

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072016\
 Data File : BM006579.D
 Acq On : 21 Jul 2016 06:05
 Operator : UM/SJ
 Sample : H4077-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YR6

Quant Time: Jul 21 06:57:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 21 01:09:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	186255	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	799447	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	440513	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	999630	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1169483	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1231870	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	5695	1.24	ng/uL	0.00
3) Phenol-d5	6.79	99	235018	14.83	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	163267	16.63	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	192755	15.22	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	148698	12.10	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	94134	15.56	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	102223	15.88	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	184733	15.19	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	219221	16.37	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	607012	17.57	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	766115	17.38	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	72722	12.12	ng/ul	0.00
21) Fluorene-d10	15.26	176	550347	17.82	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.39	200	59820	11.53	ng/ul	0.00
26) Anthracene-d10	17.11	188	858304	18.08	ng/ul	0.00
30) Pyrene-d10	19.42	212	1027641	19.28	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1099512	19.40	ng/ul	0.00

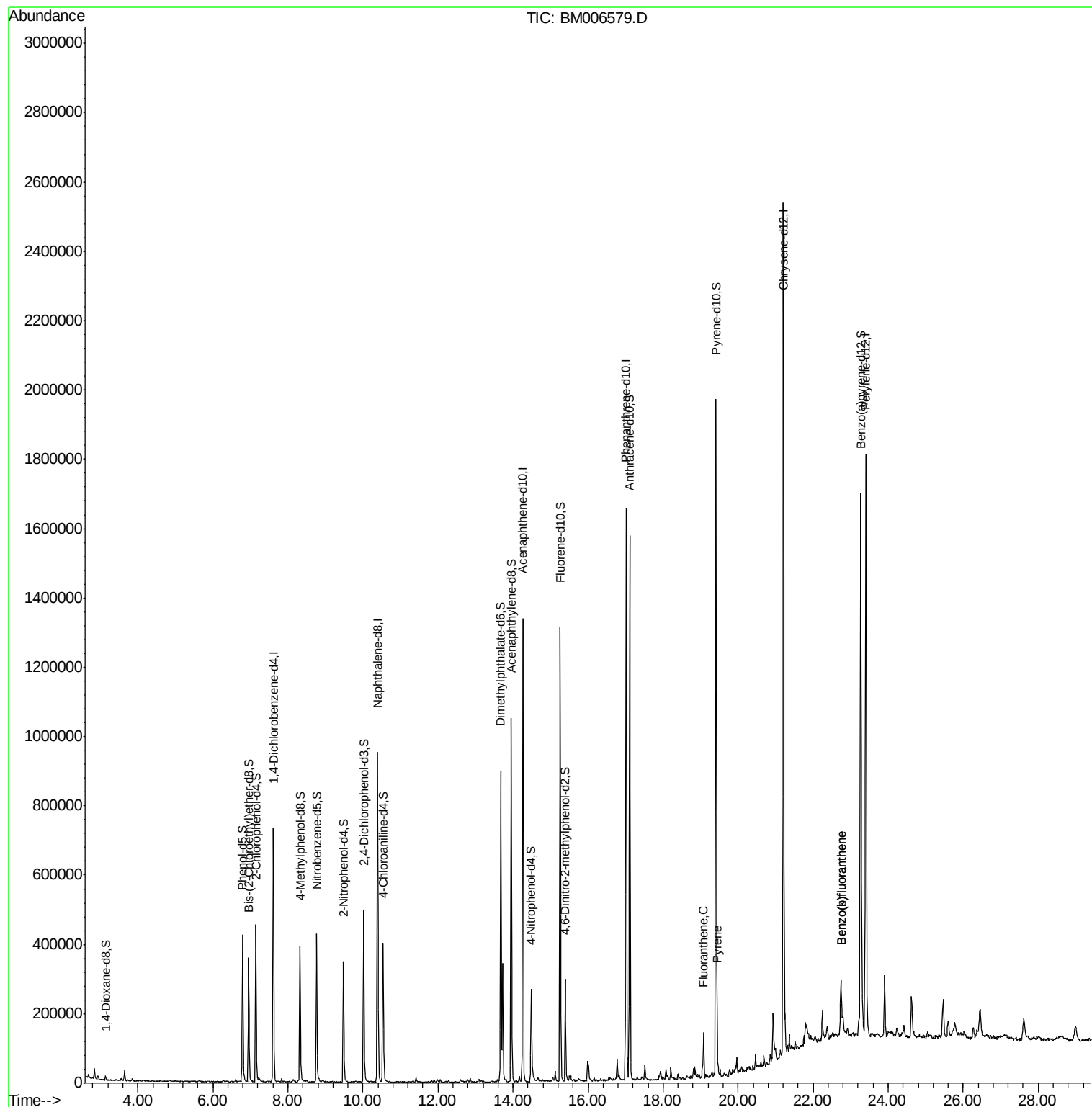
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Fluoranthene	19.08	202	76112	1.15	ng/ul	97
31) Pyrene	19.44	202	73941	1.04	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	82764	1.12	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	82764	1.16	ng/ul	98

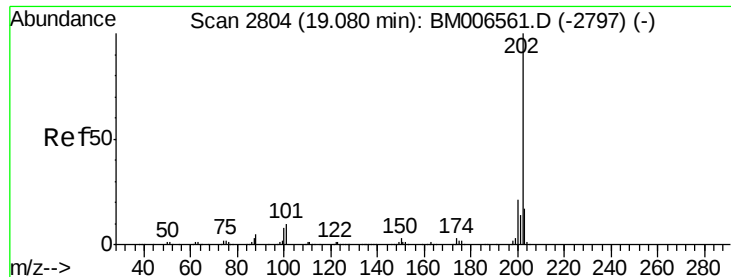
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Fluoranthene

Concen: 1.15 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

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Acq: 21 Jul 2016 06:05

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BNA_M

ClientSampleId :

D9YR6

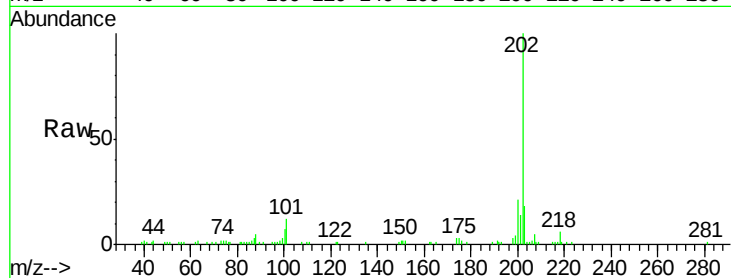
Tgt Ion:202 Resp: 76112

Ion Ratio Lower Upper

202 100

101 11.8 8.9 13.3

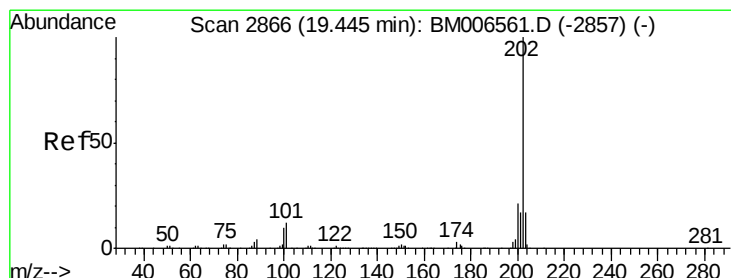
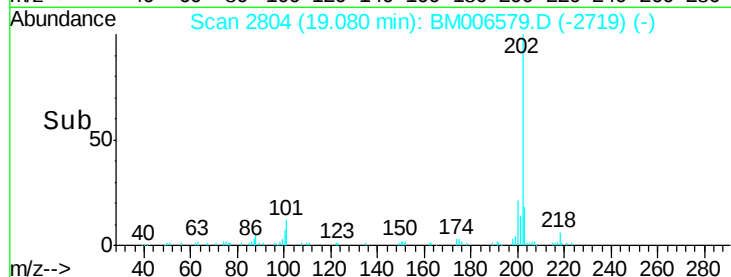
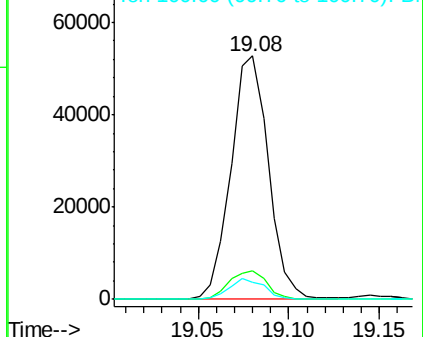
100 7.2 7.0 10.4



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

Pyrene

Concen: 1.04 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BM006579.D

Acq: 21 Jul 2016 06:05

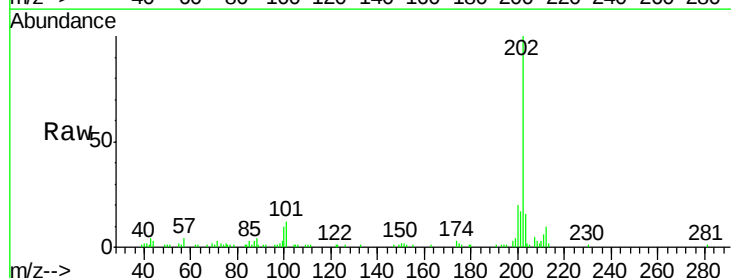
Tgt Ion:202 Resp: 73941

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.8

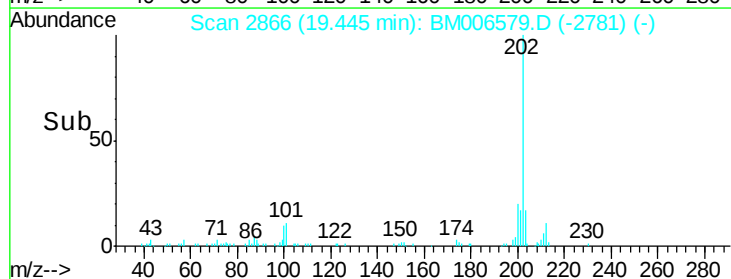
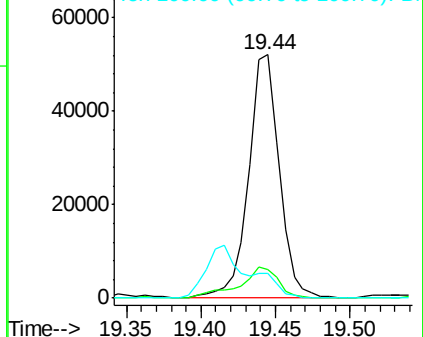
100 10.0 9.3 13.9

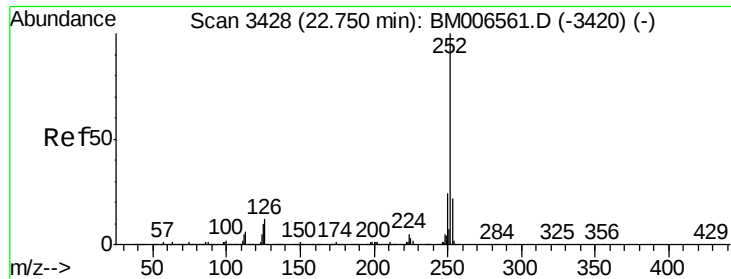


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

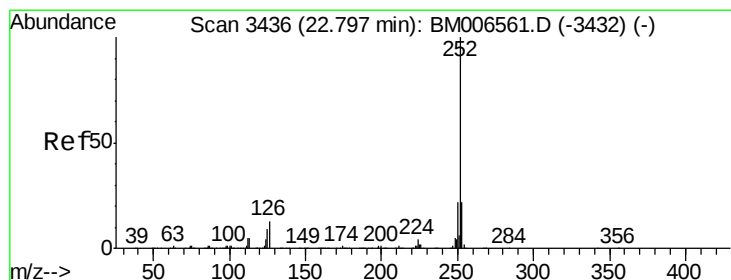
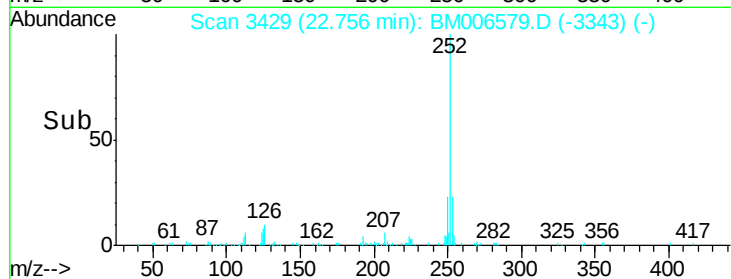
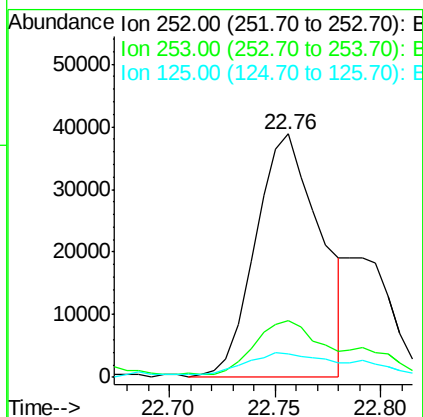
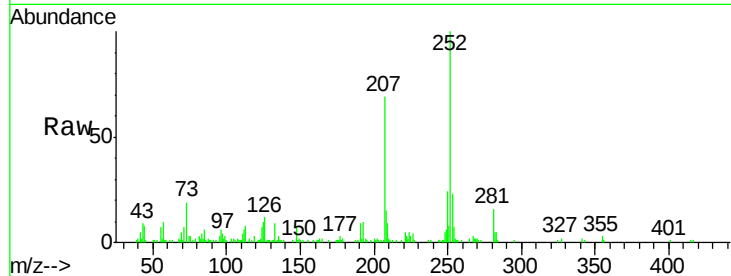




#35
Benzo(b)fluoranthene
Concen: 1.12 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.01 min
Lab File: BM006579.D
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	9.7	7.6	11.4



#36
Benzo(k)fluoranthene
Concen: 1.16 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006579.D
Acq: 21 Jul 2016 06:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	9.7	7.7	11.5

