

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
 Data File : BM006777.D
 Acq On : 30 Jul 2016 17:24
 Operator : UM/SJ
 Sample : H4190-21MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 01 04:26:07 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	173506	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	765686	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	430263	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	968706	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1108769	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1125640	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.13	96	2934	0.68	ng/uL	0.00
3) Phenol-d5	6.79	99	144485	9.79	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	108079	11.82	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	120905	10.25	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	108504	9.48	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	74103	12.79	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	82525	13.39	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	153750	13.20	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	186523	14.54	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	646976	19.18	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	779854	18.11	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	104145	17.77	ng/ul	0.00
21) Fluorene-d10	15.26	176	572952	18.99	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	84432	16.79	ng/ul	0.00
26) Anthracene-d10	17.11	188	924653	20.10	ng/ul	0.00
30) Pyrene-d10	19.41	212	1091810	21.61	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1115583	21.55	ng/ul	-0.01

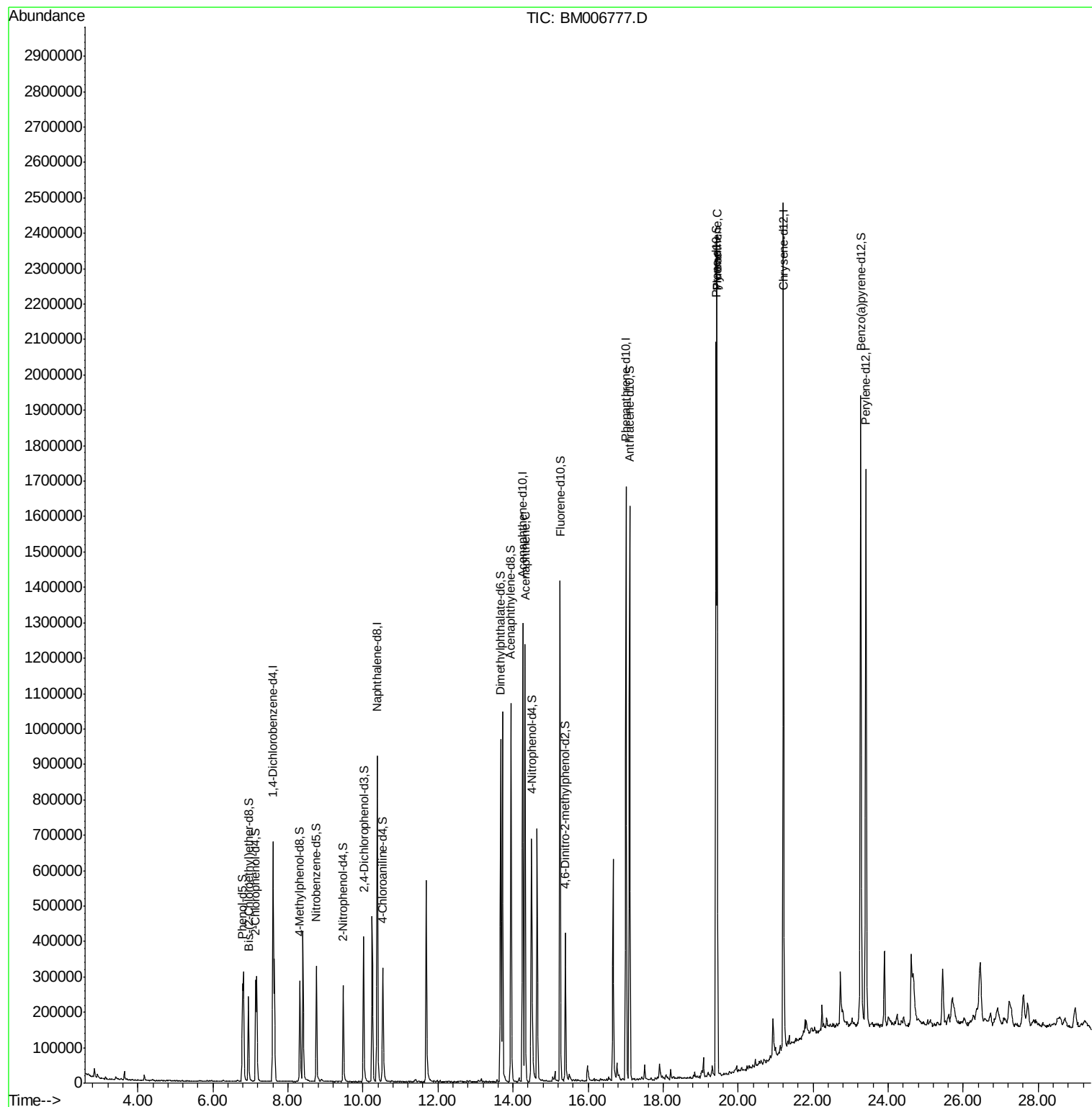
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
19) Acenaphthene	14.32	153	515914	17.41	ng/ul	95
28) Fluoranthene	19.44	202	1417335	22.14	ng/ul	95
31) Pyrene	19.44	202	1417335	21.11	ng/ul	97

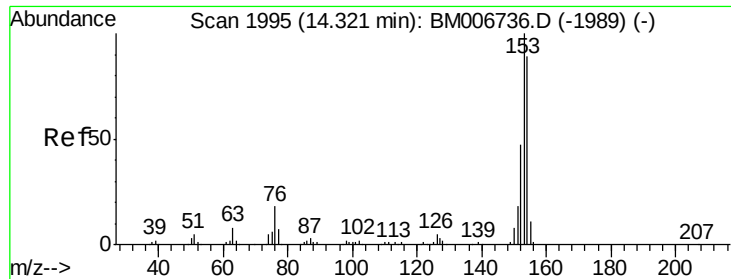
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Acenaphthene

Concen: 17.41 ng/ul

RT: 14.32 min Scan# 1995

Delta R.T. 0.00 min

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BNA_M

ClientSampleId :

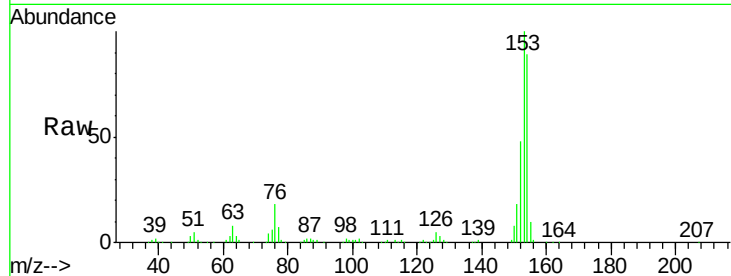
Tot Ion:153 Resp: 515914

Ion Ratio Lower Upper

153 100

152 48.1 36.5 54.7

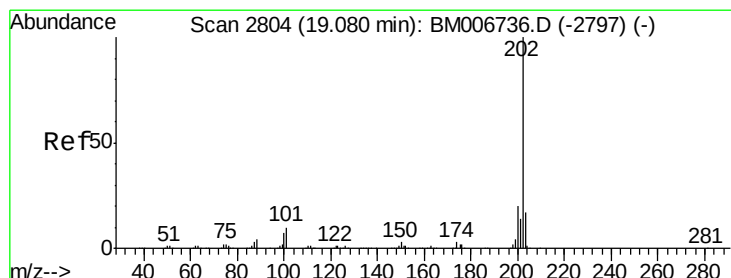
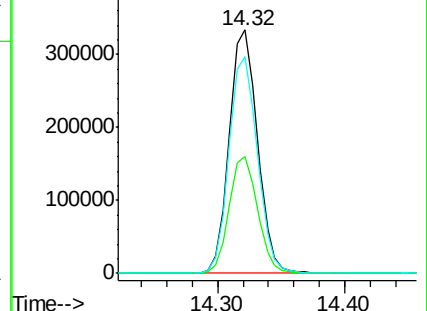
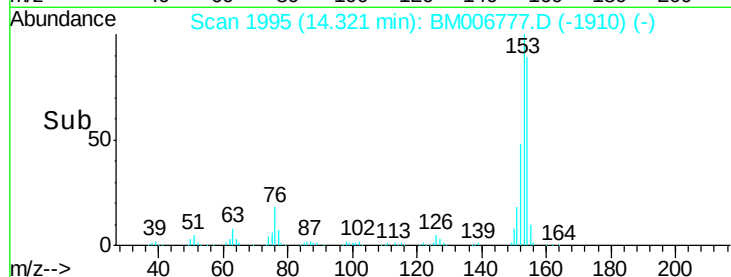
154 88.9 67.3 100.9



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



#28

Fluoranthene

Concen: 22.14 ng/ul

RT: 19.44 min Scan# 2865

Delta R.T. 0.36 min

Lab File: BM006777.D

Acq: 30 Jul 2016 17:24

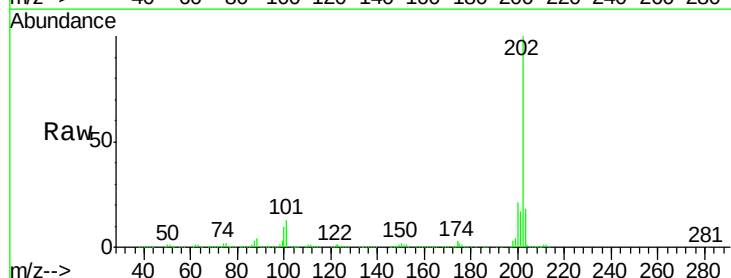
Tgt Ion:202 Resp: 1417335

Ion Ratio Lower Upper

202 100

101 13.1 8.9 13.3

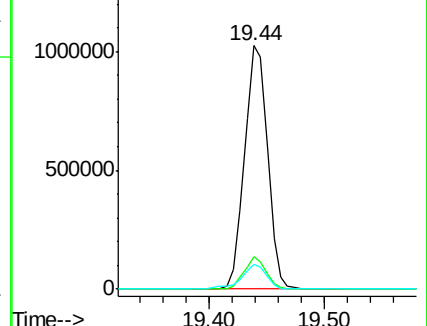
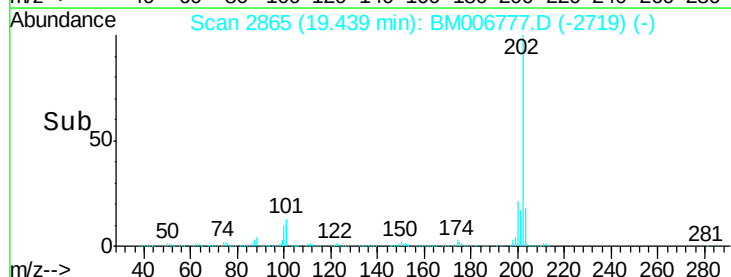
100 10.0 7.0 10.4

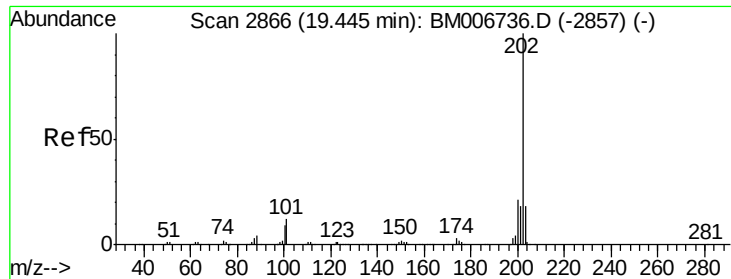


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

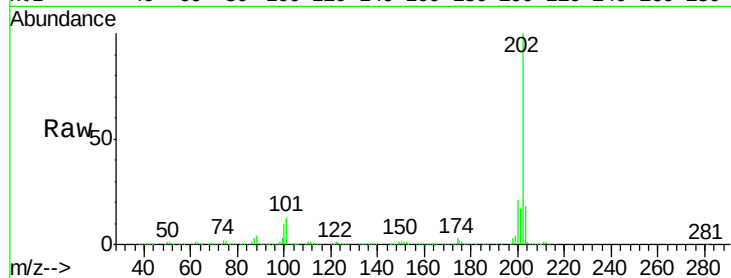




#31
 Pvrene
 Concen: 21.11 ng/ul
 RT: 19.44 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM006777.D
 Acq: 30 Jul 2016 17:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 1417335
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.8 14.8
 100 10.0 9.3 13.9



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

