

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061616\
 Data File : BM005820.D
 Acq On : 16 Jun 2016 01:02
 Operator : UM/SJ
 Sample : H3535-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XX0

Quant Time: Jun 16 02:25:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 01:45:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	70639	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	365863	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.38	164	251524	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	611548	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	703947	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	648931	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	1664	1.09	ng/uL	0.00
3) Phenol-d5	6.92	99	63483	10.94	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	47783	13.84	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	59175	12.24	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	40406	8.24	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	30697	11.85	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	35400	12.30	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	63561	11.54	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	42161	6.97	ng/ul	0.01
16) Dimethylphthalate-d6	13.79	166	292736	14.66	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	355512	14.02	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	27563	12.01	ng/ul	0.02
21) Fluorene-d10	15.37	176	260669	15.67	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	35511	12.98	ng/ul	0.00
26) Anthracene-d10	17.22	188	417844	14.73	ng/ul	0.00
30) Pyrene-d10	19.52	212	516473	15.08	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	462541	15.43	ng/ul	0.00

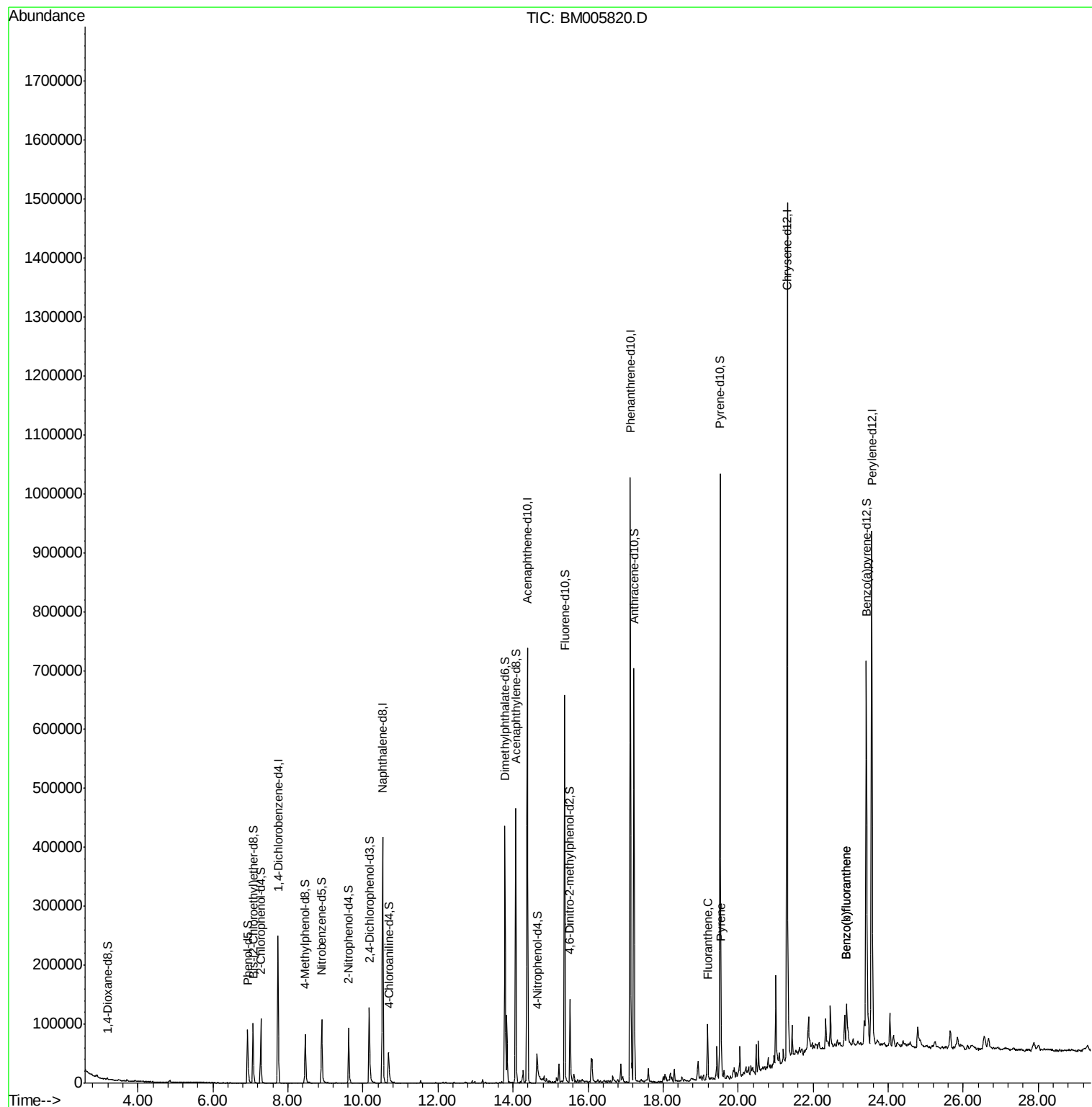
Target Compounds						Qvalue
28) Fluoranthene	19.19	202	51420	1.44	ng/ul	99
31) Pyrene	19.54	202	49559	1.15	ng/ul	99
35) Benzo(b)fluoranthene	22.89	252	54073	1.39	ng/ul#	95
36) Benzo(k)fluoranthene	22.89	252	54073	1.51	ng/ul	96

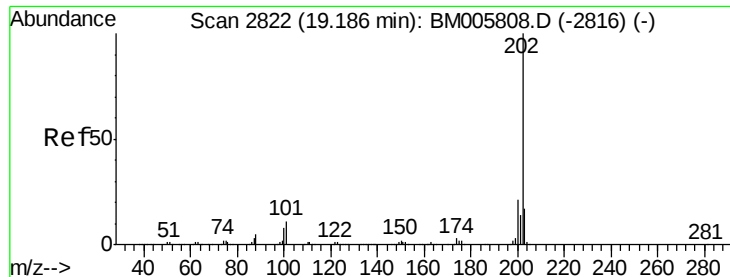
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Fluoranthene

Concen: 1.44 ng/ul

RT: 19.19 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BM005820.D

Acq: 16 Jun 2016 01:02

Instrument :

BNA_M

ClientSampleId :

D9XX0

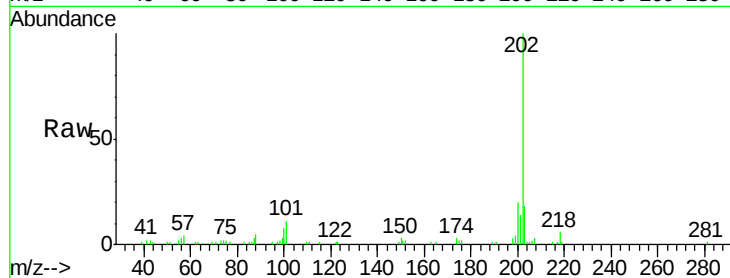
Tgt Ion:202 Resp: 51420

Ion Ratio Lower Upper

202 100

101 10.6 8.5 12.7

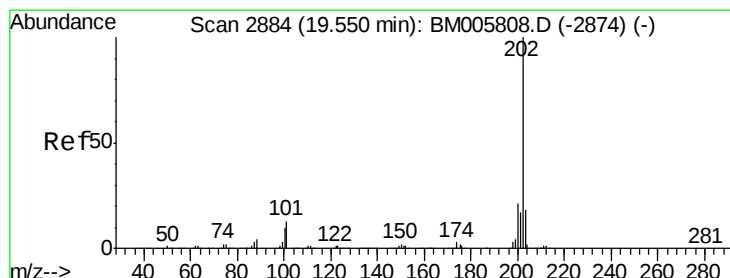
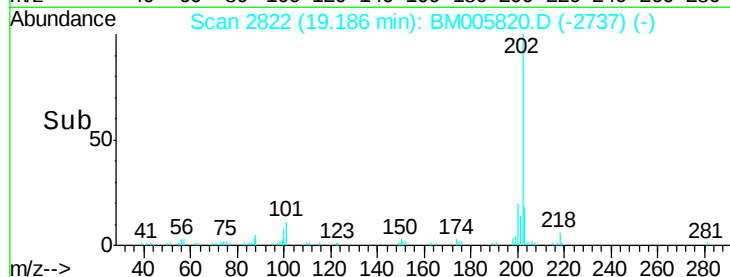
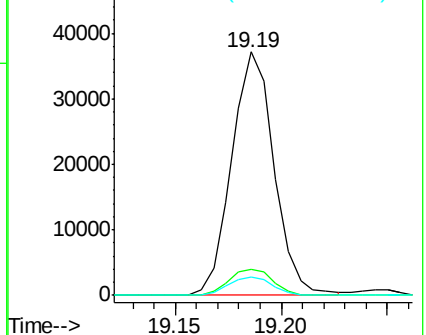
100 7.5 6.5 9.7



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: 1.15 ng/ul

RT: 19.54 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BM005820.D

Acq: 16 Jun 2016 01:02

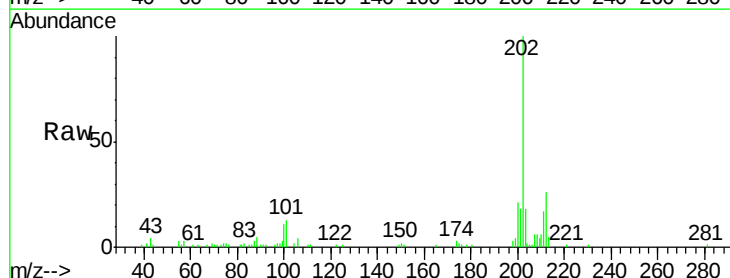
Tgt Ion:202 Resp: 49559

Ion Ratio Lower Upper

202 100

101 13.3 11.0 16.4

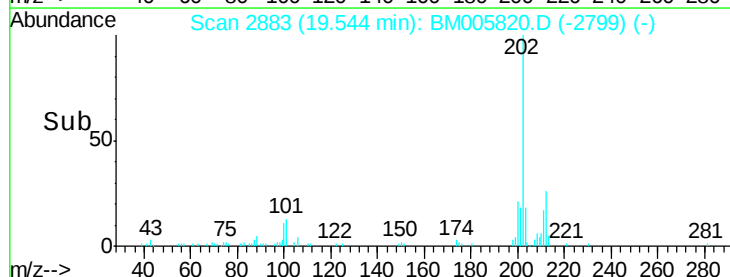
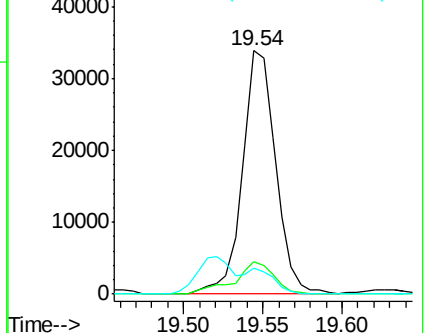
100 10.6 8.9 13.3

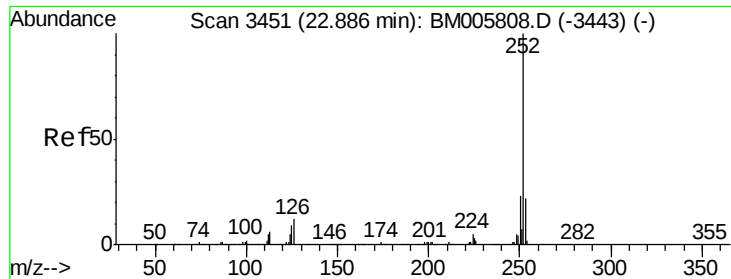


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

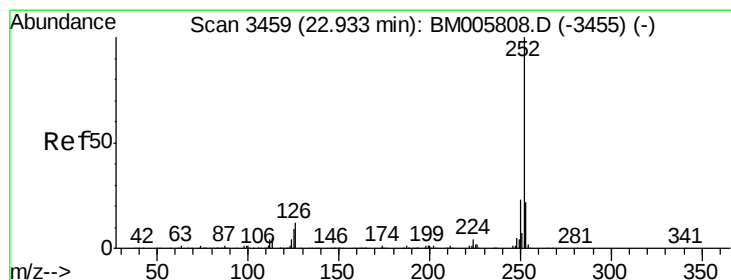
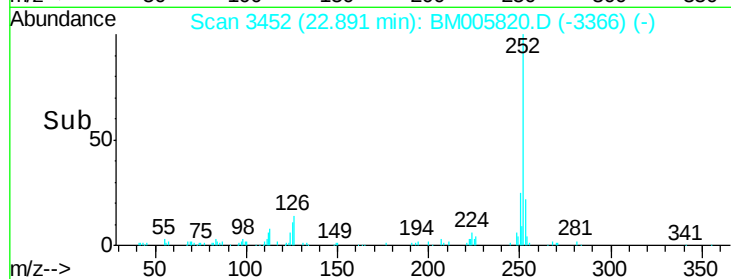
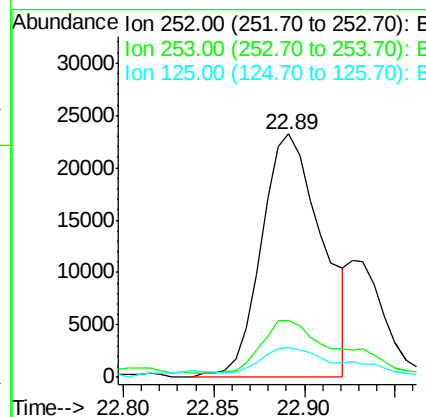
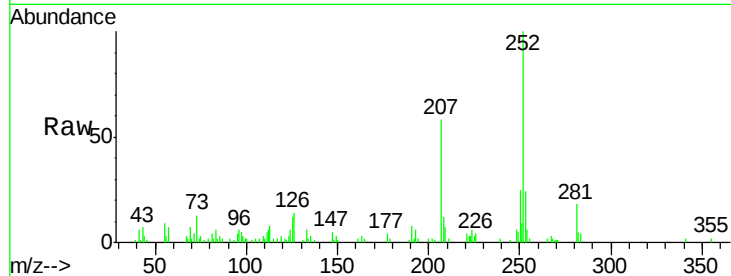




#35
Benzo(b)fluoranthene
Concen: 1.39 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005820.D
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Instrument :
BNA_M
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Tgt Ion:252 Resp: 54073
Ion Ratio Lower Upper
252 100
253 23.6 17.2 25.8
125 12.1 7.8 11.6#



#36
Benzo(k)fluoranthene
Concen: 1.51 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM005820.D
Acq: 16 Jun 2016 01:02

Tgt Ion:252 Resp: 54073
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 12.1 8.1 12.1

