

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002207.D
 Acq On : 03 Aug 2015 21:02
 Operator : TP/UM
 Sample : G3095-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

Manual Integrations
 APPROVED

MMDadoda
 8/6/2015 4:16:38 PM

Quant Time: Aug 04 05:12:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:31:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	69796	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	299165	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	193123	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	472095	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	499823	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	437010	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	1569	1.16	ng/uL	0.00
5) Phenol-d5	6.73	99	50266	10.07	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	26903	9.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	43019	10.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	40445	10.20	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	21223	9.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	23878	10.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	47611	10.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	39491	7.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	141696	10.02	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	178366	10.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	17206	7.29	ng/ul	0.02
58) Fluorene-d10	15.21	176	131400	10.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.06	188	212275	10.07	ng/ul	0.00
79) Pyrene-d10	19.37	212	236698	11.25	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	200215	9.45	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	13.67	163	85607	6.06	ng/ul	99
48) Acenaphthylene	13.93	152	36819	2.02	ng/ul	98
70) Phenanthrene	17.01	178	122880	5.03	ng/ul	99
72) Anthracene	17.10	178	89655	3.59	ng/ul	98
77) Fluoranthene	19.04	202	666350	23.60	ng/ul	99
80) Pyrene	19.40	202	680405	25.02	ng/ul	99
83) Benzo(a)anthracene	21.16	228	370463	13.37	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	20505	1.29	ng/ul#	98
85) Chrysene	21.22	228	494221	19.07	ng/ul	97
88) Benzo(b)fluoranthene	22.72	252	740062	30.14	ng/ul	98
89) Benzo(k)fluoranthene	22.75	252	189586m	8.00	ng/ul	
91) Benzo(a)pyrene	23.27	252	368719	15.56	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.57	276	277300	10.15	ng/ul	96
93) Dibenzo(a,h)anthracene	25.57	278	80036	3.42	ng/ul#	88
94) Benzo(g,h,i)perylene	26.25	276	247316	10.80	ng/ul	96

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

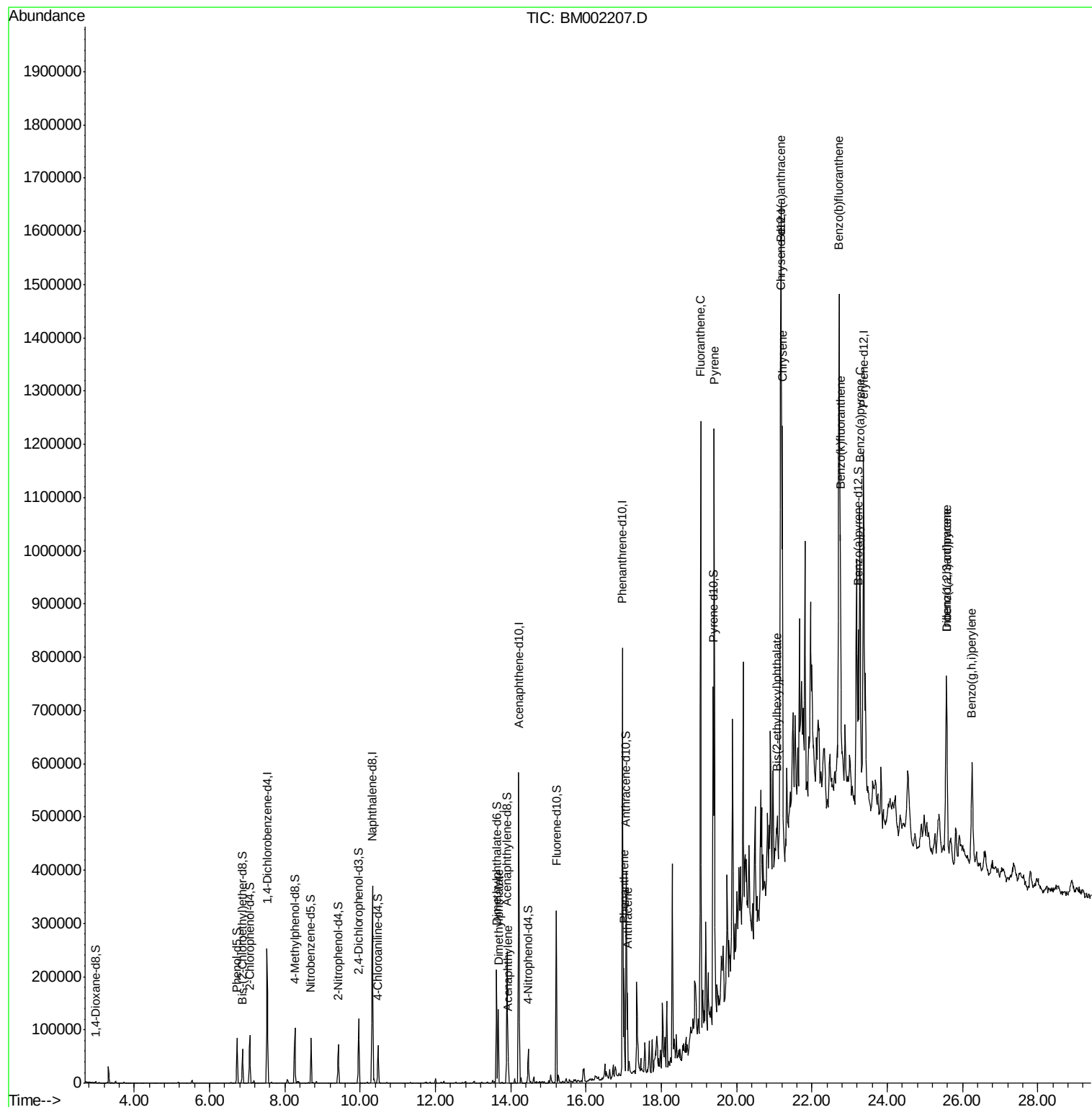
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002207.D
Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

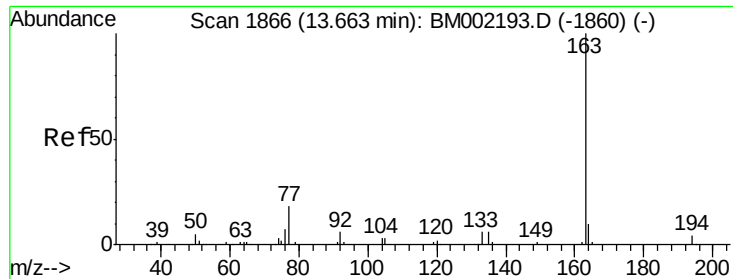
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Time: Aug 04 05:12:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/6/2015 4:16:38 PM





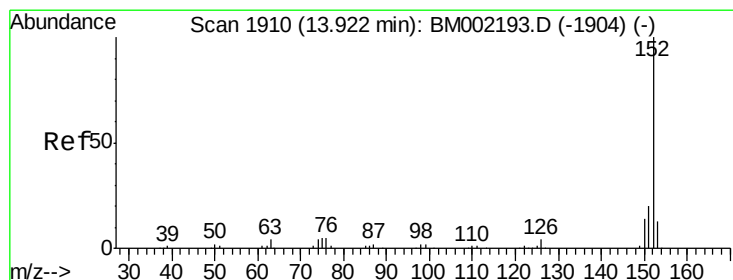
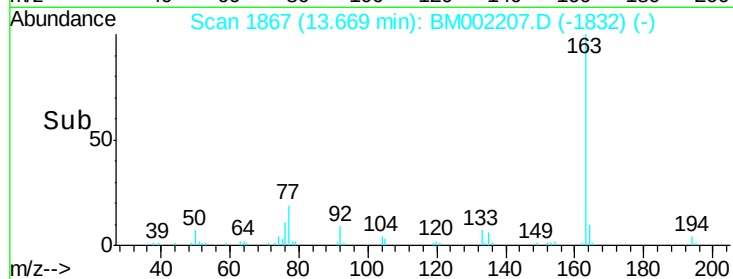
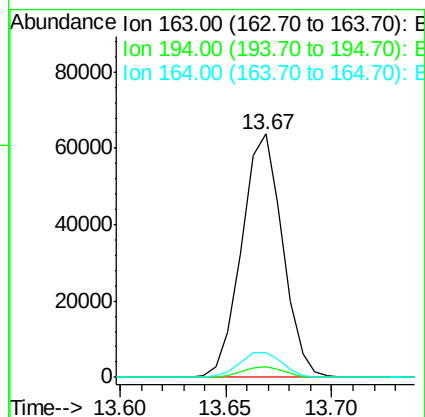
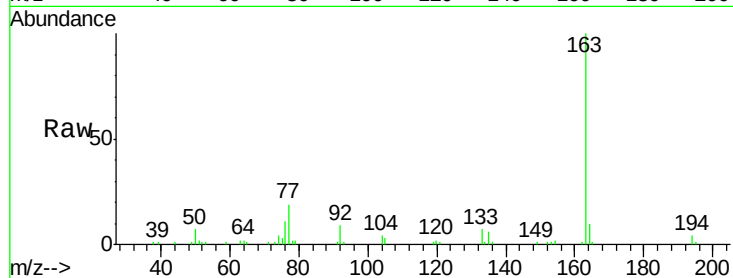
#45
Dimethylphthalate
Concen: 6.06 ng/ul
RT: 13.67 min Scan# 1867
Delta R.T. 0.01 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Instrument :
BNA_M
ClientSampleId :
C01M4

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.3	8.0	12.0

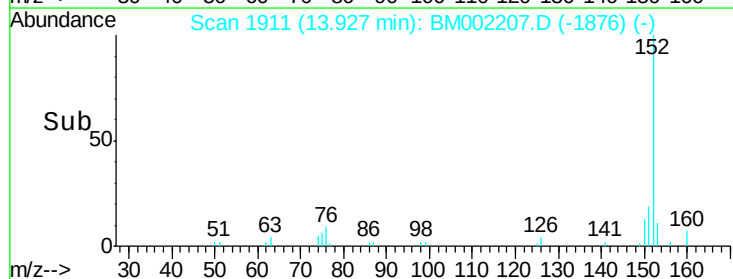
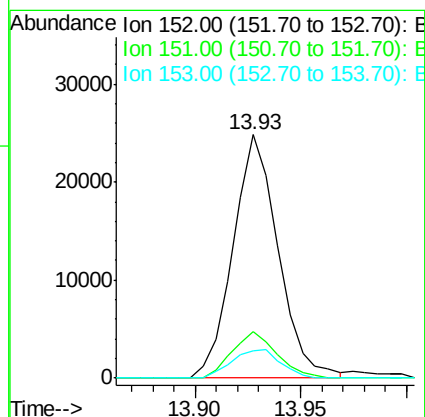
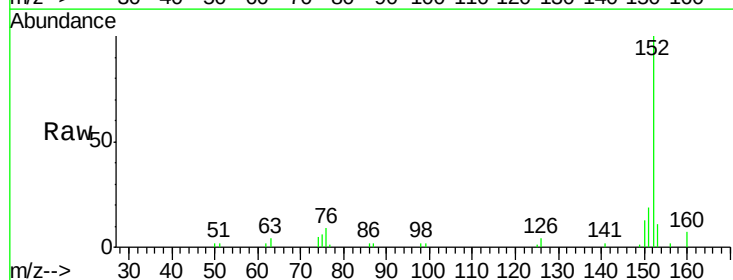
Manual Integrations
APPROVED

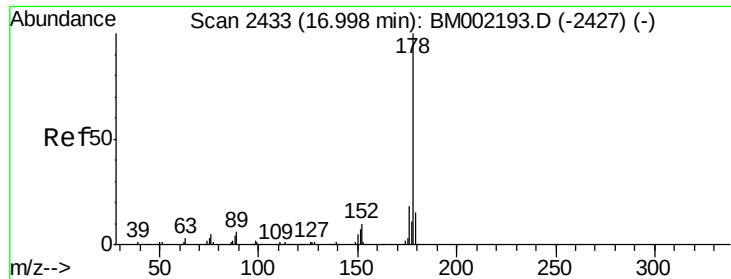
MMDadoda
8/6/2015 4:16:38 PM



#48
Acenaphthylene
Concen: 2.02 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.6	23.4
153	11.0	10.3	15.5





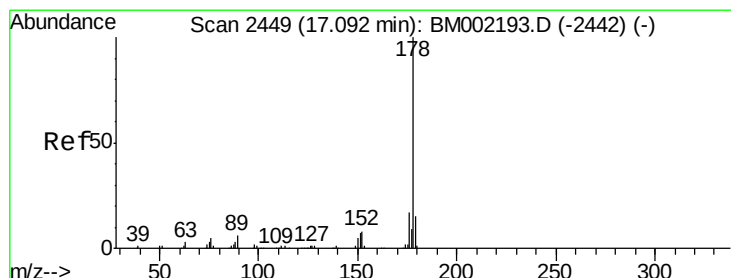
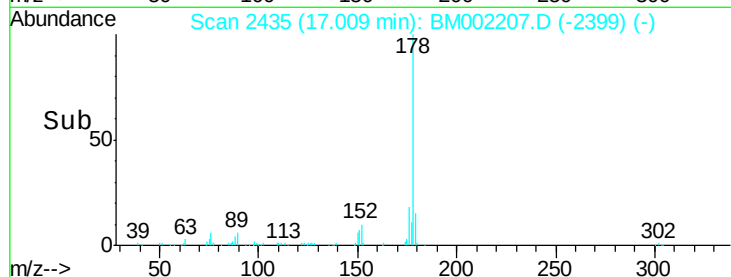
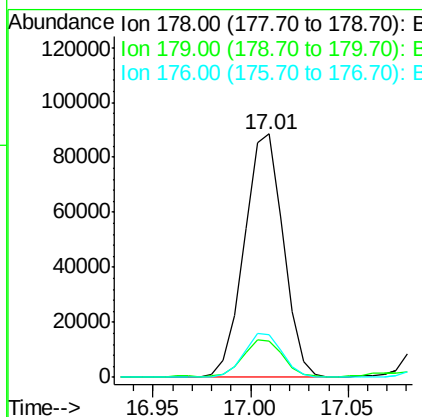
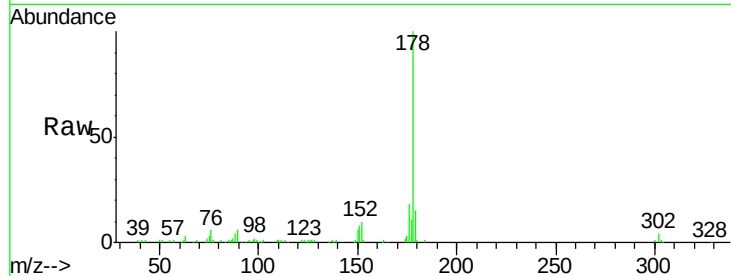
#70
Phenanthrene
Concen: 5.03 ng/ul
RT: 17.01 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Instrument :
BNA_M
ClientSampleId :
C01M4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.5	18.7
176	17.5	14.2	21.4

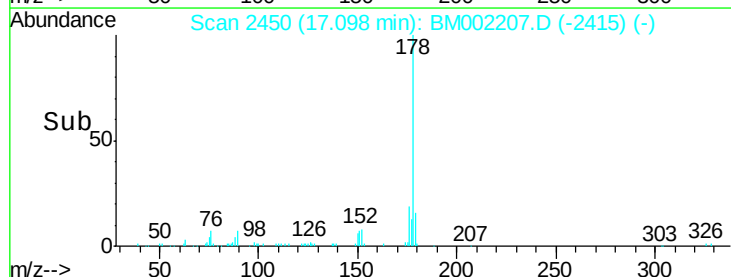
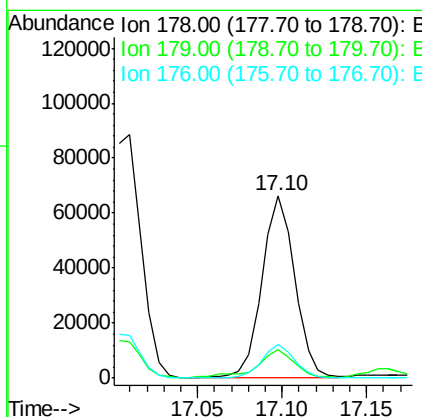
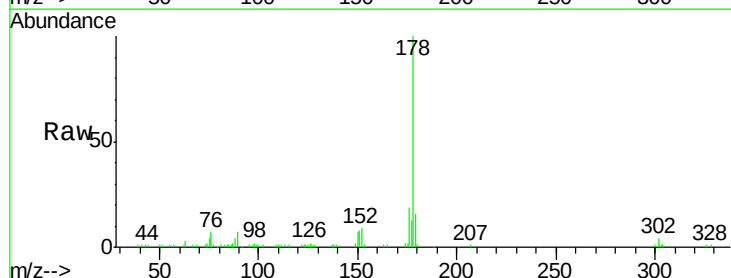
Manual Integrations
APPROVED

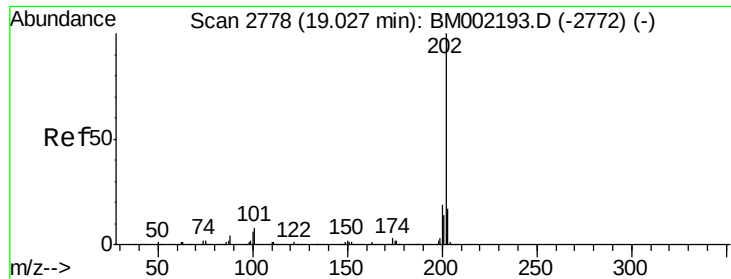
MMDadoda
8/6/2015 4:16:38 PM



#72
Anthracene
Concen: 3.59 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.8	14.1	21.1





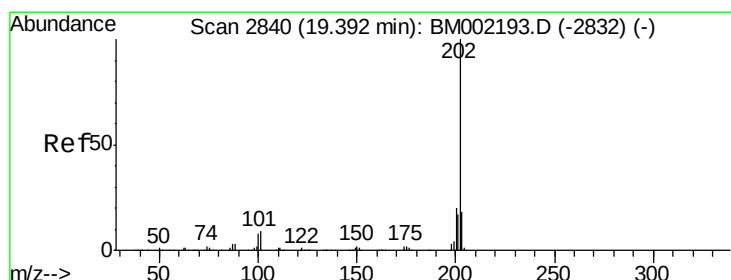
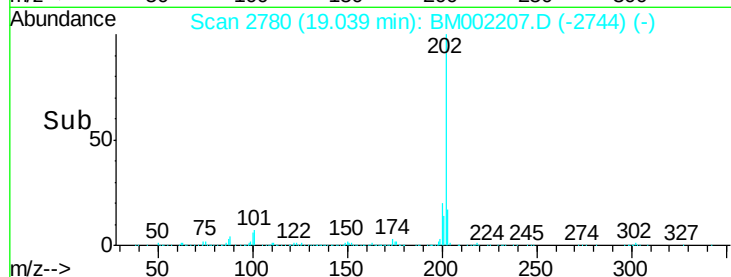
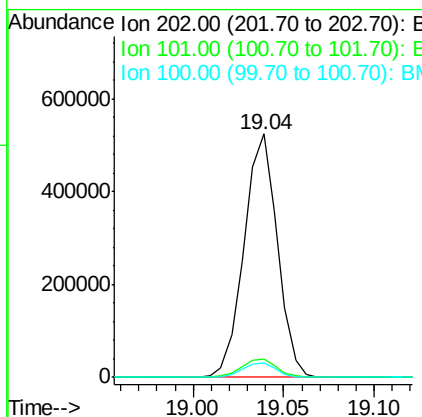
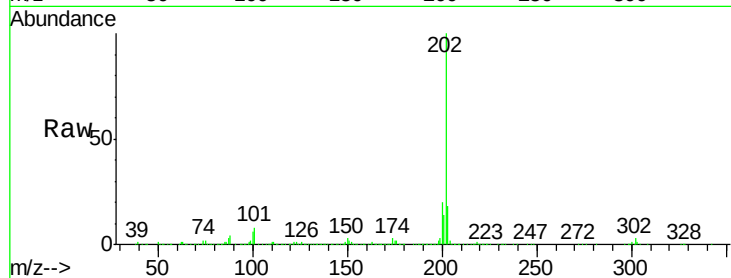
#77
Fluoranthene
Concen: 23.60 ng/ul
RT: 19.04 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Instrument :
BNA_M
ClientSampleId :
C01M4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.6	6.2	9.4
100	5.9	5.2	7.8

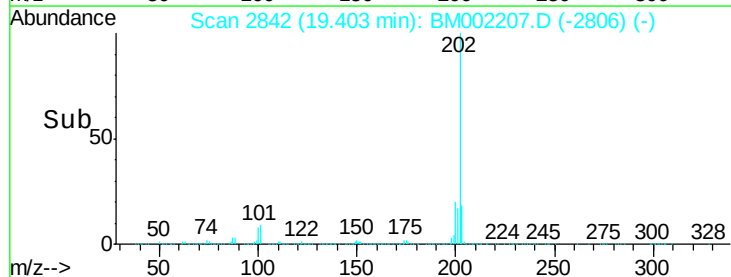
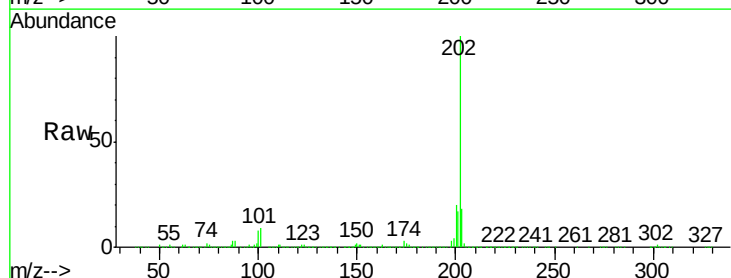
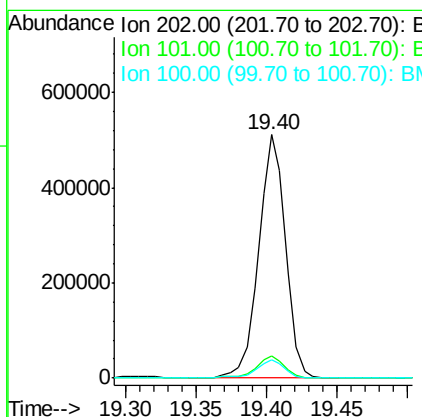
Manual Integrations
APPROVED

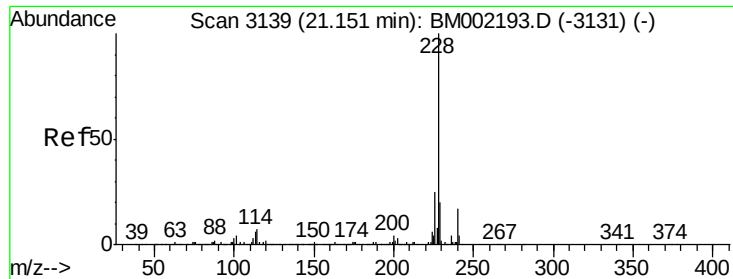
MMDadoda
8/6/2015 4:16:38 PM



#80
Pyrene
Concen: 25.02 ng/ul
RT: 19.40 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.9	7.4	11.2
100	7.6	6.3	9.5





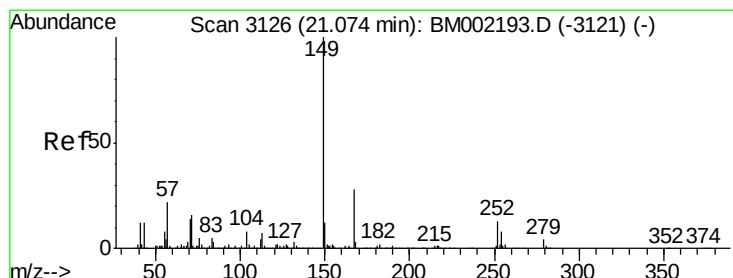
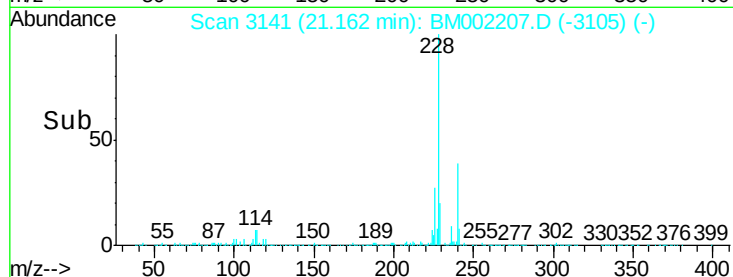
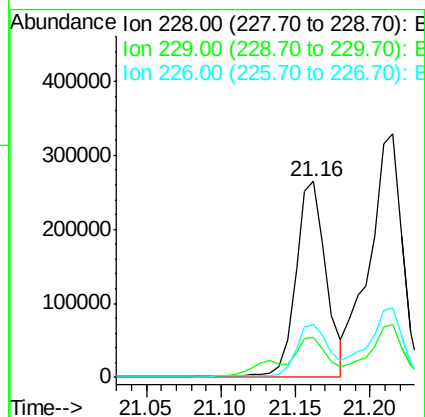
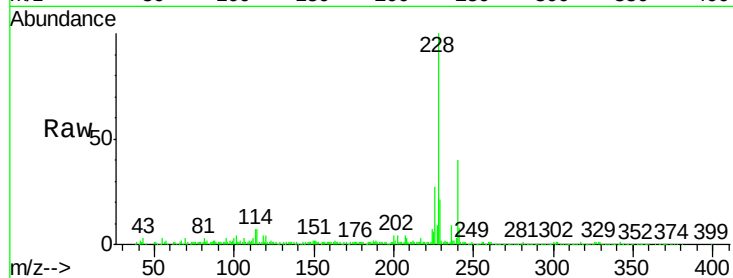
#83
Benzo(a)anthracene
Concen: 13.37 ng/ul
RT: 21.16 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Instrument :
BNA_M
ClientSampleId :
C01M4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	370463		
229	20.7	15.4	23.2	
226	27.3	20.5	30.7	

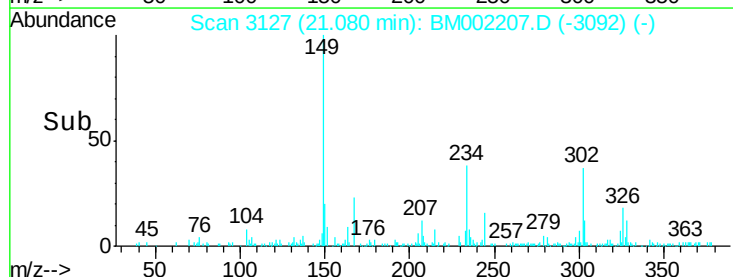
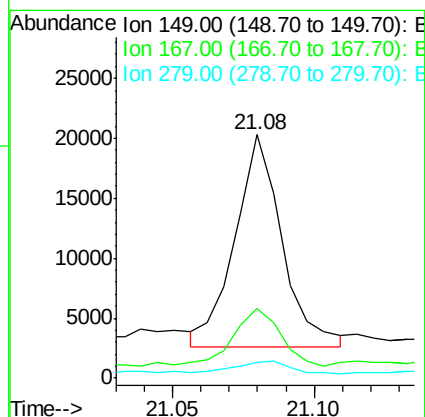
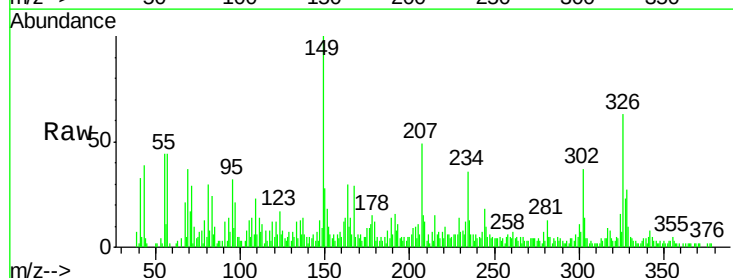
Manual Integrations
APPROVED

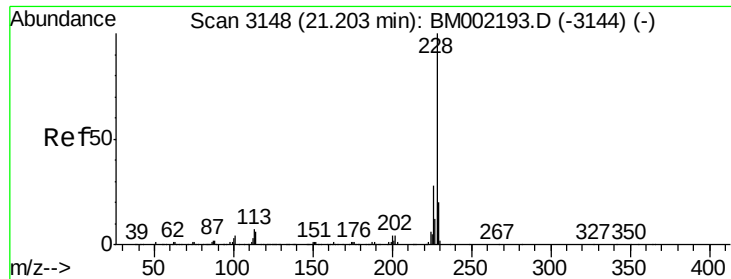
MMDadoda
8/6/2015 4:16:38 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.29 ng/ul
RT: 21.08 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	20505		
167	28.5	23.6	35.4	
279	6.6	4.2	6.4#	





#85

Chrysene

Concen: 19.07 ng/ul

RT: 21.22 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

Instrument :

BNA_M

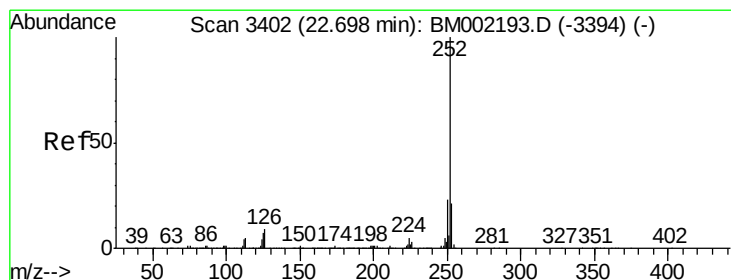
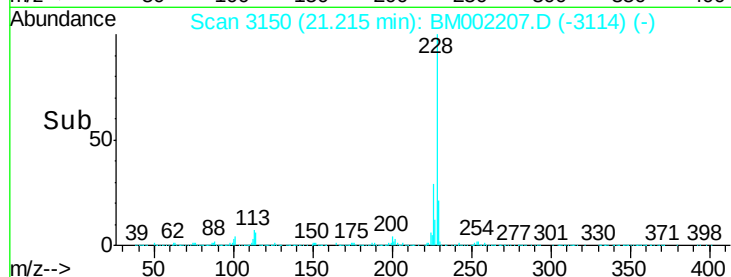
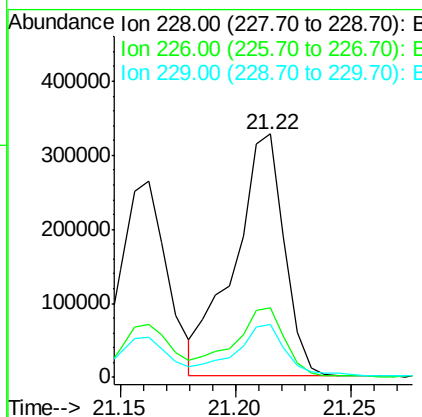
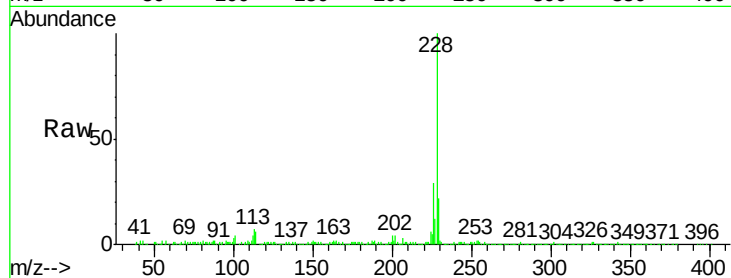
ClientSampleId :

C01M4

Tgt Ion:	228	Resp:	494221
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.3	33.5
229	21.9	15.5	23.3

Manual Integrations
APPROVED

MMDadoda
8/6/2015 4:16:38 PM



#88

Benzo(b)fluoranthene

Concen: 30.14 ng/ul

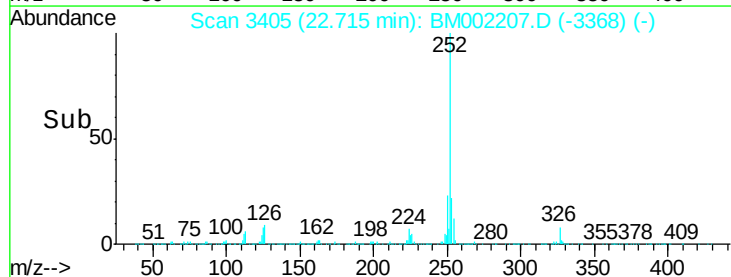
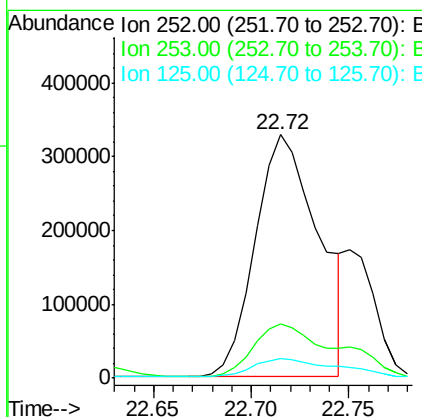
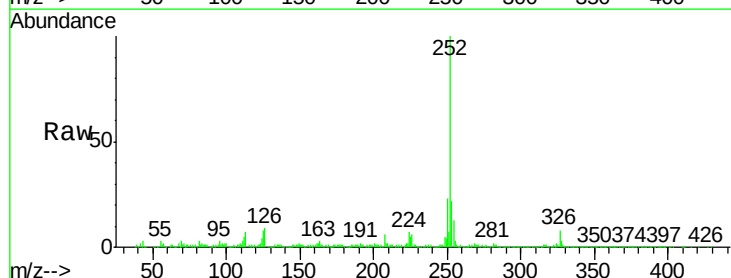
RT: 22.72 min Scan# 3405

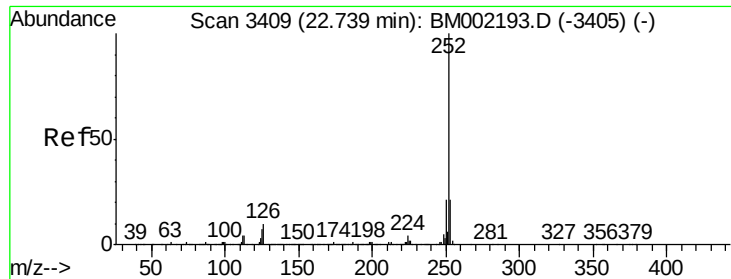
Delta R.T. 0.02 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

Tgt Ion:	252	Resp:	740062
Ion Ratio	Lower	Upper	
252	100		
253	22.4	16.9	25.3
125	8.3	6.2	9.2





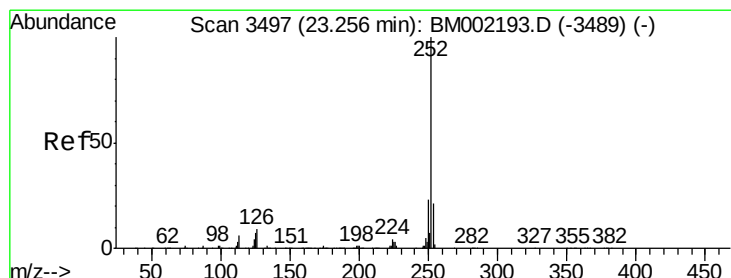
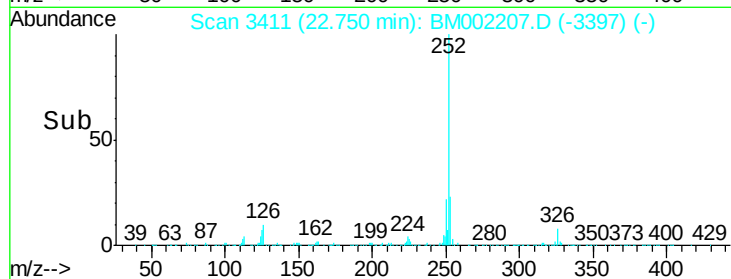
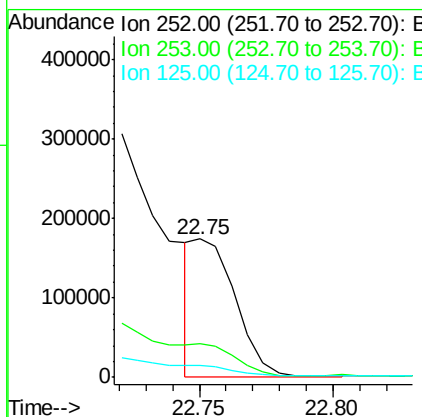
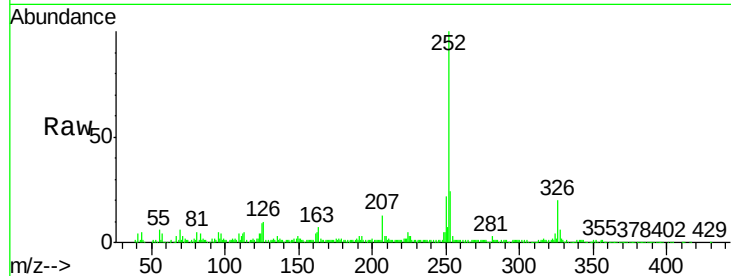
#89
Benzo(k)fluoranthene
Concen: 8.00 ng/ul m
RT: 22.75 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Instrument :
BNA_M
ClientSampleId :
C01M4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	189586		
253	24.5	17.4	26.0	
125	8.6	6.2	9.4	

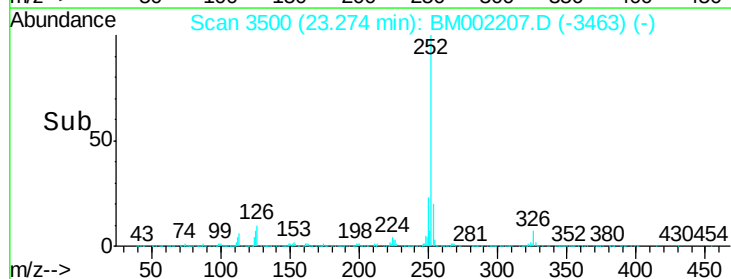
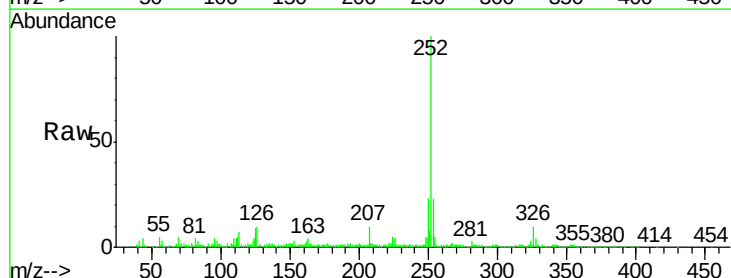
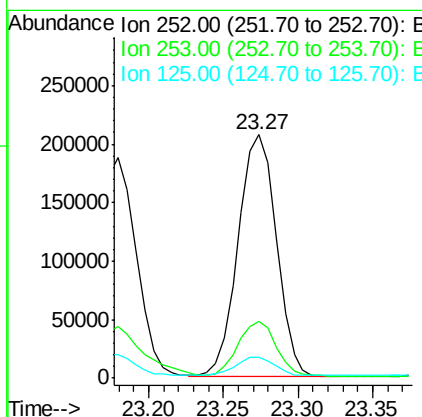
Manual Integrations
APPROVED

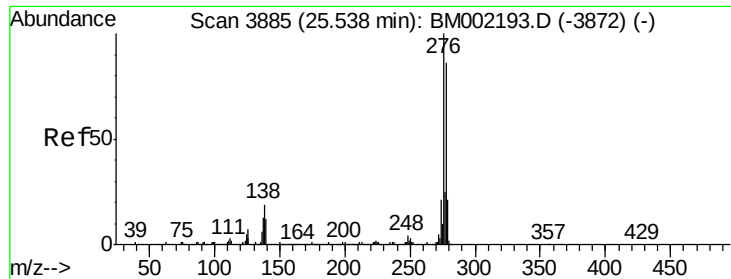
MMDadoda
8/6/2015 4:16:38 PM



#91
Benzo(a)pyrene
Concen: 15.56 ng/ul
RT: 23.27 min Scan# 3500
Delta R.T. 0.02 min
Lab File: BM002207.D
Acq: 03 Aug 2015 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	368719		
253	23.2	17.2	25.8	
125	8.7	6.6	10.0	





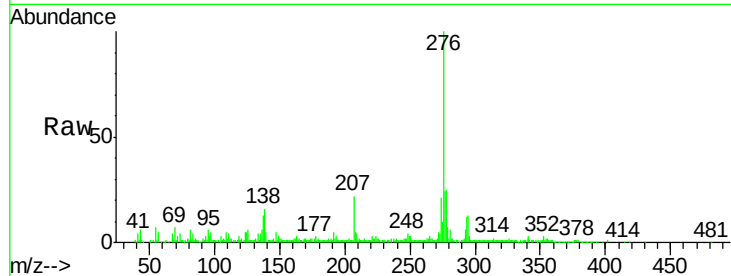
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 10.15 ng/ul
 RT: 25.57 min Scan# 3890
 Delta R.T. 0.03 min
 Lab File: BM002207.D
 Acq: 03 Aug 2015 21:02

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

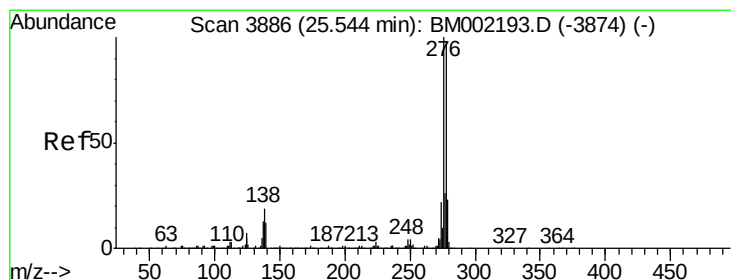
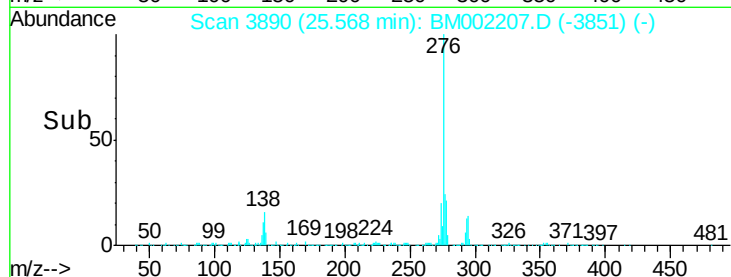
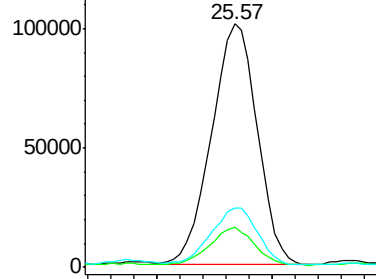
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	277300		
138	16.3	16.2	24.2	
277	24.3	19.8	29.8	

Manual Integrations
 APPROVED

MMDadoda
 8/6/2015 4:16:38 PM

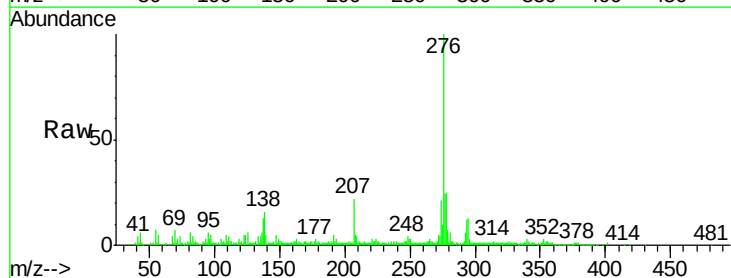


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

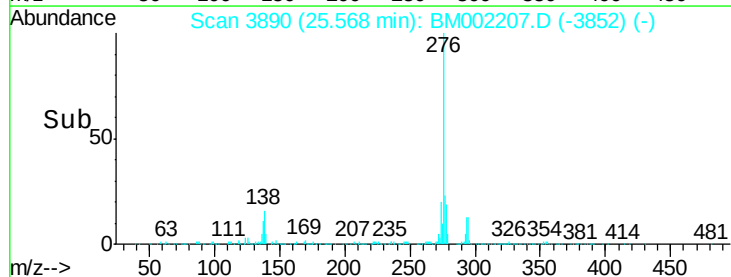
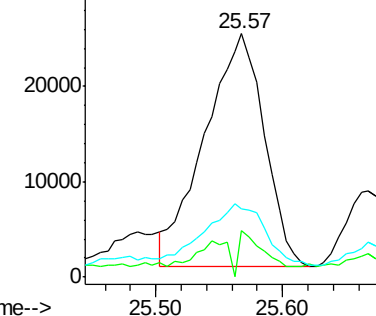


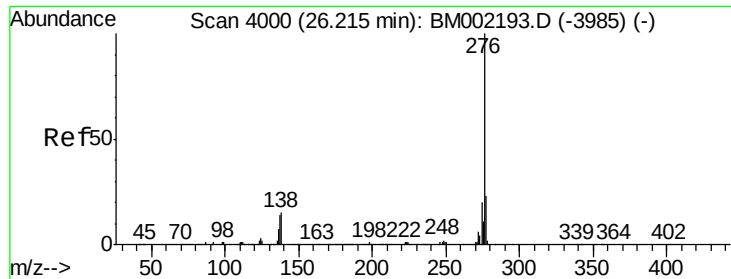
#93
 Dibenzo(a,h)anthracene
 Concen: 3.42 ng/ul
 RT: 25.57 min Scan# 3890
 Delta R.T. 0.02 min
 Lab File: BM002207.D
 Acq: 03 Aug 2015 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	80036		
139	19.4	10.6	16.0#	
279	28.0	18.5	27.7#	



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#94
 Benzo(g,h,i)perylene
 Concen: 10.80 ng/ul
 RT: 26.25 min Scan# 4006
 Delta R.T. 0.04 min
 Lab File: BM002207.D
 Acq: 03 Aug 2015 21:02

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.8	20.6
277	25.3	18.2	27.2

Manual Integrations
 APPROVED

MMDadoda
 8/6/2015 4:16:38 PM

