

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\
 Data File : BM004391.D
 Acq On : 24 Feb 2016 18:44
 Operator : SJ/UM
 Sample : H1515-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S16-0312

Manual Integrations
 APPROVED

UMANGI
 2/25/2016 2:43:40 PM

Quant Time: Feb 25 02:28:13 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 25 02:09:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	25823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	127731	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	81049	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	187364	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	194688	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	141056	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2413	4.92	ng/uL	0.00
5) Phenol-d5	6.81	99	55834	25.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	31456	28.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	52573	28.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	43059	22.25	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	27278	28.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	31128	28.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	53556	26.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	58022m	23.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	186421	26.82	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	233567	28.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	20851m	18.66	ng/ul	0.00
58) Fluorene-d10	15.28	176	169332	28.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	19998	17.37	ng/ul	0.00
71) Anthracene-d10	17.14	188	263838	28.74	ng/ul	0.00
79) Pyrene-d10	19.44	212	301548	32.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	221329	29.90	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.75	163	43772	6.04	ng/ul 100
77) Fluoranthene	19.11	202	17960	1.41	ng/ul 99
80) Pyrene	19.47	202	18093	1.42	ng/ul 99
88) Benzo(b)fluoranthene	22.82	252	12872	1.35	ng/ul# 83

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

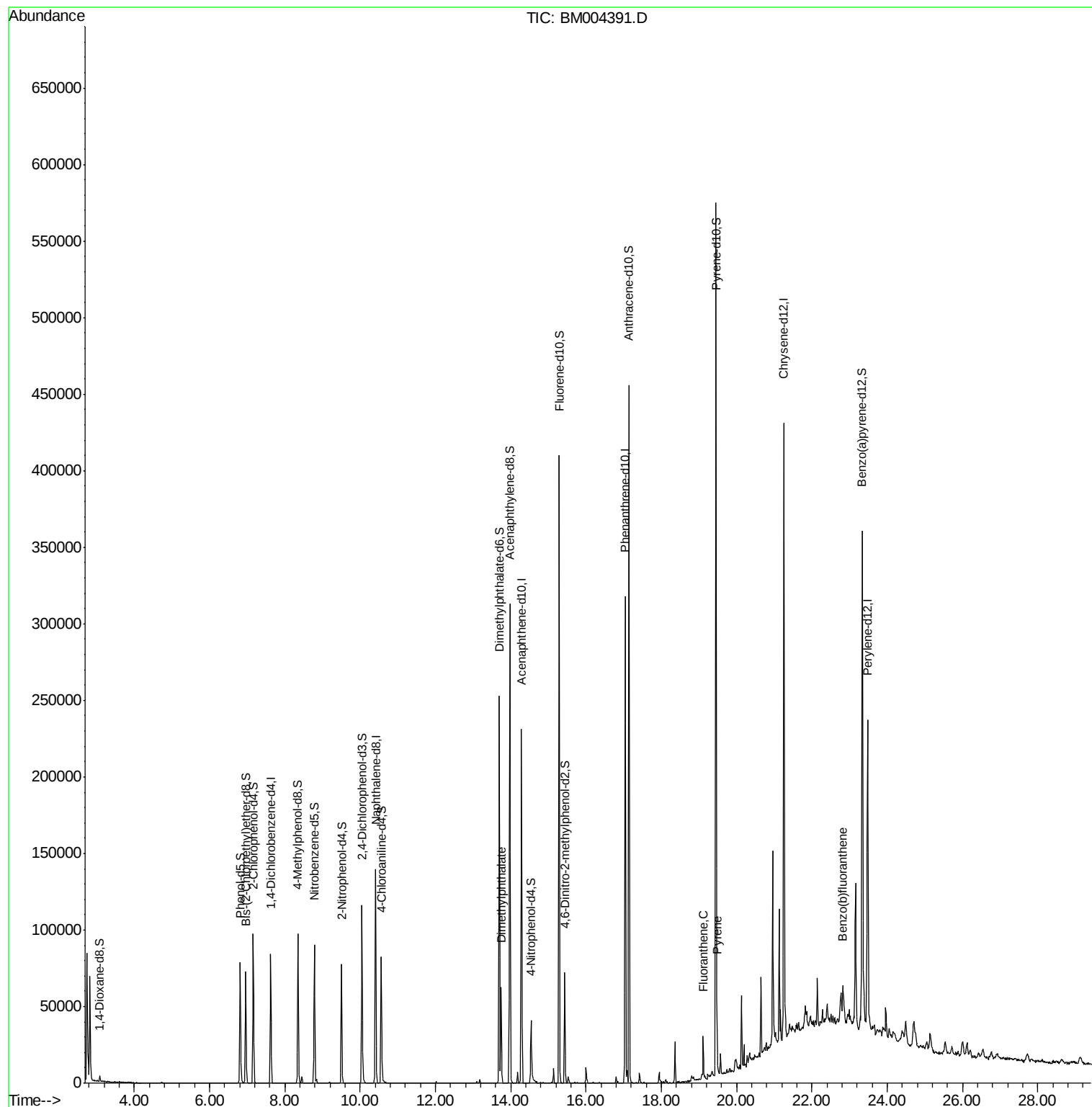
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\
Data File : BM004391.D
Acq On : 24 Feb 2016 18:44
Operator : SJ/UM
Sample : H1515-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

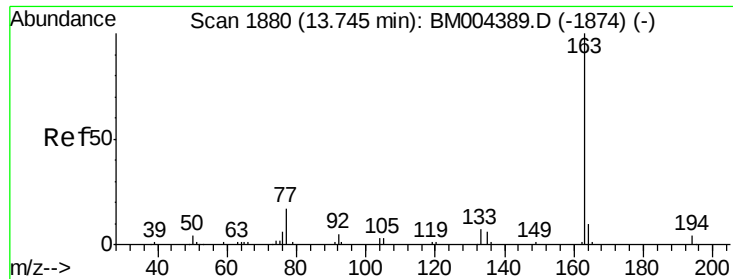
Instrument :
BNA_M
ClientSampleId :
0311-S16-0312

Manual Integrations
APPROVED

UMANGI
2/25/2016 2:43:40 PM

Quant Time: Feb 25 02:28:13 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 25 02:09:59 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.04 ng/ul

RT: 13.75 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BM004391.D

Acq: 24 Feb 2016 18:44

Instrument :

BNA_M

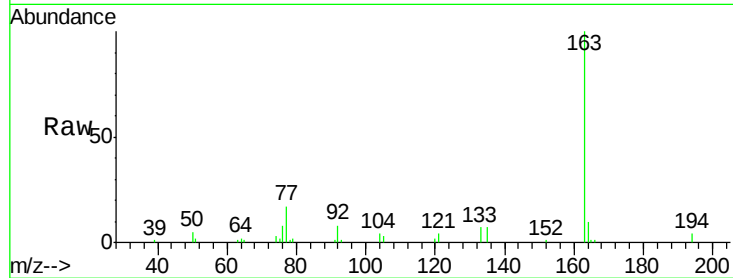
ClientSampleId :

0311-S16-0312

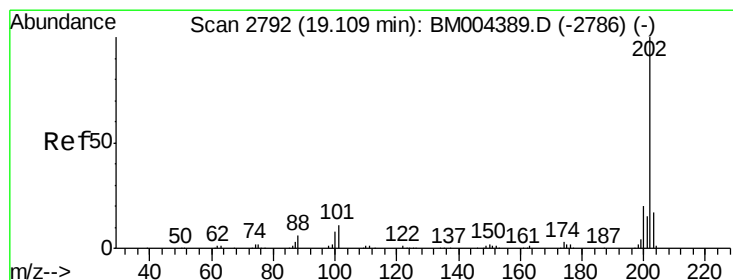
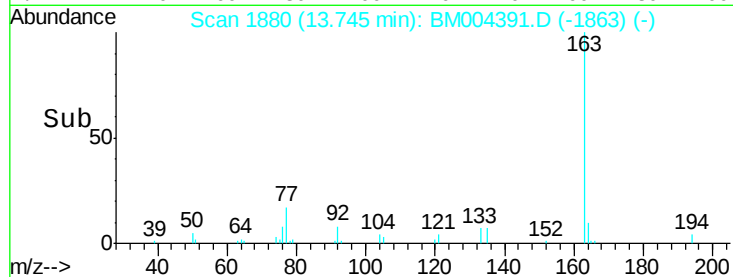
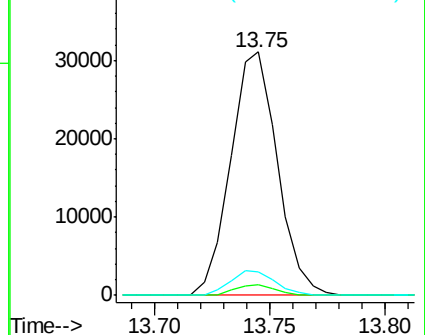
Tot Ion:	163	Resp:	43772
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	9.7	7.8	11.8

Manual Integrations
APPROVED

UMANGI
2/25/2016 2:43:40 PM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#77

Fluoranthene

Concen: 1.41 ng/ul

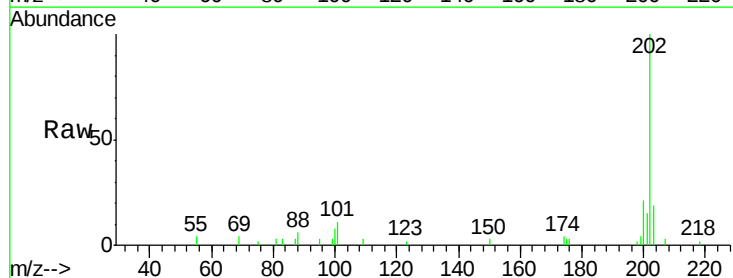
RT: 19.11 min Scan# 2792

Delta R.T. 0.00 min

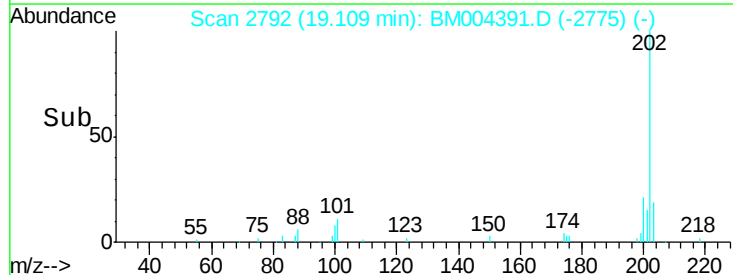
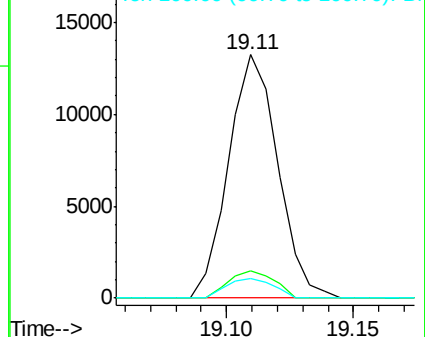
Lab File: BM004391.D

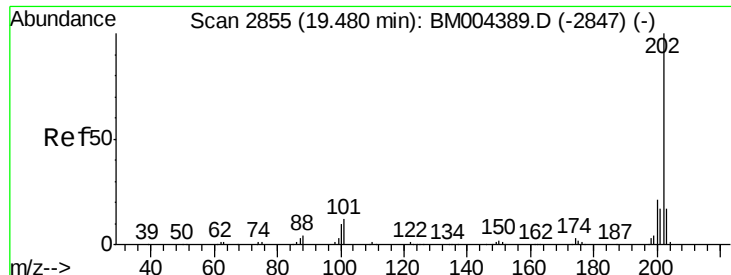
Acq: 24 Feb 2016 18:44

Tgt Ion:	202	Resp:	17960
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.8	13.2
100	7.9	6.6	9.8



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





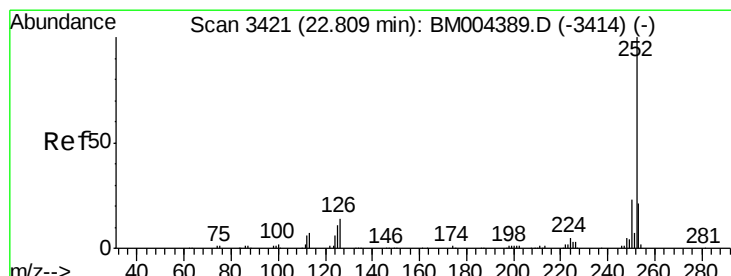
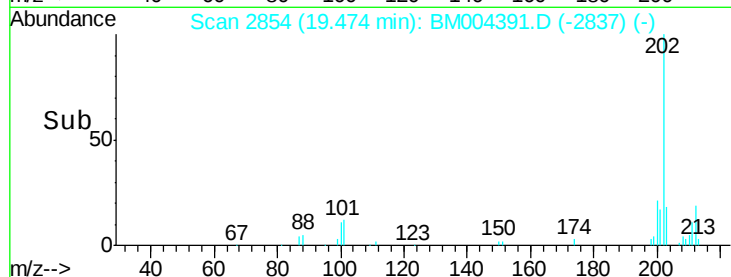
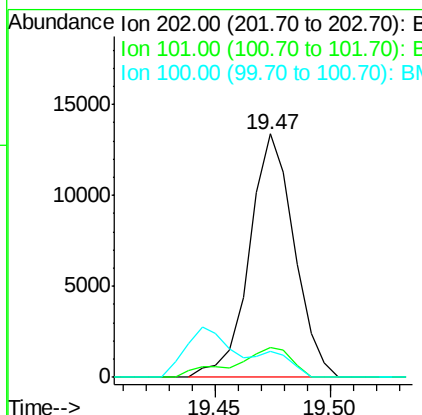
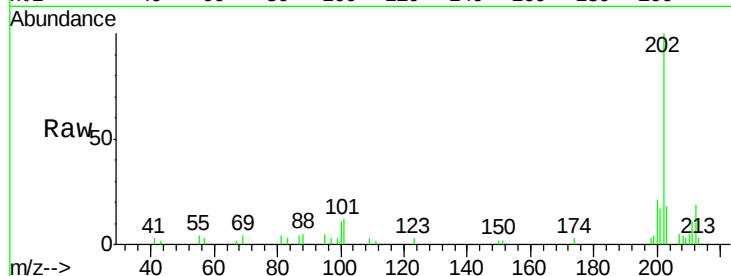
#80
Pvrene
Concen: 1.42 ng/ul
RT: 19.47 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BM004391.D
Acq: 24 Feb 2016 18:44

Instrument :
BNA_M
ClientSampleId :
0311-S16-0312

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.2	15.2
100	10.8	8.5	12.7

Manual Integrations
APPROVED

UMANGI
2/25/2016 2:43:40 PM



#88
Benzo(b)fluoranthene
Concen: 1.35 ng/ul
RT: 22.82 min Scan# 3422
Delta R.T. 0.01 min
Lab File: BM004391.D
Acq: 24 Feb 2016 18:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.5	26.3
125	22.8	8.5	12.7#

