

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002201.D
 Acq On : 03 Aug 2015 17:21
 Operator : TP/UM
 Sample : G3095-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4

Manual Integrations
 APPROVED

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Quant Time: Aug 04 04:24:34 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	112749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	468257	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	279028	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	553772	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	552461	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	595192	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	1873	0.86	ng/uL	0.00
5) Phenol-d5	6.73	99	43270	5.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	26001	5.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	35115	5.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	30911	4.82	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	20041	6.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	20722	5.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	34074	4.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	21080	2.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	127328	6.23	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	159991	6.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	5831	1.71	ng/ul	0.02
58) Fluorene-d10	15.20	176	112313	6.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.06	188	149778	6.06	ng/ul	0.00
79) Pyrene-d10	19.37	212	146401	6.29	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	167972	5.82	ng/ul	0.02

Target Compounds

					Qvalue
45) Dimethylphthalate	13.66	163	52622	2.58 ng/ul	100
70) Phenanthrene	17.00	178	196733	6.86 ng/ul	99
72) Anthracene	17.10	178	60135	2.05 ng/ul	98
76) Di-n-butylphthalate	17.93	149	48733	1.63 ng/ul#	95
77) Fluoranthene	19.03	202	361175	10.91 ng/ul	99
80) Pyrene	19.40	202	329609	10.96 ng/ul	97
81) Butylbenzylphthalate	20.31	149	259809	22.63 ng/ul	99
83) Benzo(a)anthracene	21.16	228	201440	6.58 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.09	149	305314	17.37 ng/ul	100
85) Chrysene	21.21	228	216659	7.56 ng/ul	95
88) Benzo(b)fluoranthene	22.71	252	351108	10.50 ng/ul#	92
89) Benzo(k)fluoranthene	22.75	252	99069m	3.07 ng/ul	
91) Benzo(a)pyrene	23.27	252	225589	6.99 ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.57	276	195636	5.26 ng/ul	94
93) Dibenzo(a,h)anthracene	25.57	278	50115	1.57 ng/ul#	75
94) Benzo(g,h,i)perylene	26.25	276	196593	6.30 ng/ul	96

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

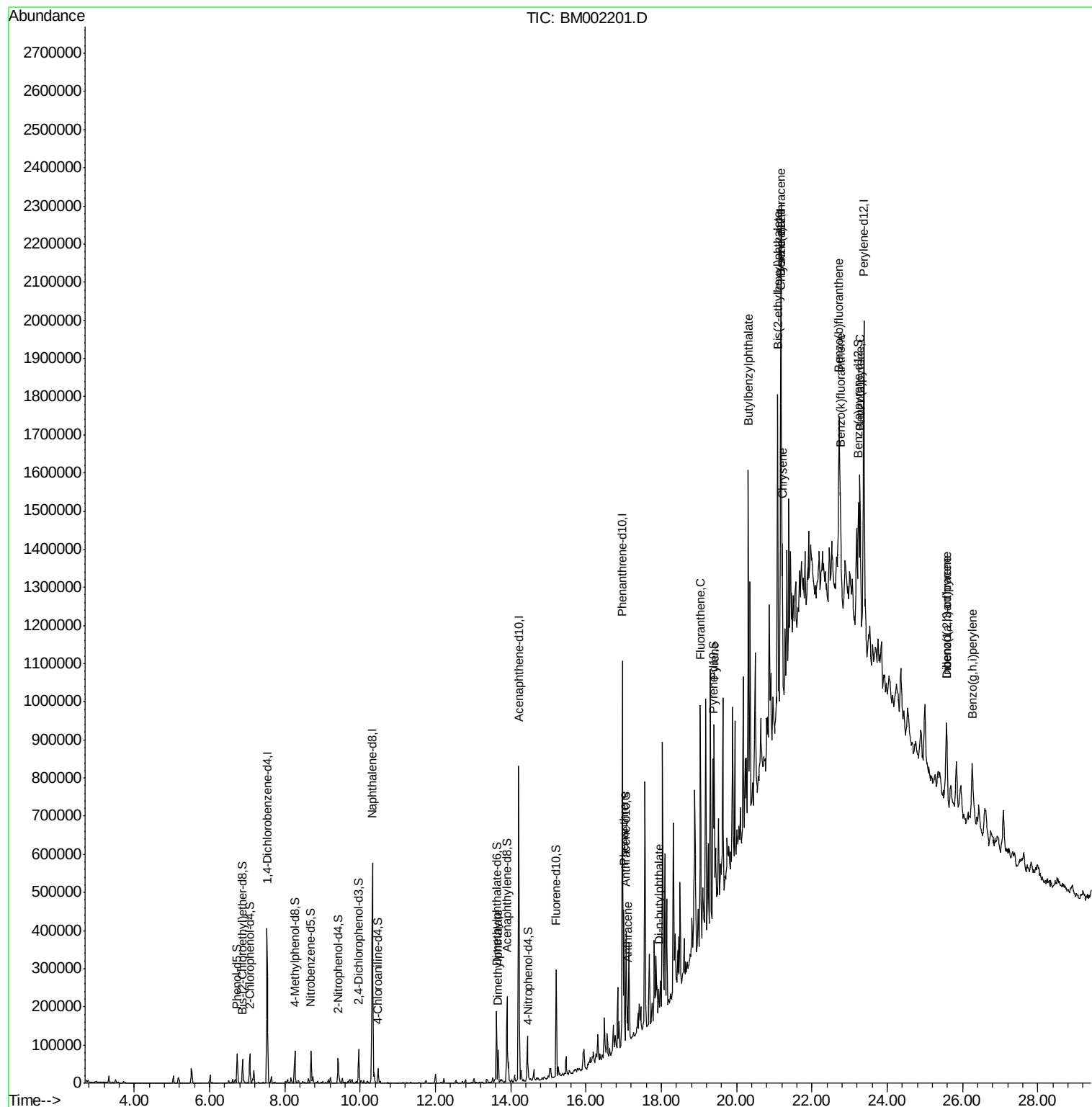
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

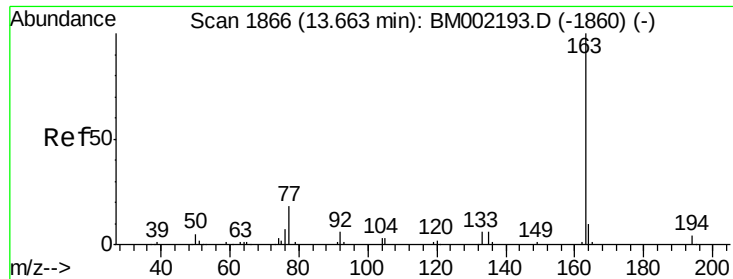
Instrument :
BNA_M
ClientSampleId :
C01R4

Quant Time: Aug 04 04:24:34 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

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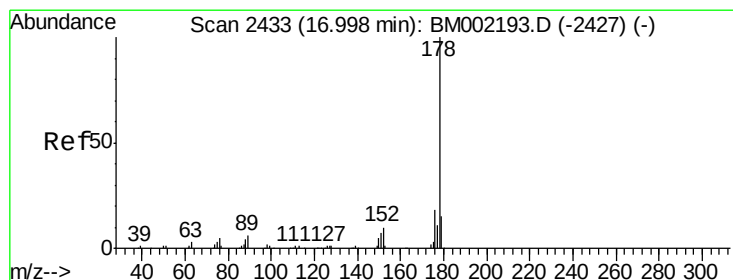
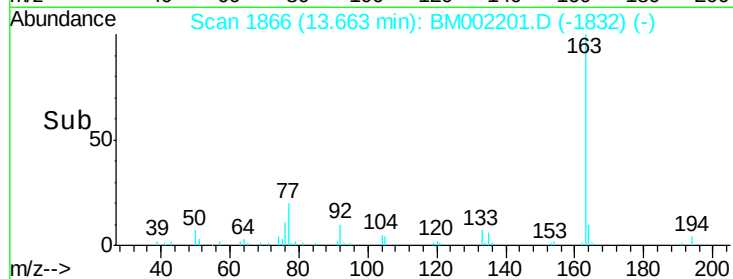
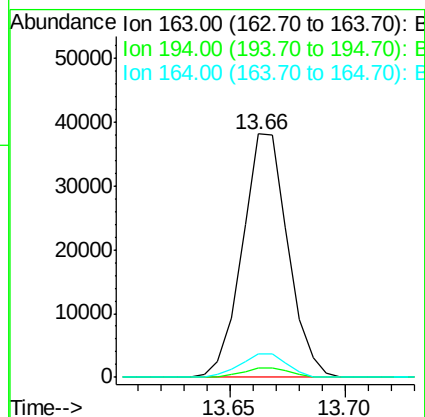
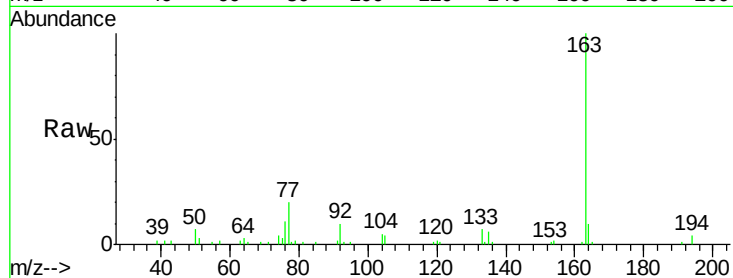
#45
Dimethylphthalate
Concen: 2.58 ng/ul
RT: 13.66 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Instrument :
BNA_M
ClientSampled :
C01R4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	52622		
194	4.1		3.5	5.3
164	9.9		8.0	12.0

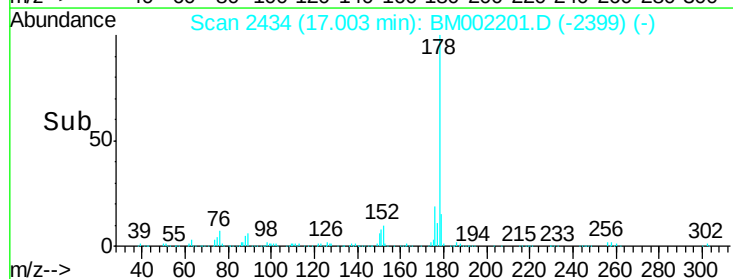
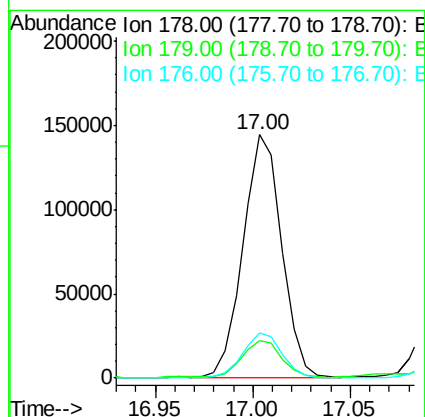
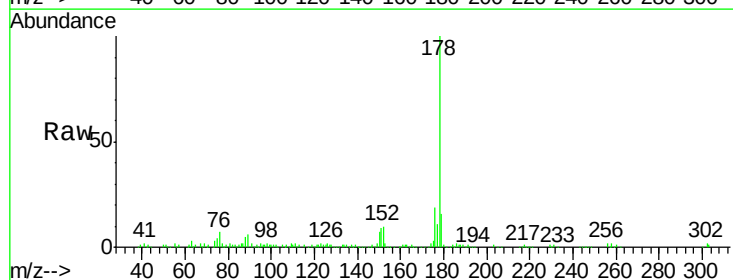
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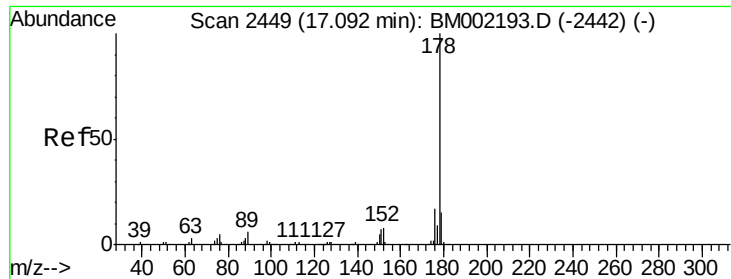
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#70
Phenanthrene
Concen: 6.86 ng/ul
RT: 17.00 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	196733		
179	15.6		12.5	18.7
176	18.8		14.2	21.4





#72

Anthracene

Concen: 2.05 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

Instrument :

BNA_M

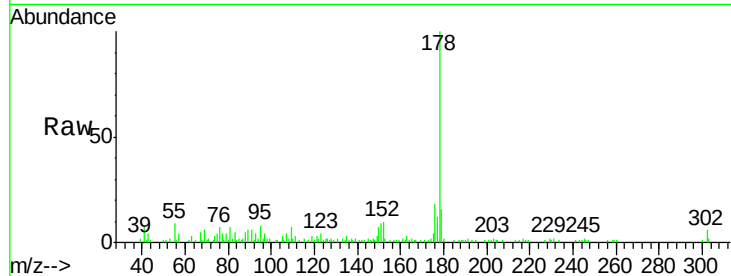
ClientSampleId :

C01R4

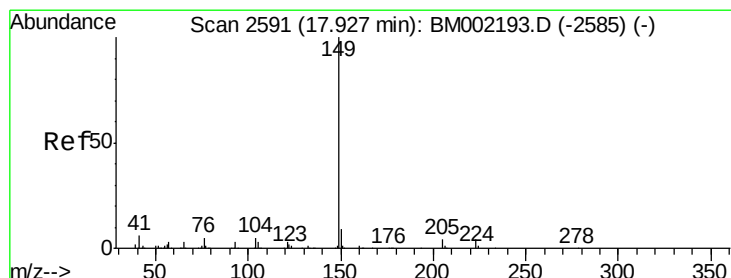
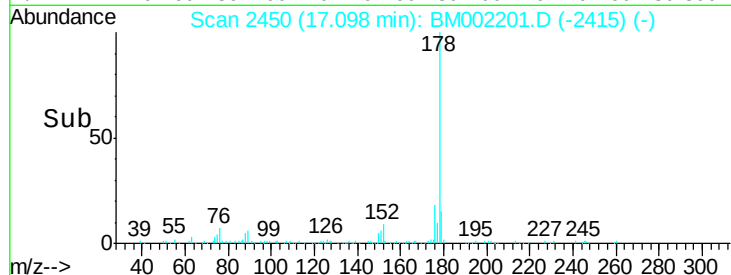
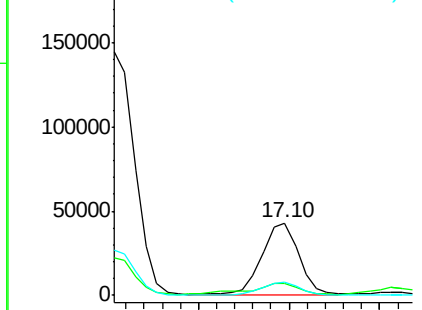
Tgt Ion:	178	Resp:	60135
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.1	18.1
176	18.2	14.1	21.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#76

Di-n-butylphthalate

Concen: 1.63 ng/ul

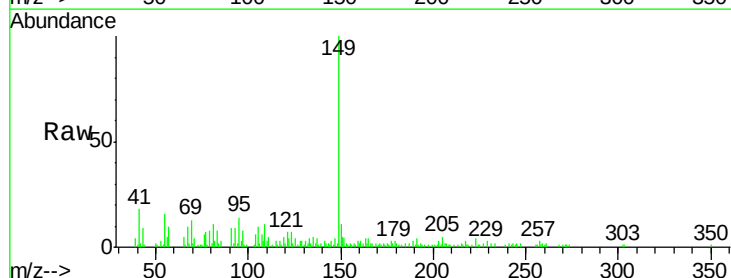
RT: 17.93 min Scan# 2591

Delta R.T. -0.00 min

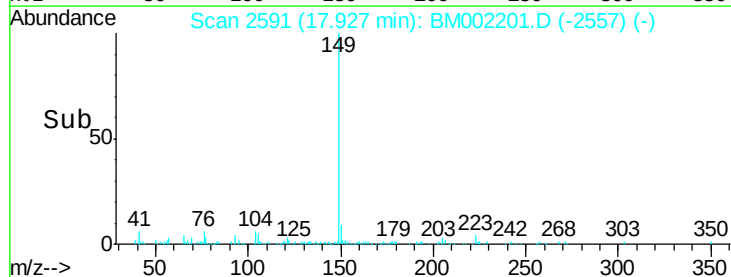
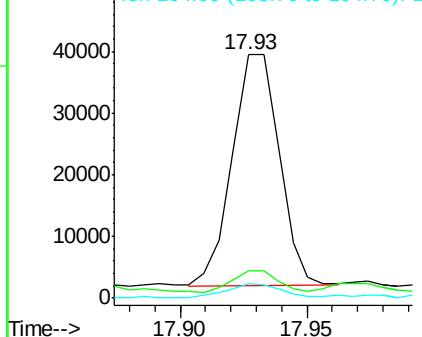
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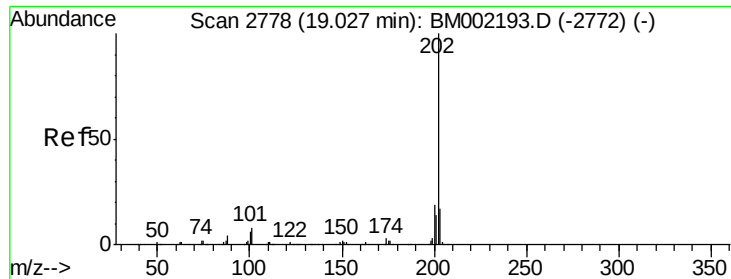
Acq: 03 Aug 2015 17:21

Tgt Ion:	149	Resp:	48733
Ion Ratio	Lower	Upper	
149	100		
150	11.0	7.0	10.4#
104	6.0	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





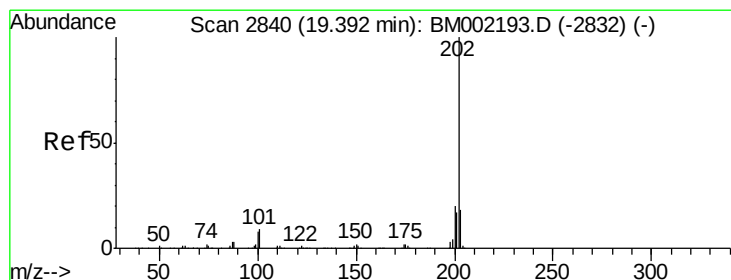
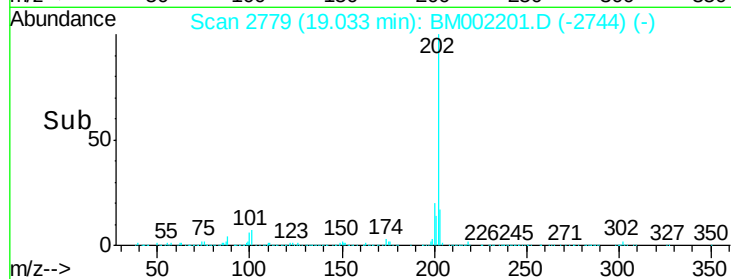
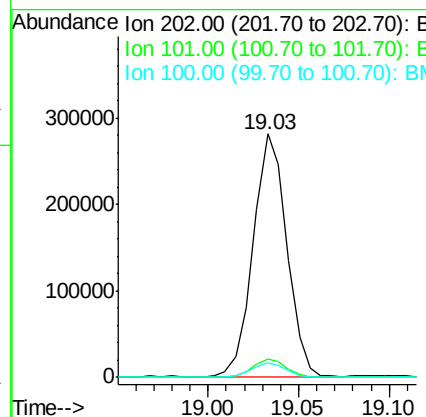
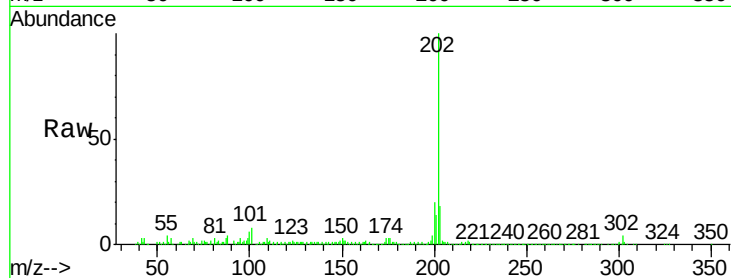
#77
Fluoranthene
Concen: 10.91 ng/ul
RT: 19.03 min Scan# 2779
Delta R.T. 0.01 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Instrument :
BNA_M
ClientSampleId :
C01R4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	361175		
101	7.6	6.2	9.4	
100	6.2	5.2	7.8	

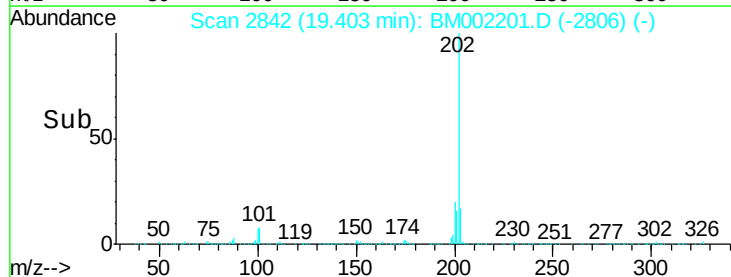
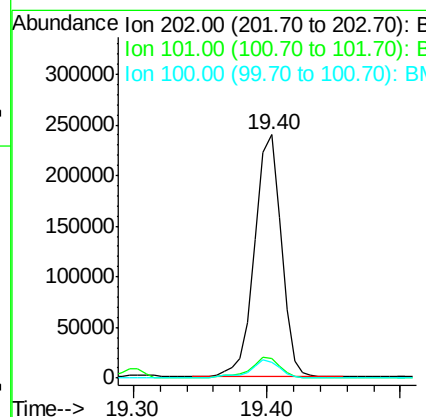
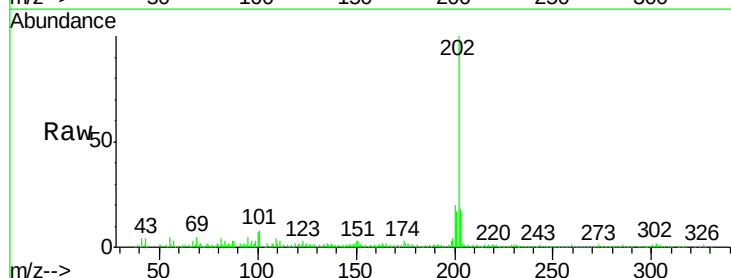
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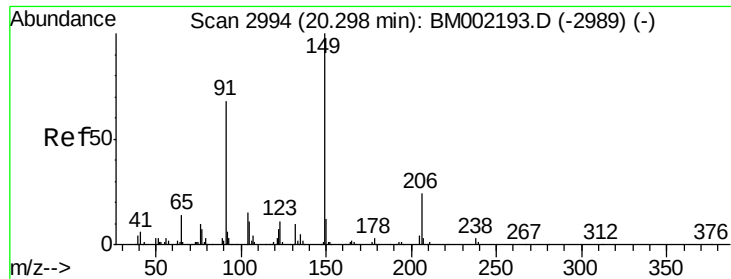
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#80
Pyrene
Concen: 10.96 ng/ul
RT: 19.40 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	329609		
101	8.2	7.4	11.2	
100	6.6	6.3	9.5	





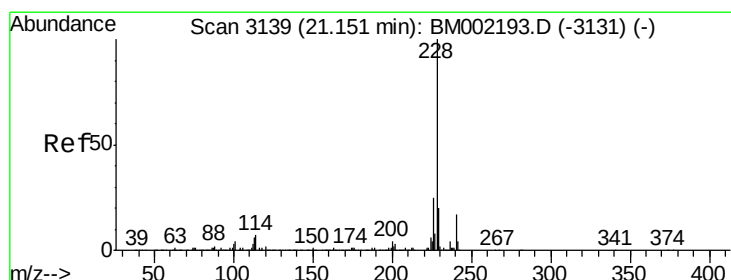
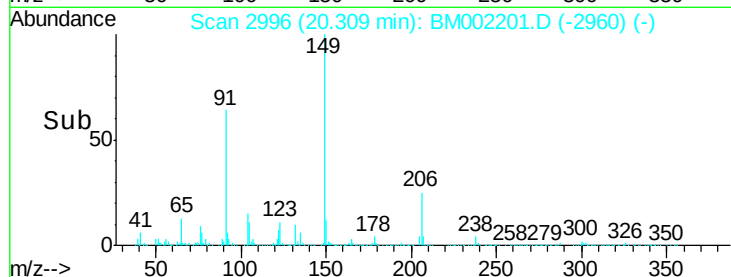
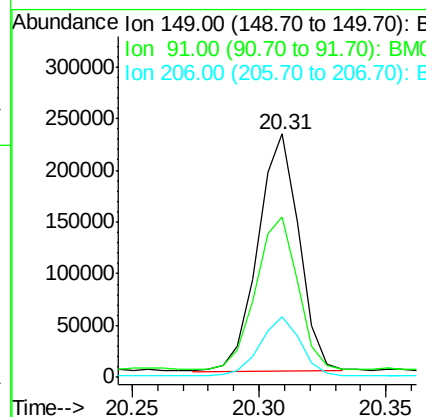
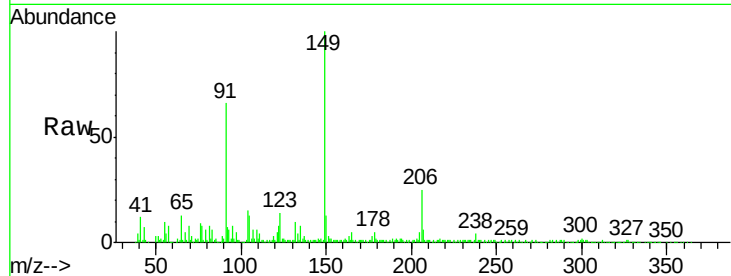
#81
Butylbenzylphthalate
Concen: 22.63 ng/ul
RT: 20.31 min Scan# 2996
Delta R.T. 0.01 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Instrument :
BNA_M
ClientSampleId :
C01R4

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.1	52.4	78.6
206	24.9	19.9	29.9

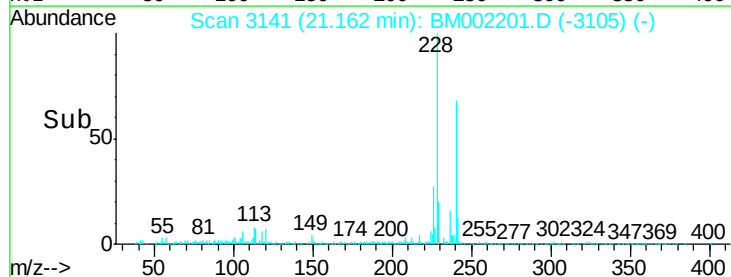
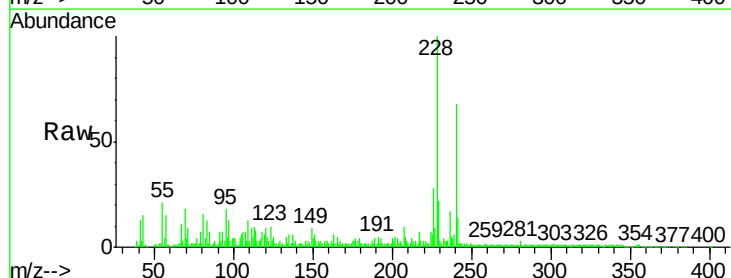
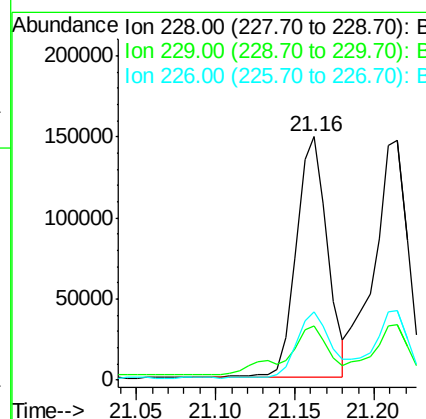
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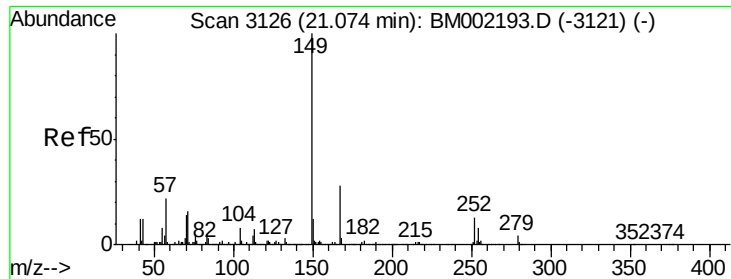
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#83
Benzo(a)anthracene
Concen: 6.58 ng/ul
RT: 21.16 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.3	15.4	23.2
226	27.9	20.5	30.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.37 ng/ul

RT: 21.09 min Scan# 3128

Delta R.T. 0.01 min

Lab File: BM002201.D

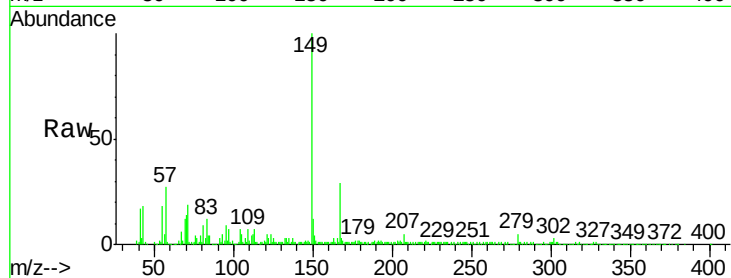
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Instrument :

BNA_M

ClientSampleId :

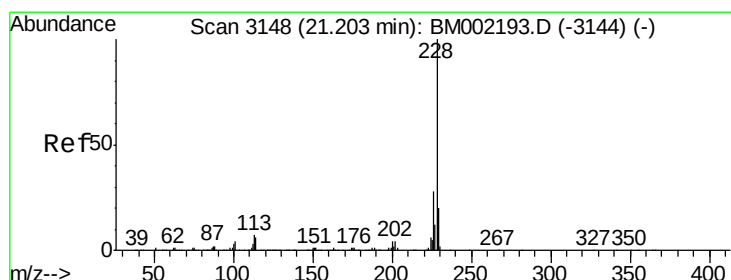
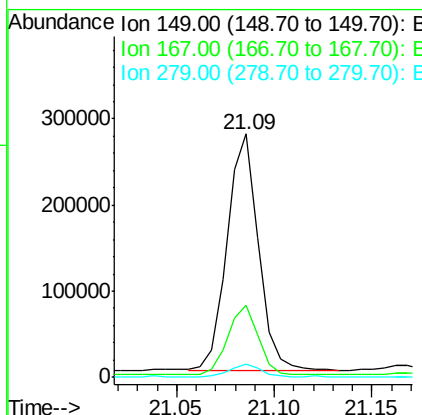
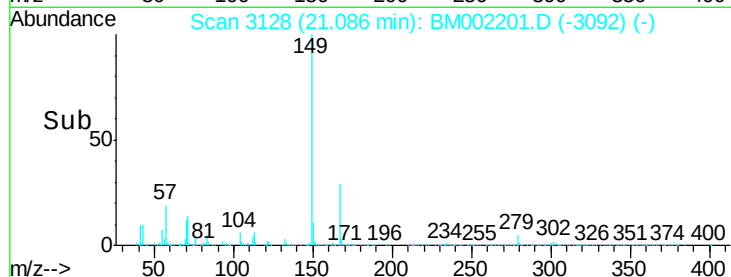
C01R4



Tgt Ion:	149	Resp:	305314
Ion Ratio	Lower	Upper	
149	100		
167	29.4	23.6	35.4
279	5.3	4.2	6.4

Manual Integrations
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#85

Chrysene

Concen: 7.56 ng/ul

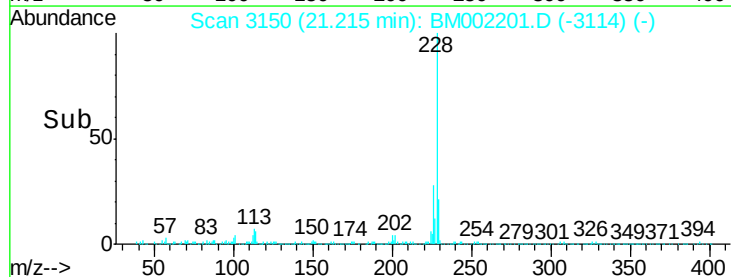
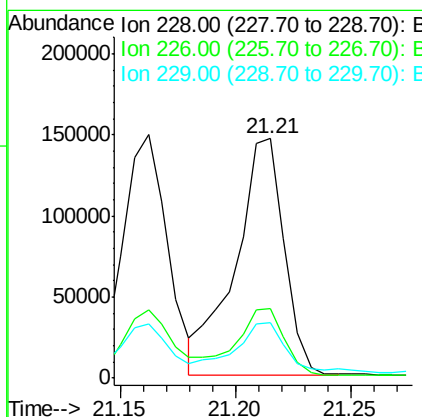
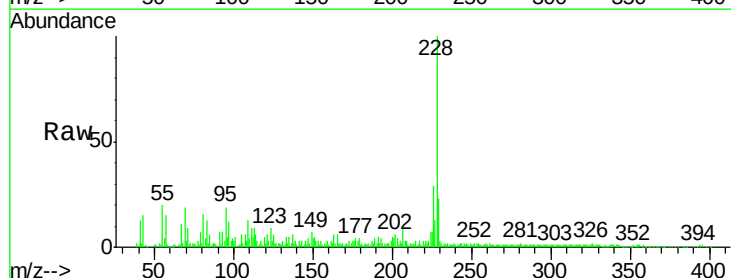
RT: 21.21 min Scan# 3150

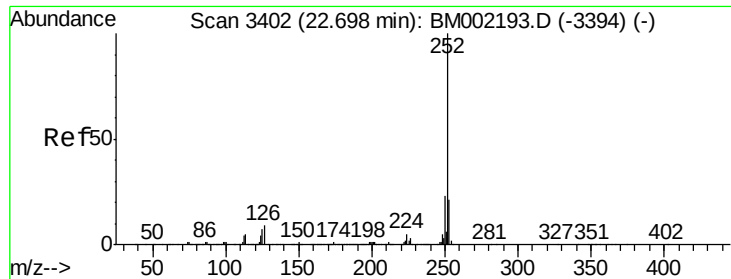
Delta R.T. 0.01 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

Tgt Ion:	228	Resp:	216659
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.3	33.5
229	23.2	15.5	23.3





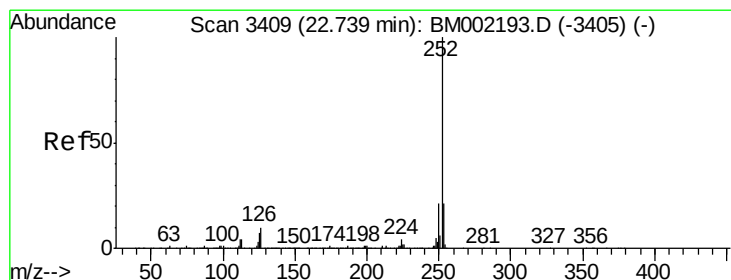
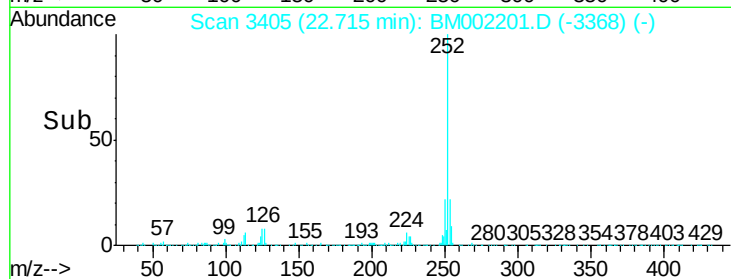
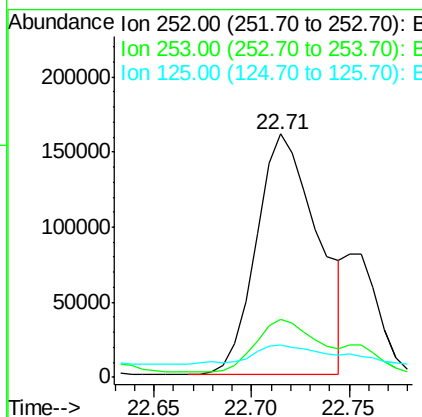
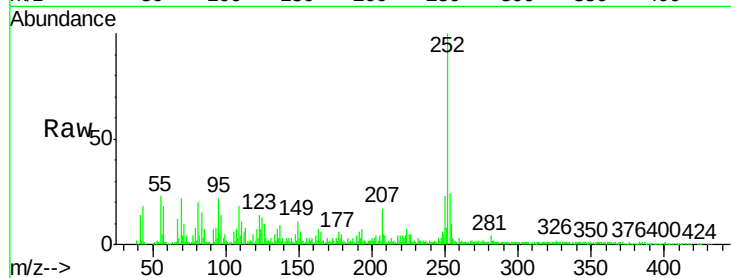
#88
Benzo(b)fluoranthene
Concen: 10.50 ng/ul
RT: 22.71 min Scan# 3405
Delta R.T. 0.02 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Instrument :
BNA_M
ClientSampleId :
C01R4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.7	16.9	25.3
125	13.4	6.2	9.2

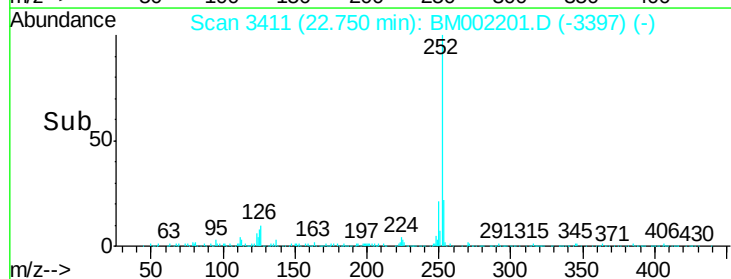
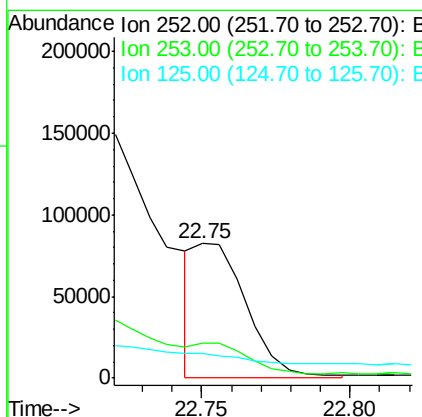
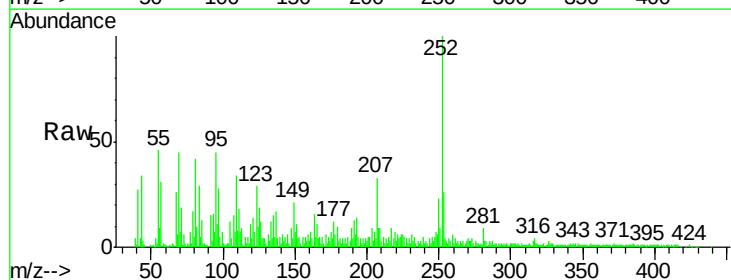
Manual Integrations
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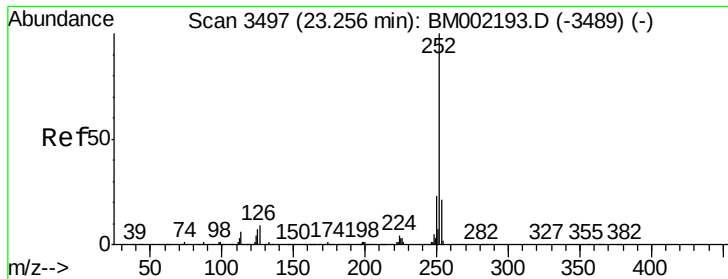
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#89
Benzo(k)fluoranthene
Concen: 3.07 ng/ul m
RT: 22.75 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.1	17.4	26.0
125	18.7	6.2	9.4





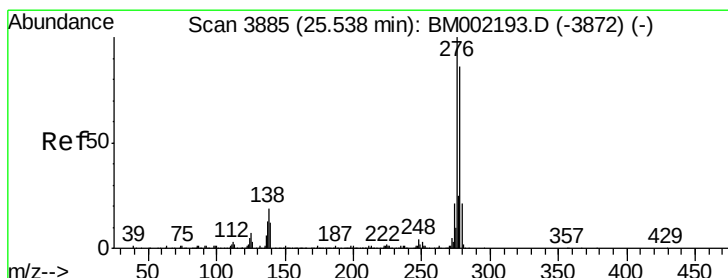
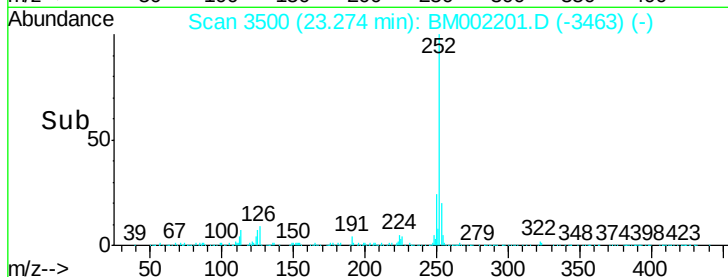
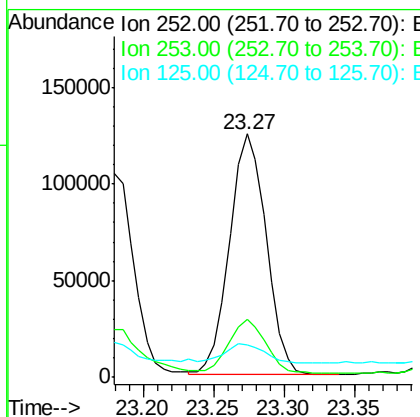
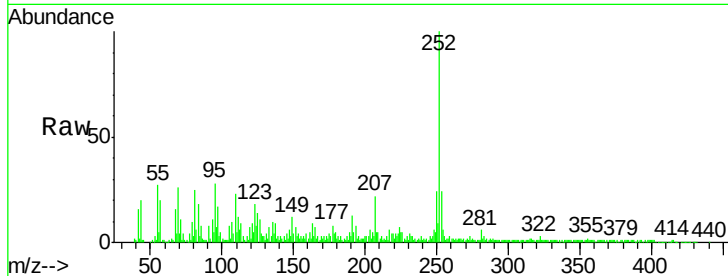
#91
Benzo(a)pyrene
Concen: 6.99 ng/ul
RT: 23.27 min Scan# 3500
Delta R.T. 0.02 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Instrument :
BNA_M
ClientSampleId :
C01R4

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	17.2	25.8
125	13.6	6.6	10.0

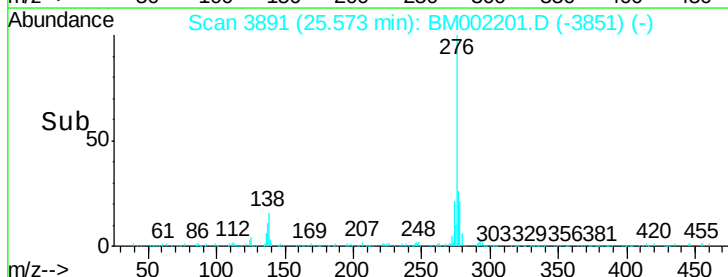
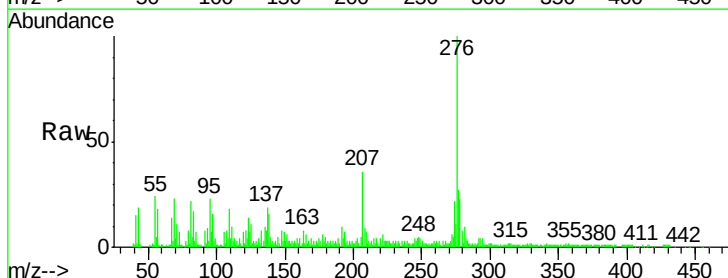
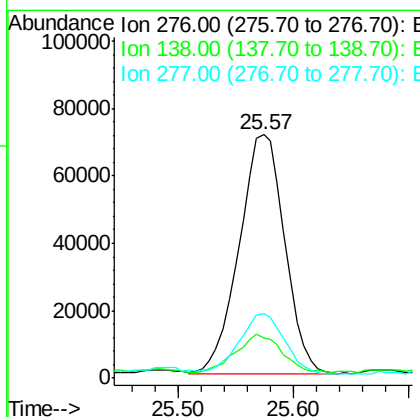
Manual Integrations
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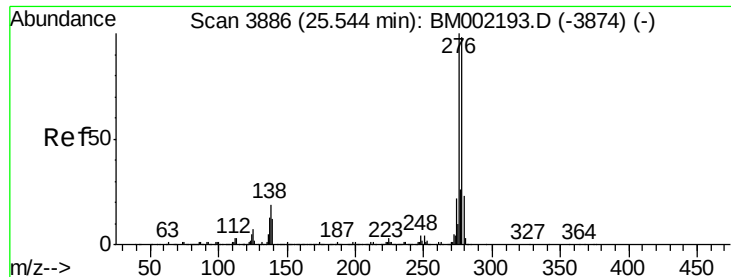
MMDadoda
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#92
Indeno(1,2,3-cd)pyrene
Concen: 5.26 ng/ul
RT: 25.57 min Scan# 3891
Delta R.T. 0.04 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.4	16.2	24.2
277	26.7	19.8	29.8





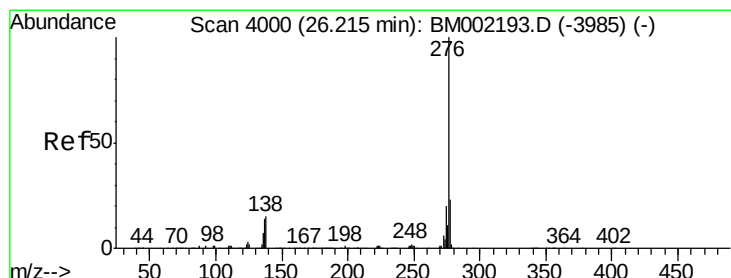
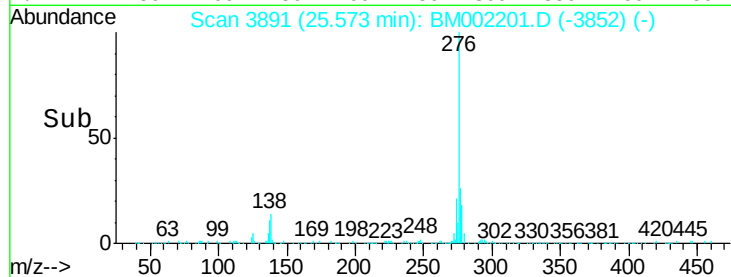
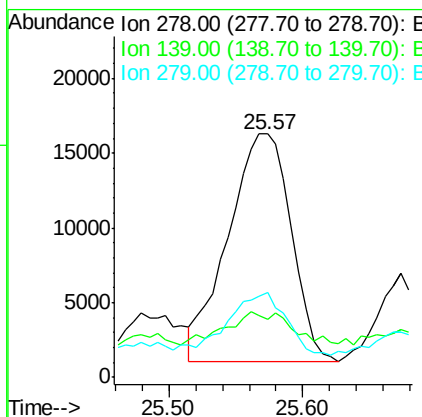
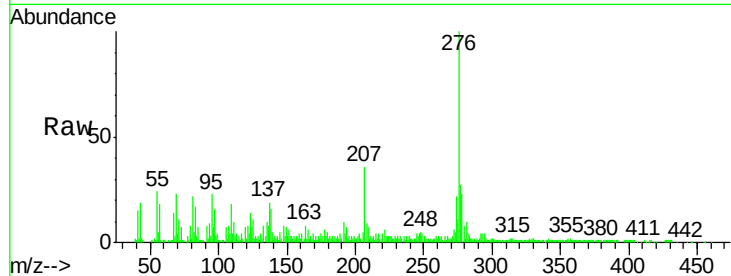
#93
Dibenzo(a,h)anthracene
Concen: 1.57 ng/ul
RT: 25.57 min Scan# 3891
Delta R.T. 0.03 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Instrument :
BNA_M
ClientSampleId :
C01R4

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	50115		
139	23.9	10.6	16.0#	
279	34.7	18.5	27.7#	

Manual Integrations
APPROVED

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#94
Benzo(g,h,i)perylene
Concen: 6.30 ng/ul
RT: 26.25 min Scan# 4006
Delta R.T. 0.04 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	196593		
138	17.2	13.8	20.6	
277	25.8	18.2	27.2	

