

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
 Data File : BM002224.D
 Acq On : 04 Aug 2015 23:55
 Operator : TP/UM
 Sample : G3095-03RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01Q7RE

Manual Integrations
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MMDadoda
 8/7/2015 4:42:57 PM

Quant Time: Aug 05 05:03:02 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:56:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	137720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	521294	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	287896	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	624349	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	793703	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	819459	20.00	ng/ul	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	2.97	96	5323	2.20	ng/uL	0.00
5) Phenol-d5	6.72	99	124769	12.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	68728	12.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	111071	12.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	97556	11.48	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	51162	13.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	58409	13.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	104686	12.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	55591	5.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	277883	13.27	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	351705	13.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	31828	11.73	ng/ul	0.00
58) Fluorene-d10	15.20	176	246720	13.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	18311	5.09	ng/ul	0.00
71) Anthracene-d10	17.06	188	367490	13.22	ng/ul	0.00
79) Pyrene-d10	19.37	212	415473	10.94	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	506506	12.73	ng/ul	0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.36	128	29224	1.19	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	20497	1.08	ng/ul	97
45) Dimethylphthalate	13.66	163	115055	5.51	ng/ul	99
48) Acenaphthylene	13.92	152	56428	2.09	ng/ul	93
50) Acenaphthene	14.26	153	56581	3.21	ng/ul	98
54) Dibenzofuran	14.60	168	33331	1.30	ng/ul	95
59) Fluorene	15.26	166	53546	2.55	ng/ul	95
70) Phenanthrene	17.00	178	1020116	31.82	ng/ul	100
72) Anthracene	17.09	178	254344	7.76	ng/ul	98
75) Carbazole	17.37	167	68888	2.52	ng/ul	97
77) Fluoranthene	19.04	202	2492742	71.05	ng/ul	99
80) Pyrene	19.40	202	2442926	50.08	ng/ul	97
83) Benzo(a)anthracene	21.16	228	1525161	34.30	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	134901	5.39	ng/ul	98
85) Chrysene	21.21	228	1411923	34.49	ng/ul	96
88) Benzo(b)fluoranthene	22.72	252	1993745	43.18	ng/ul#	96
89) Benzo(k)fluoranthene	22.75	252	596621m	13.34	ng/ul	
91) Benzo(a)pyrene	23.28	252	1415053	32.09	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.58	276	927034	18.66	ng/ul	97
93) Dibenzo(a,h)anthracene	25.58	278	247524	5.84	ng/ul#	90
94) Benzo(a,h,i)perylene	26.26	276	850350	20.55	ng/ul	99

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BNA_M
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C01Q7RE

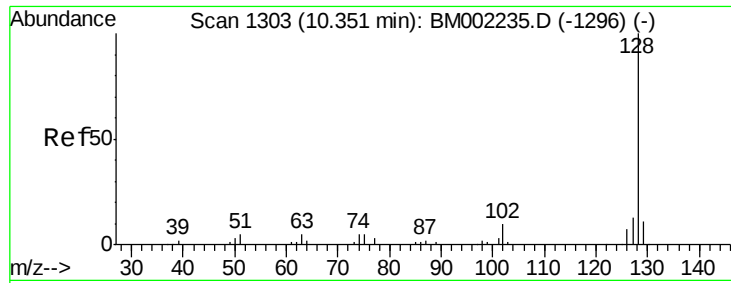
Manual Integrations
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Quant Time: Aug 05 05:03:02 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



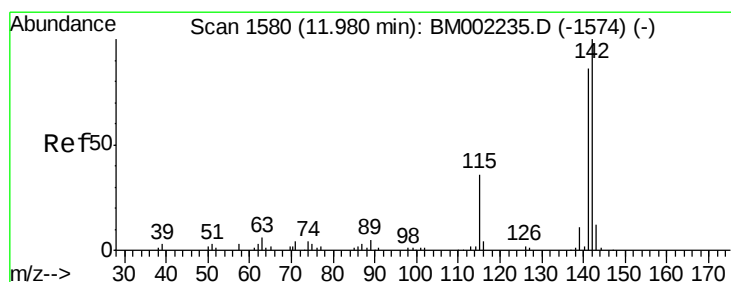
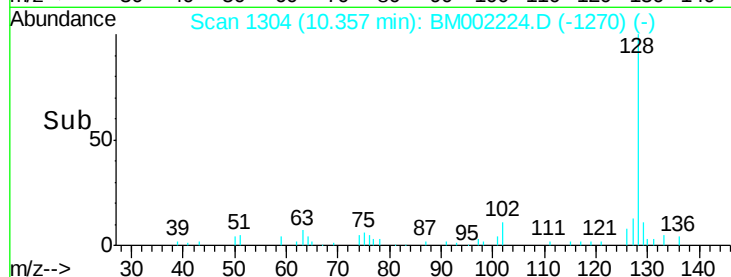
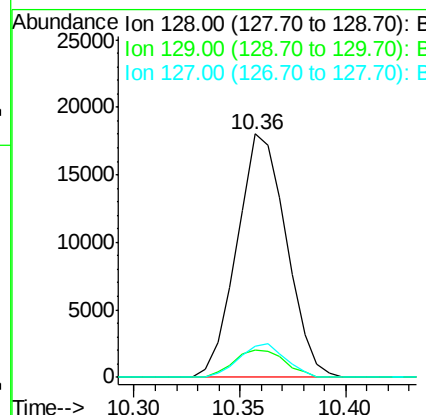
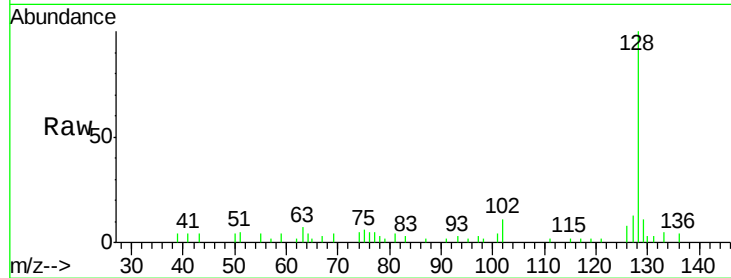
#28
Naphthalene
Concen: 1.19 ng/ul
RT: 10.36 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Instrument :
BNA_M
ClientSampleId :
C01Q7RE

Tot Ion	Ratio	Resp	Lower	Upper
128	100	29224		
129	11.5		8.2	12.2
127	12.8		10.1	15.1

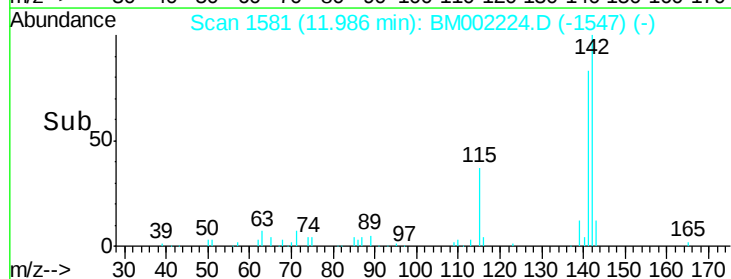
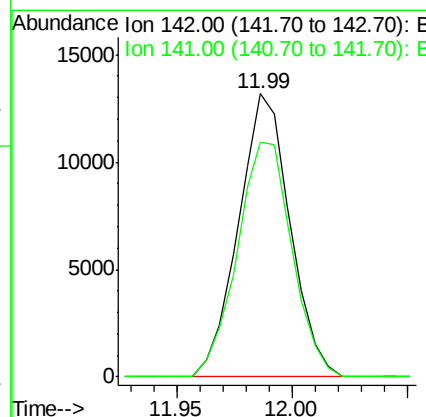
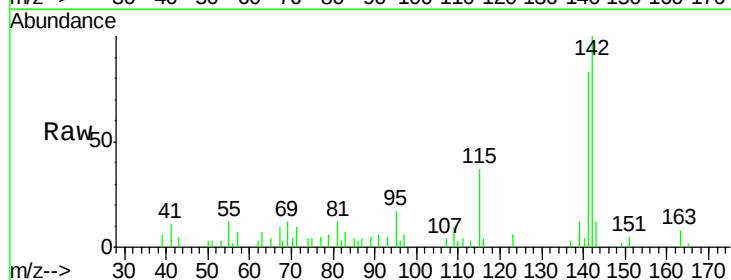
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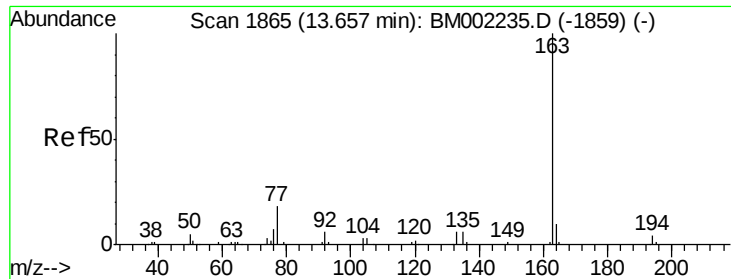
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#34
2-Methylnaphthalene
Concen: 1.08 ng/ul
RT: 11.99 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	20497		
141	83.1		68.9	103.3





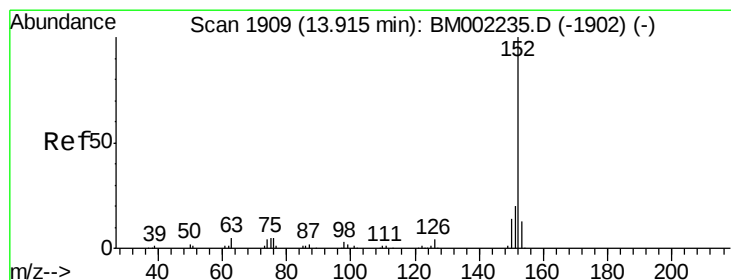
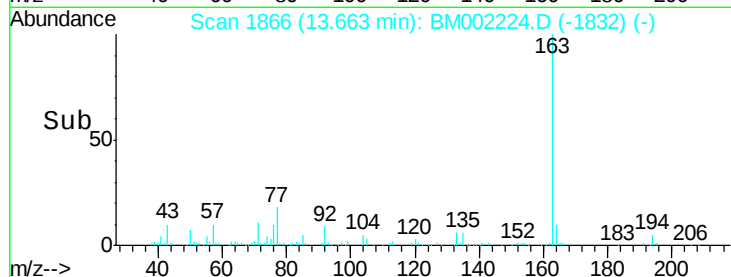
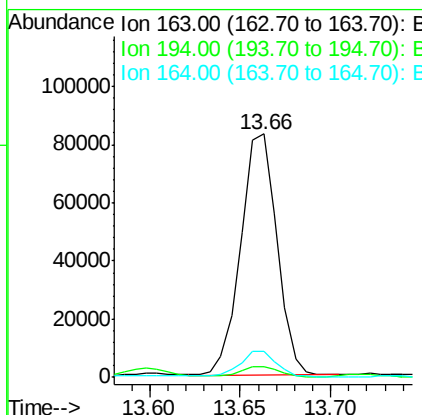
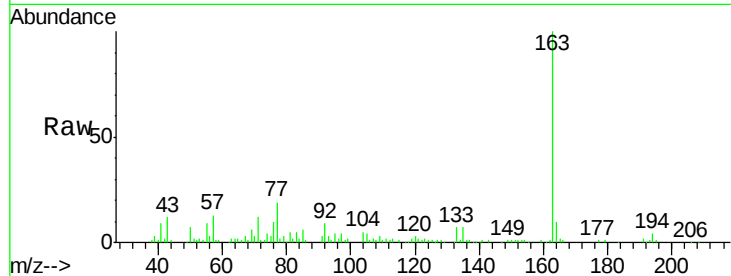
#45
Dimethylphthalate
Concen: 5.51 ng/ul
RT: 13.66 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Instrument :
BNA_M
ClientSampleId :
C01Q7RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	115055		
194	4.4		3.4	5.2
164	10.5		7.9	11.9

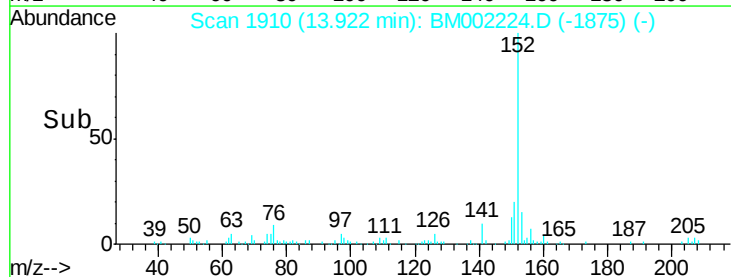
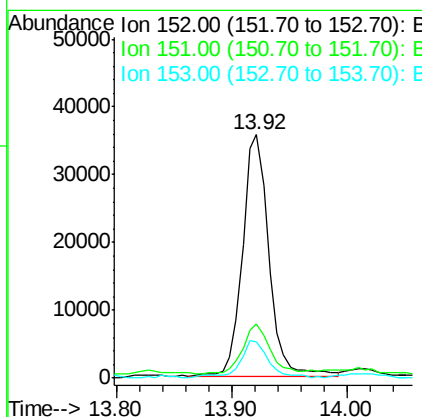
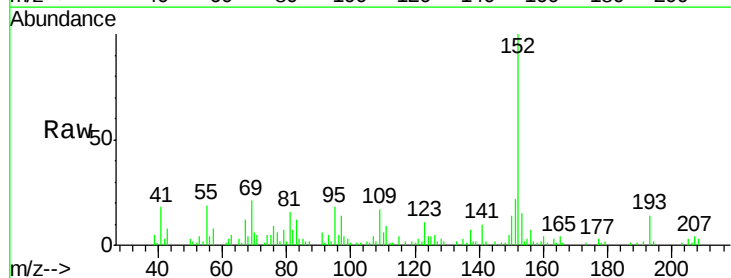
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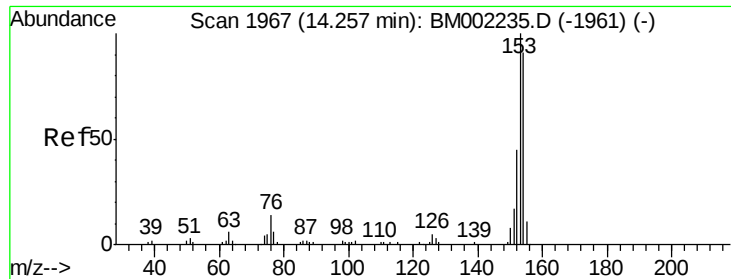
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#48
Acenaphthylene
Concen: 2.09 ng/ul
RT: 13.92 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	56428		
151	22.5		15.2	22.8
153	15.0		10.3	15.5





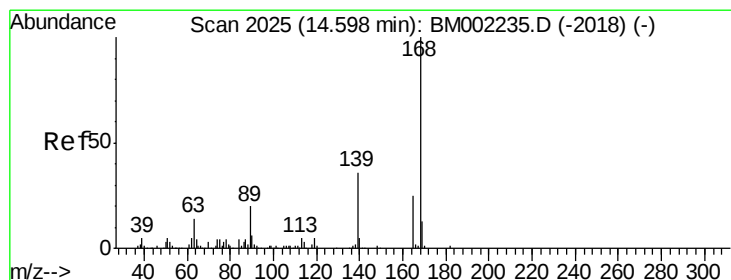
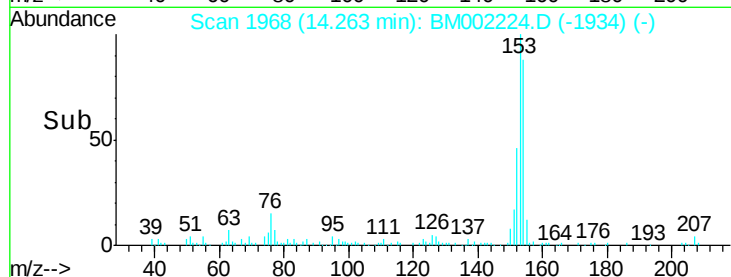
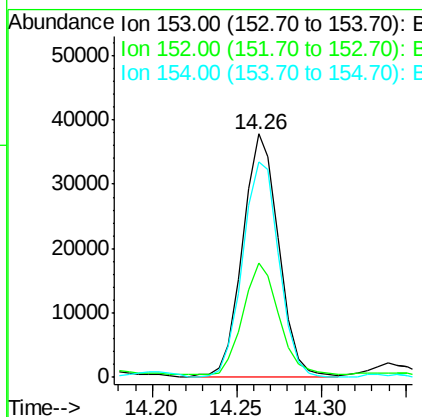
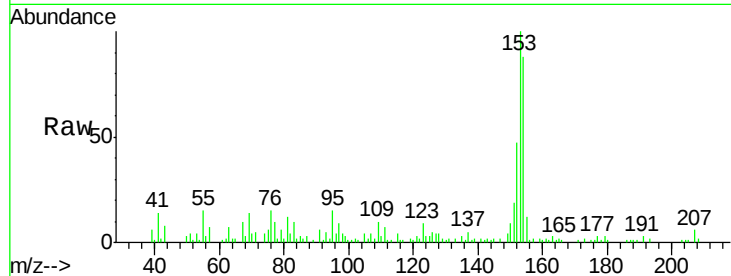
#50
Acenaphthene
Concen: 3.21 ng/ul
RT: 14.26 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Instrument :
BNA_M
ClientSampleId :
C01Q7RE

Tot Ion	Ratio	Lower	Upper
153	100		
152	46.8	36.6	54.8
154	88.2	71.7	107.5

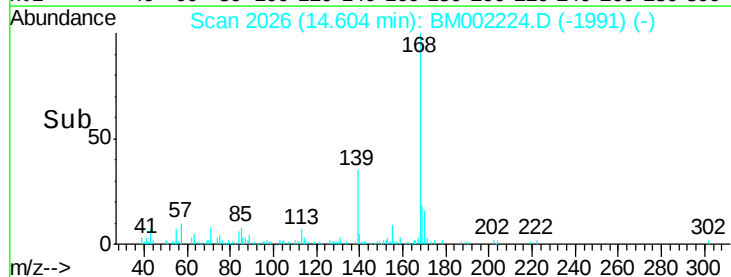
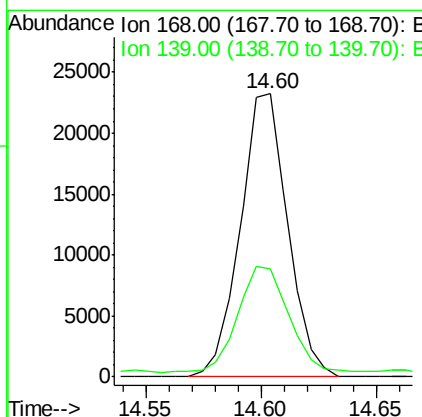
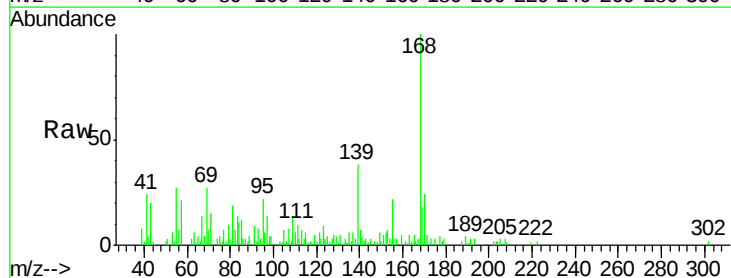
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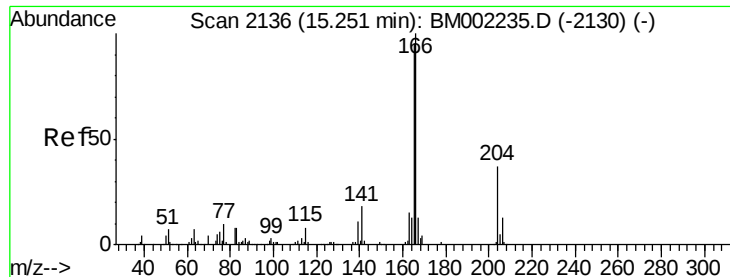
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#54
Dibenzofuran
Concen: 1.30 ng/ul
RT: 14.60 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	28.6	42.8





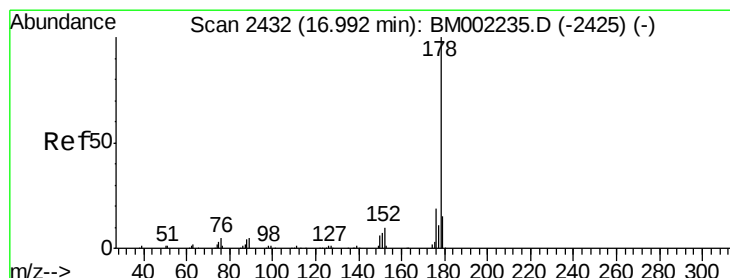
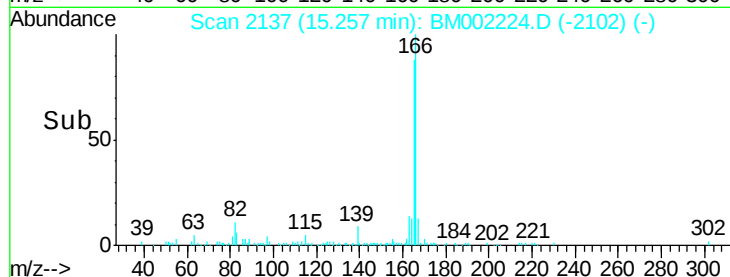
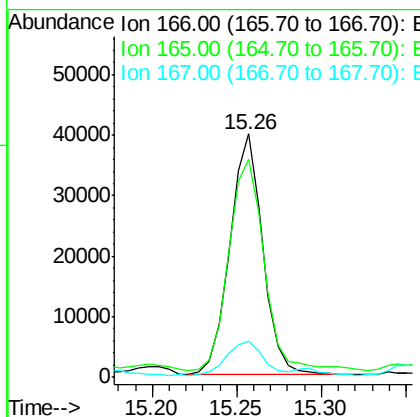
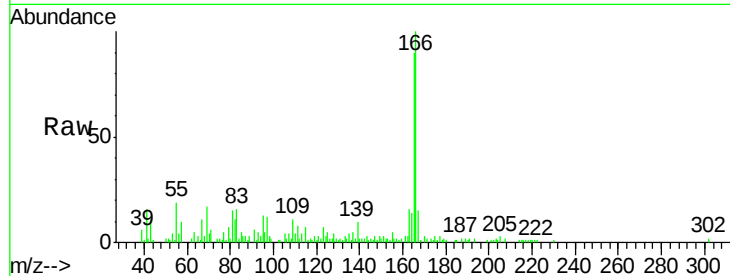
#59
Fluorene
 Concen: 2.55 ng/ul
 RT: 15.26 min Scan# 2137
 Delta R.T. 0.01 min
 Lab File: BM002224.D
 Acq: 04 Aug 2015 23:55

Instrument :
 BNA_M
 ClientSampleId :
 C01Q7RE

Tot Ion	Ratio	Resp	Lower	Upper
166	100	53546		
165	89.6	76.0	114.0	
167	14.9	10.5	15.7	

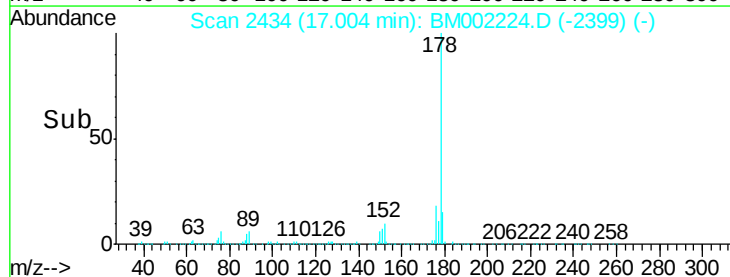
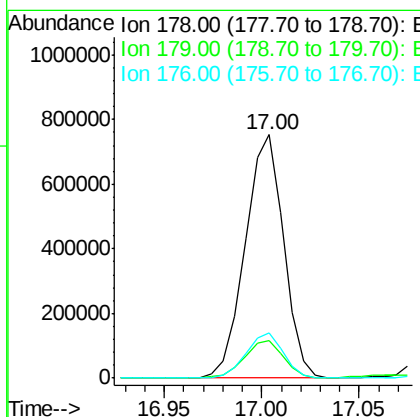
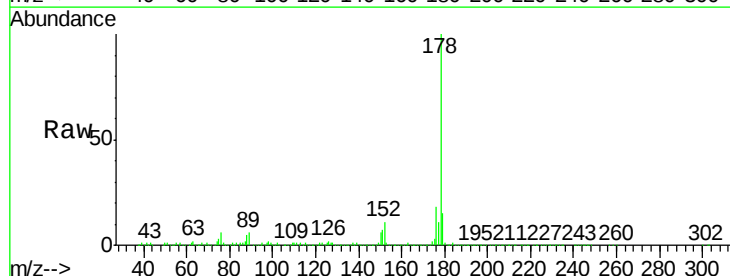
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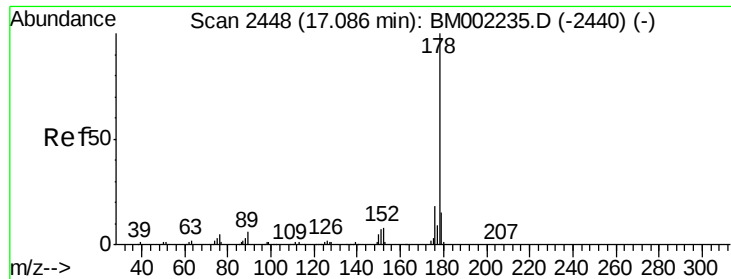
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#70
Phenanthrene
 Concen: 31.82 ng/ul
 RT: 17.00 min Scan# 2434
 Delta R.T. 0.01 min
 Lab File: BM002224.D
 Acq: 04 Aug 2015 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1020116		
179	15.4	12.2	18.4	
176	18.5	14.6	21.8	





#72

Anthracene

Concen: 7.76 ng/ul

RT: 17.09 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BM002224.D

Acq: 04 Aug 2015 23:55

Instrument :

BNA_M

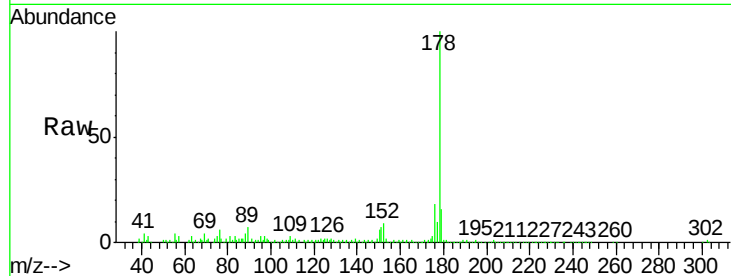
ClientSampleId :

C01Q7RE

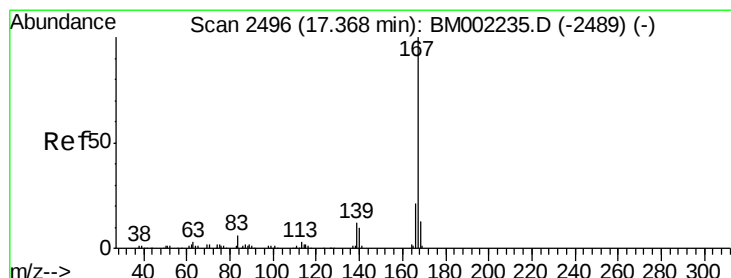
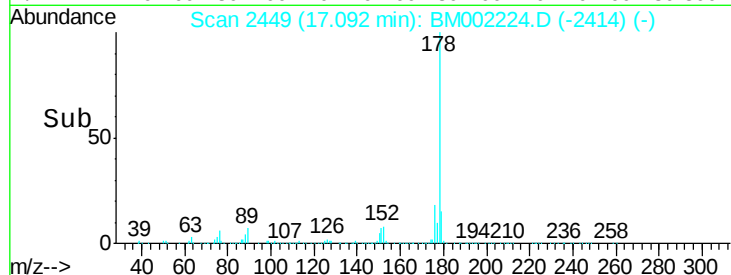
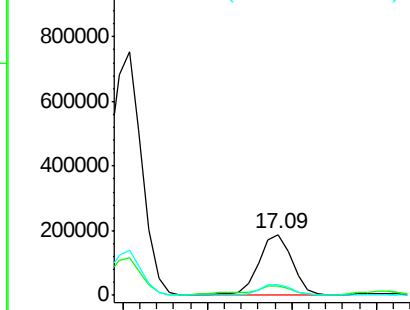
Tot Ion:178	Resp:	254344
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.2 18.2
176	18.0	13.8 20.6

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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



#75

Carbazole

Concen: 2.52 ng/ul

RT: 17.37 min Scan# 2496

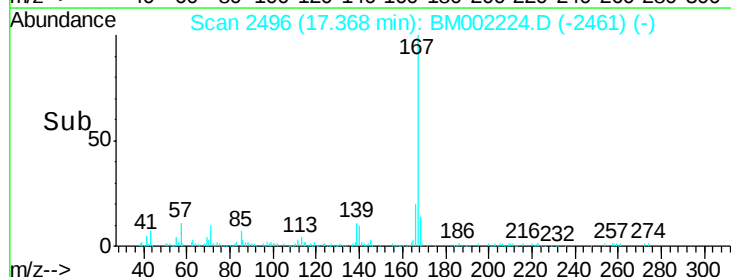
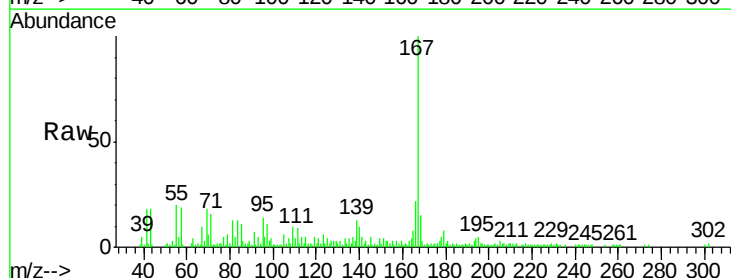
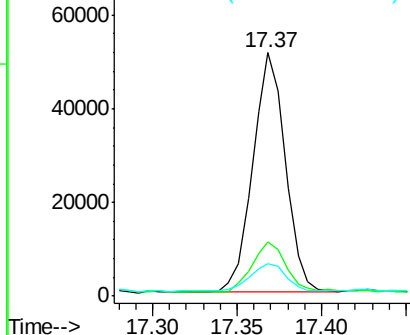
Delta R.T. 0.01 min

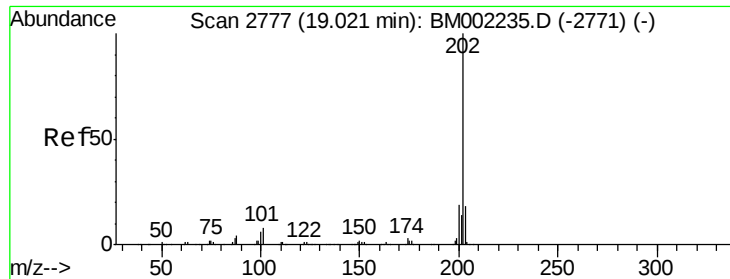
Lab File: BM002224.D

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Tgt Ion:167	Resp:	68888
Ion Ratio	Lower	Upper
167	100	
166	22.1	16.7 25.1
139	13.4	9.4 14.2

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





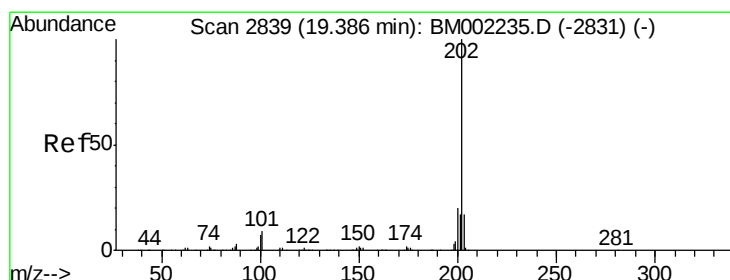
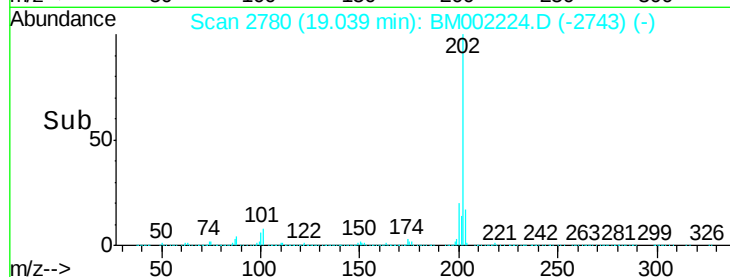
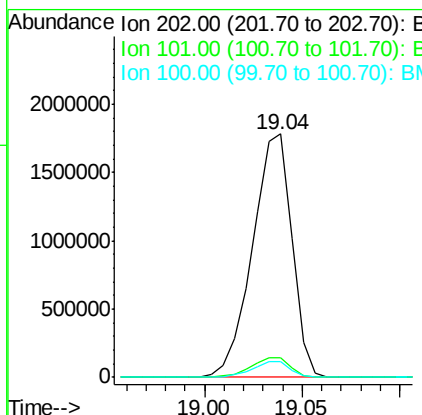
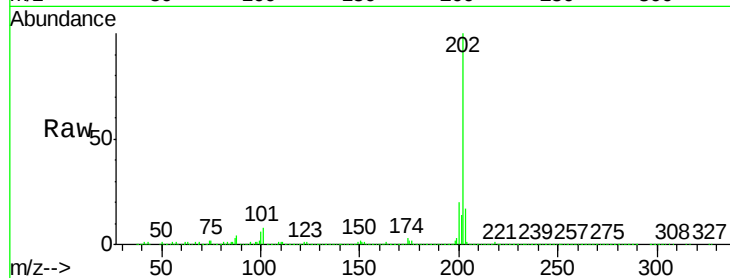
#77
Fluoranthene
 Concen: 71.05 ng/ul
 RT: 19.04 min Scan# 2780
 Delta R.T. 0.02 min
 Lab File: BM002224.D
 Acq: 04 Aug 2015 23:55

Instrument :
 BNA_M
 ClientSampleId :
 C01Q7RE

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.2	9.2
100	6.2	4.8	7.2

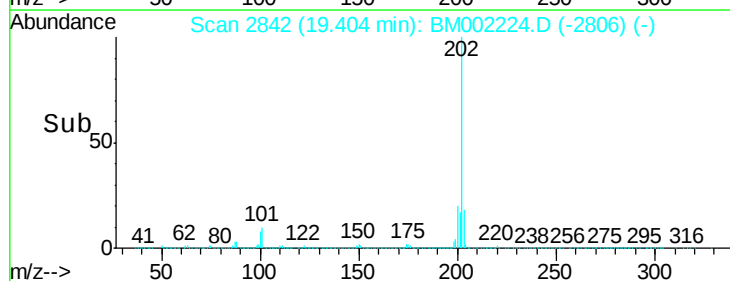
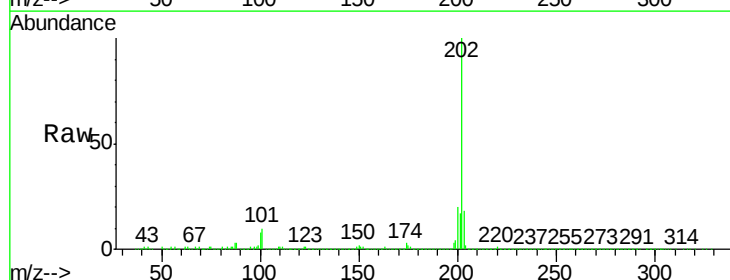
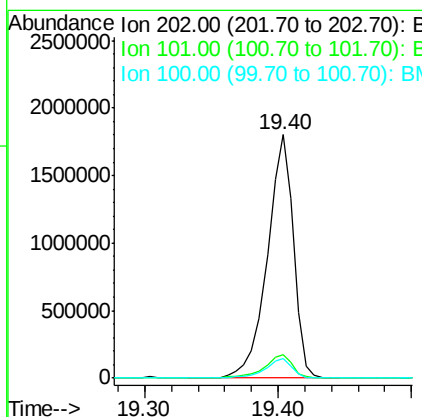
Manual Integrations
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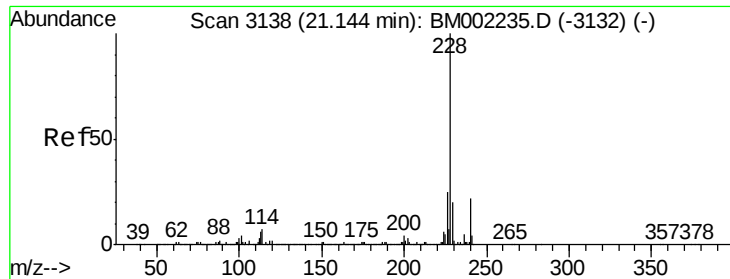
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#80
Pyrene
 Concen: 50.08 ng/ul
 RT: 19.40 min Scan# 2842
 Delta R.T. 0.01 min
 Lab File: BM002224.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.0	10.6
100	8.1	5.8	8.8





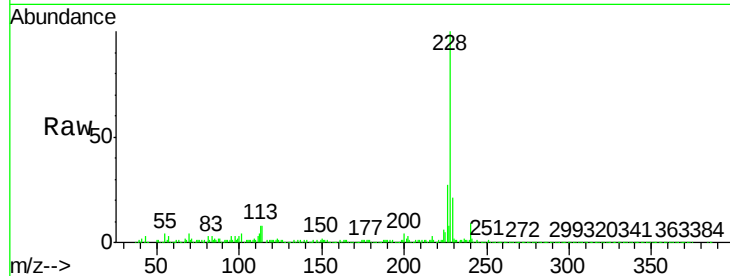
#83
Benzo(a)anthracene
Concen: 34.30 ng/ul
RT: 21.16 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Instrument :
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ClientSampleId :
C01Q7RE

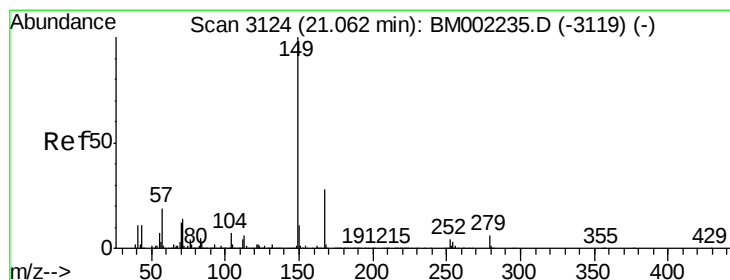
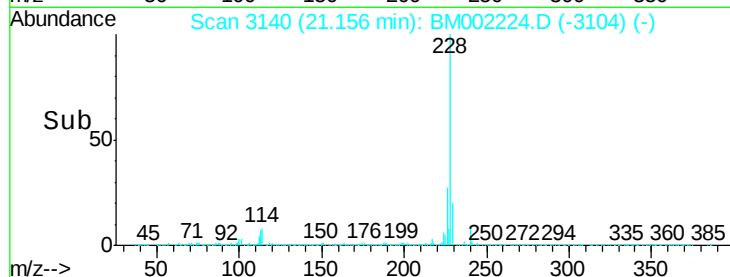
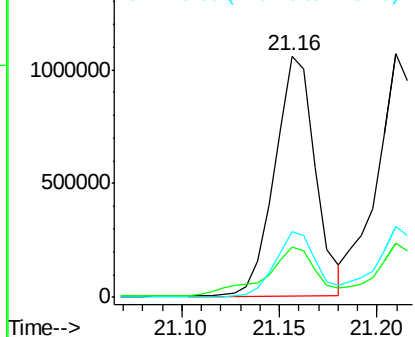
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	27.0	20.6	31.0

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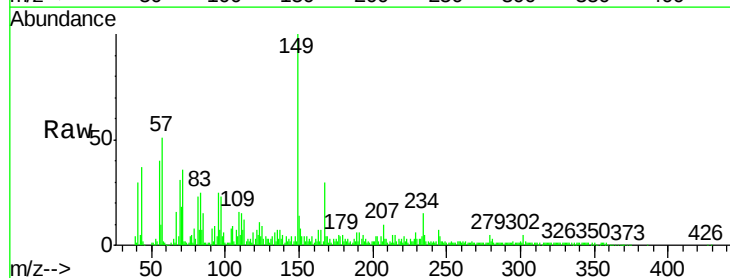


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

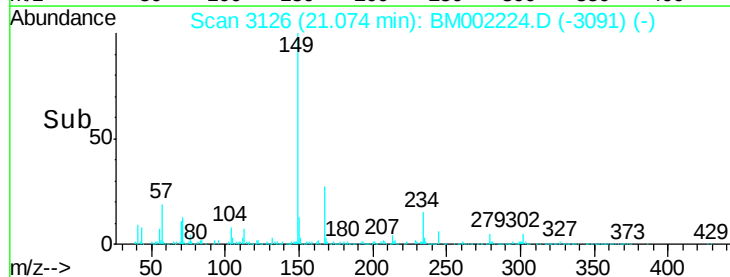
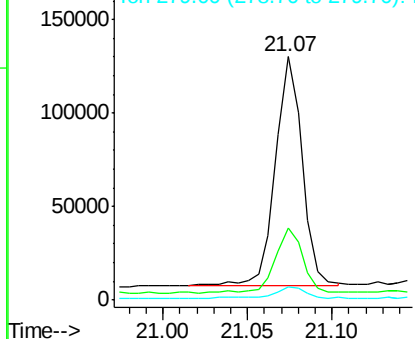


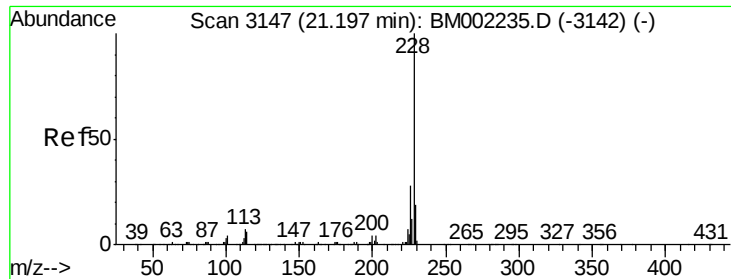
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.39 ng/ul
RT: 21.07 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.0	34.4
279	5.4	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





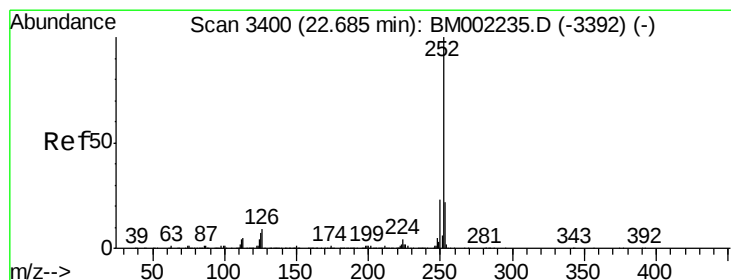
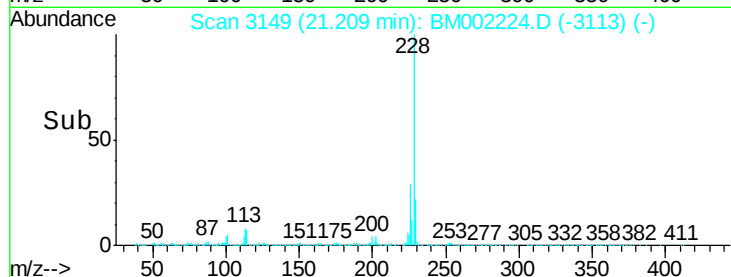
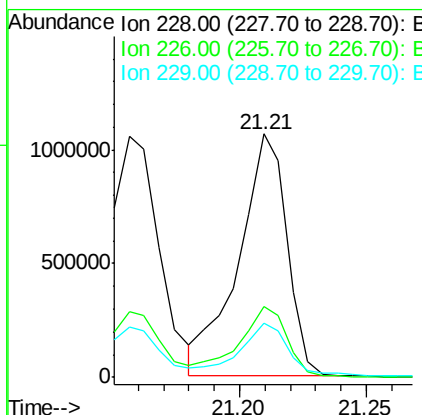
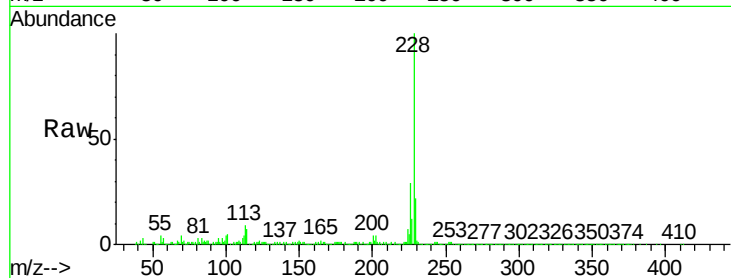
#85
Chrysene
Concen: 34.49 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Instrument :
BNA_M
ClientSampleId :
C01Q7RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.4
229	22.1	15.5	23.3

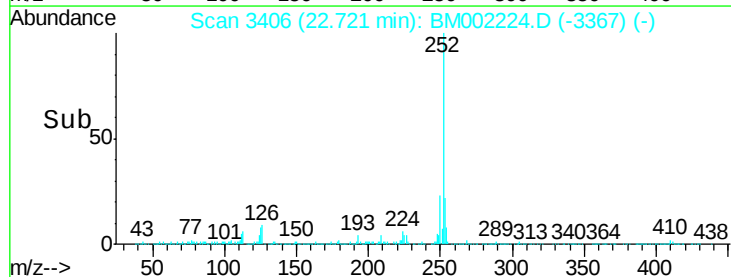
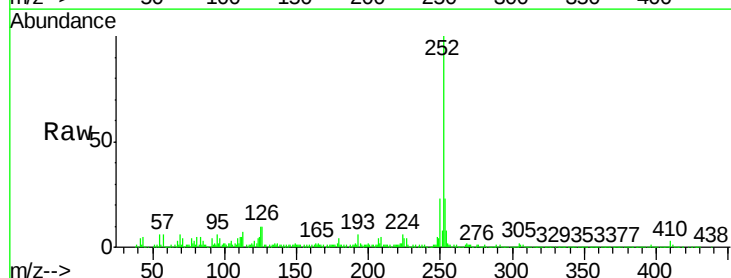
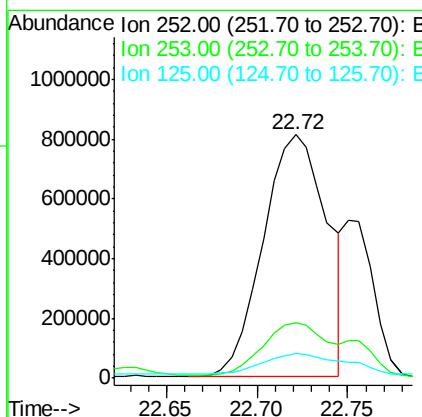
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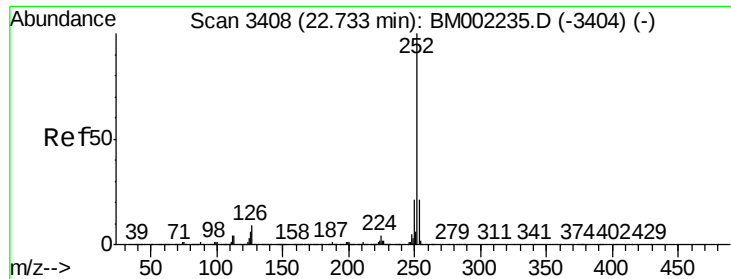
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#88
Benzo(b)fluoranthene
Concen: 43.18 ng/ul
RT: 22.72 min Scan# 3406
Delta R.T. 0.03 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	10.1	5.4	8.2#





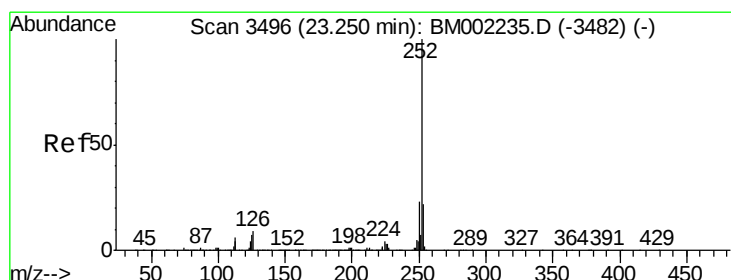
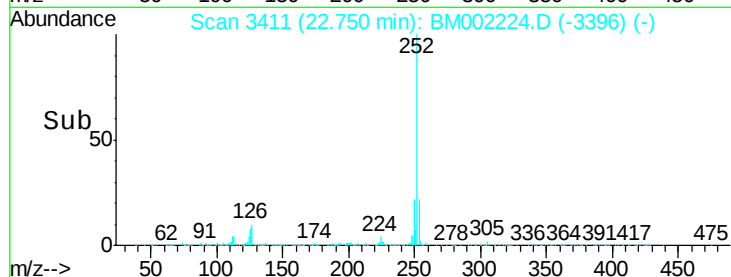
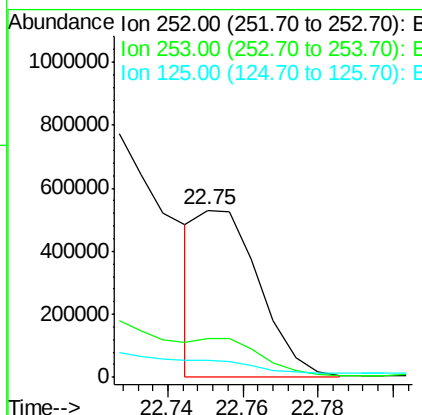
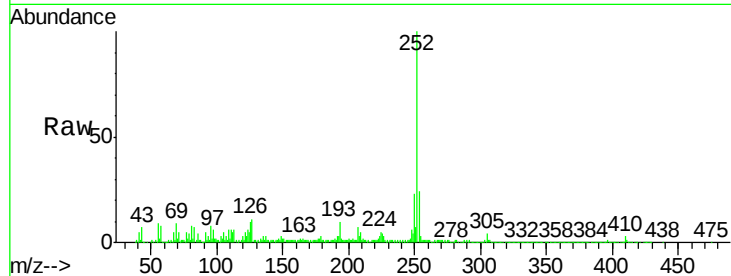
#89
Benzo(k)fluoranthene
Concen: 13.34 ng/ul m
RT: 22.75 min Scan# 3411
Delta R.T. 0.02 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Instrument :
BNA_M
ClientSampleId :
C01Q7RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	10.3	5.6	8.4

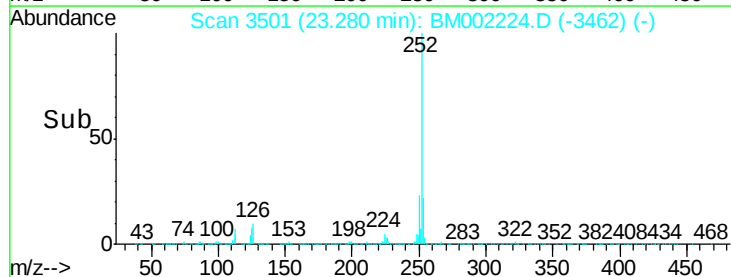
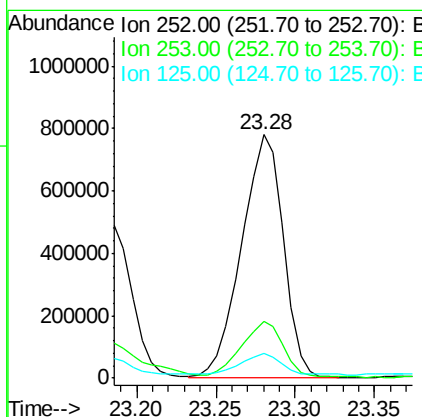
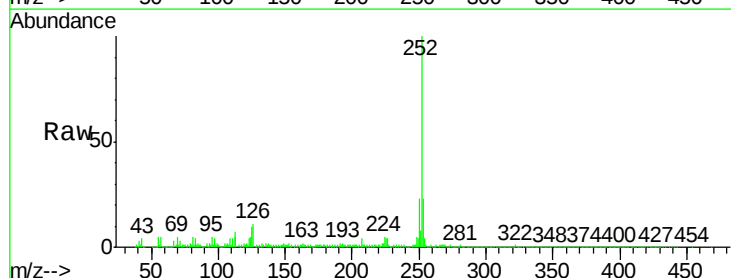
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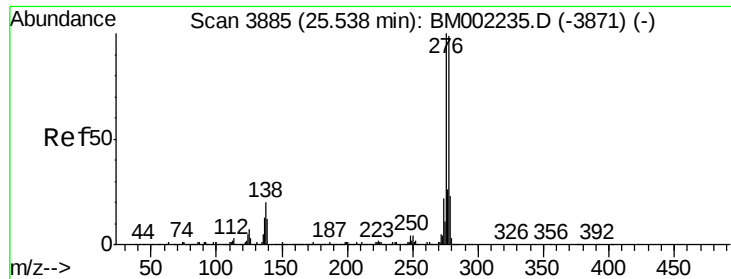
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#91
Benzo(a)pyrene
Concen: 32.09 ng/ul
RT: 23.28 min Scan# 3501
Delta R.T. 0.03 min
Lab File: BM002224.D
Acq: 04 Aug 2015 23:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	9.9	6.1	9.1





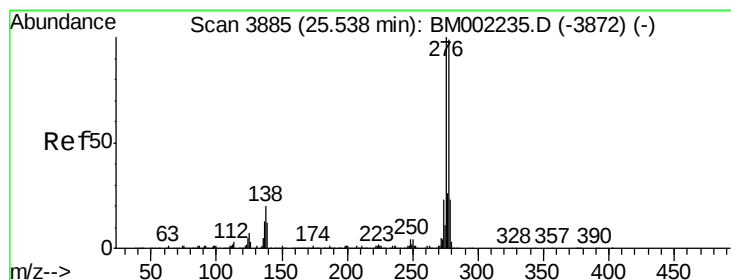
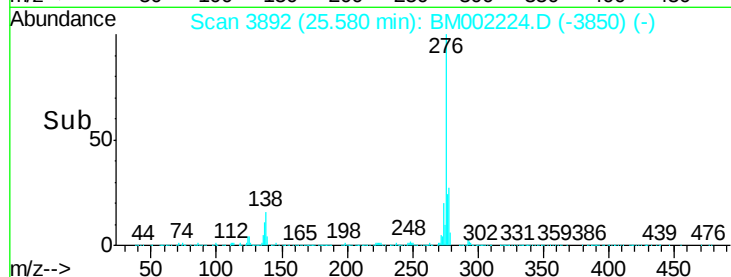
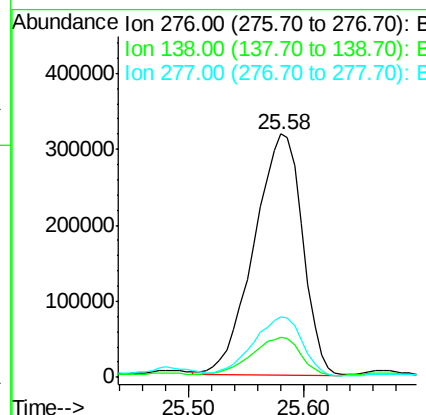
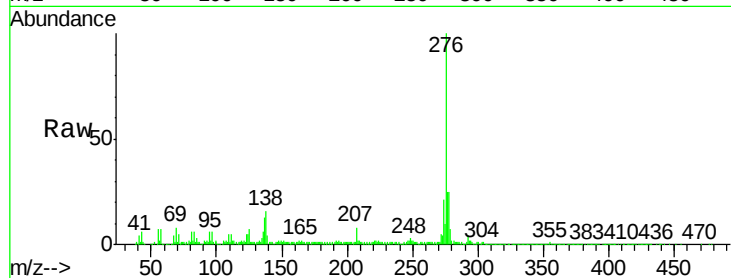
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 18.66 ng/ul
 RT: 25.58 min Scan# 3892
 Delta R.T. 0.05 min
 Lab File: BM002224.D
 Acq: 04 Aug 2015 23:55

Instrument :
 BNA_M
 ClientSampleId :
 C01Q7RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.4	23.0
277	24.7	20.2	30.2

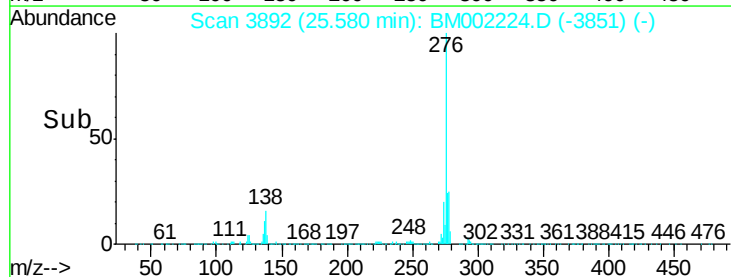
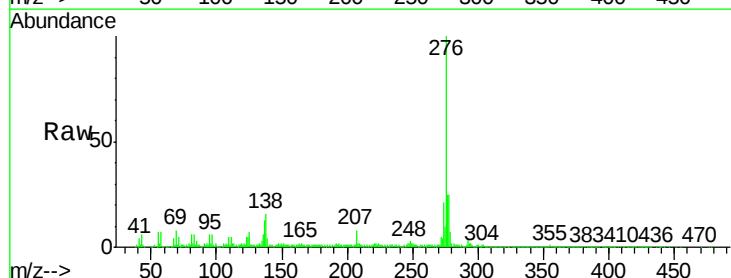
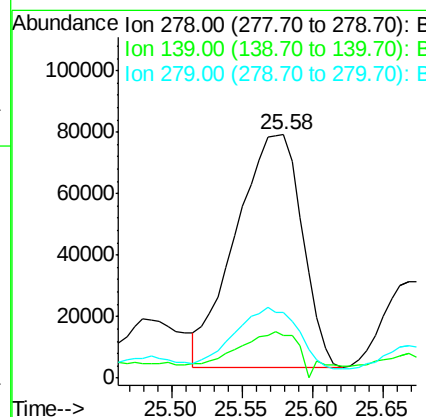
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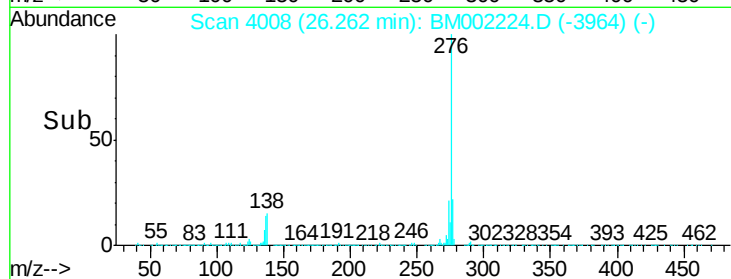
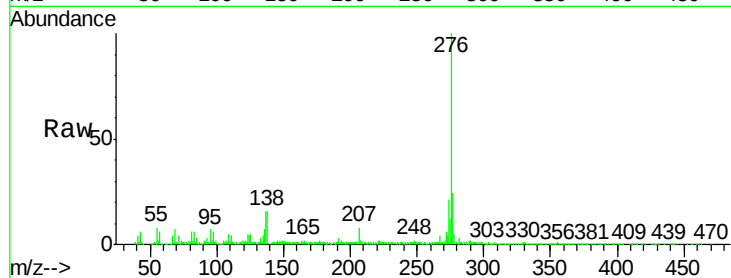
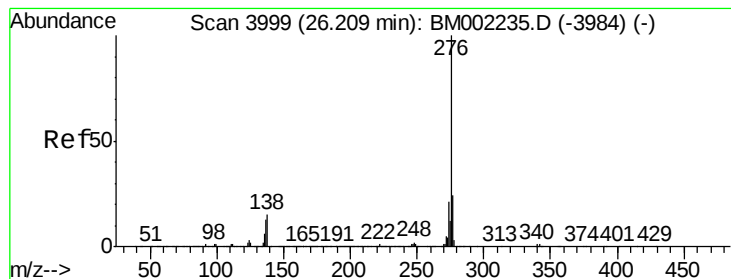
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#93
 Dibenzo(a,h)anthracene
 Concen: 5.84 ng/ul
 RT: 25.58 min Scan# 3892
 Delta R.T. 0.04 min
 Lab File: BM002224.D
 Acq: 04 Aug 2015 23:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	10.4	15.6#
279	27.0	17.9	26.9#





#94

Benzo(a,h,i)perylene

Concen: 20.55 ng/ul

RT: 26.26 min Scan# 4008

Delta R.T. 0.06 min

Lab File: BM002224.D

Acq: 04 Aug 2015 23:55

Tot Ion:	276	Resp:	850350
Ion Ratio	Lower	Upper	
276	100		
138	16.2	12.5	18.7
277	24.4	19.4	29.0

Instrument :

BNA_M

ClientSampleId :

C01Q7RE

Manual Integrations
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