

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004201.D
 Acq On : 08 Feb 2016 15:47
 Operator : SJ/IZ
 Sample : H1340-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04H0

Quant Time: Feb 09 00:11:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	114606	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	70231	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	165439	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	200333	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	194206	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1643	3.67	ng/uL	0.00
5) Phenol-d5	6.83	99	41841	18.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	22714	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	36680	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	24027	12.11	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	18255	21.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	20004	21.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	36342	20.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	35962	16.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	127387	21.08	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	155186	22.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	15845	13.10	ng/ul	0.00
58) Fluorene-d10	15.31	176	114777	22.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	14156	13.88	ng/ul	0.00
71) Anthracene-d10	17.16	188	180163	22.39	ng/ul	0.00
79) Pyrene-d10	19.47	212	215982	24.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	231535	22.86	ng/ul	0.00

Target Compounds

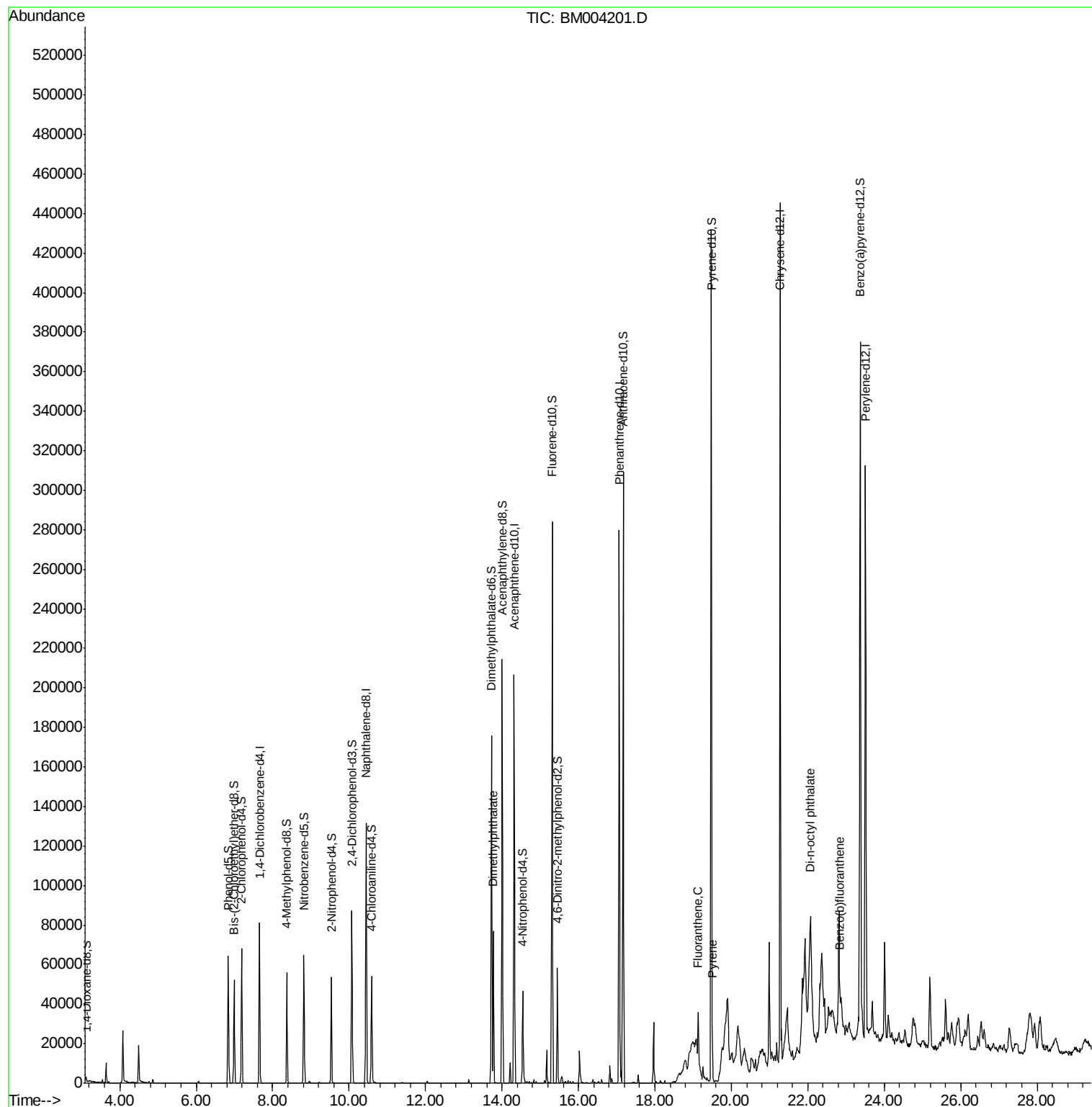
						Qvalue
45) Dimethylphthalate	13.77	163	53548	8.41	ng/ul	100
77) Fluoranthene	19.13	202	16188	1.38	ng/ul	99
80) Pyrene	19.50	202	15592	1.27	ng/ul	97
87) Di-n-octyl phthalate	22.07	149	14657	1.12	ng/ul#	85
88) Benzo(b)fluoranthene	22.84	252	14893	1.20	ng/ul#	93

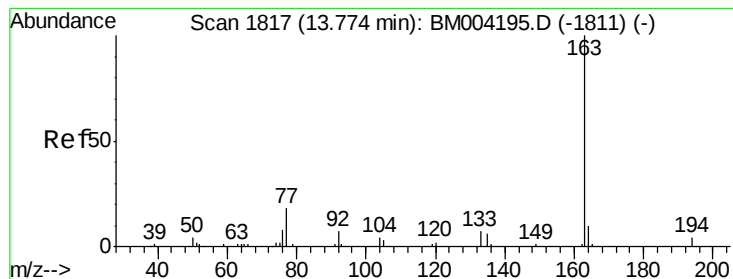
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 8.41 ng/ul

RT: 13.77 min Scan# 1817

Delta R.T. 0.00 min

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BNA_M

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C04H0

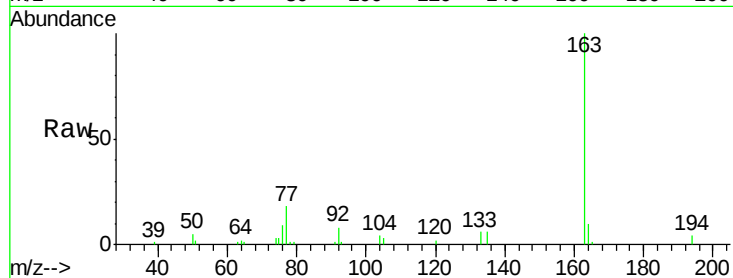
Tgt Ion:163 Resp: 53548

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

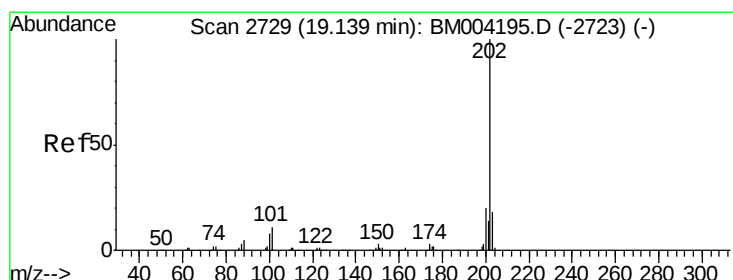
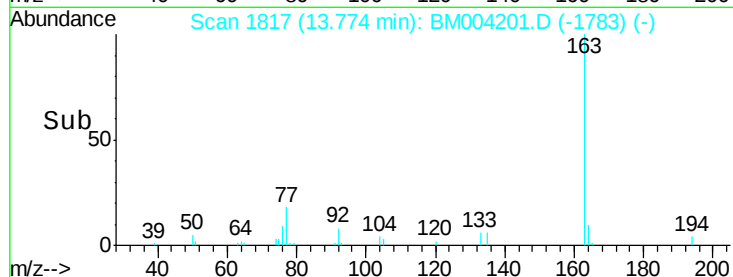
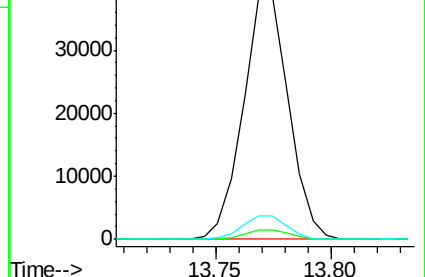
164 9.7 7.8 11.8



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: 1.38 ng/ul

RT: 19.13 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM004201.D

Acq: 08 Feb 2016 15:47

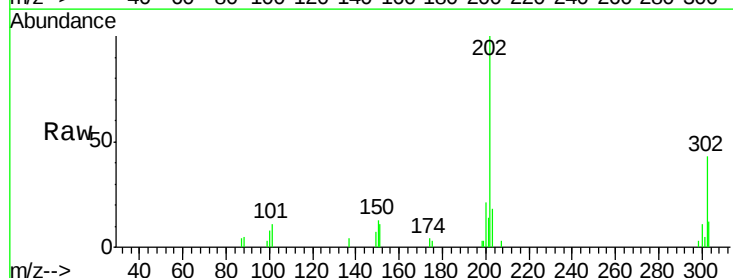
Tgt Ion:202 Resp: 16188

Ion Ratio Lower Upper

202 100

101 11.4 8.8 13.2

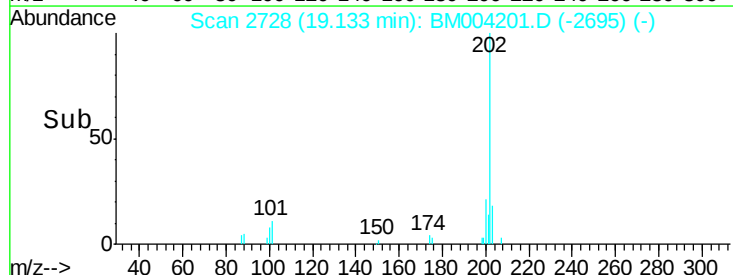
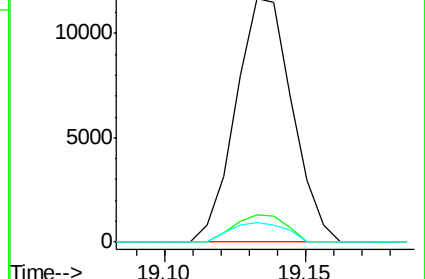
100 8.1 6.6 9.8

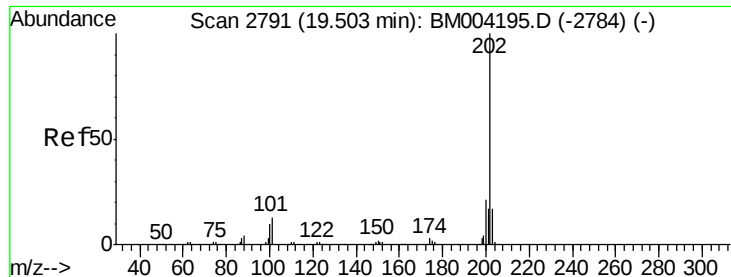


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

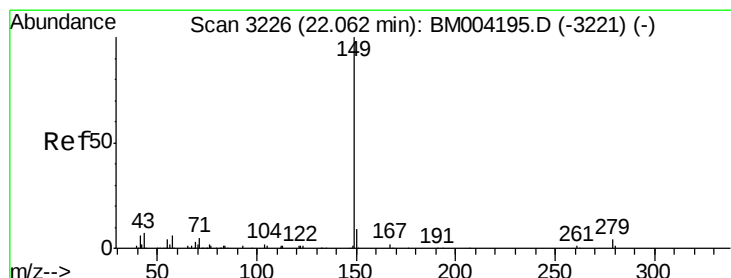
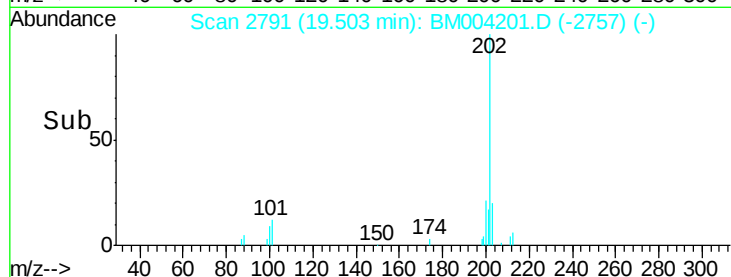
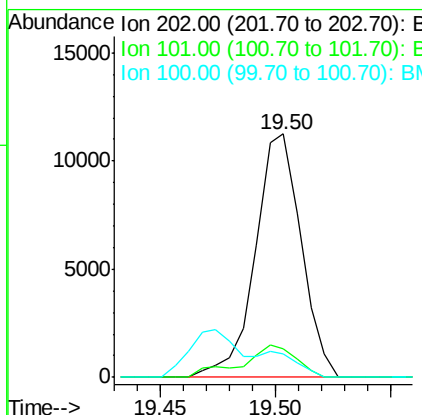
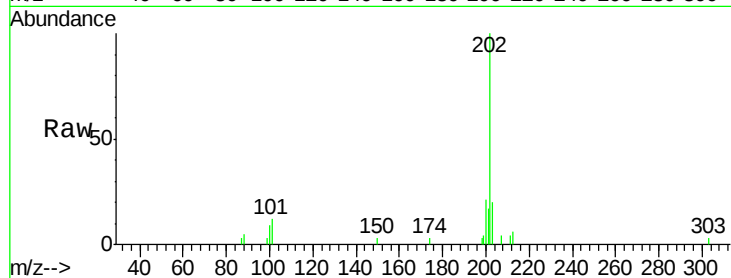




#80
Pyrene
Concen: 1.27 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004201.D
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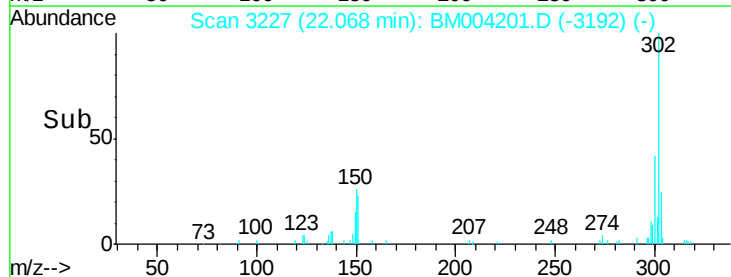
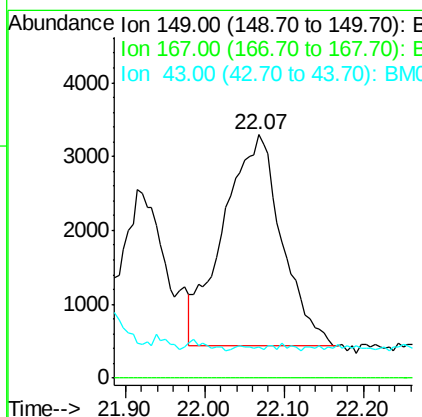
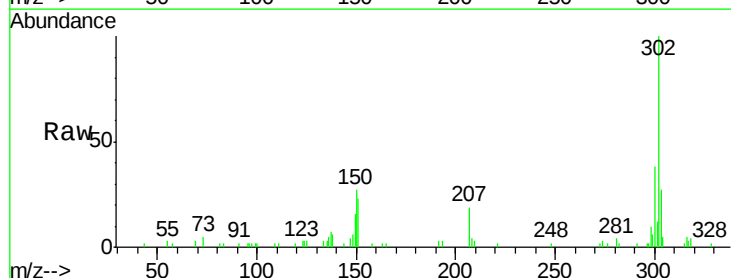
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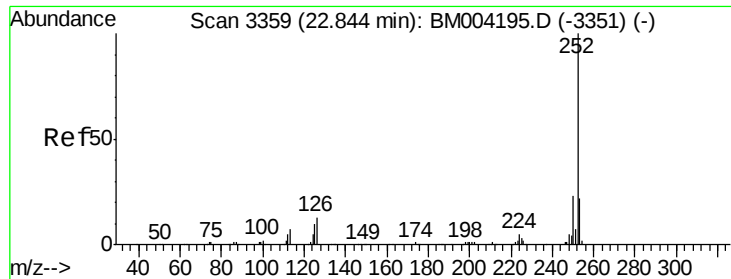
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.2	15.2
100	9.4	8.5	12.7



#87
Di-n-octyl phthalate
Concen: 1.12 ng/ul
RT: 22.07 min Scan# 3227
Delta R.T. 0.01 min
Lab File: BM004201.D
Acq: 08 Feb 2016 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	13.0	5.6	8.4#





#88

Benzo(b)fluoranthene

Concen: 1.20 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM004201.D

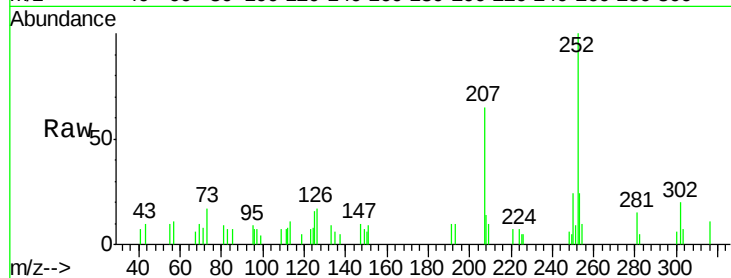
Acq: 08 Feb 2016 15:47

Instrument :

BNA_M

ClientSampleId :

C04H0



Tgt Ion:	252	Resp:	14893
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.5	26.3
125	15.6	8.5	12.7

