

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
 Data File : BM003973.D
 Acq On : 13 Jan 2016 02:42
 Operator : SJ/UM
 Sample : H1095-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC943

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:28:44 PM

Quant Time: Jan 13 07:00:23 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	37221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	181273	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	112257	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	259483	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	287728	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	249590	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.13	96	3020	3.63	ng/uL	0.00
5) Phenol-d5	6.85	99	63952	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	42856	24.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	56377	22.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	44218	17.66	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	27708	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	30322	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	53559	20.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	70930	20.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	203392	23.08	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	244964	22.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	23519	14.86	ng/ul	0.00
58) Fluorene-d10	15.32	176	183526	24.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	22655	15.48	ng/ul	0.00
71) Anthracene-d10	17.17	188	291157	24.26	ng/ul	0.00
79) Pyrene-d10	19.47	212	342522	22.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	315853	25.34	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.78	163	124745	13.88	ng/ul	100
70) Phenanthrene	17.11	178	29877	2.05	ng/ul	99
77) Fluoranthene	19.14	202	87506	5.77	ng/ul	99
80) Pyrene	19.50	202	98170	5.03	ng/ul	98
83) Benzo(a)anthracene	21.26	228	62647	3.66	ng/ul	99
85) Chrysene	21.31	228	70185	4.31	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	75085	4.95	ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	25487m	1.77	ng/ul	
91) Benzo(a)pyrene	23.41	252	47588	3.31	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.76	276	22033	1.38	ng/ul	96
94) Benzo(g,h,i)perylene	26.44	276	20487	1.53	ng/ul	98

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

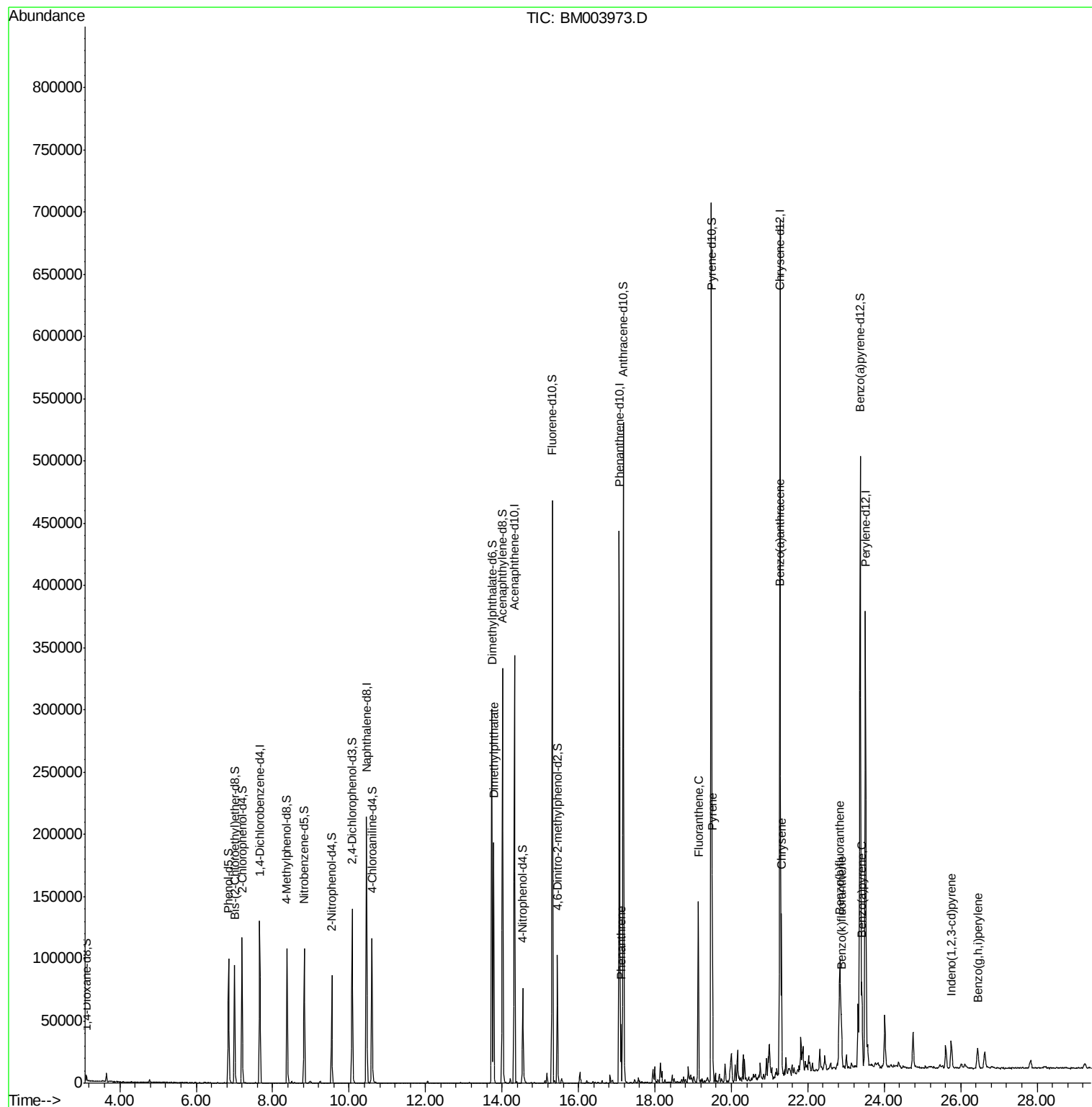
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003973.D
Acq On : 13 Jan 2016 02:42
Operator : SJ/UM
Sample : H1095-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

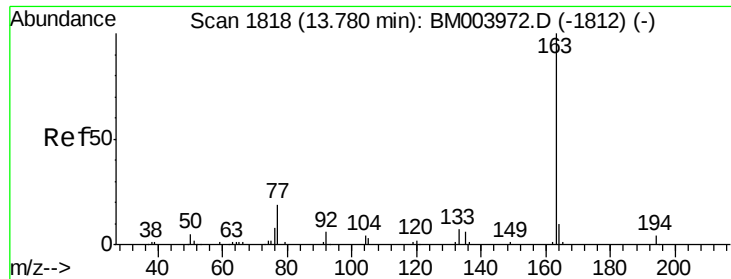
Instrument :
BNA_M
ClientSampleId :
BC943

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:28:44 PM

Quant Time: Jan 13 07:00:23 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration





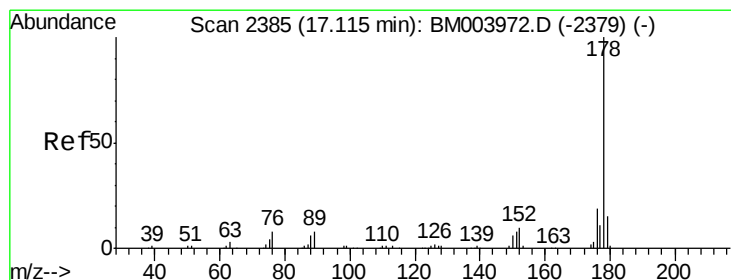
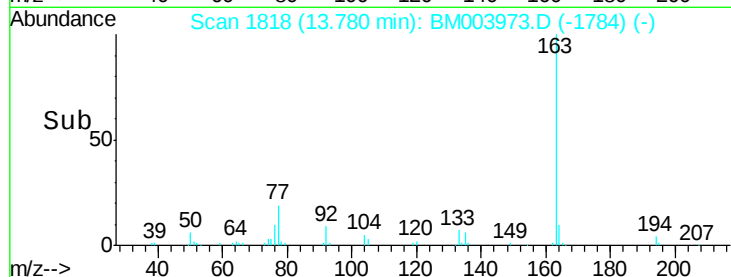
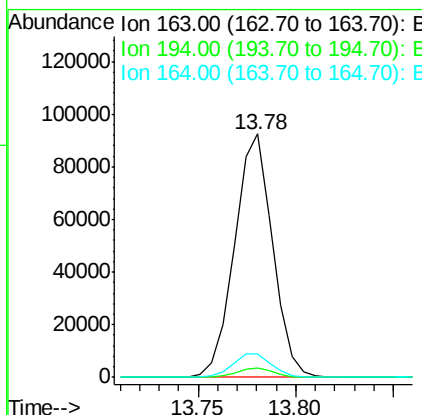
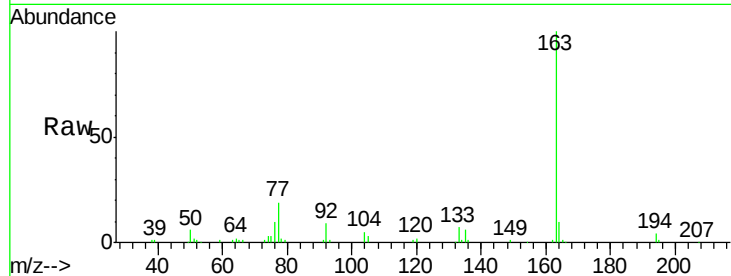
#45
Dimethylphthalate
Concen: 13.88 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM003973.D
Acq: 13 Jan 2016 02:42

Instrument :
BNA_M
ClientSampleId :
BC943

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	7.8	11.8

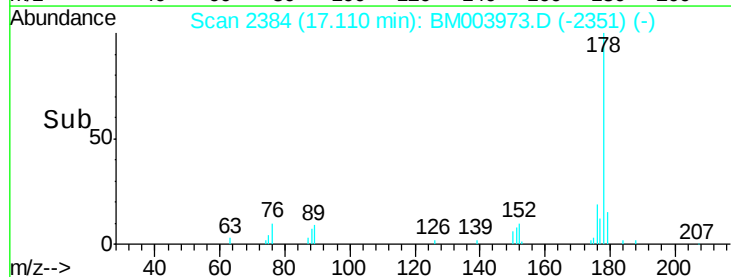
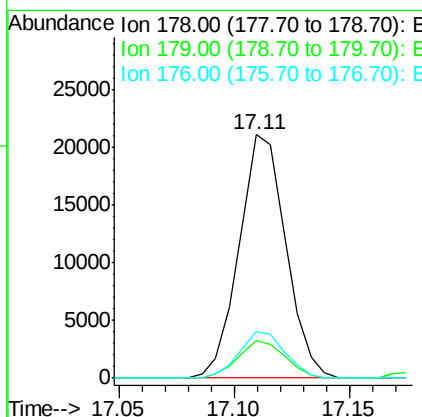
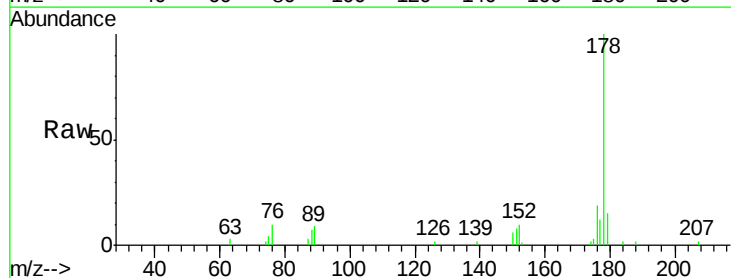
Manual Integrations
APPROVED

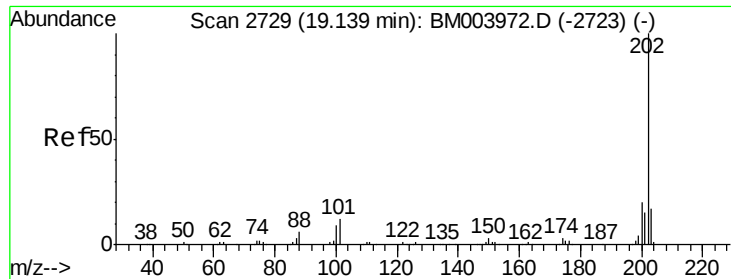
MMdadoda
1/13/2016 3:28:44 PM



#70
Phenanthrene
Concen: 2.05 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM003973.D
Acq: 13 Jan 2016 02:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.0	15.6	23.4





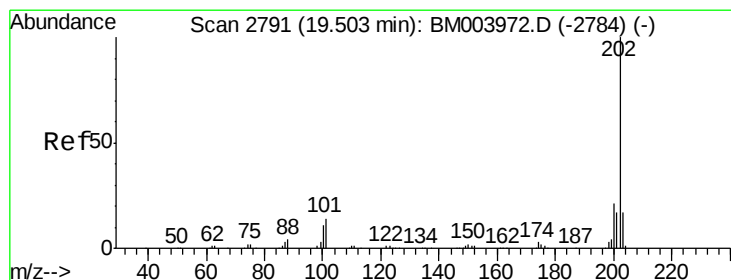
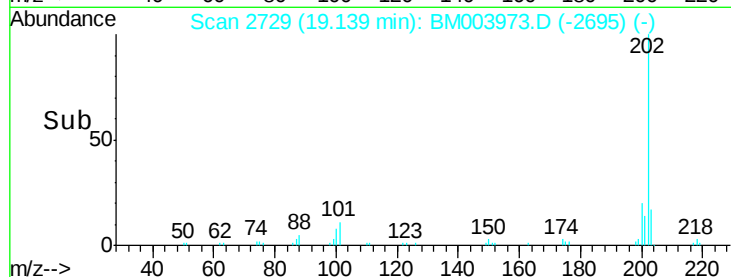
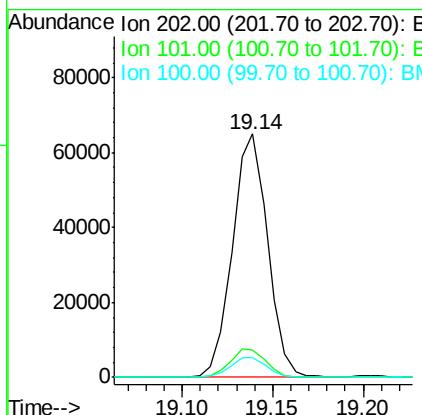
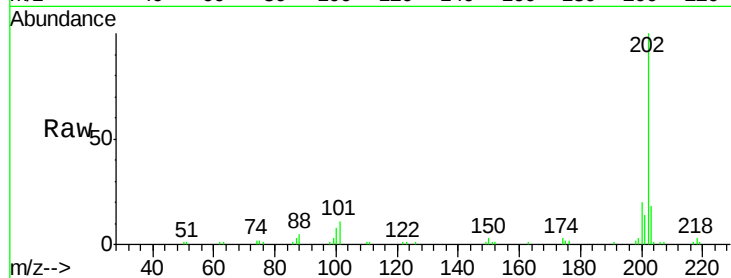
#77
Fluoranthene
Concen: 5.77 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM003973.D
Acq: 13 Jan 2016 02:42

Instrument :
BNA_M
ClientSampleId :
BC943

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.3	6.6	9.8

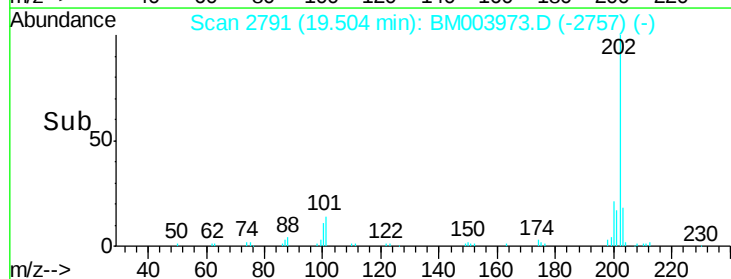
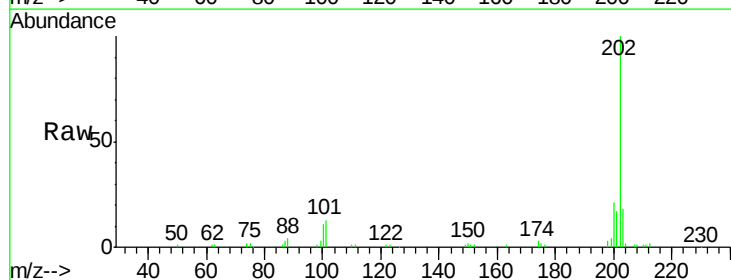
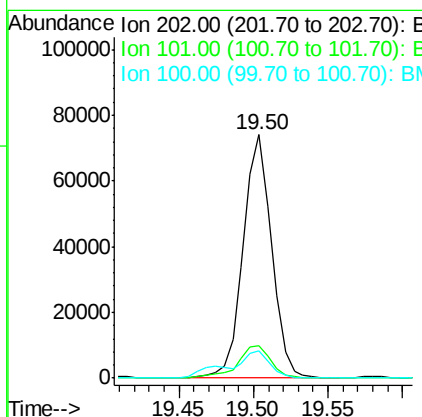
Manual Integrations
APPROVED

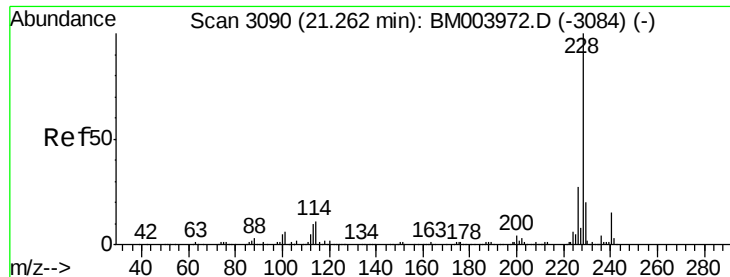
MMdadoda
1/13/2016 3:28:44 PM



#80
Pyrene
Concen: 5.03 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM003973.D
Acq: 13 Jan 2016 02:42

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	10.2	15.2
100	11.1	8.5	12.7





#83

Benzo(a)anthracene

Concen: 3.66 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM003973.D

Acq: 13 Jan 2016 02:42

Instrument :

BNA_M

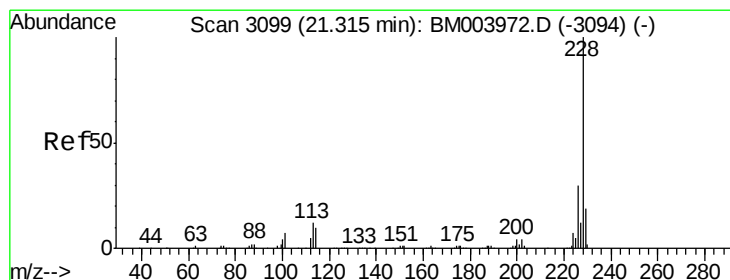
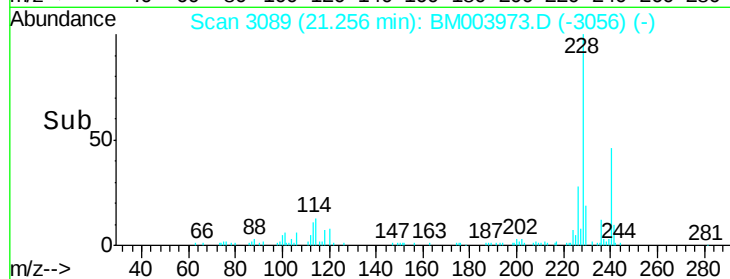
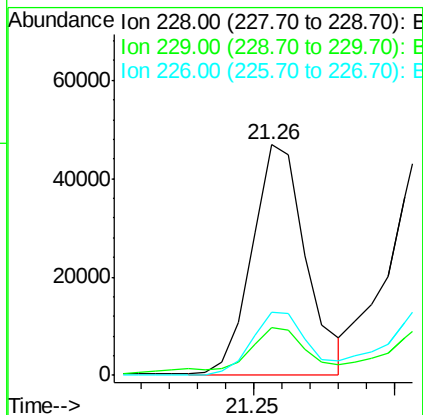
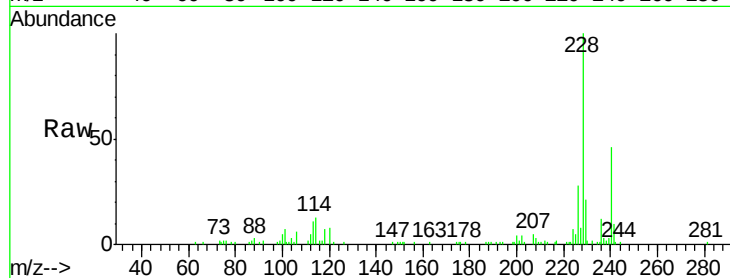
ClientSampled :

BC943

Tot Ion:	228	Resp:	62647
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.7	23.5
226	27.5	21.8	32.6

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:28:44 PM



#85

Chrysene

Concen: 4.31 ng/ul

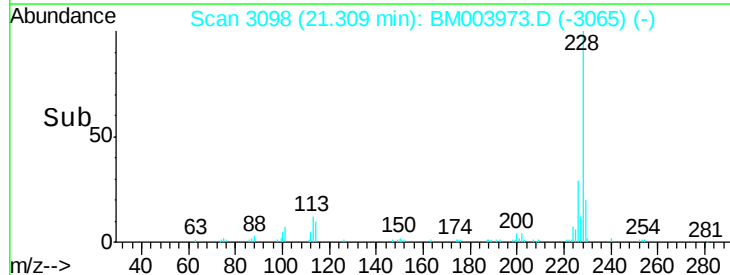
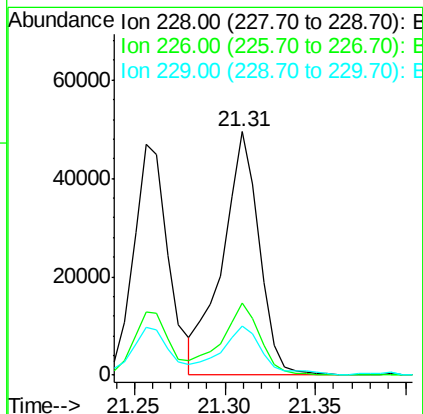
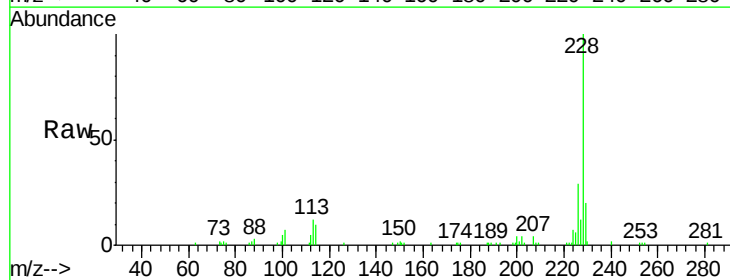
RT: 21.31 min Scan# 3098

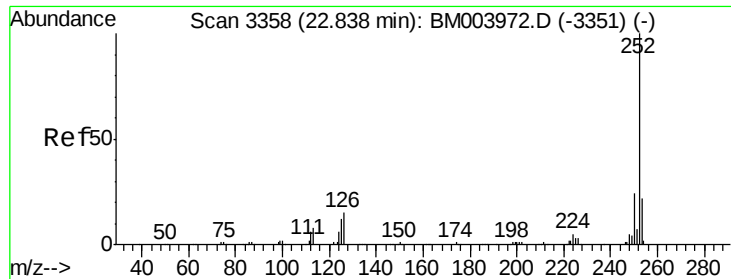
Delta R.T. -0.01 min

Lab File: BM003973.D

Acq: 13 Jan 2016 02:42

Tgt Ion:	228	Resp:	70185
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.0	36.0
229	20.3	15.6	23.4





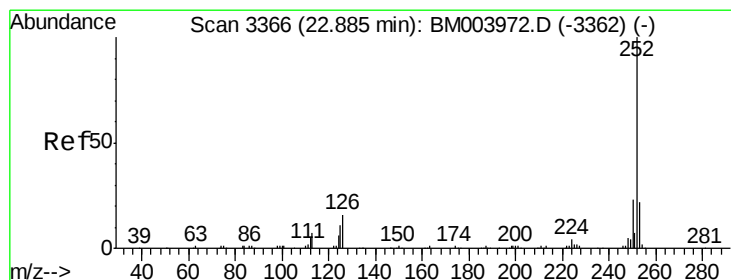
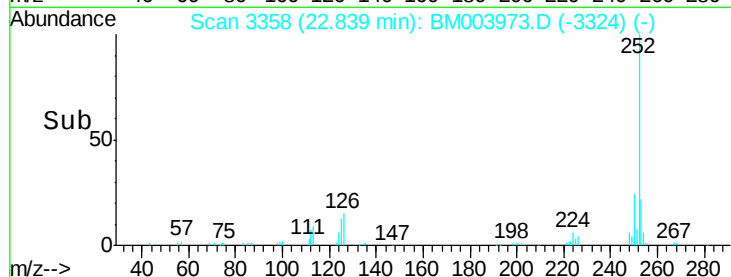
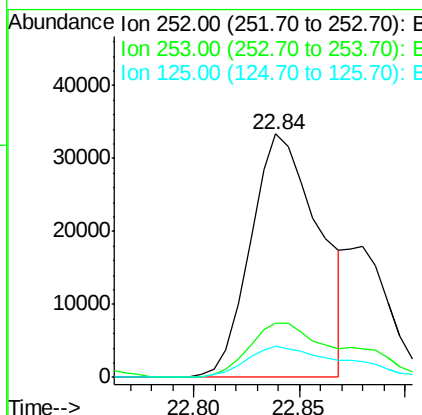
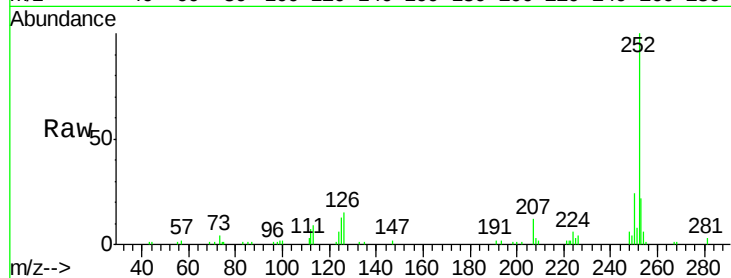
#88
Benzo(b)fluoranthene
Concen: 4.95 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BM003973.D
Acq: 13 Jan 2016 02:42

Instrument :
BNA_M
ClientSampled :
BC943

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.6	8.5	12.7

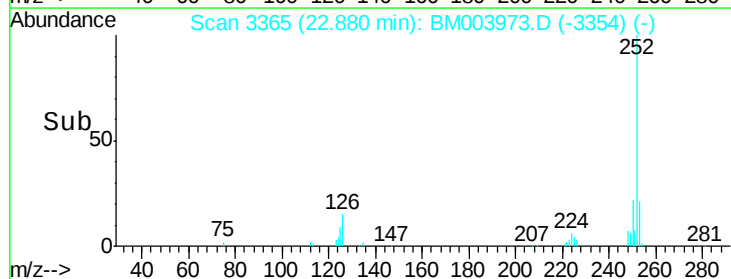
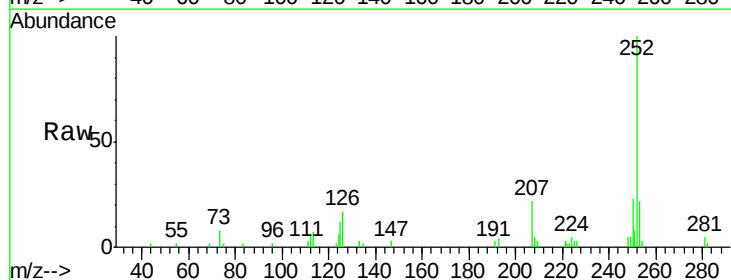
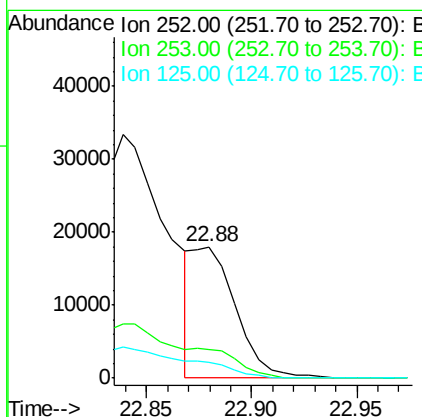
Manual Integrations
APPROVED

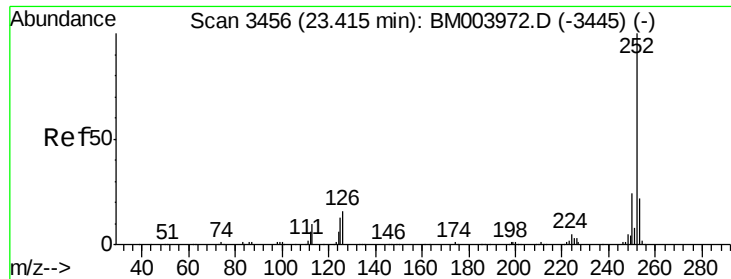
MMdadoda
1/13/2016 3:28:44 PM



#89
Benzo(k)fluoranthene
Concen: 1.77 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM003973.D
Acq: 13 Jan 2016 02:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.1	8.2	12.2





#91

Benzo(a)pyrene

Concen: 3.31 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM003973.D

Acq: 13 Jan 2016 02:42

Instrument :

BNA_M

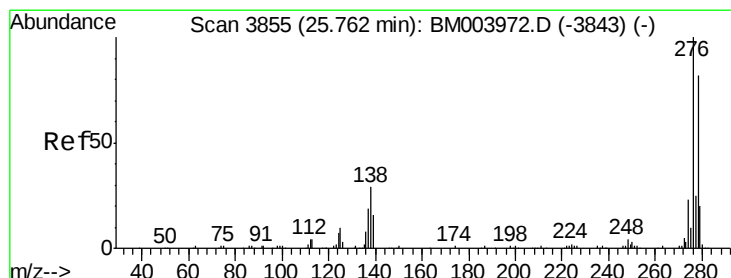
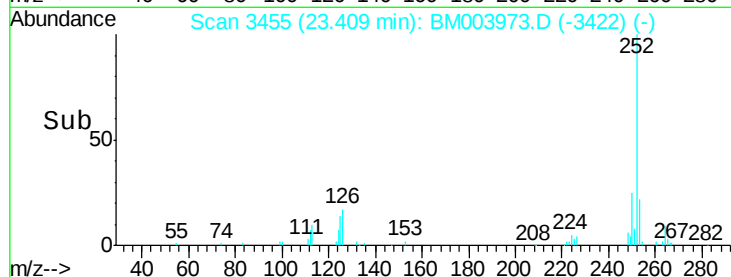
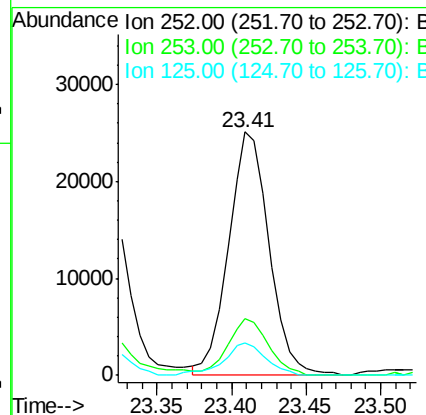
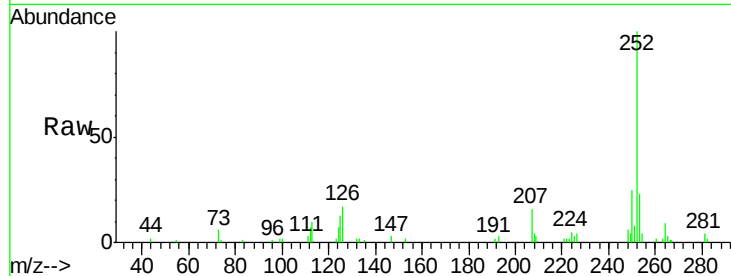
ClientSampleId :

BC943

Tot Ion:	252	Resp:	47588
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	13.5	9.0	13.6

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:28:44 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.38 ng/ul

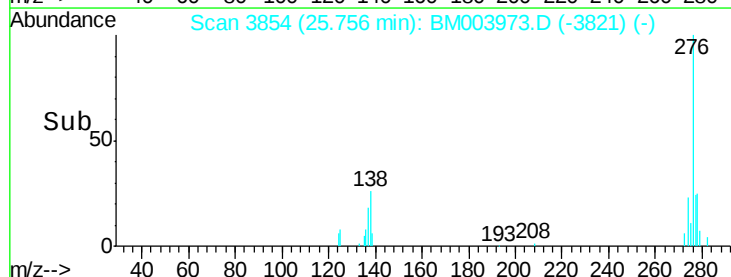
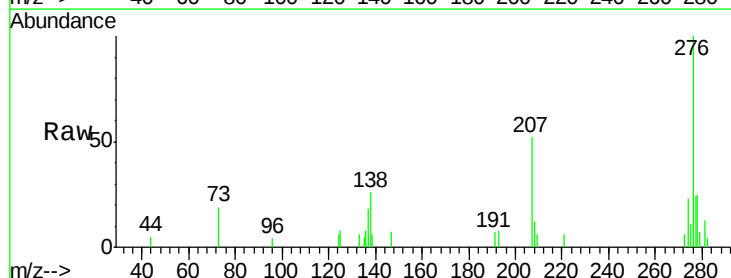
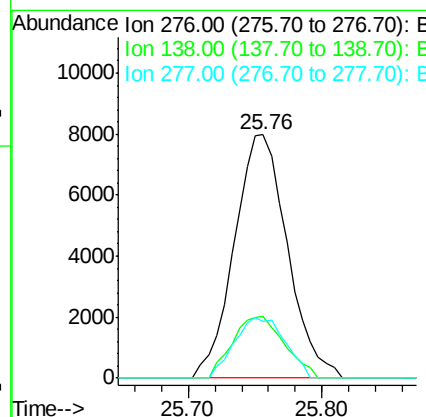
RT: 25.76 min Scan# 3854

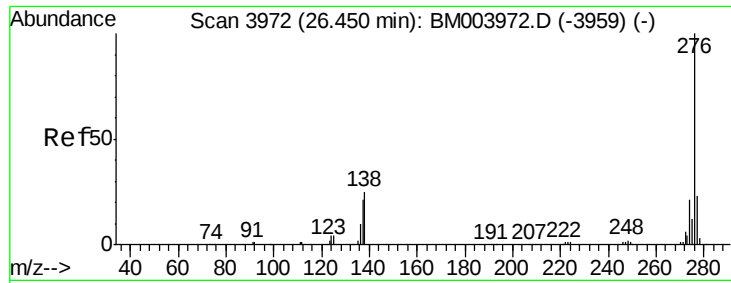
Delta R.T. -0.01 min

Lab File: BM003973.D

Acq: 13 Jan 2016 02:42

Tgt Ion:	276	Resp:	22033
Ion Ratio	Lower	Upper	
276	100		
138	25.6	22.3	33.5
277	23.5	20.2	30.2





#94
 Benzo(a,h,i)perylene
 Concen: 1.53 ng/ul
 RT: 26.44 min Scan# 3970
 Delta R.T. -0.01 min
 Lab File: BM003973.D
 Acq: 13 Jan 2016 02:42

Instrument :
 BNA_M
 ClientSampleId :
 BC943

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		20487		
138	24.7	18.9		28.3	
277	24.8	19.2		28.8	

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:28:44 PM

