

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
 Data File : BM004004.D
 Acq On : 14 Jan 2016 03:28
 Operator : SJ/UM
 Sample : H1098-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9D4

Manual Integrations
 APPROVED

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Quant Time: Jan 14 12:08:34 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	37656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	182413	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	110709	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	251605	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	271461	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	226714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1855	2.20	ng/uL	0.00
5) Phenol-d5	6.84	99	45585	14.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	27525	15.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	39172	15.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	29661	11.71	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	19239	14.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	21010	13.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	38640	14.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	45444	12.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	137708	15.84	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	168436	15.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	16454	10.54	ng/ul	0.00
58) Fluorene-d10	15.32	176	126920	17.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	12639	8.91	ng/ul	0.00
71) Anthracene-d10	17.17	188	202000	17.36	ng/ul	0.00
79) Pyrene-d10	19.47	212	232227	16.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	200074	17.67	ng/ul	0.00

Target Compounds

					Qvalue
45) Dimethylphthalate	13.77	163	84579	9.55 ng/ul	98
59) Fluorene	15.37	166	9982	1.17 ng/ul	99
70) Phenanthrene	17.11	178	161492	11.41 ng/ul	100
72) Anthracene	17.20	178	44235	3.05 ng/ul	99
75) Carbazole	17.48	167	14200	1.11 ng/ul	99
77) Fluoranthene	19.14	202	321247	21.85 ng/ul	99
80) Pyrene	19.50	202	331173	17.97 ng/ul	99
83) Benzo(a)anthracene	21.26	228	172195	10.65 ng/ul	99
85) Chrysene	21.31	228	178703	11.63 ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	173646	12.60 ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	57966m	4.42 ng/ul	
91) Benzo(a)pyrene	23.41	252	130043	9.95 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.75	276	71423	4.94 ng/ul	96
93) Dibenzo(a,h)anthracene	25.76	278	21885	1.80 ng/ul#	84
94) Benzo(g,h,i)perylene	26.44	276	70366	5.80 ng/ul	98

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

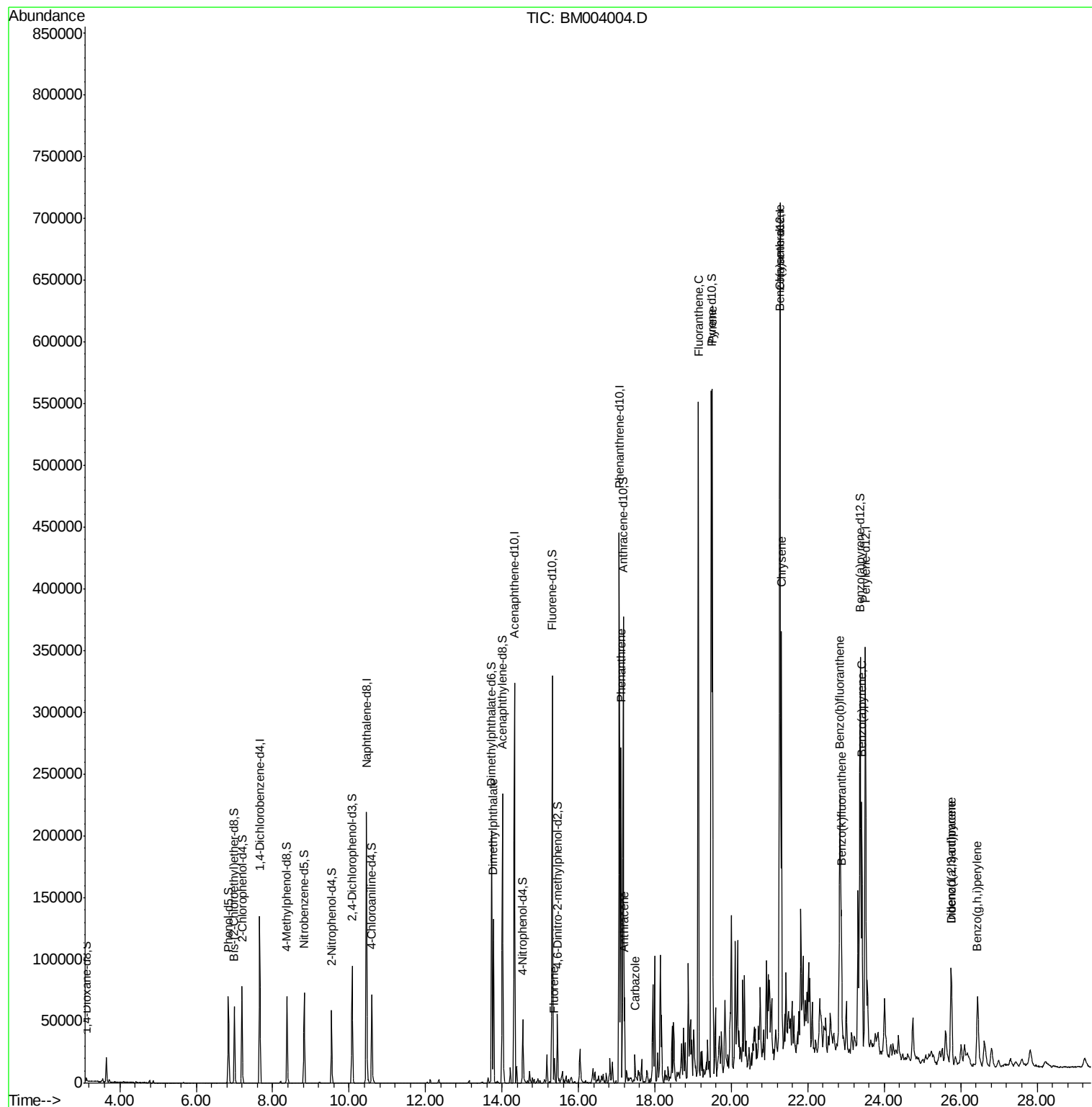
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004004.D
Acq On : 14 Jan 2016 03:28
Operator : SJ/UM
Sample : H1098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

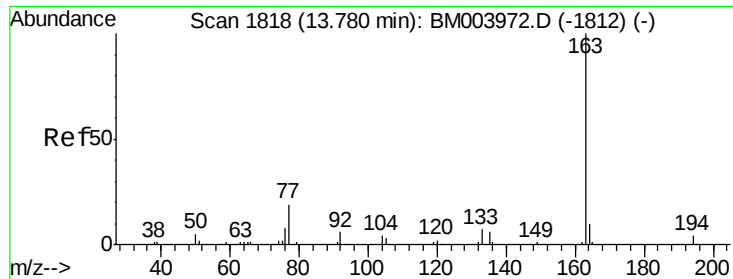
Instrument :
BNA_M
ClientSampleId :
BC9D4

Manual Integrations
APPROVED

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Quant Time: Jan 14 12:08:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





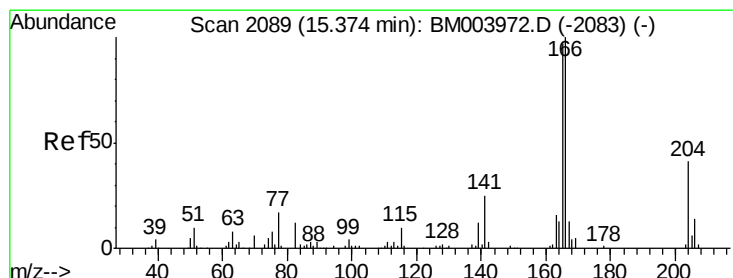
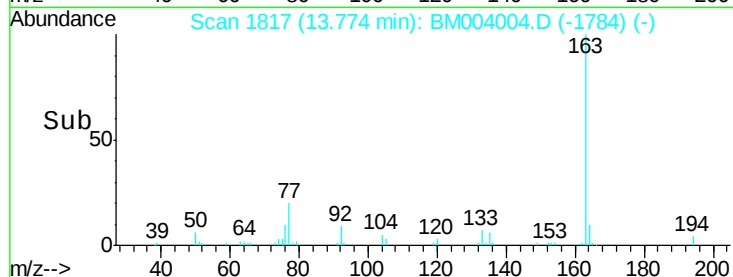
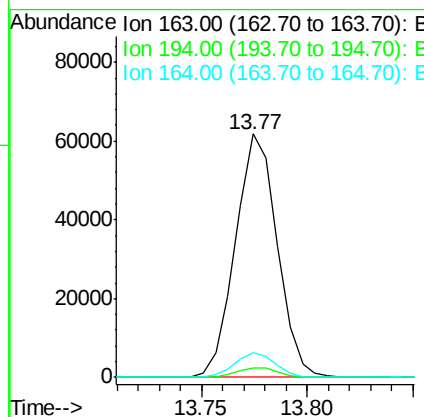
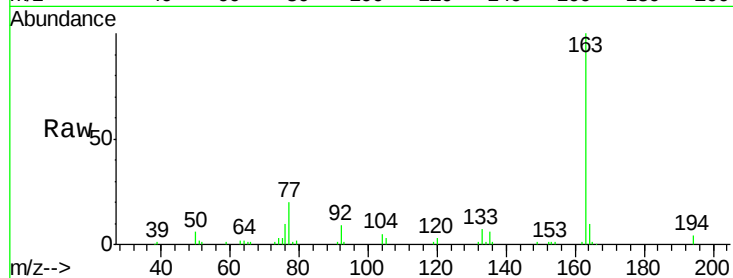
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Dimethylphthalate
Concen: 9.55 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004004.D
Acq: 14 Jan 2016 03:28

Instrument :
BNA_M
ClientSampleId :
BC9D4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	84579		
194	3.6		3.2	4.8
164	10.4		7.8	11.8

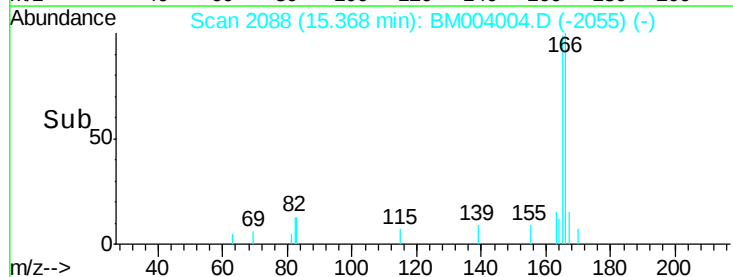
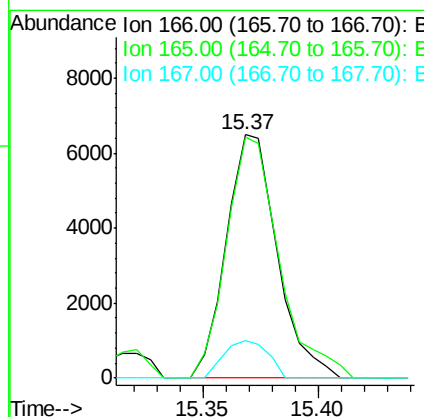
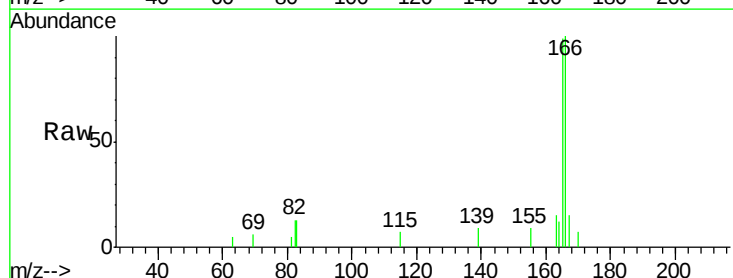
Manual Integrations
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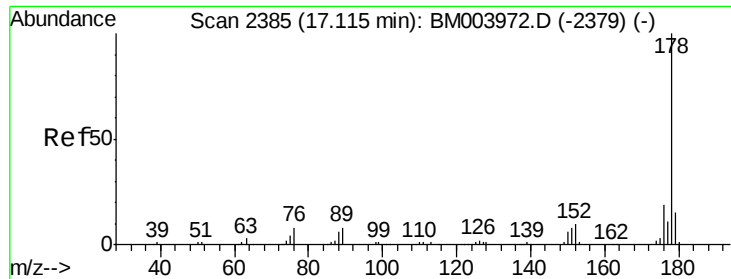
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#59
Fluorene
Concen: 1.17 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM004004.D
Acq: 14 Jan 2016 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	9982		
165	98.8		78.5	117.7
167	15.3		10.7	16.1





#70

Phenanthrene

Concen: 11.41 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM004004.D

Acq: 14 Jan 2016 03:28

Instrument :

BNA_M

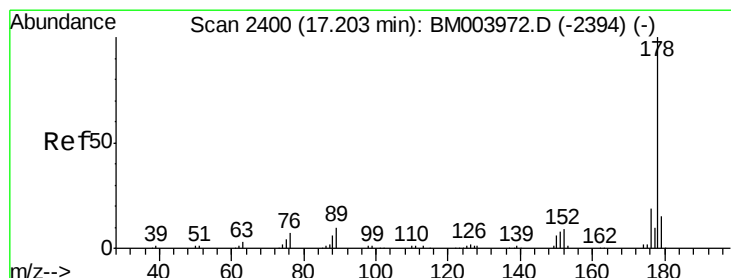
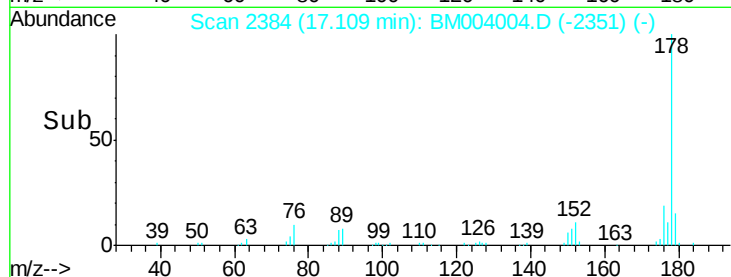
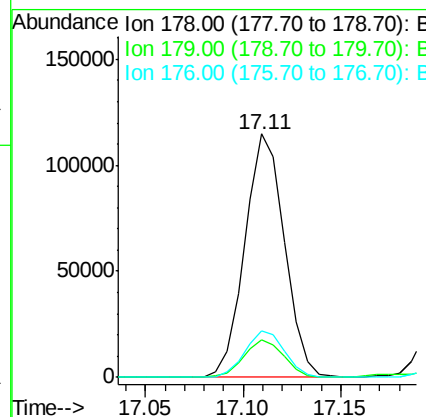
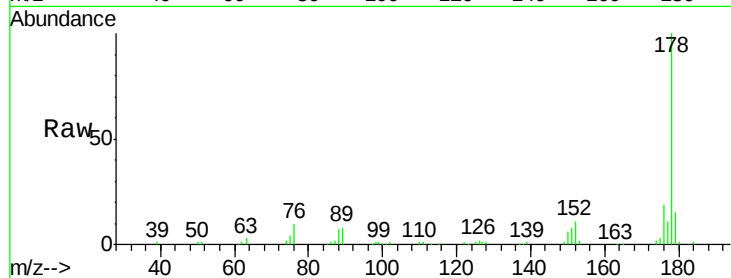
ClientSampleId :

BC9D4

Tgt Ion:	178	Resp:	161492
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	19.2	15.6	23.4

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#72

Anthracene

Concen: 3.05 ng/ul

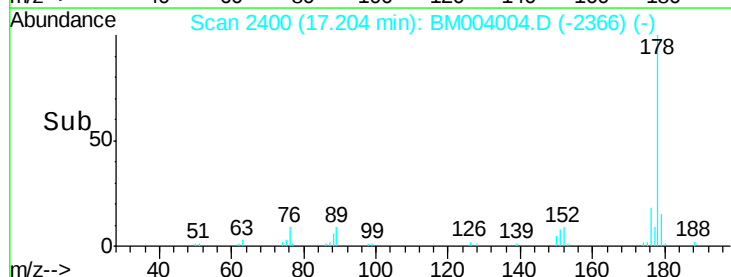
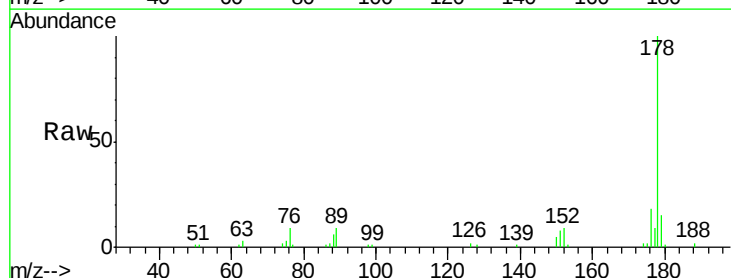
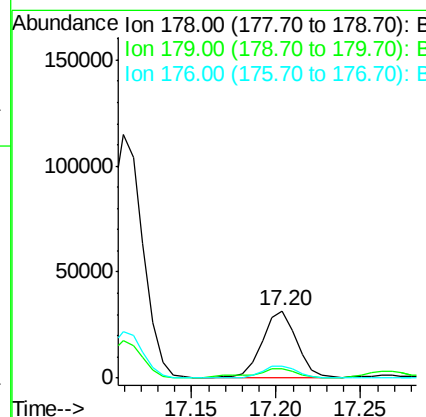
RT: 17.20 min Scan# 2400

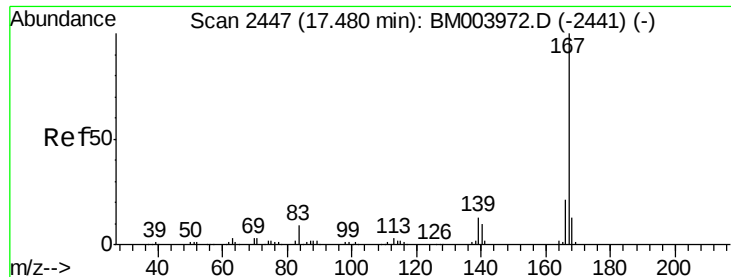
Delta R.T. 0.00 min

Lab File: BM004004.D

Acq: 14 Jan 2016 03:28

Tgt Ion:	178	Resp:	44235
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.1	18.1
176	18.3	14.8	22.2





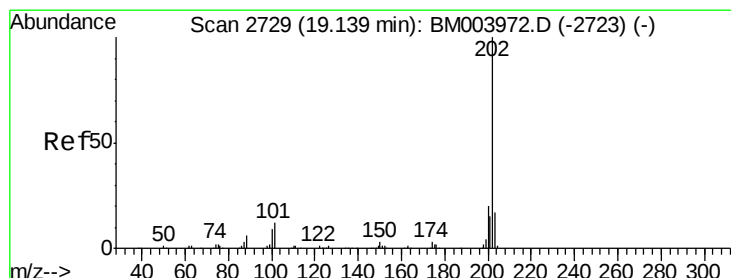
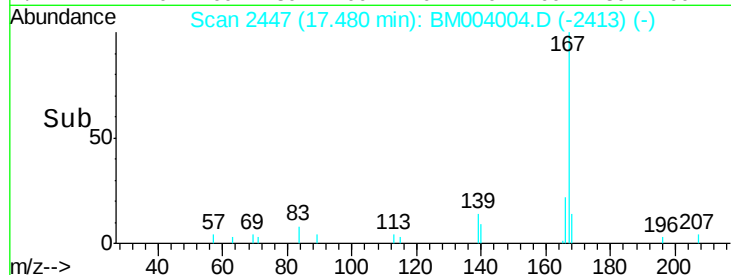
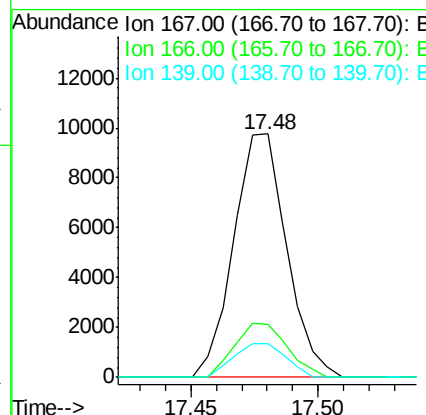
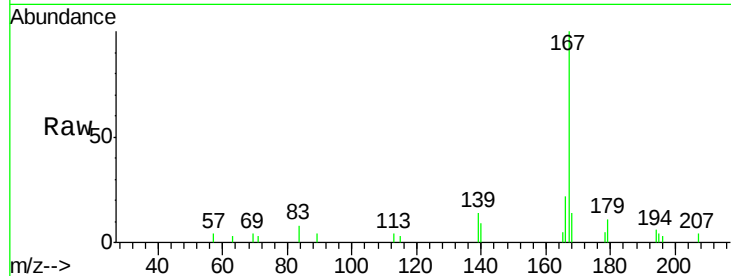
#75
 Carbazole
 Concen: 1.11 ng/ul
 RT: 17.48 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BM004004.D
 Acq: 14 Jan 2016 03:28

Instrument :
 BNA_M
 ClientSampleId :
 BC9D4

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	14.0	11.0	16.4

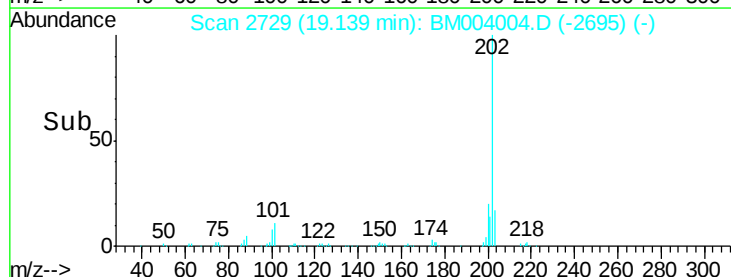
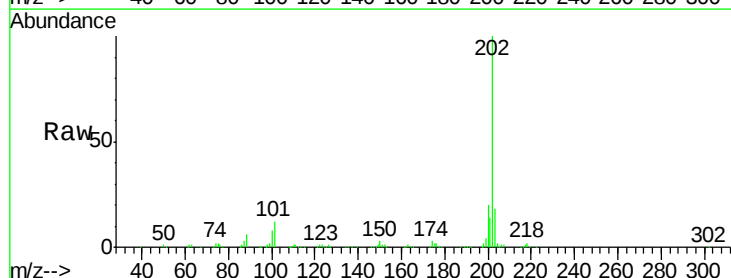
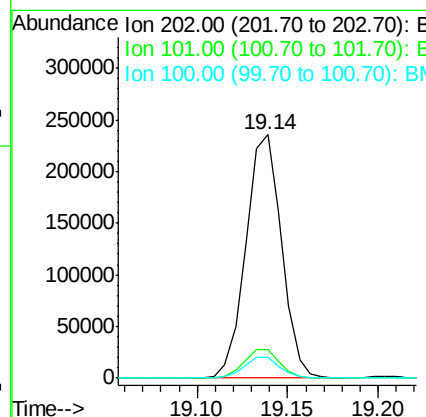
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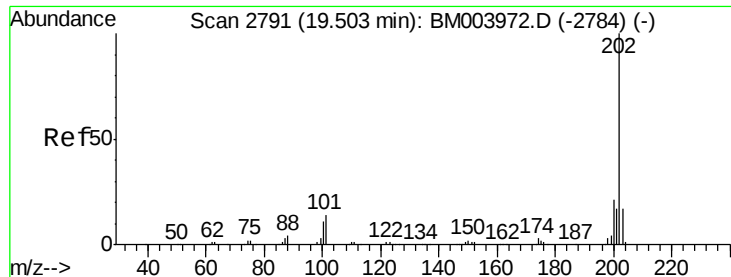
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#77
 Fluoranthene
 Concen: 21.85 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004004.D
 Acq: 14 Jan 2016 03:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	8.4	6.6	9.8





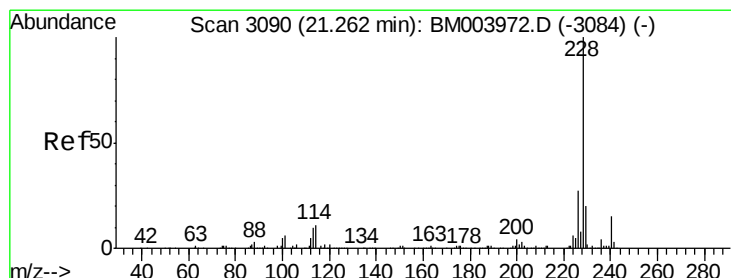
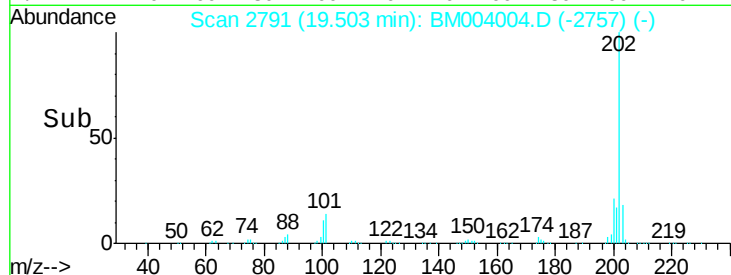
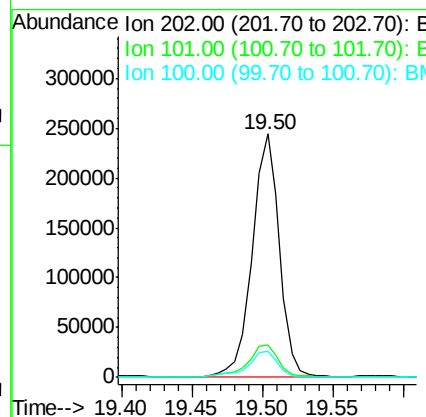
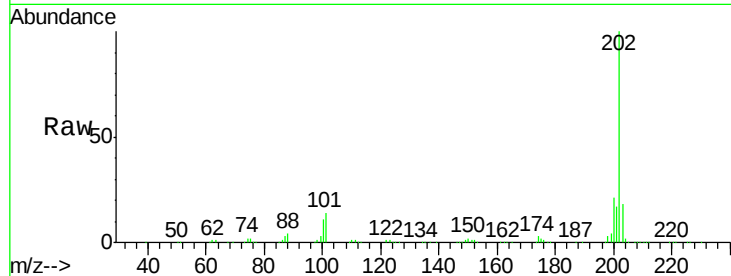
#80
 Pyrene
 Concen: 17.97 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004004.D
 Acq: 14 Jan 2016 03:28

Instrument :
 BNA_M
 ClientSampleId :
 BC9D4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	331173		
101	13.5	10.2	15.2	
100	10.6	8.5	12.7	

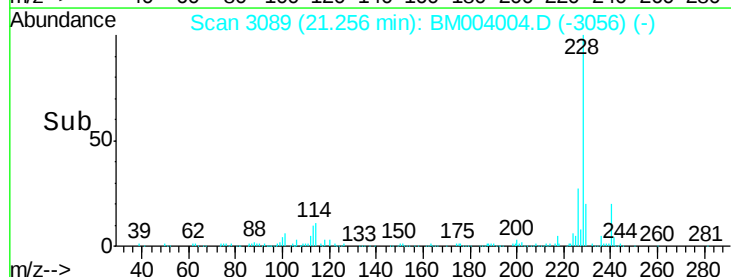
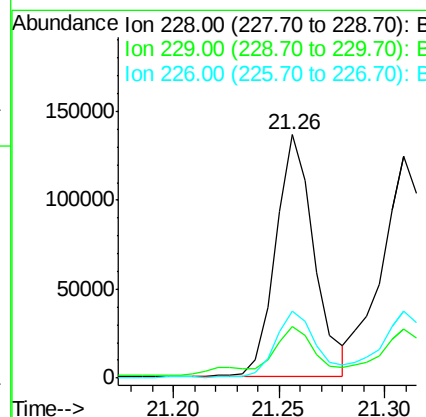
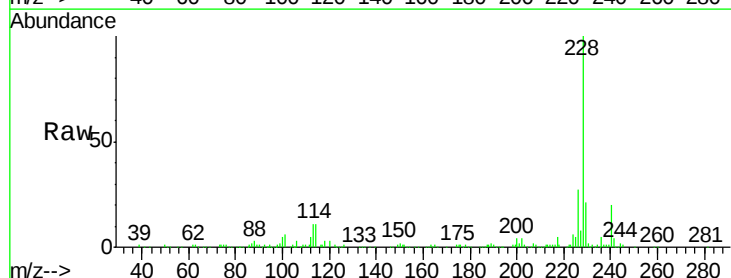
Manual Integrations
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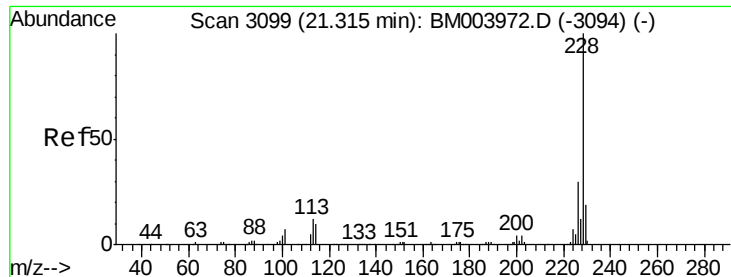
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#83
 Benzo(a)anthracene
 Concen: 10.65 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM004004.D
 Acq: 14 Jan 2016 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	172195		
229	21.1	15.7	23.5	
226	27.3	21.8	32.6	





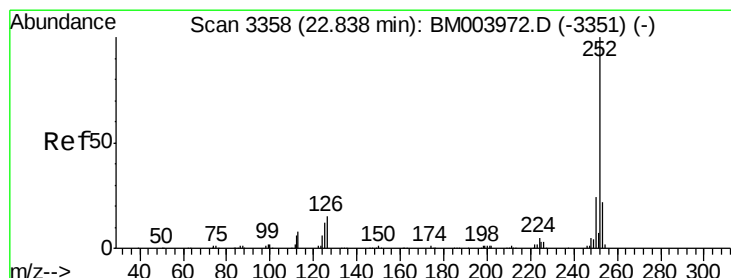
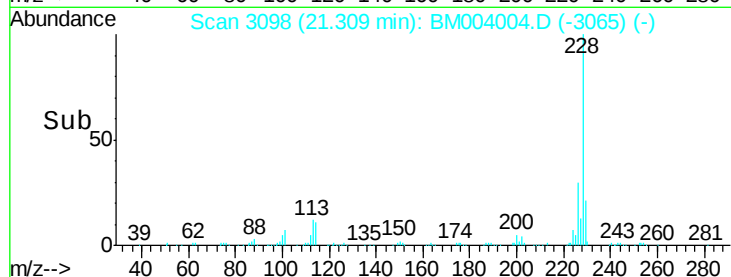
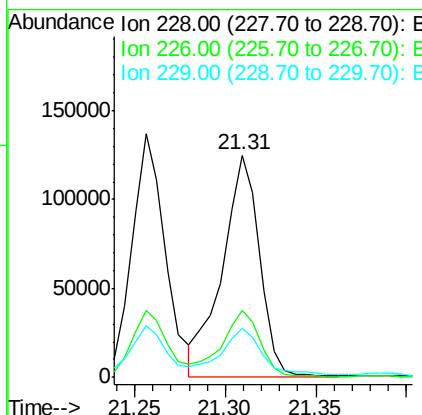
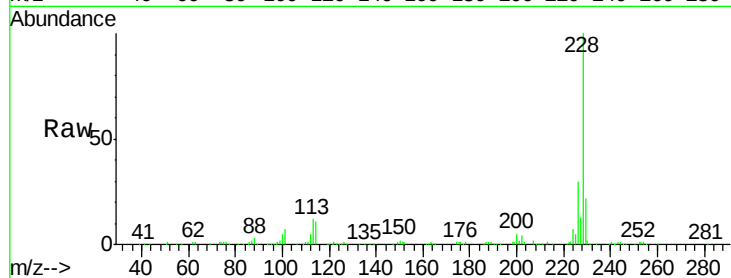
#85
Chrysene
Concen: 11.63 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004004.D
Acq: 14 Jan 2016 03:28

Instrument :
BNA_M
ClientSampleId :
BC9D4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	178703		
226	29.9	24.0	36.0	
229	21.8	15.6	23.4	

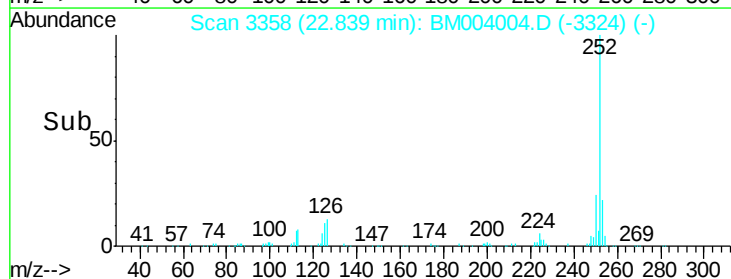
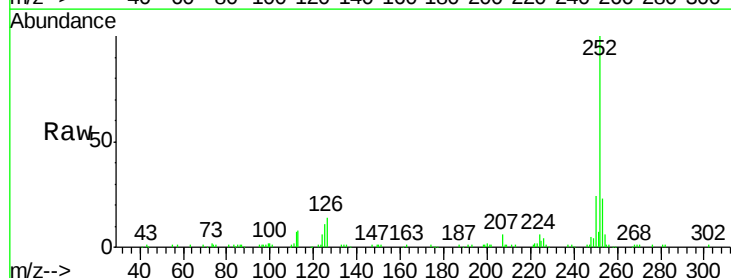
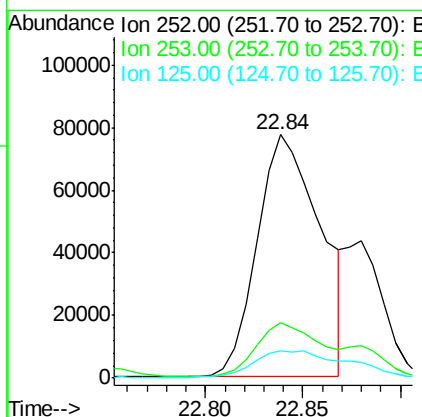
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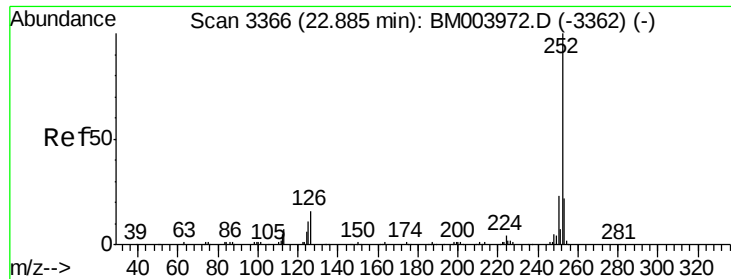
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#88
Benzo(b)fluoranthene
Concen: 12.60 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BM004004.D
Acq: 14 Jan 2016 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	173646		
253	22.8	17.5	26.3	
125	11.4	8.5	12.7	





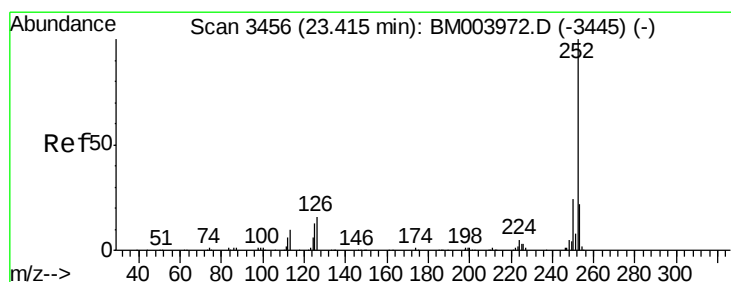
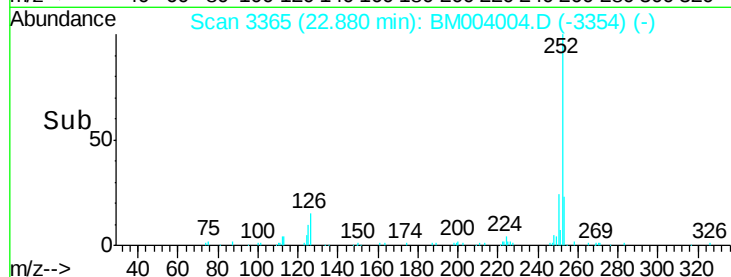
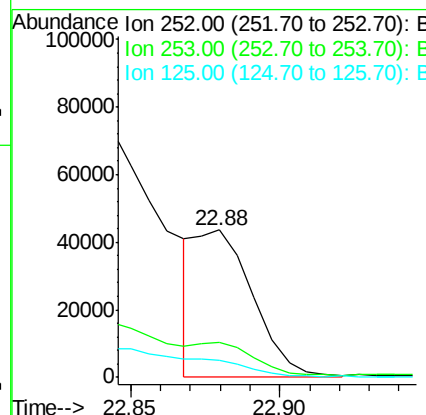
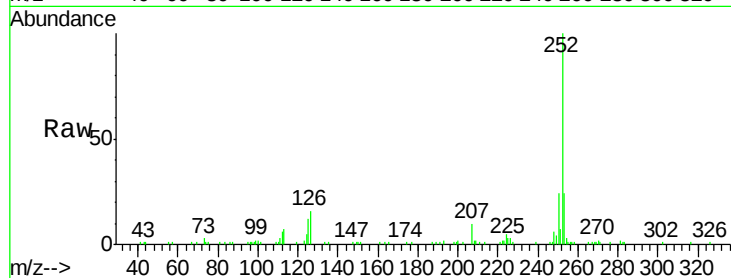
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Benzo(k)fluoranthene
Concen: 4.42 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004004.D
Acq: 14 Jan 2016 03:28

Instrument :
BNA_M
ClientSampleId :
BC9D4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	11.7	8.2	12.2

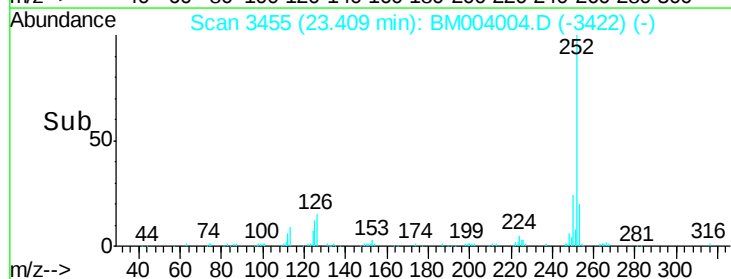
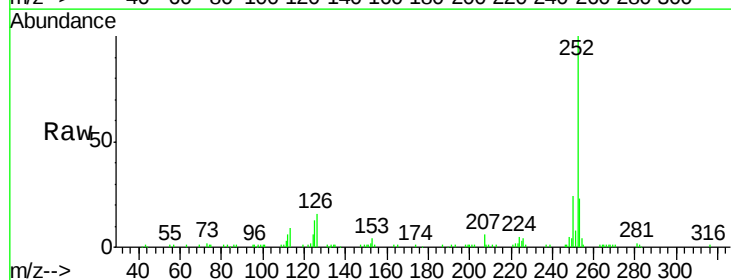
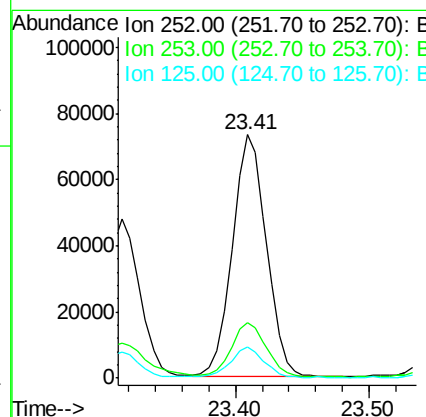
Manual Integrations
APPROVED

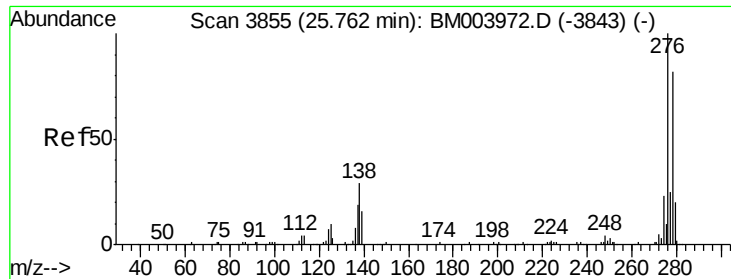
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1/14/2016 5:56:50 PM



#91
Benzo(a)pyrene
Concen: 9.95 ng/ul
RT: 23.41 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM004004.D
Acq: 14 Jan 2016 03:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.5	9.0	13.6





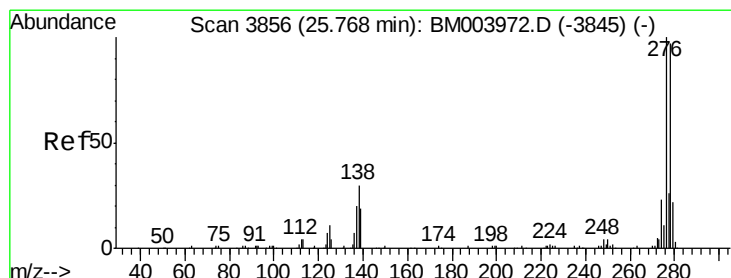
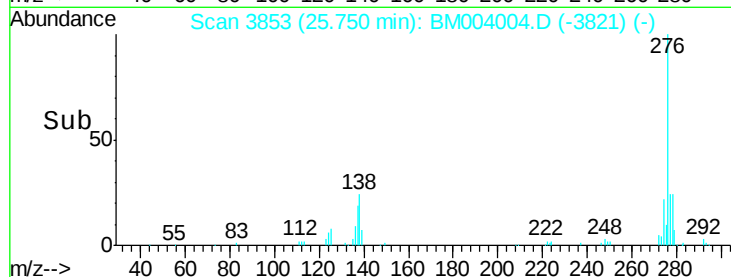
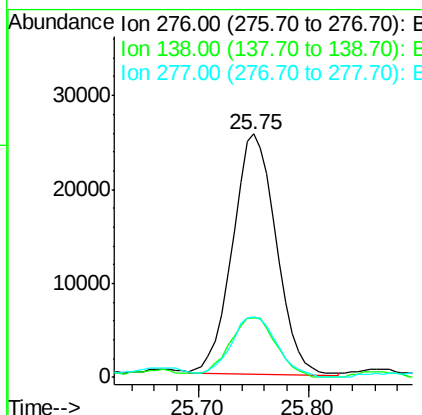
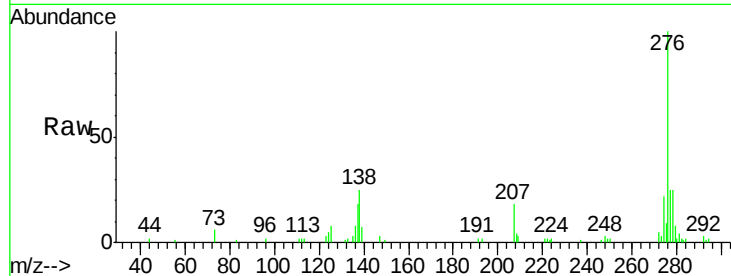
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.94 ng/ul
 RT: 25.75 min Scan# 3853
 Delta R.T. -0.01 min
 Lab File: BM004004.D
 Acq: 14 Jan 2016 03:28

Instrument :
 BNA_M
 ClientSampleId :
 BC9D4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.3	33.5
277	24.8	20.2	30.2

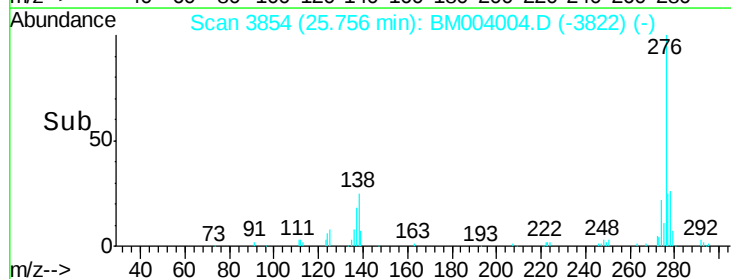
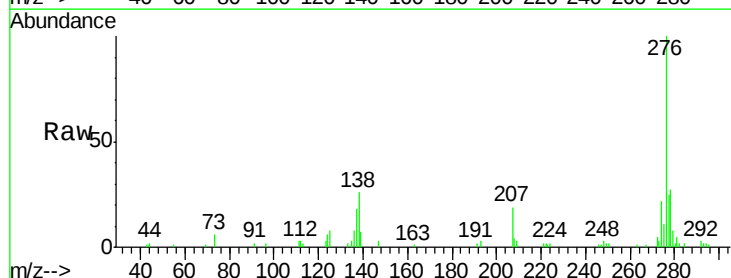
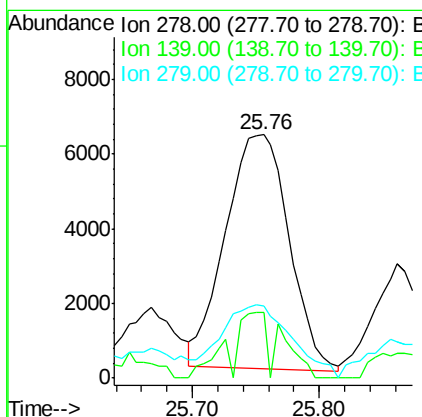
Manual Integrations
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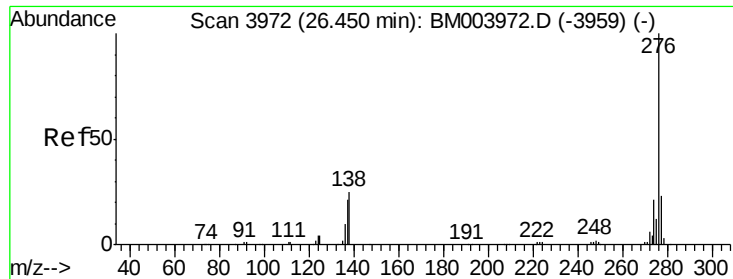
MMdadoda
 1/14/2016 5:56:50 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.80 ng/ul
 RT: 25.76 min Scan# 3854
 Delta R.T. -0.01 min
 Lab File: BM004004.D
 Acq: 14 Jan 2016 03:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.8	13.9	20.9#
279	29.7	19.0	28.4#





#94
 Benzo(g,h,i)perylene
 Concen: 5.80 ng/ul
 RT: 26.44 min Scan# 3970
 Delta R.T. -0.01 min
 Lab File: BM004004.D
 Acq: 14 Jan 2016 03:28

Instrument :
 BNA_M
 ClientSampleId :
 BC9D4

Tgt Ion:	276	Resp:	70366
Ion Ratio		Lower	Upper
276	100		
138	25.1	18.9	28.3
277	24.6	19.2	28.8

Manual Integrations
 APPROVED

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