

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002236.D
 Acq On : 05 Aug 2015 17:18
 Operator : TP/UM
 Sample : G3073-06RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01N6RE

Manual Integrations
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 8/11/2015 9:10:11 AM

Quant Time: Aug 06 18:16:34 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 01:44:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	86294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	400990	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	270470	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	617385	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	607291	20.00	ng/ul	0.01
86) Perylene-d12	23.36	264	473611	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	1965	1.29	ng/uL	0.00
5) Phenol-d5	6.72	99	55060m	8.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	28919	8.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	46391	8.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	45198	8.49	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	23265	8.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	26706	7.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	48164m	7.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	32156	4.43	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	163642	8.32	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	193429	7.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	12736	5.00	ng/ul	0.02
58) Fluorene-d10	15.19	176	143139	8.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	16060	4.51	ng/ul	0.00
71) Anthracene-d10	17.05	188	218117	7.94	ng/ul	0.00
79) Pyrene-d10	19.36	212	239565	8.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	195891	8.52	ng/ul	0.01

Target Compounds

						Ovalue
28) Naphthalene	10.35	128	39391	2.08	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	18787	1.29	ng/ul	96
45) Dimethylphthalate	13.65	163	73256	3.73	ng/ul	98
50) Acenaphthene	14.26	153	103596	6.25	ng/ul	98
54) Dibenzofuran	14.60	168	83886	3.49	ng/ul	98
59) Fluorene	15.25	166	108125	5.48	ng/ul	99
70) Phenanthrene	17.00	178	1841776	58.10	ng/ul	100
72) Anthracene	17.09	178	376178	11.61	ng/ul	99
75) Carbazole	17.37	167	198403	7.35	ng/ul	99
77) Fluoranthene	19.03	202	2570422	74.09	ng/ul	99
80) Pyrene	19.40	202	2160723	57.89	ng/ul	99
83) Benzo(a)anthracene	21.15	228	1000570	29.41	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	95477	4.99	ng/ul	96
85) Chrysene	21.20	228	868836	27.74	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	1061361	39.77	ng/ul#	95
89) Benzo(k)fluoranthene	22.74	252	300934m	11.64	ng/ul	
91) Benzo(a)pyrene	23.26	252	710155	27.86	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.55	276	438354	15.26	ng/ul	95
93) Dibenzo(a,h)anthracene	25.54	278	114380	4.67	ng/ul#	85
94) Benzo(g,h,i)perylene	26.23	276	369021	15.43	ng/ul	98

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

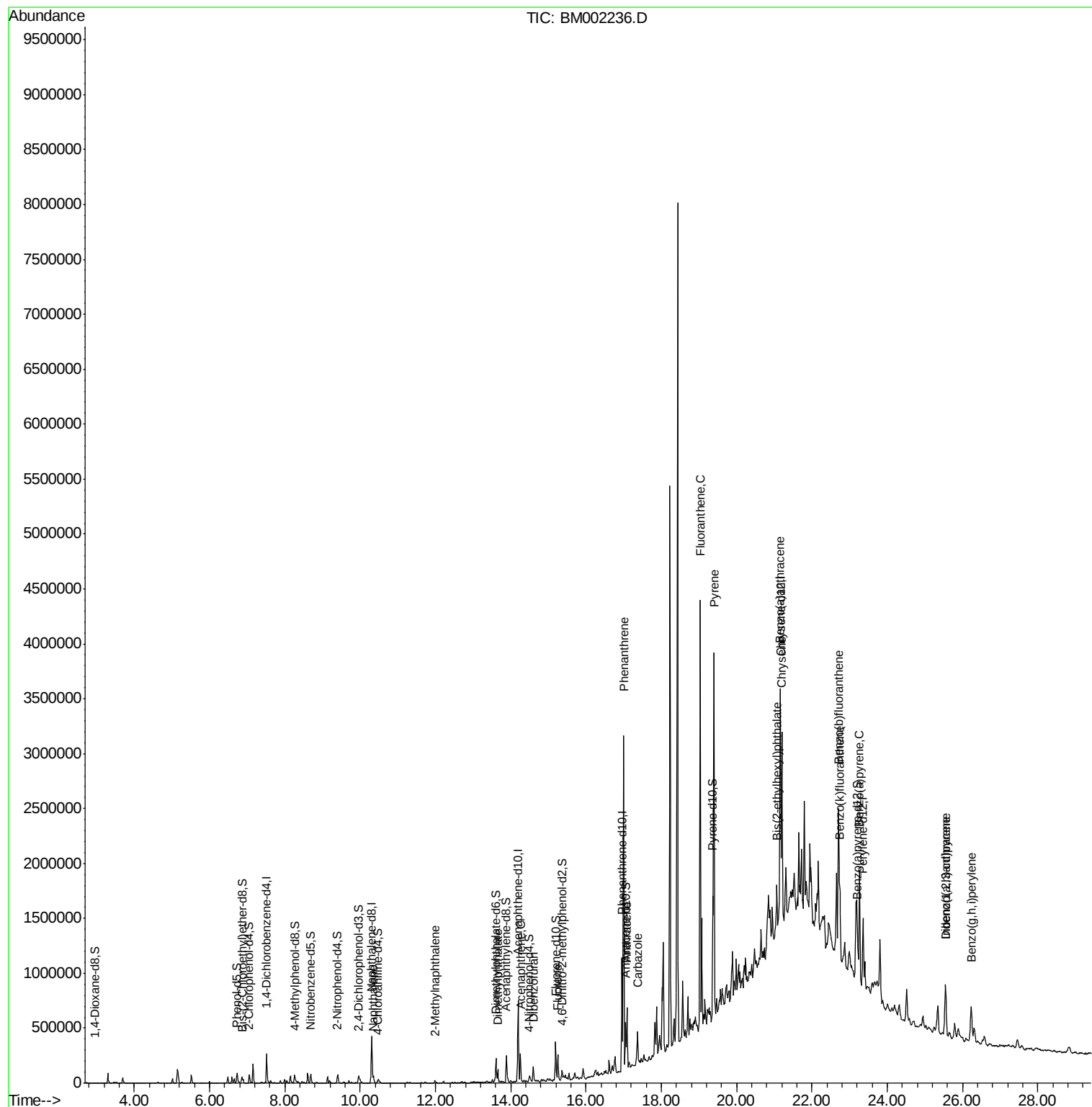
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002236.D
Acq On : 05 Aug 2015 17:18
Operator : TP/UM
Sample : G3073-06RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

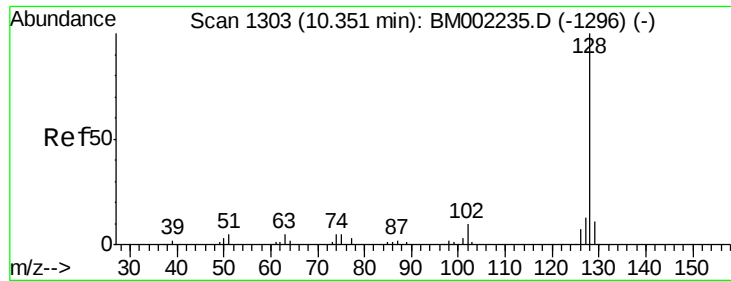
Instrument :
BNA_M
ClientSampleId :
C01N6RE

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Quant Title : SVOA CALIBRATION
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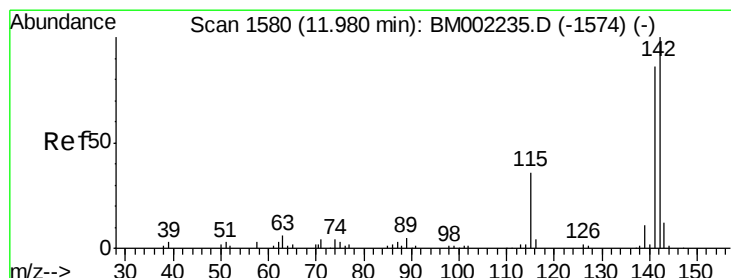
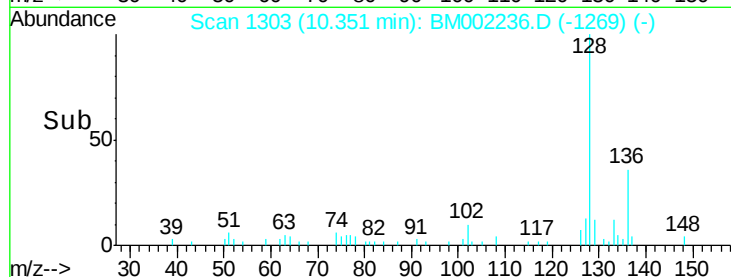
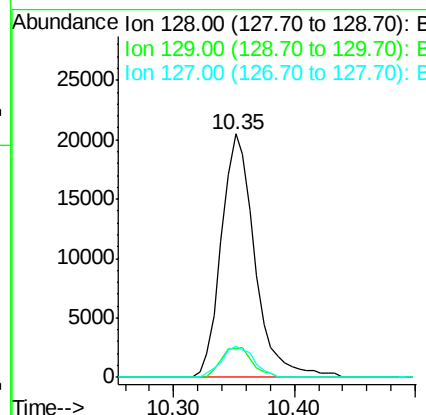
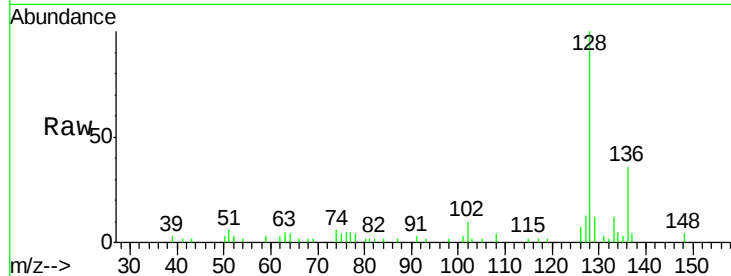
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Naphthalene
Concen: 2.08 ng/ul
RT: 10.35 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Instrument :
BNA_M
ClientSampled :
C01N6RE

Tot Ion	Ratio	Resp	Lower	Upper
128	100	39391		
129	11.5	8.2	12.2	
127	12.8	10.1	15.1	

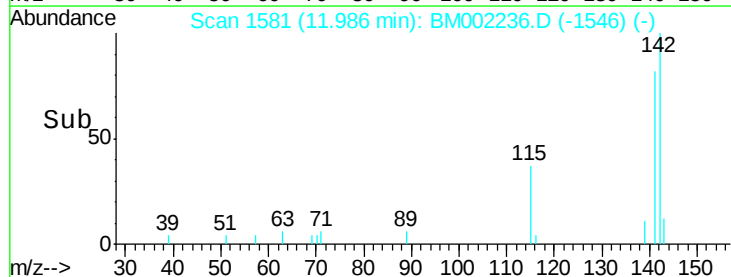
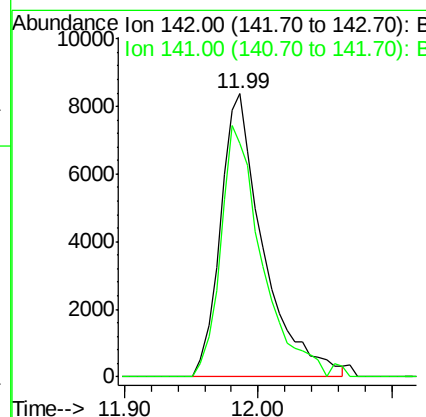
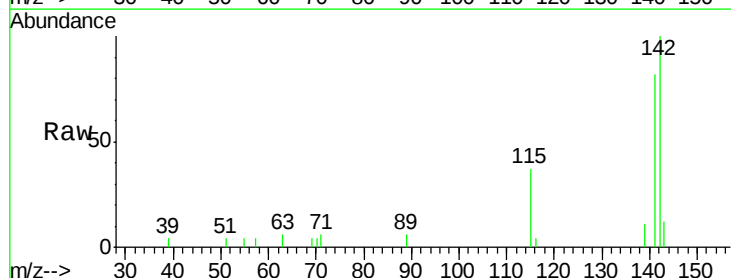
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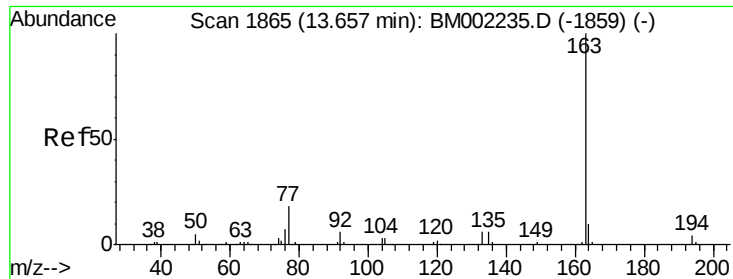
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#34
2-Methylnaphthalene
Concen: 1.29 ng/ul
RT: 11.99 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	18787		
141	82.4	68.9	103.3	





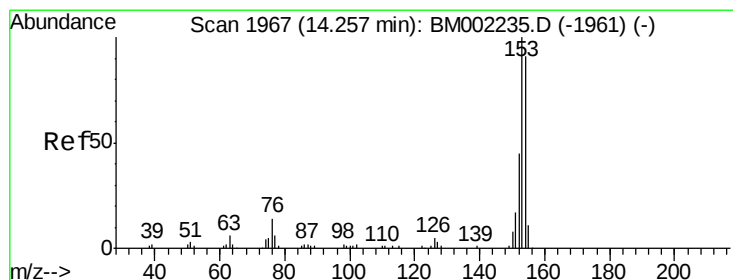
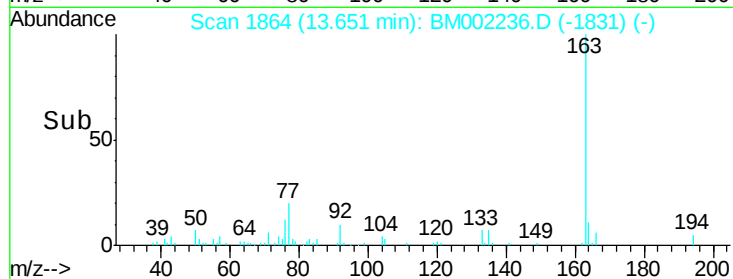
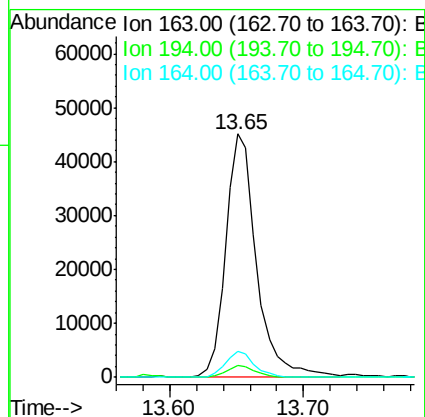
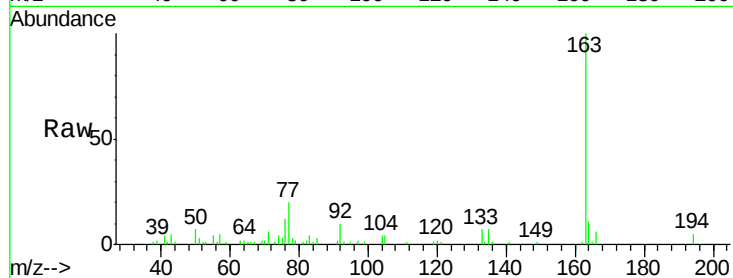
#45
Dimethylphthalate
Concen: 3.73 ng/ul
RT: 13.65 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Instrument :
BNA_M
ClientSampleId :
C01N6RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.6	7.9	11.9

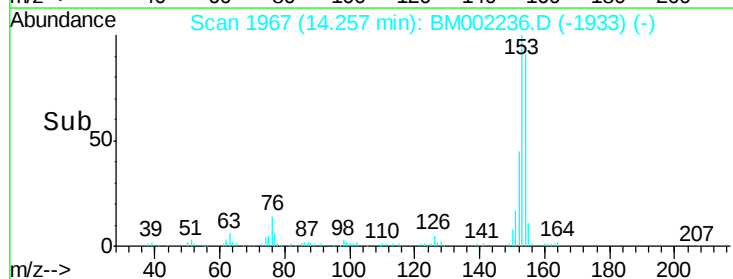
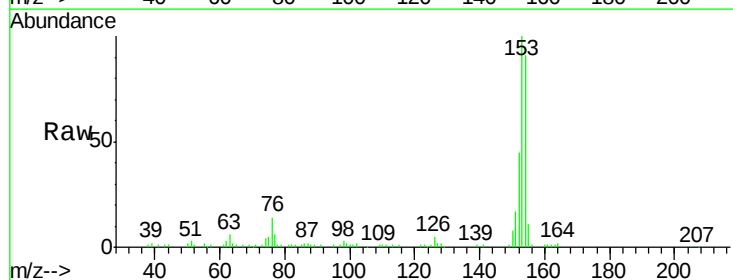
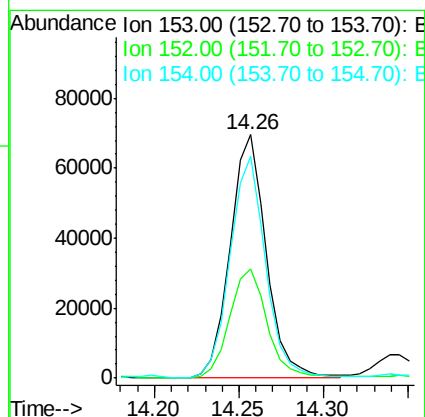
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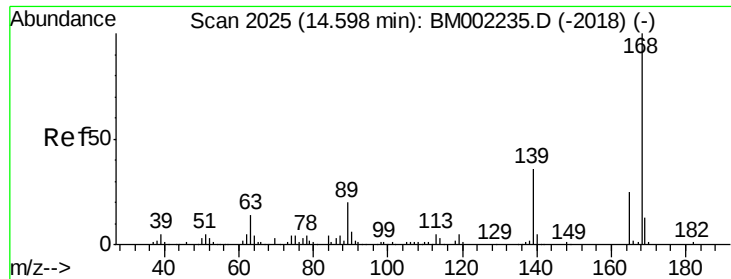
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#50
Acenaphthene
Concen: 6.25 ng/ul
RT: 14.26 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.8	36.6	54.8
154	91.2	71.7	107.5





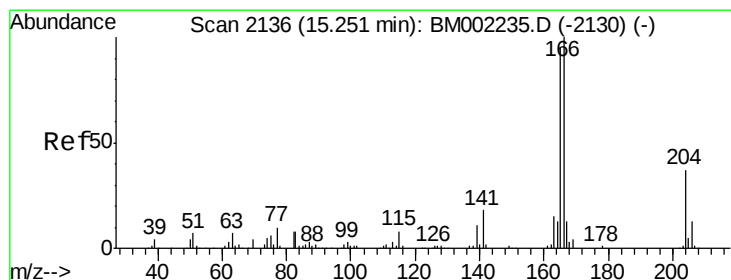
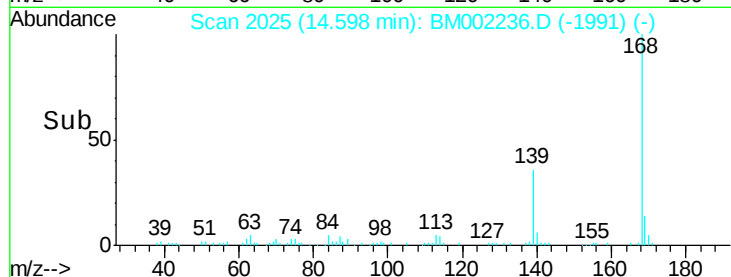
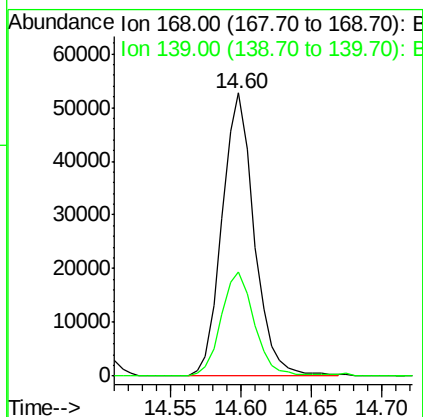
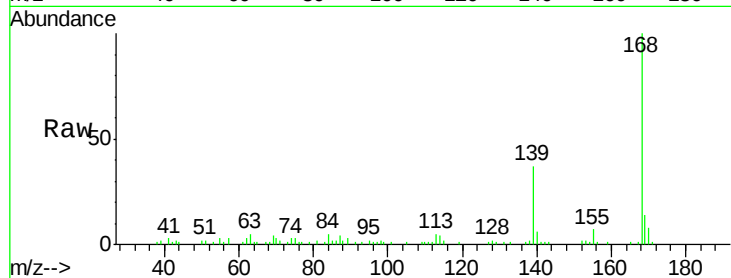
#54
Dibenzenofuran
Concen: 3.49 ng/ul
RT: 14.60 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Instrument :
BNA_M
ClientSampleId :
C01N6RE

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	28.6	42.8

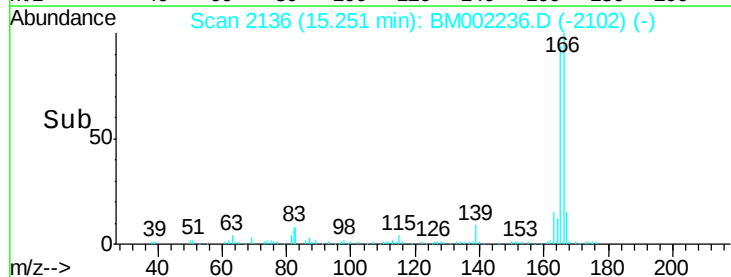
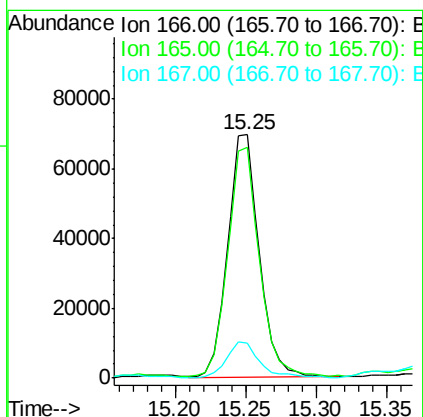
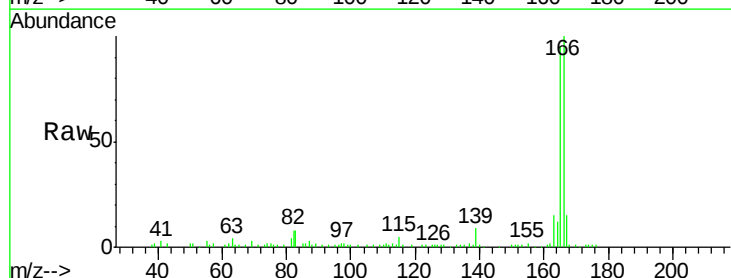
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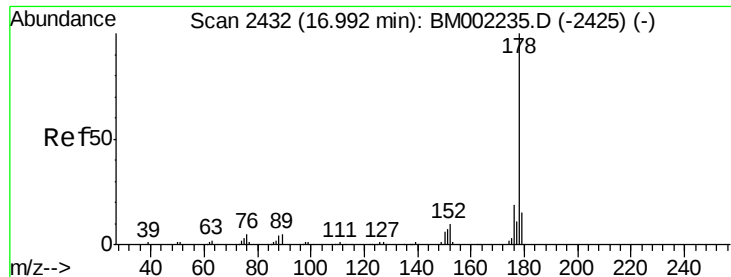
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#59
Fluorene
Concen: 5.48 ng/ul
RT: 15.25 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.8	76.0	114.0
167	14.6	10.5	15.7





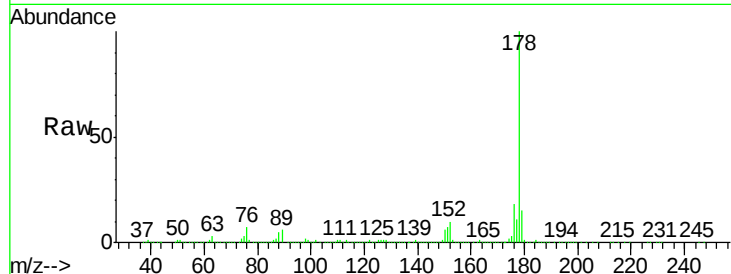
#70
Phenanthrene
Concen: 58.10 ng/ul
RT: 17.00 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Instrument :
BNA_M
ClientSampleId :
C01N6RE

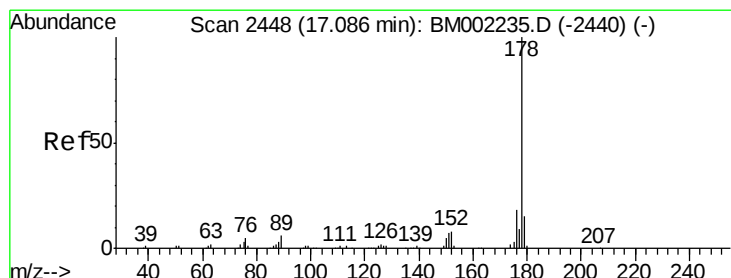
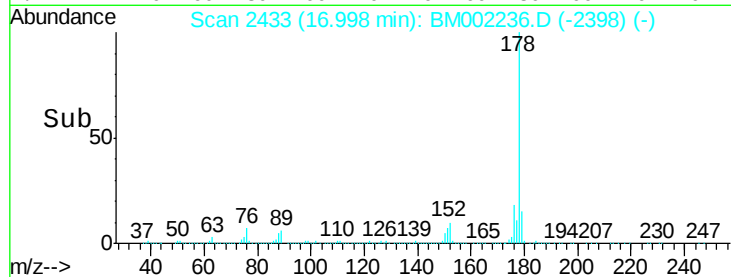
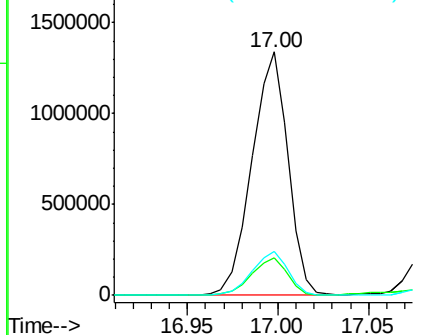
Tot Ion:178 Resp: 1841776
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.1 14.6 21.8

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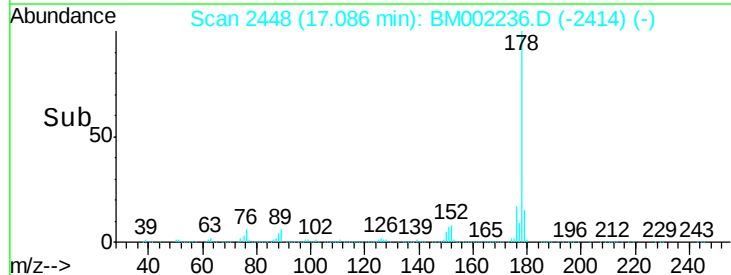
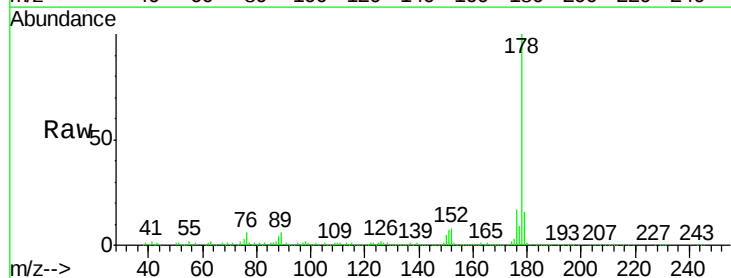
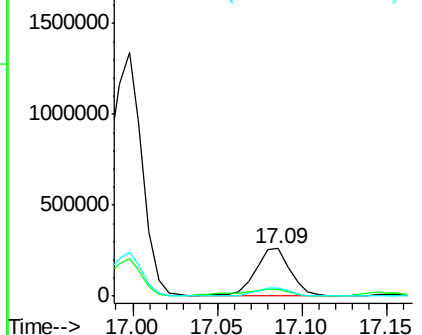
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

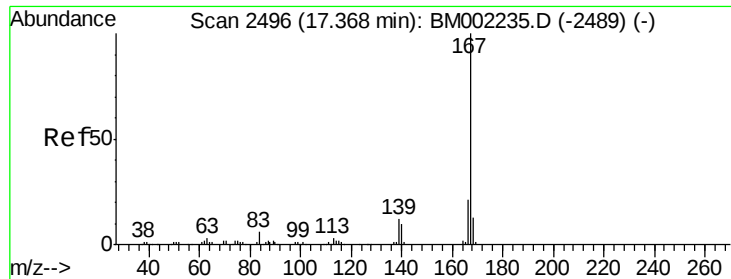


#72
Anthracene
Concen: 11.61 ng/ul
RT: 17.09 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Tgt Ion:178 Resp: 376178
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 17.5 13.8 20.6

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: 7.35 ng/ul

RT: 17.37 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BM002236.D

Acq: 05 Aug 2015 17:18

Instrument :

BNA_M

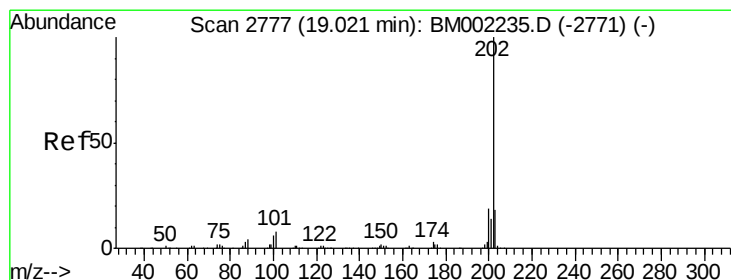
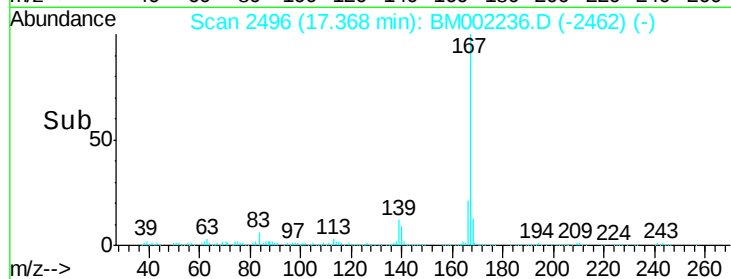
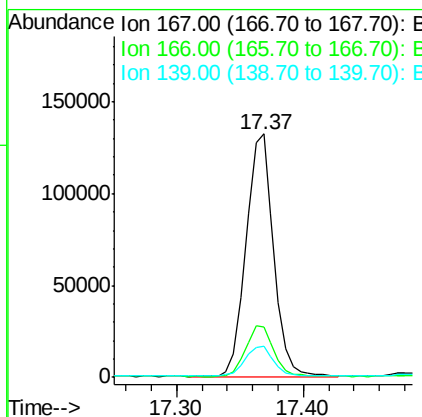
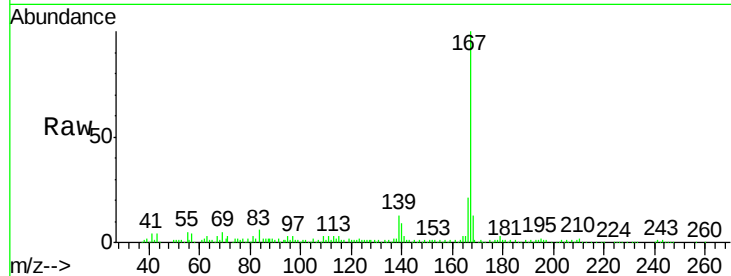
ClientSampleId :

C01N6RE

Tot Ion:	167	Resp:	198403
Ion Ratio	Lower	Upper	
167	100		
166	20.9	16.7	25.1
139	12.6	9.4	14.2

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#77

Fluoranthene

Concen: 74.09 ng/ul

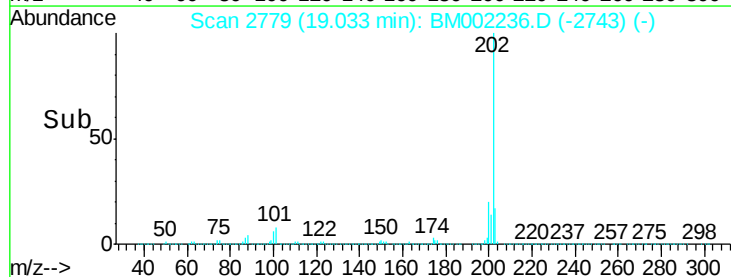
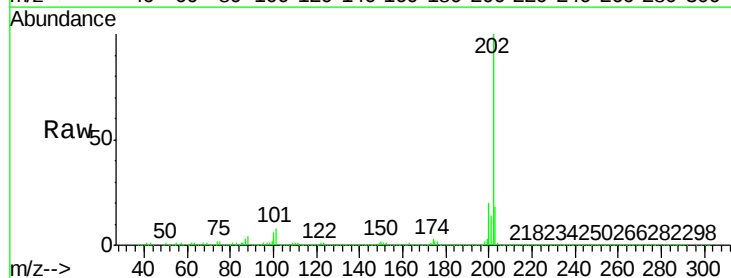
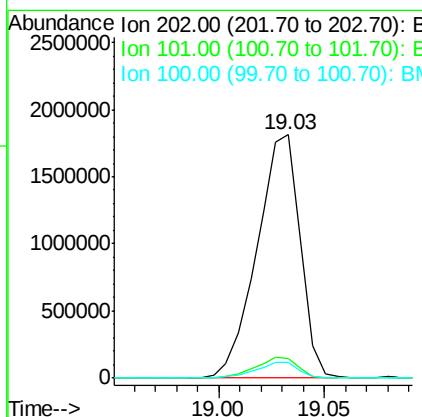
RT: 19.03 min Scan# 2779

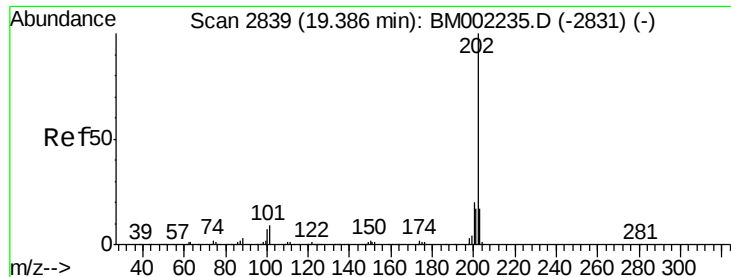
Delta R.T. 0.01 min

Lab File: BM002236.D

Acq: 05 Aug 2015 17:18

Tgt Ion:	202	Resp:	2570422
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.2	9.2
100	6.2	4.8	7.2





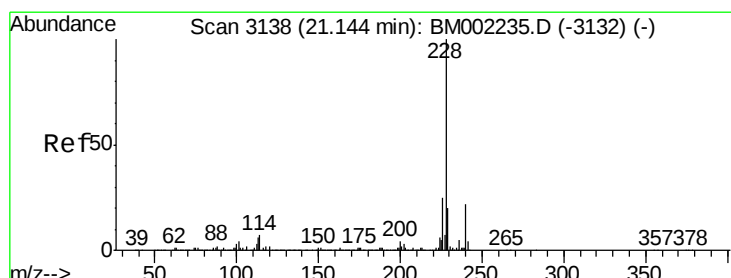
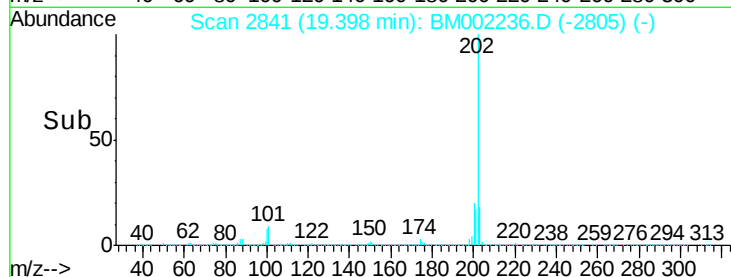
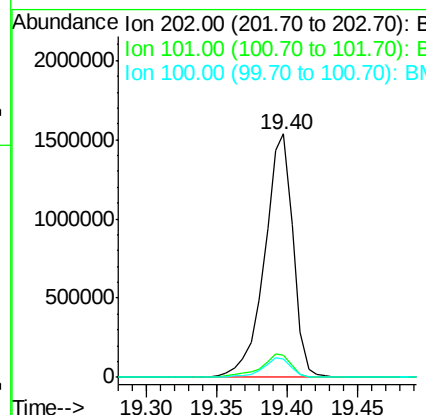
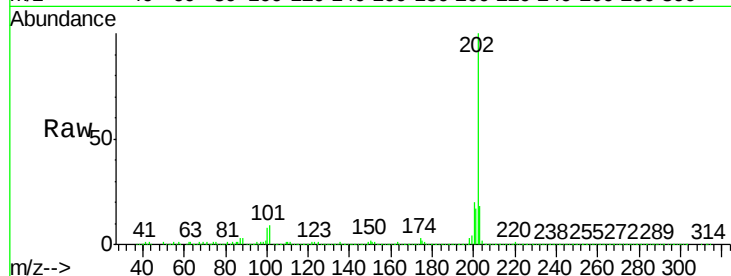
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Pvrene
Concen: 57.89 ng/ul
RT: 19.40 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Instrument :
BNA_M
ClientSampleId :
C01N6RE

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.0	10.6
100	7.6	5.8	8.8

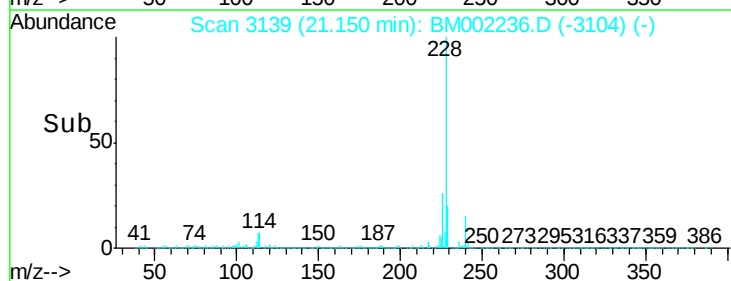
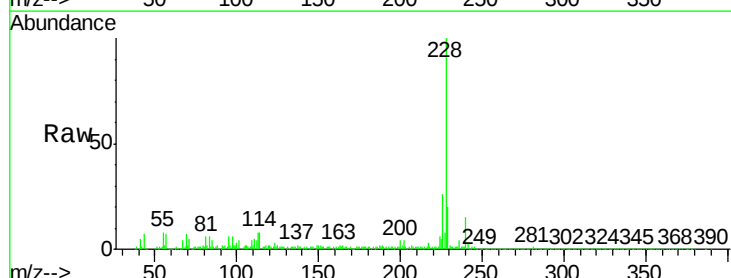
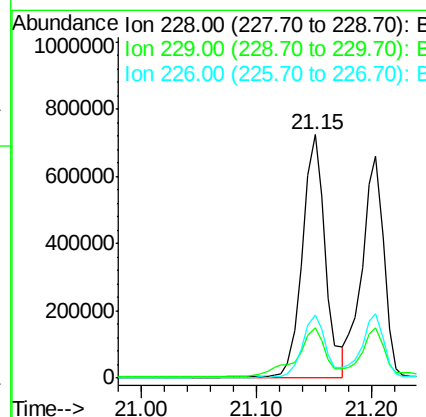
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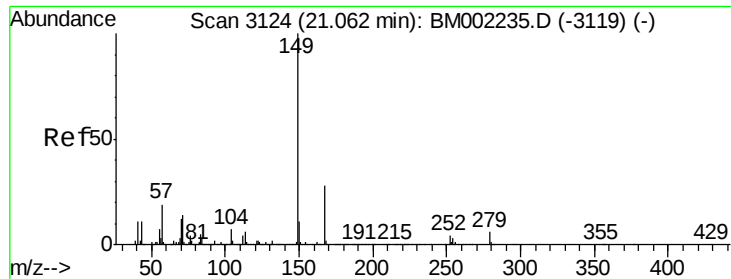
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#83
Benzo(a)anthracene
Concen: 29.41 ng/ul
RT: 21.15 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	26.0	20.6	31.0





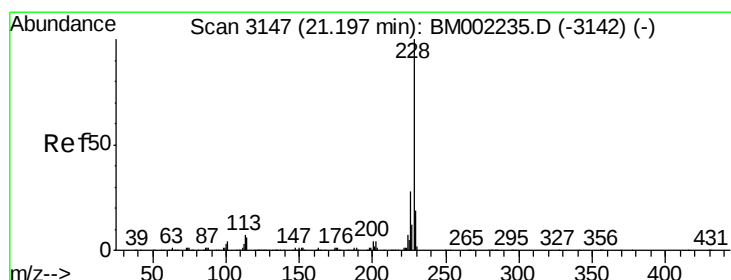
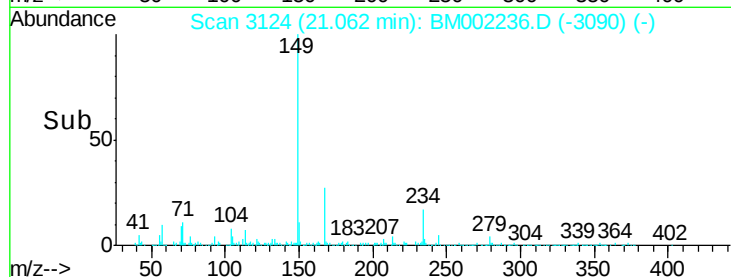
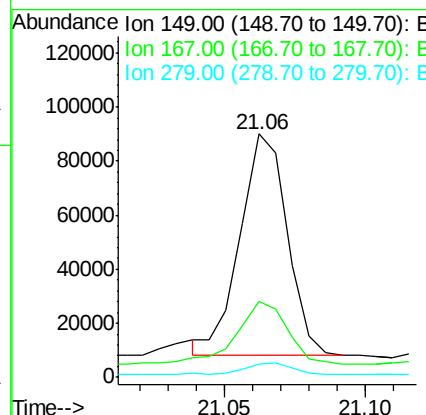
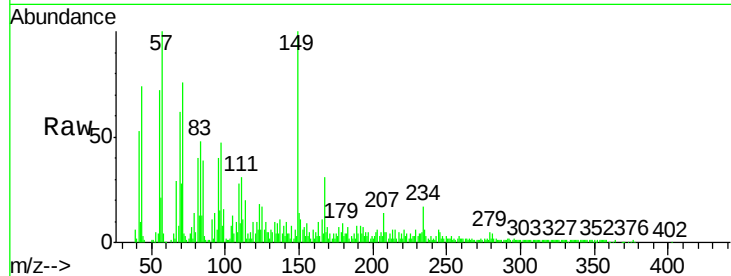
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.99 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BM002236.D
 Acq: 05 Aug 2015 17:18

Instrument :
 BNA_M
 ClientSampleId :
 C01N6RE

Tot Ion	Ratio	Resp	Lower	Upper
149	100	95477		
167	31.2	23.0	34.4	
279	5.2	4.0	6.0	

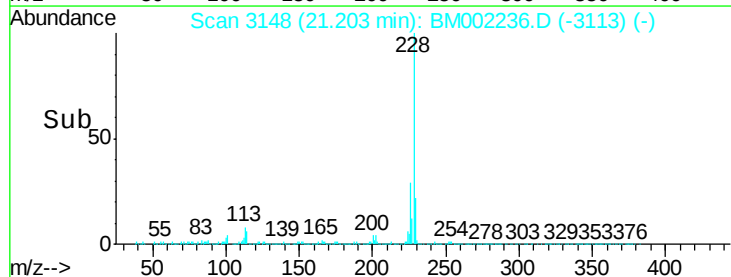
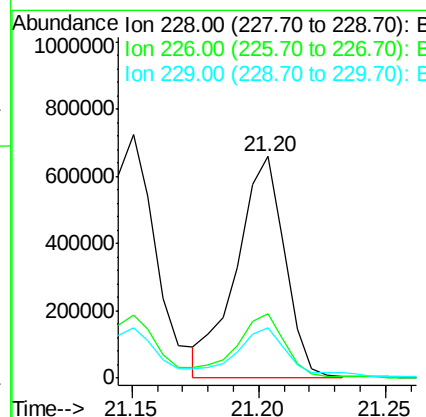
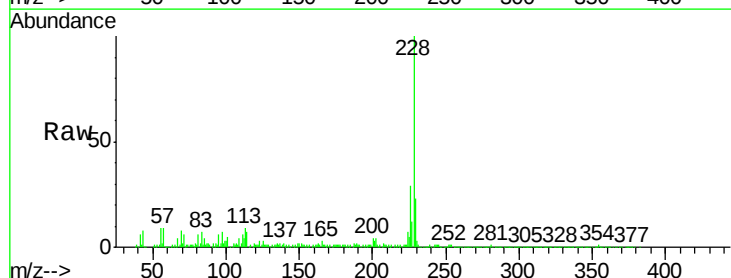
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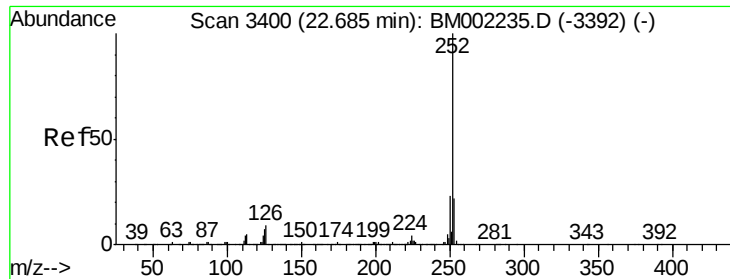
apatel
 8/11/2015 9:10:11 AM



#85
 Chrysene
 Concen: 27.74 ng/ul
 RT: 21.20 min Scan# 3148
 Delta R.T. 0.01 min
 Lab File: BM002236.D
 Acq: 05 Aug 2015 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	868836		
226	28.9	22.2	33.4	
229	22.5	15.5	23.3	





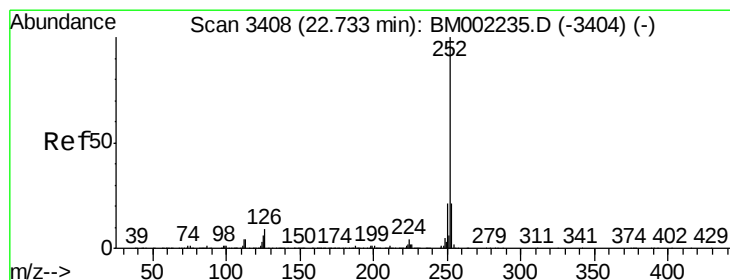
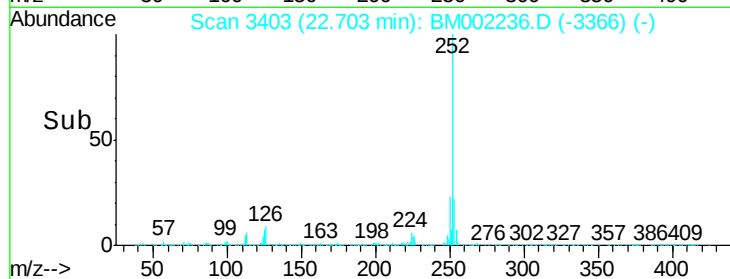
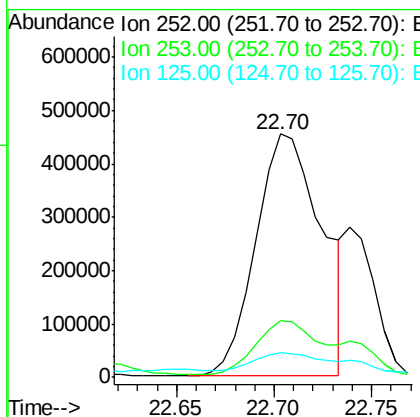
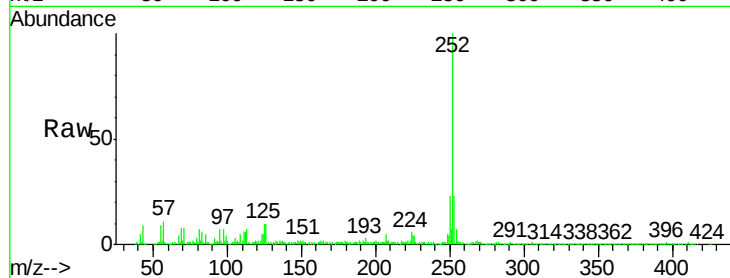
#88
Benzo(b)fluoranthene
Concen: 39.77 ng/ul
RT: 22.70 min Scan# 3403
Delta R.T. 0.02 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Instrument :
BNA_M
ClientSampleId :
C01N6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	10.3	5.4	8.2

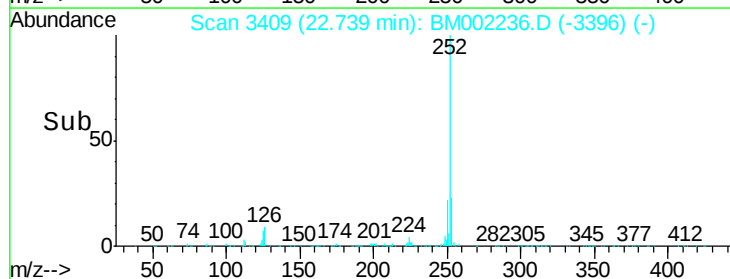
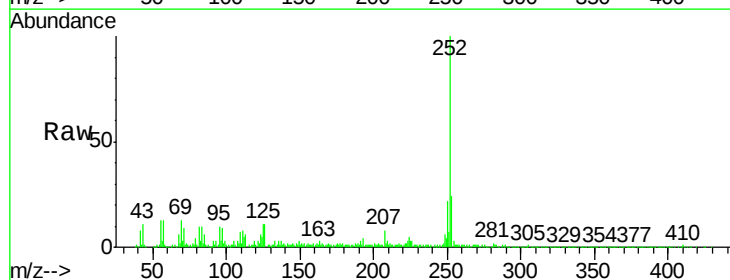
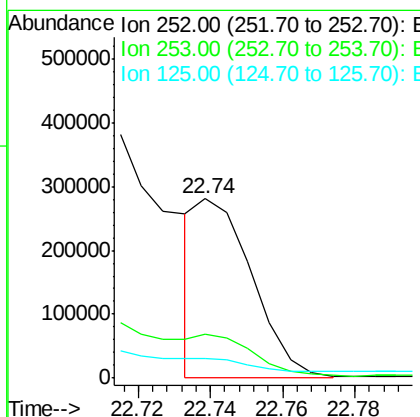
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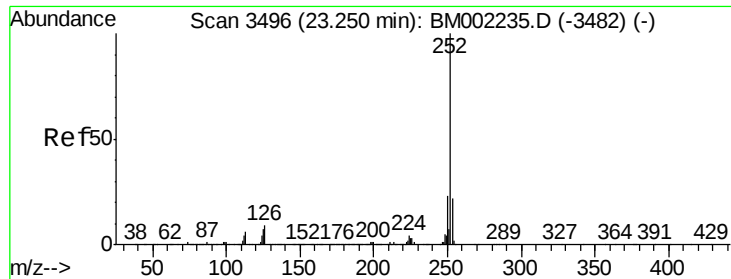
apatel
8/11/2015 9:10:11 AM



#89
Benzo(k)fluoranthene
Concen: 11.64 ng/ul m
RT: 22.74 min Scan# 3409
Delta R.T. 0.01 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	11.0	5.6	8.4





#91

Benzo(a)pyrene

Concen: 27.86 ng/ul

RT: 23.26 min Scan# 3498

Delta R.T. 0.01 min

Lab File: BM002236.D

Acq: 05 Aug 2015 17:18

Instrument :

BNA_M

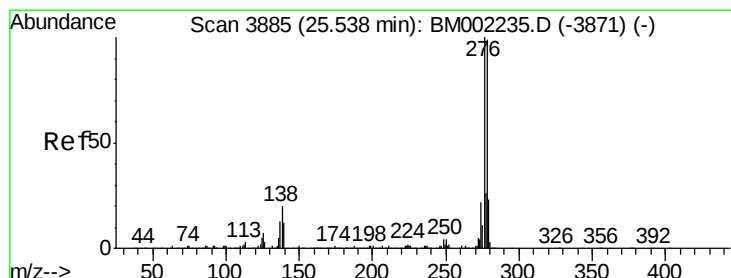
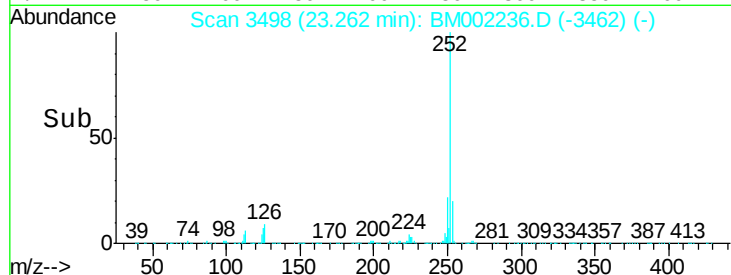
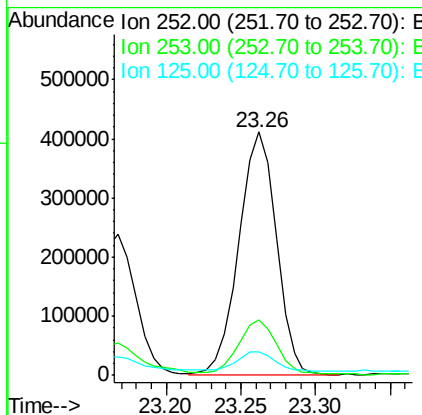
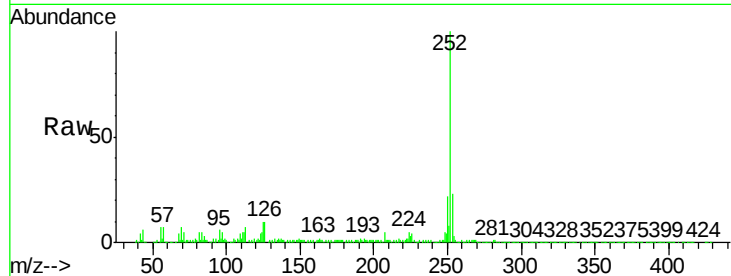
ClientSampleId :

C01N6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.6	6.1	9.1#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 15.26 ng/ul

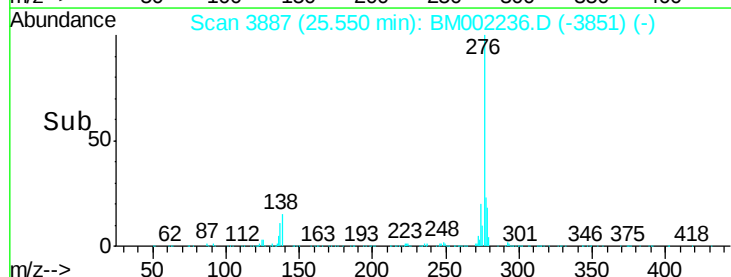
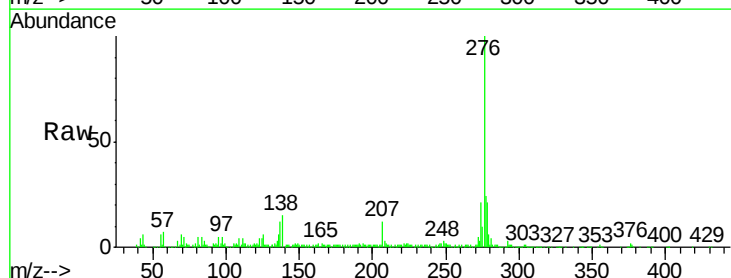
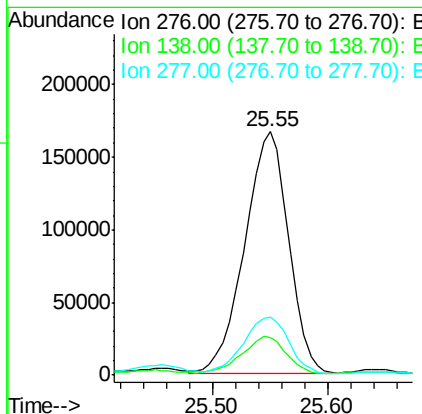
RT: 25.55 min Scan# 3887

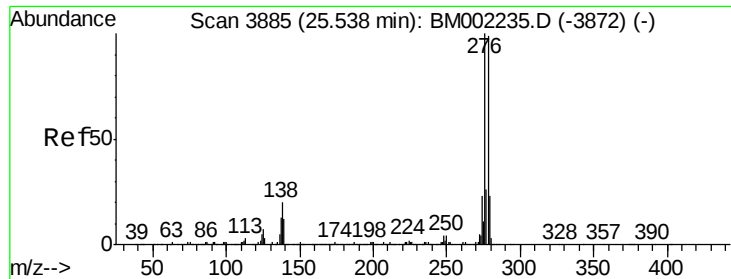
Delta R.T. 0.01 min

Lab File: BM002236.D

Acq: 05 Aug 2015 17:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	15.4	23.0
277	23.7	20.2	30.2





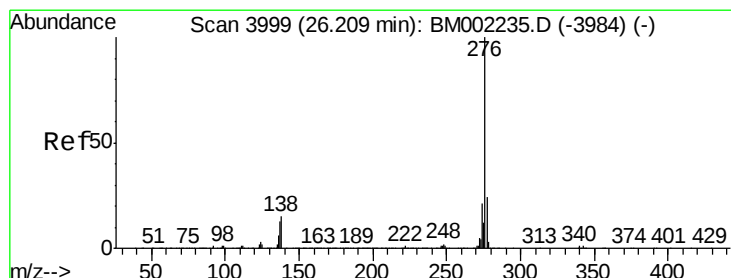
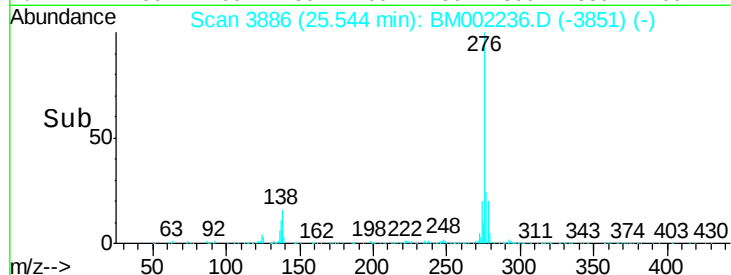
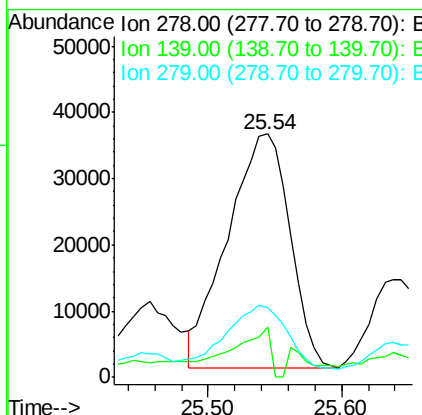
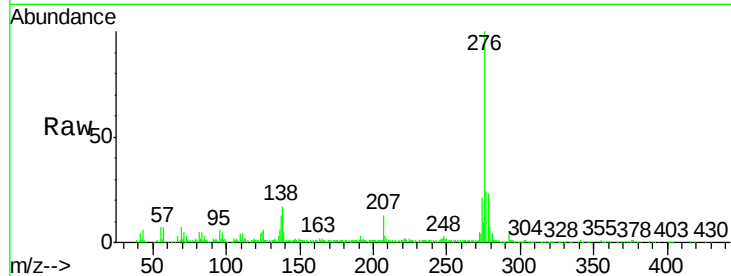
#93
Dibenzo(a,h)anthracene
Concen: 4.67 ng/ul
RT: 25.54 min Scan# 3886
Delta R.T. 0.01 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Instrument :
BNA_M
ClientSampleId :
C01N6RE

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.7	10.4	15.6#
279	28.5	17.9	26.9#

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#94
Benzo(g,h,i)perylene
Concen: 15.43 ng/ul
RT: 26.23 min Scan# 4002
Delta R.T. 0.02 min
Lab File: BM002236.D
Acq: 05 Aug 2015 17:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	12.5	18.7
277	24.9	19.4	29.0

