

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
 Data File : BM006018.D
 Acq On : 26 Jun 2016 01:49
 Operator : UM/SJ
 Sample : H3670-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YA2

Quant Time: Jun 26 04:58:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 26 04:58:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	158283	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	876934	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	641370	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1729767	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2404103	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	2770348	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.17	96	4216	1.19	ng/uL	0.00
3) Phenol-d5	6.83	99	143371	8.61	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	112903	12.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	118803	10.24	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	60193	4.28	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	70635	10.58	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	72359	9.74	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	129497	9.09	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	161425	10.44	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	607445	11.06	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	705764	11.08	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	78434	6.70	ng/ul	0.00
21) Fluorene-d10	15.30	176	553223	11.80	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	58328	6.07	ng/ul	0.00
26) Anthracene-d10	17.15	188	935298	11.77	ng/ul	0.00
30) Pyrene-d10	19.44	212	1226797	11.65	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1411304	11.28	ng/ul	-0.01

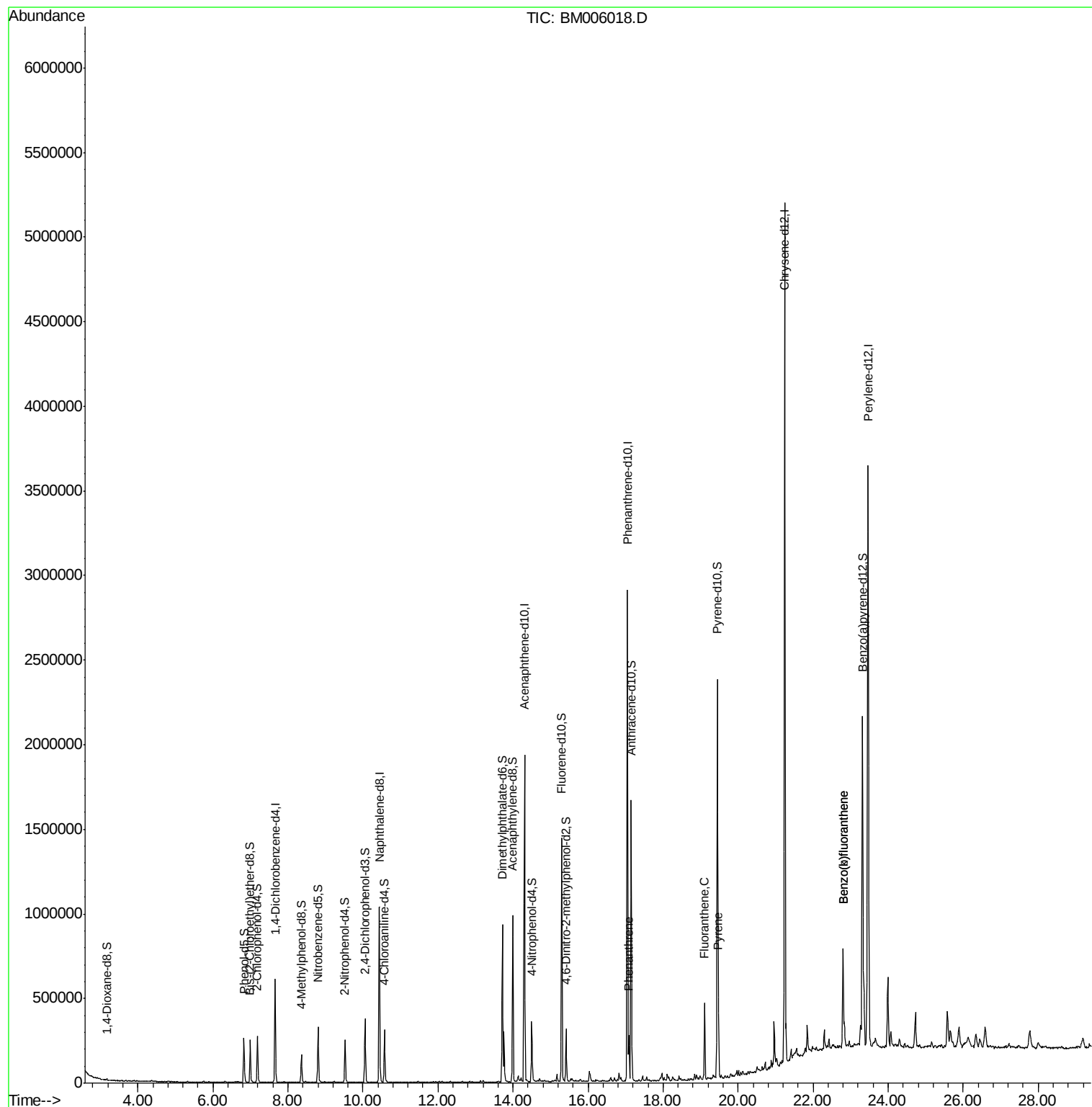
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Phenanthrene	17.09	178	150751	1.62	ng/ul	100
28) Fluoranthene	19.11	202	258570	2.17	ng/ul	97
31) Pyrene	19.47	202	230243	1.67	ng/ul	98
35) Benzo(b)fluoranthene	22.79	252	175313	1.09	ng/ul#	95
36) Benzo(k)fluoranthene	22.79	252	175313	1.17	ng/ul#	95

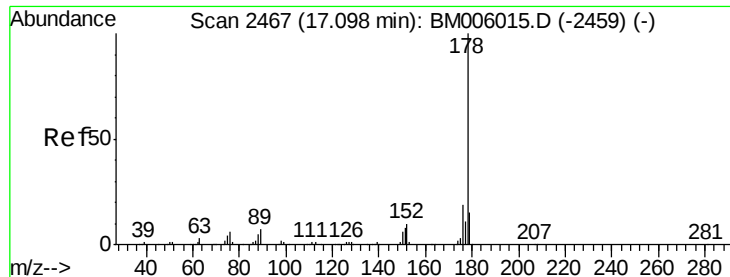
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.62 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BM006018.D

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D9YA2

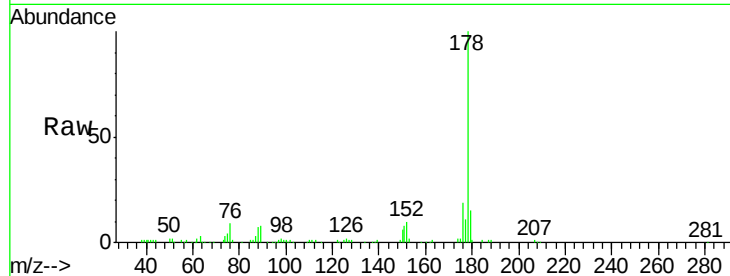
Tgt Ion:178 Resp: 150751

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

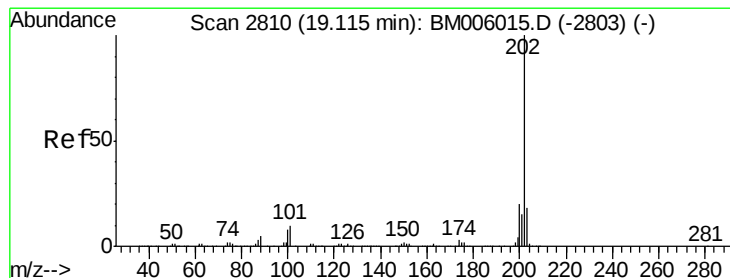
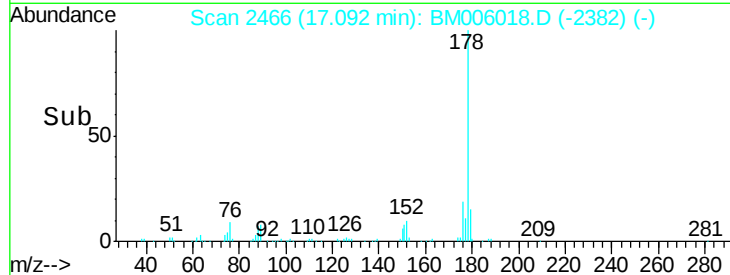
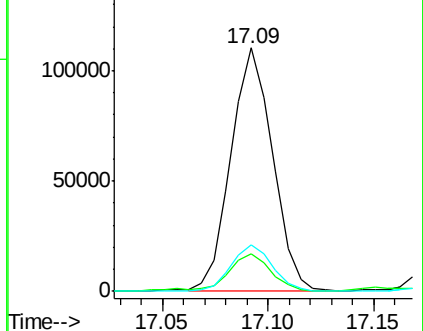
176 18.9 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 2.17 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM006018.D

Acq: 26 Jun 2016 01:49

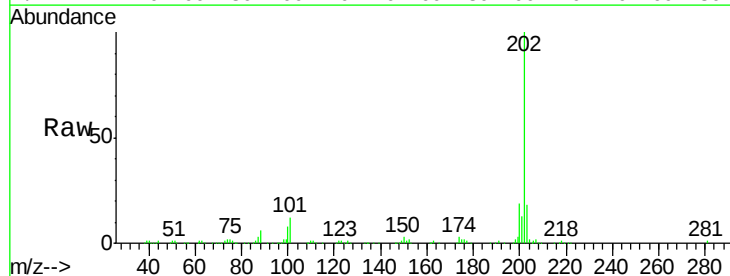
Tgt Ion:202 Resp: 258570

Ion Ratio Lower Upper

202 100

101 11.9 8.2 12.4

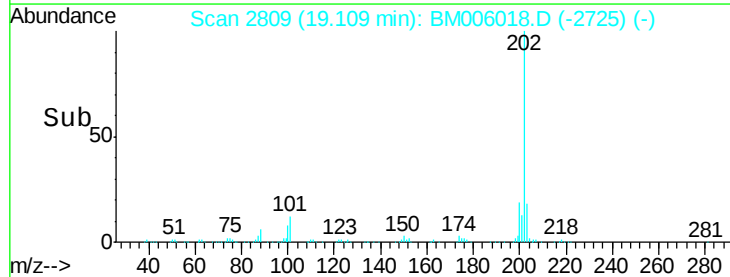
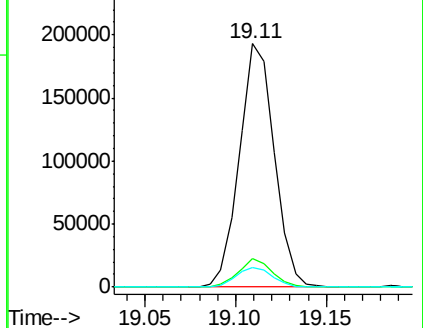
100 8.2 6.3 9.5

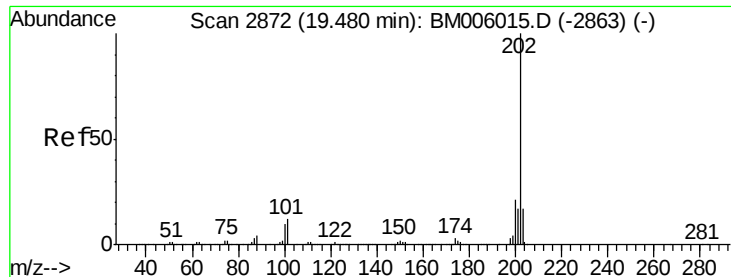


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

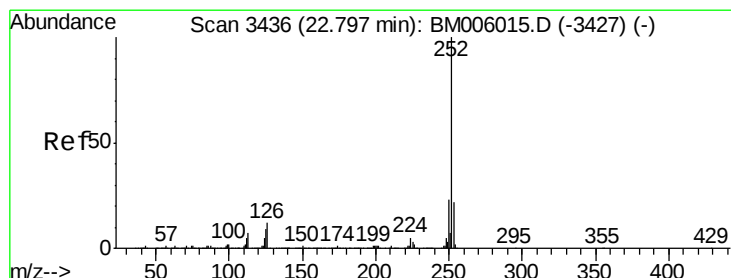
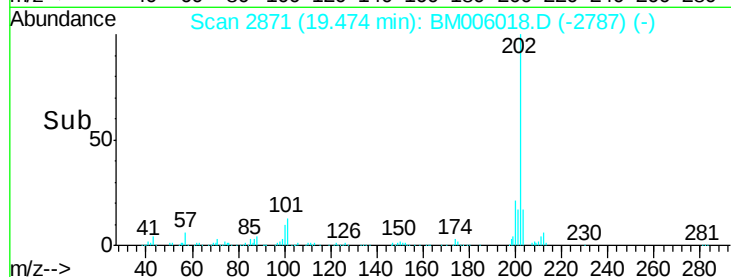
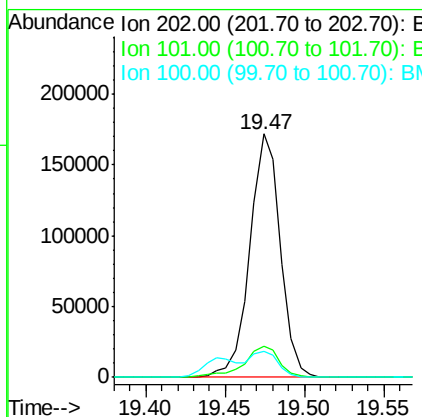
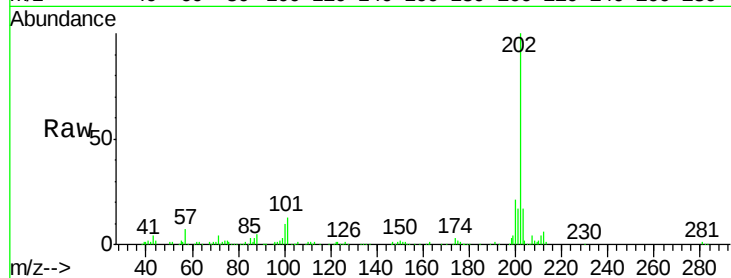




#31
 Pyrene
 Concen: 1.67 ng/ul
 RT: 19.47 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BM006018.D
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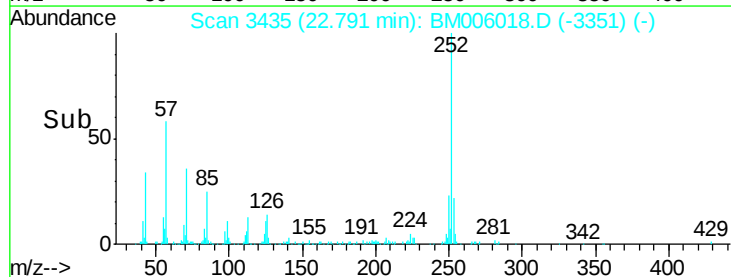
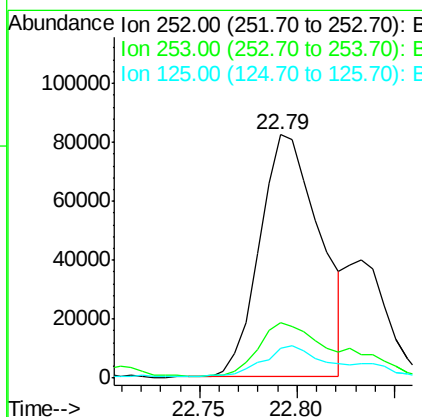
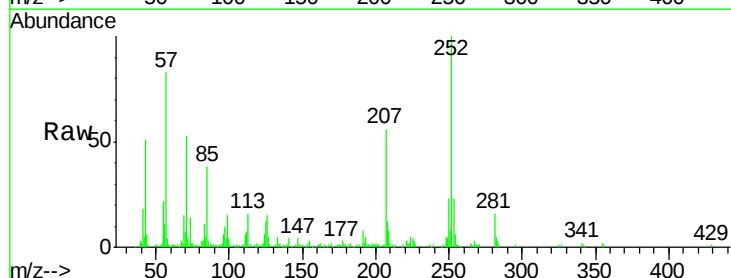
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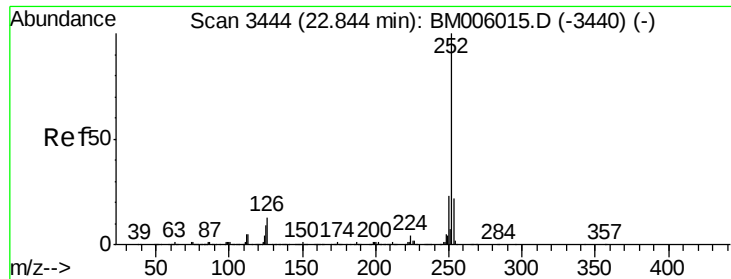
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.6
100	10.5	8.2	12.2



#35
 Benzo(b)fluoranthene
 Concen: 1.09 ng/ul
 RT: 22.79 min Scan# 3435
 Delta R.T. -0.01 min
 Lab File: BM006018.D
 Acq: 26 Jun 2016 01:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.2	6.8	10.2





#36

Benzo(k)fluoranthene

Concen: 1.17 ng/ul

RT: 22.79 min Scan# 3435

Delta R.T. -0.05 min

Lab File: BM006018.D

Acq: 26 Jun 2016 01:49

Instrument :

BNA_M

ClientSampleId :

D9YA2

Tgt Ion: 252 Resp: 175313

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 12.2 7.0 10.4#

