

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005630.D
 Acq On : 24 May 2016 04:18
 Operator : UM/SJ
 Sample : H3086-11RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGH6RE

Quant Time: May 24 13:35:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 06:55:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	199507	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	750939	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	309690	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	604933	20.00	ng/ul	0.01
75) Chrysene-d12	21.36	240	678647	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	695342	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.27	96	13735	3.02	ng/uL	0.00
5) Phenol-d5	6.98	99	392094	23.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	225386	23.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	318552	23.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	305091	22.77	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	149227	25.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	156328	24.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	276916	23.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	164431	13.79	ng/ul	-0.02
43) Dimethylphthalate-d6	13.85	166	616468	24.39	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	800104	25.32	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	105668	22.10	ng/ul	0.00
57) Fluorene-d10	15.44	176	517460	23.52	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	25442	7.31	ng/ul	0.02
70) Anthracene-d10	17.29	188	715970	24.85	ng/ul	0.01
76) Pyrene-d10	19.58	212	816576	26.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	783023	24.12	ng/ul	0.00

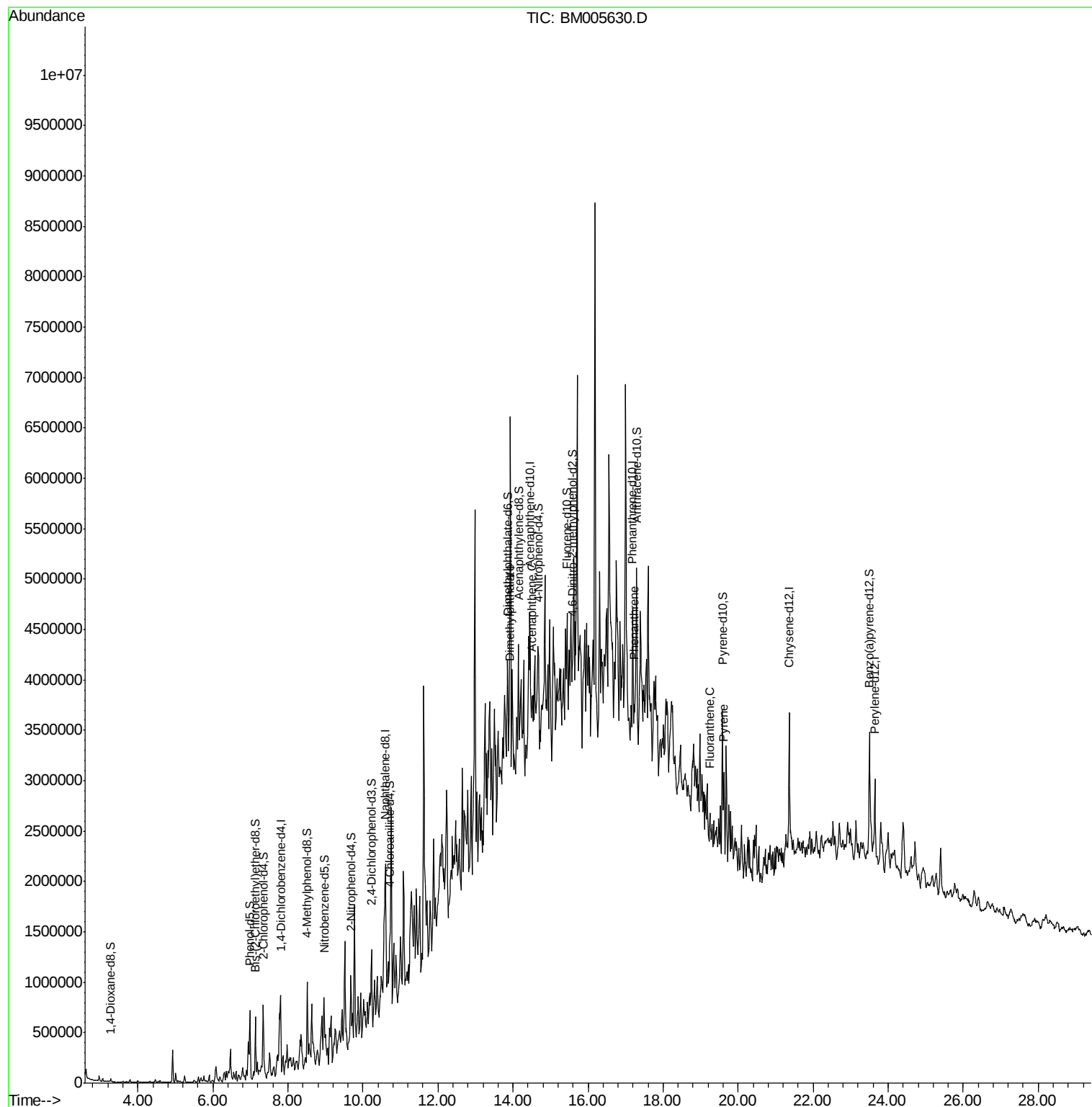
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.90	163	218783	8.76	ng/ul#	89
49) Acenaphthene	14.52	153	70333	3.32	ng/ul#	84
69) Phenanthrene	17.24	178	119743	3.54	ng/ul#	58
74) Fluoranthene	19.24	202	62566	1.64	ng/ul#	78
77) Pyrene	19.61	202	350001	8.97	ng/ul#	94

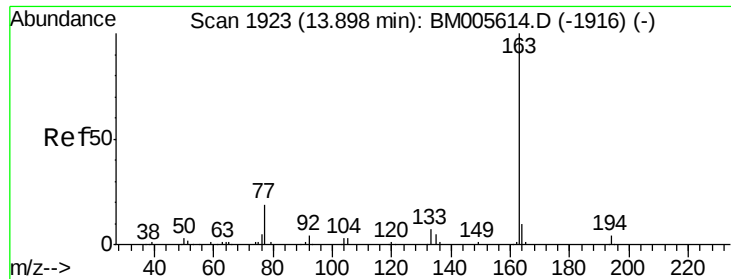
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 8.76 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM005630.D

Acq: 24 May 2016 04:18

Instrument :

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ClientSampleId :

JHGH6RE

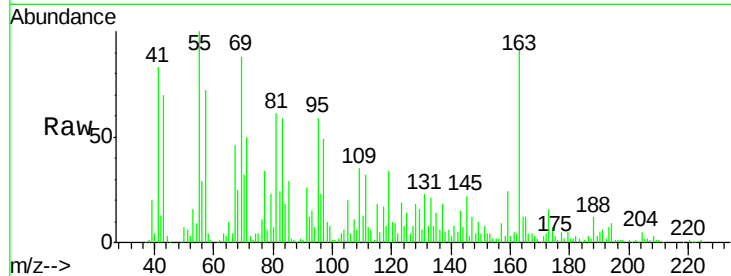
Tgt Ion:163 Resp: 218783

Ion Ratio Lower Upper

163 100

194 10.3 3.4 5.0#

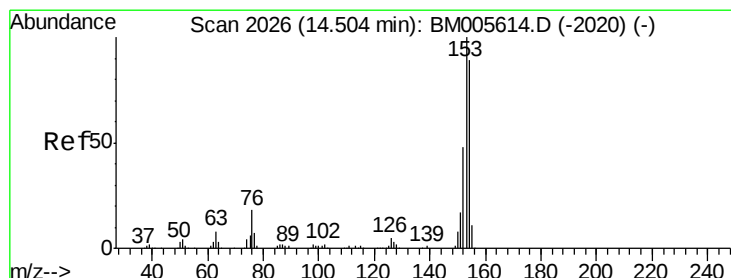
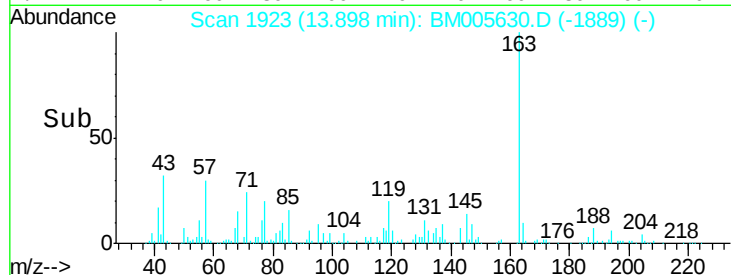
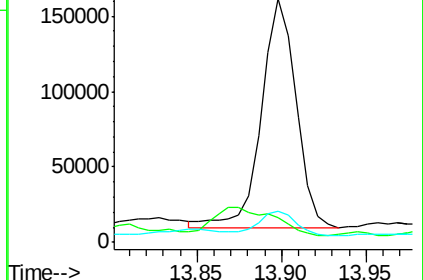
164 12.9 8.0 12.0#



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



#49

Acenaphthene

Concen: 3.32 ng/ul

RT: 14.52 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BM005630.D

Acq: 24 May 2016 04:18

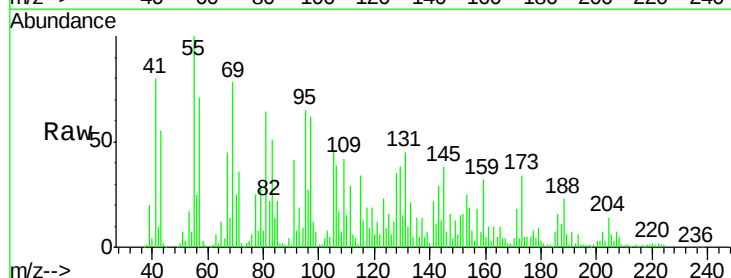
Tgt Ion:153 Resp: 70333

Ion Ratio Lower Upper

153 100

152 64.8 37.8 56.6#

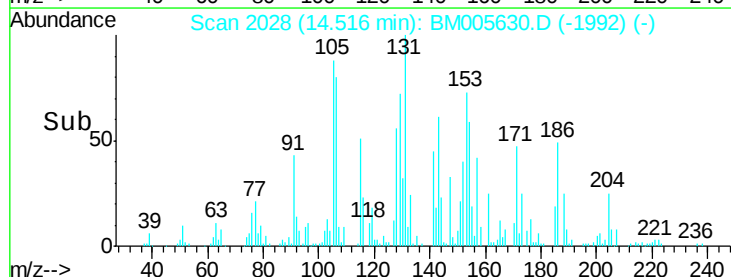
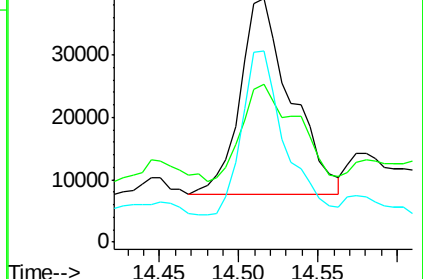
154 78.6 71.1 106.7

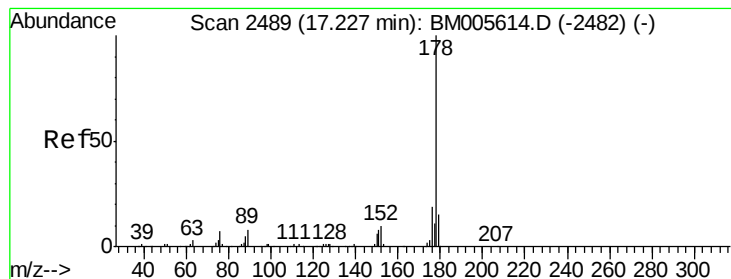


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#69

Phenanthrene

Concen: 3.54 ng/ul

RT: 17.24 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BM005630.D

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Instrument :

BNA_M

ClientSampleId :

JHGH6RE

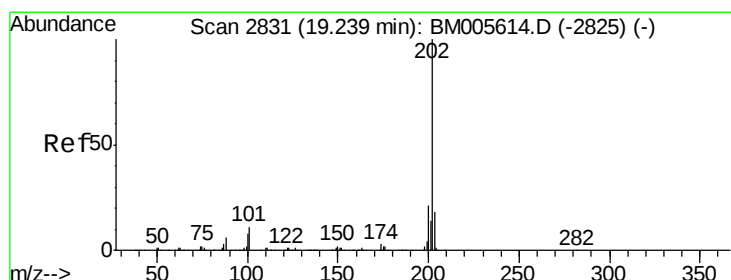
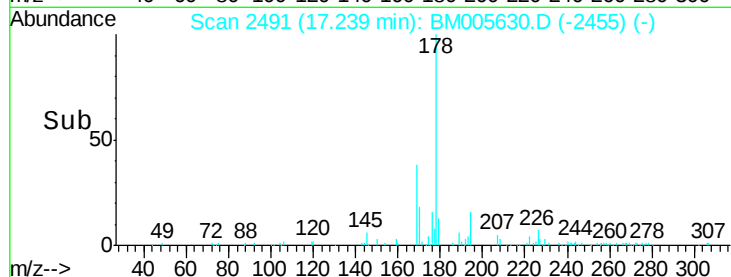
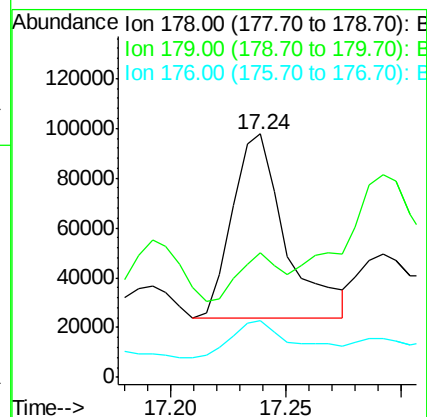
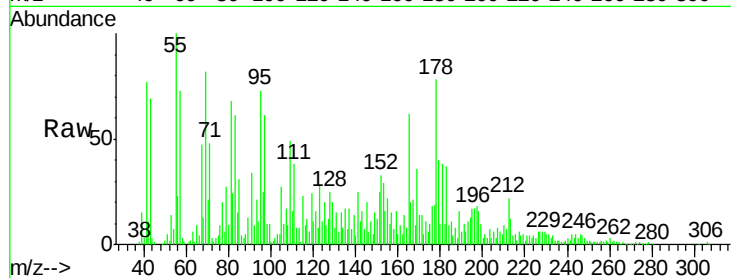
Tgt Ion:178 Resp: 119743

Ion Ratio Lower Upper

178 100

179 51.3 12.2 18.2#

176 23.1 15.8 23.6



#74

Fluoranthene

Concen: 1.64 ng/ul

RT: 19.24 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BM005630.D

Acq: 24 May 2016 04:18

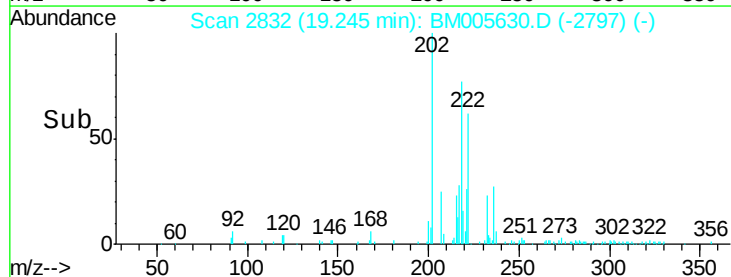
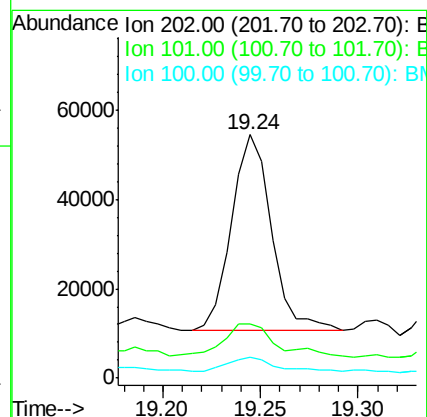
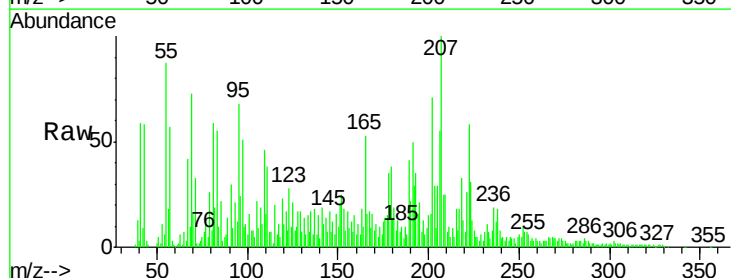
Tgt Ion:202 Resp: 62566

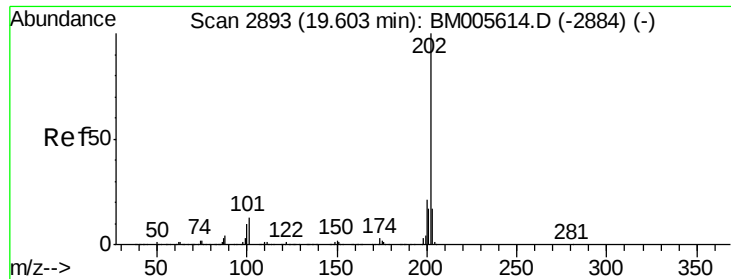
Ion Ratio Lower Upper

202 100

101 22.5 7.9 11.9#

100 8.6 5.6 8.4#





#77
 Pyrene
 Concen: 8.97 ng/ul
 RT: 19.61 min Scan# 2894
 Delta R.T. 0.01 min
 Lab File: BM005630.D
 Acq: 24 May 2016 04:18

Instrument :
 BNA_M
 ClientSampleId :
 JHGH6RE

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.6	14.4#
100	9.8	7.8	11.6

