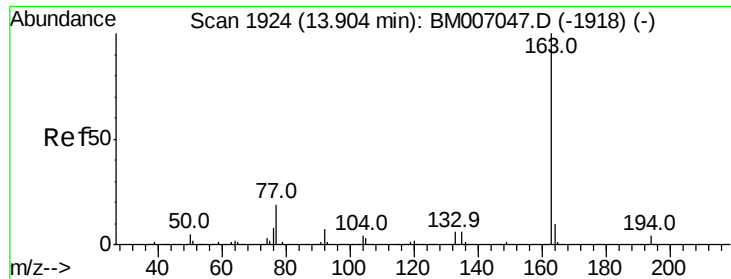
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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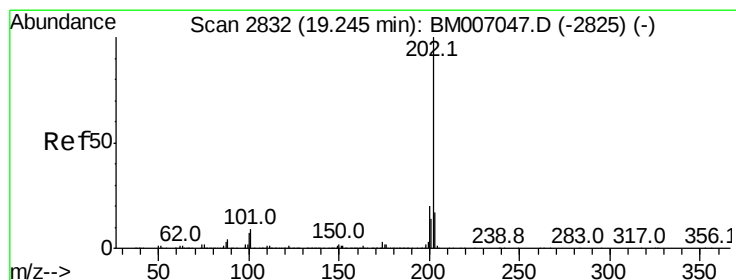
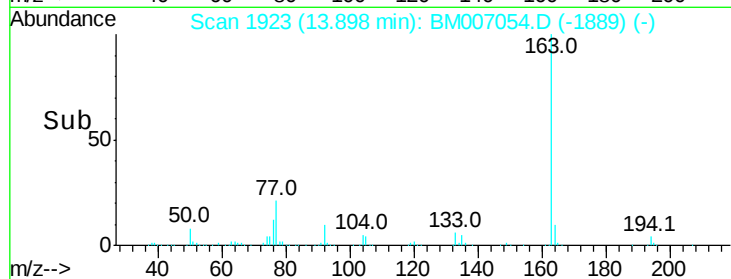
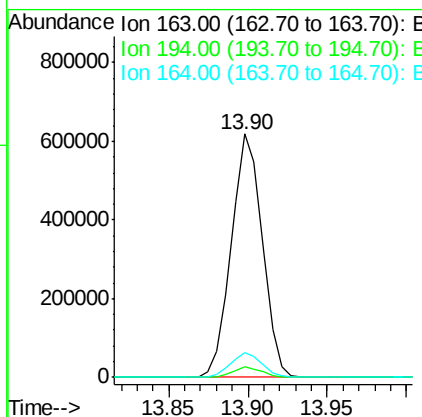
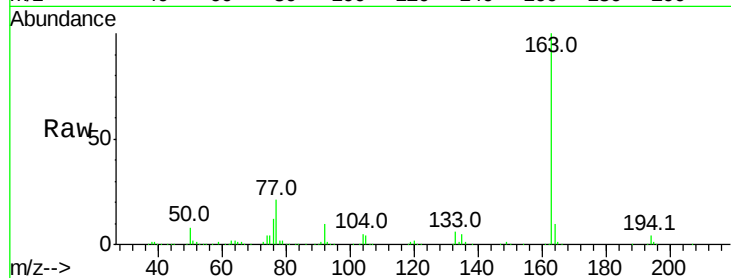




#44
Dimethylphthalate
Concen: 18.27 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM007054.D
Acq: 12 Aug 2016 22:30

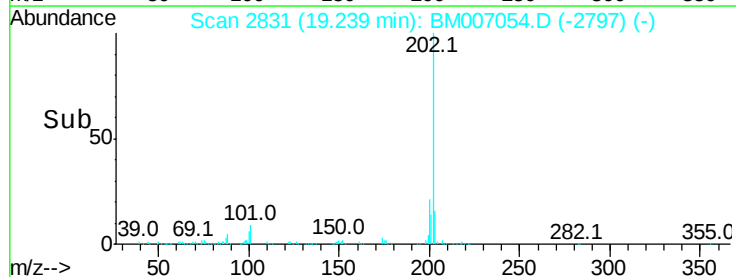
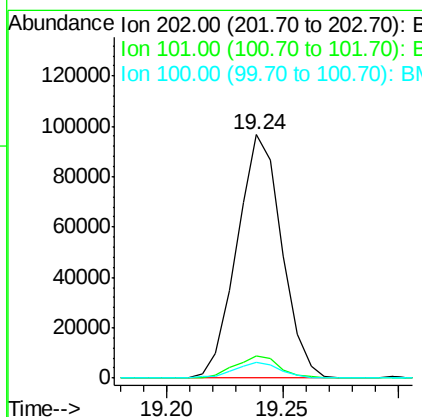
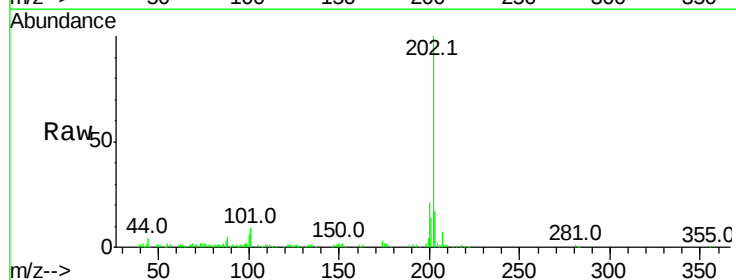
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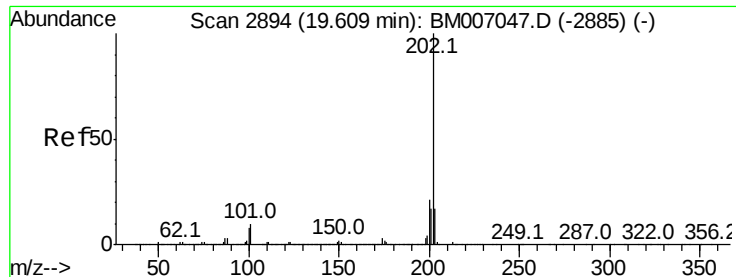
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	7.8	11.8



#74
Fluoranthene
Concen: 1.52 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM007054.D
Acq: 12 Aug 2016 22:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
100	6.4	5.4	8.0





#77

Pvrene

Concen: 1.38 ng/ul

RT: 19.60 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BM007054.D

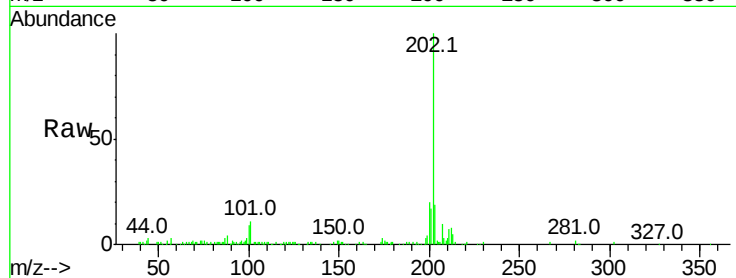
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Instrument :

BNA_M

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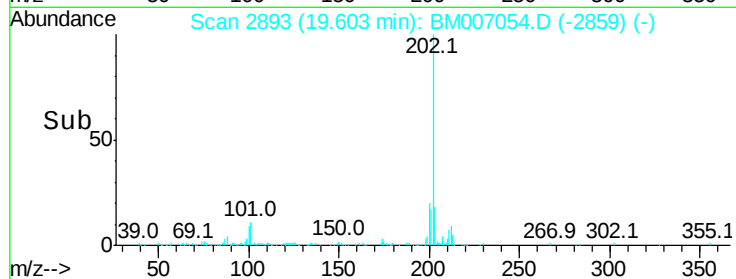
Tot Ion: 202 Resp: 130441

Ion Ratio Lower Upper

202 100

101 11.1 8.4 12.6

100 8.9 6.9 10.3



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

