

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006789.D
 Acq On : 31 Jul 2016 14:57
 Operator : UM/SJ
 Sample : H4190-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZN1

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:06:35 PM

Quant Time: Aug 01 07:18:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 01 06:36:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	167141	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	747415	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	424976	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	979504	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1092526	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1132382	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	9106	2.20	ng/uL	0.00
3) Phenol-d5	6.79	99	344262	24.21	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	240036	27.25	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	288738	25.41	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	228863	20.75	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	149819	26.48	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	158526	26.35	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	284500	25.02	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	293433	23.43	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	880661	26.43	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	1160896	27.30	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	97553	16.86	ng/ul	0.00
21) Fluorene-d10	15.26	176	812799	27.27	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	90596	17.82	ng/ul	0.00
26) Anthracene-d10	17.11	188	1218742	26.20	ng/ul	0.00
30) Pyrene-d10	19.41	212	1402095	28.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1374962	26.40	ng/ul	0.00

Target Compounds					Qvalue
28) Fluoranthene	19.07	202	94756m	1.46 ng/ul	
31) Pyrene	19.44	202	81406	1.23 ng/ul	98
33) Chrysene	21.24	228	68989	1.13 ng/ul	96
35) Benzo(b)fluoranthene	22.75	252	88709	1.31 ng/ul	95

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

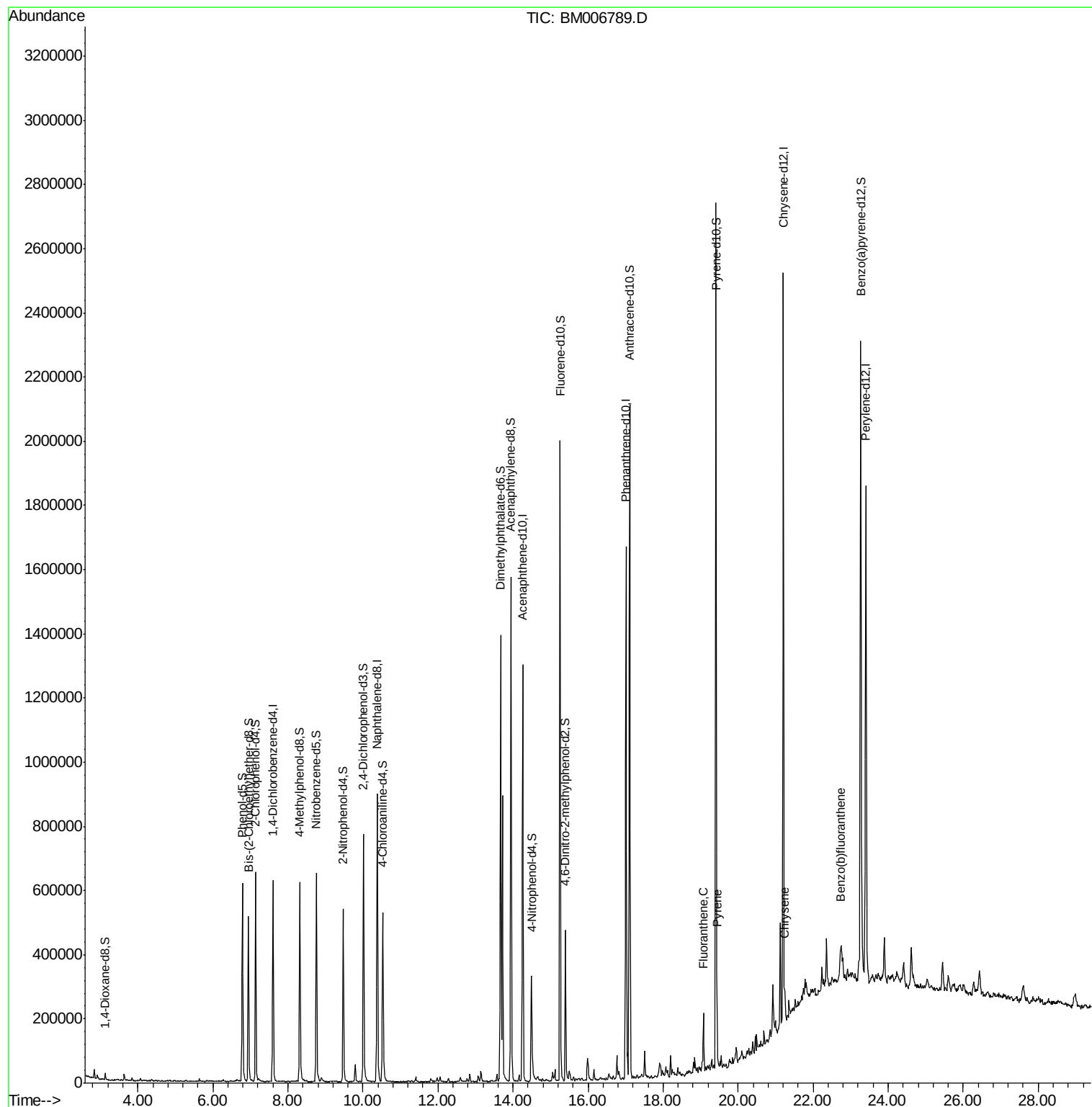
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006789.D
Acq On : 31 Jul 2016 14:57
Operator : UM/SJ
Sample : H4190-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

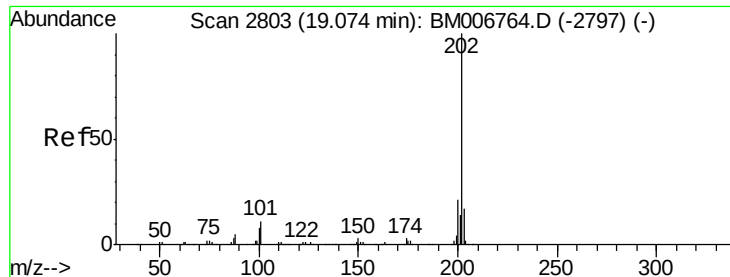
Instrument :
BNA_M
ClientSampleId :
D9ZN1

Quant Time: Aug 01 07:18:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 01 06:36:47 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
8/1/2016 7:06:35 PM





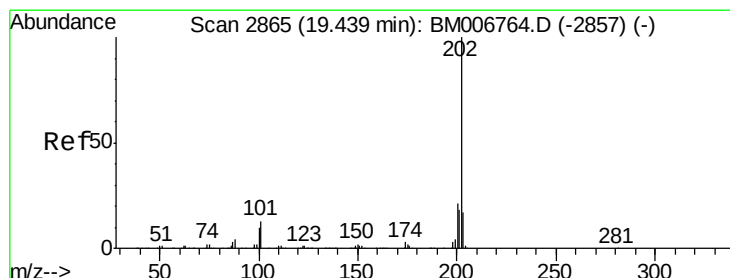
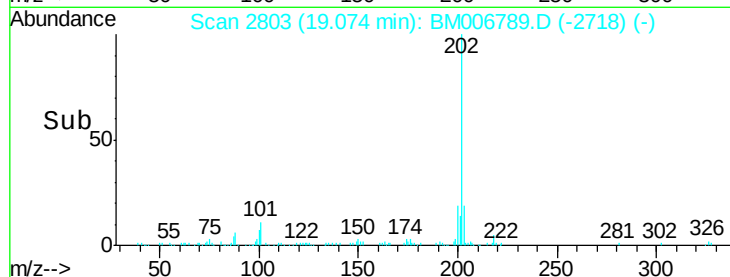
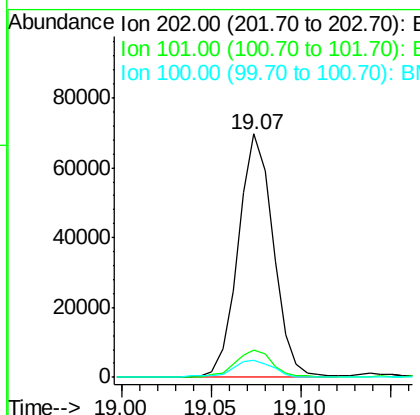
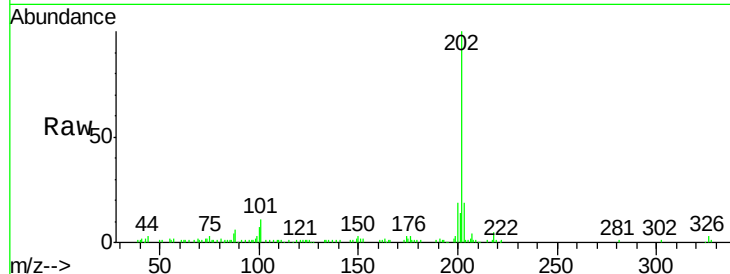
#28
Fluoranthene
Concen: 1.46 ng/ul m
RT: 19.07 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BM006789.D
Acq: 31 Jul 2016 14:57

Instrument :
BNA_M
ClientSampleId :
D9ZN1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	8.9	13.3
100	6.8	7.0	10.4

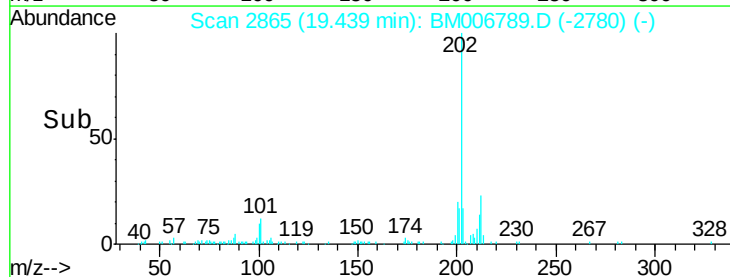
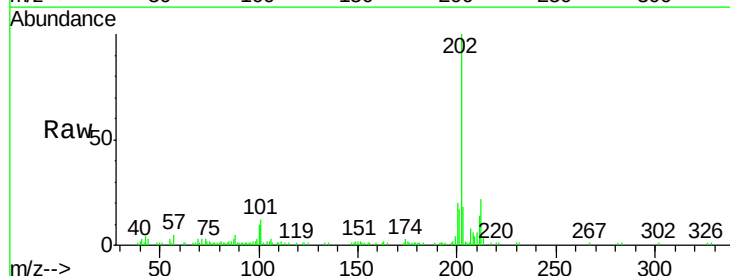
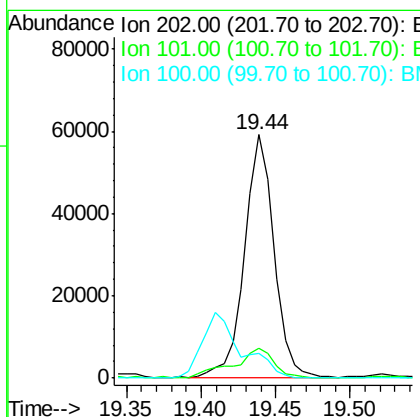
Manual Integrations
APPROVED

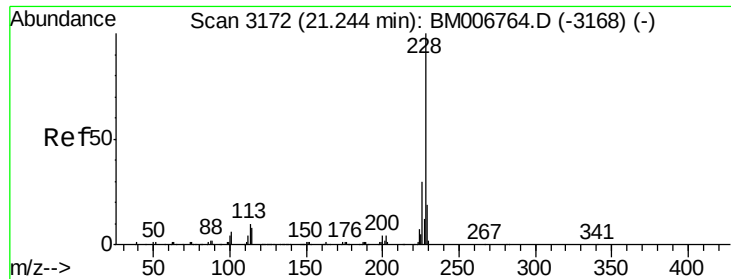
sohil
8/1/2016 7:06:35 PM



#31
Pyrene
Concen: 1.23 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BM006789.D
Acq: 31 Jul 2016 14:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	9.8	14.8
100	10.4	9.3	13.9





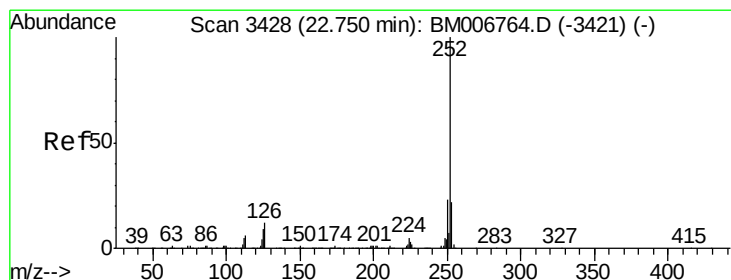
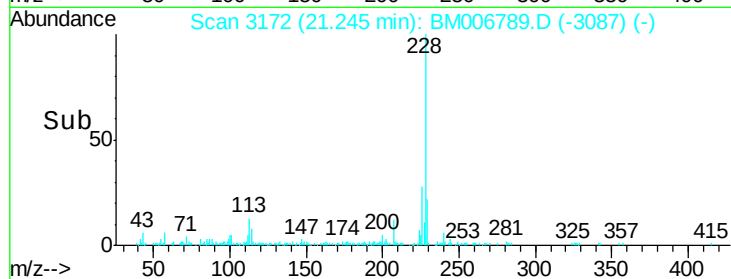
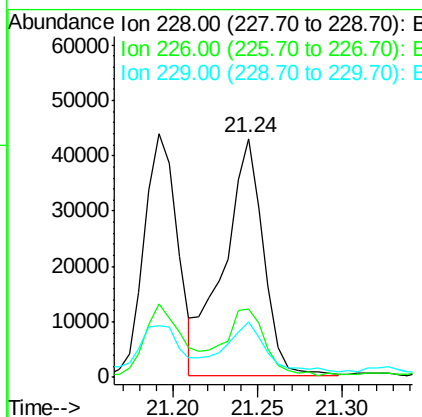
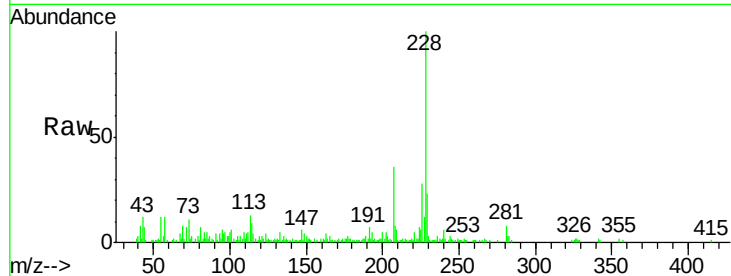
#33
Chrysene
 Concen: 1.13 ng/ul
 RT: 21.24 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: BM006789.D
 Acq: 31 Jul 2016 14:57

Instrument :
 BNA_M
 ClientSampleId :
 D9ZN1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	68989		
226	28.4		23.4	35.2
229	23.2		16.2	24.2

Manual Integrations
APPROVED

sohil
 8/1/2016 7:06:35 PM



#35
Benzo(b)fluoranthene
 Concen: 1.31 ng/ul
 RT: 22.75 min Scan# 3428
 Delta R.T. 0.00 min
 Lab File: BM006789.D
 Acq: 31 Jul 2016 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	88709		
253	25.1		18.1	27.1
125	10.7		7.6	11.4

