

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042916\
 Data File : BM005138.D
 Acq On : 29 Apr 2016 11:13
 Operator : UM/SJ
 Sample : H2566-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2386

Manual Integrations
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Quant Time: Apr 29 14:05:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 29 13:46:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1441	0.40	ng/ul	0.02
4) Naphthalene-d8	10.58	136	6199	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.43	164	3615	0.40	ng/ul	0.02
12) Phenanthrene-d10	17.18	188	8383	0.40	ng/ul	0.00
18) Chrysene-d12	21.37	240	7214	0.40	ng/ul	0.00
22) Perylene-d12	23.64	264	4749	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.17	152	2735	0.37	ng/ul	0.00
16) Fluoranthene-d10	19.21	212	6782	0.40	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.63	128	3598	0.25	ng/ul#	93
7) 2-Methylnaphthalene	12.25	142	2719	0.28	ng/ul	100
9) Acenaphthylene	14.14	152	11150	0.77	ng/ul	95
10) Acenaphthene	14.49	153	3995	0.33	ng/ul	87
11) Fluorene	15.48	166	4940	0.38	ng/ul#	80
13) Pentachlorophenol	16.85	266	321	0.32	ng/ul	95
14) Phenanthrene	17.21	178	16343m	0.71	ng/ul	
15) Anthracene	17.31	178	4761	0.24	ng/ul	95
17) Fluoranthene	19.23	202	10634	0.45	ng/ul	96
19) Pyrene	19.60	202	11747	0.40	ng/ul	99
20) Benzo(a)anthracene	21.35	228	15003	0.78	ng/ul	95
21) Chrysene	21.40	228	9136	0.40	ng/ul	96
23) Benzo(b)fluoranthene	22.95	252	6377	0.37	ng/ul	92
25) Benzo(a)pyrene	23.55	252	7377	0.51	ng/ul#	93
26) Indeno(1,2,3-cd)pyrene	25.95	276	5343	0.35	ng/ul#	79
27) Dibenzo(a,h)anthracene	25.97	278	4438	0.38	ng/ul#	87
28) Benzo(g,h,i)perylene	26.65	276	5627	0.41	ng/ul#	88

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

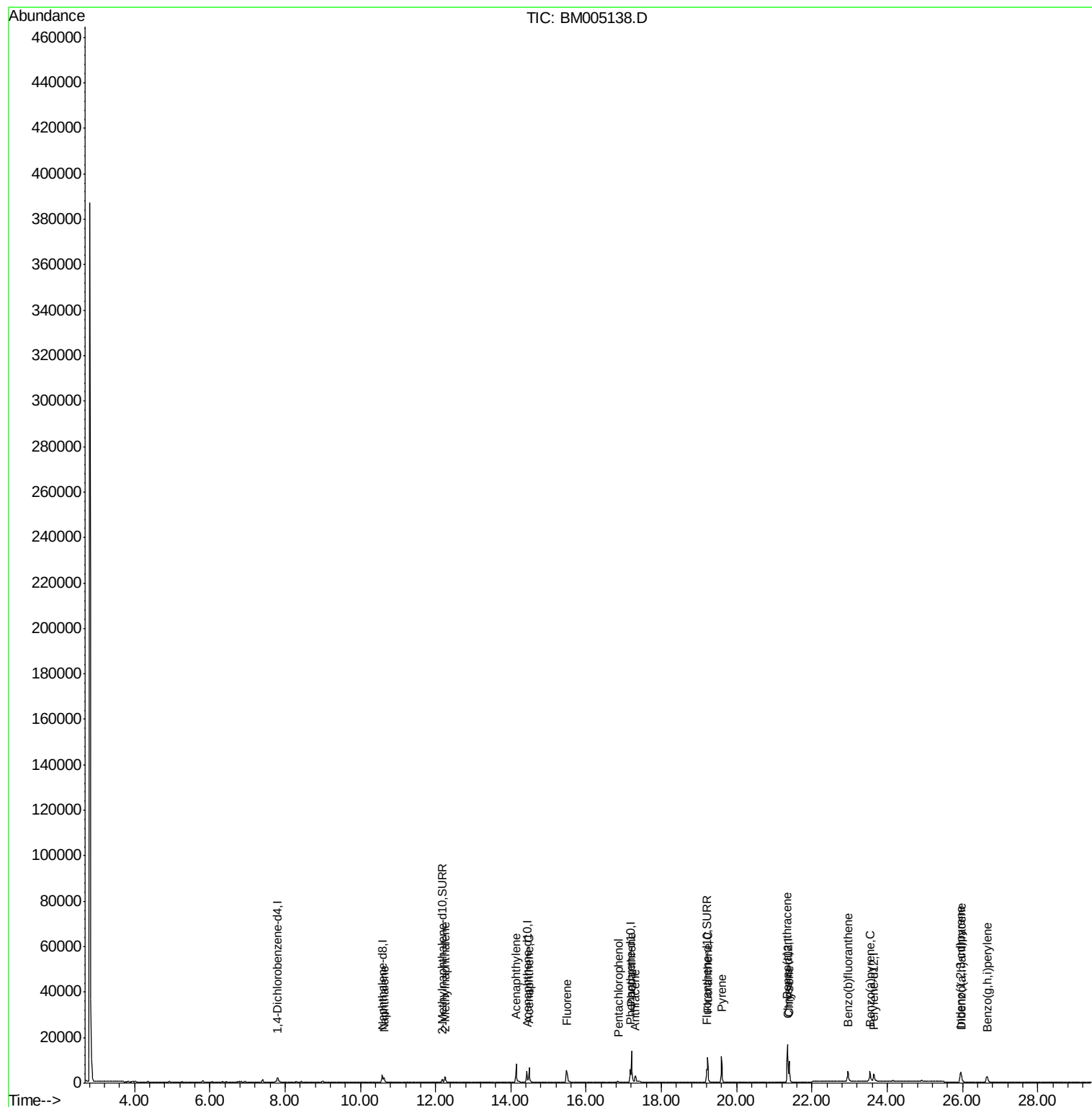
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042916\
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ALS Vial : 5 Sample Multiplier: 1

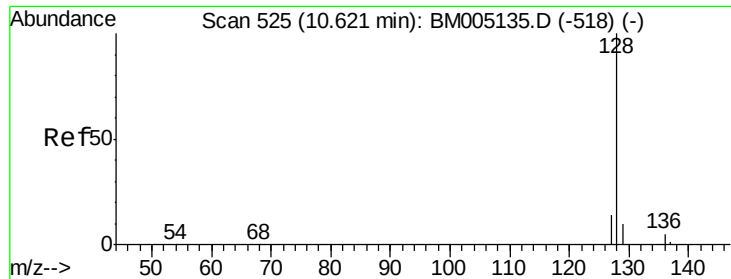
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QLast Update : Fri Apr 29 13:46:03 2016
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#5

Naphthalene

Concen: 0.25 ng/ul

RT: 10.63 min Scan# 526

Delta R.T. 0.01 min

Lab File: BM005138.D

Acq: 29 Apr 2016 11:13

Instrument :

BNA_M

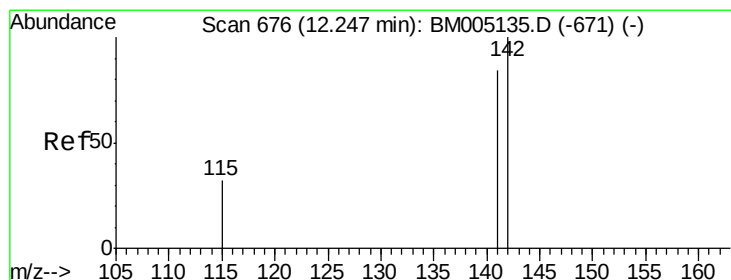
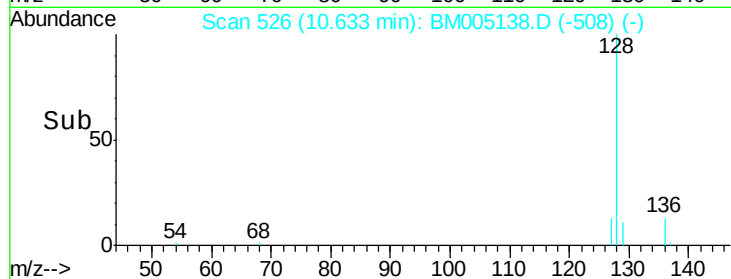
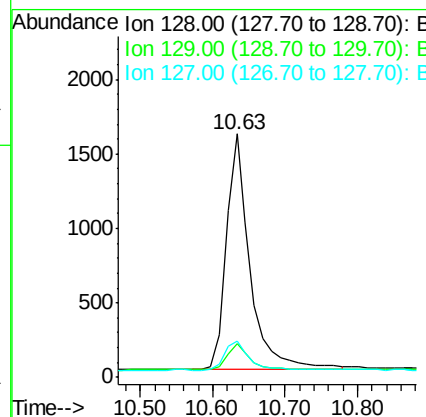
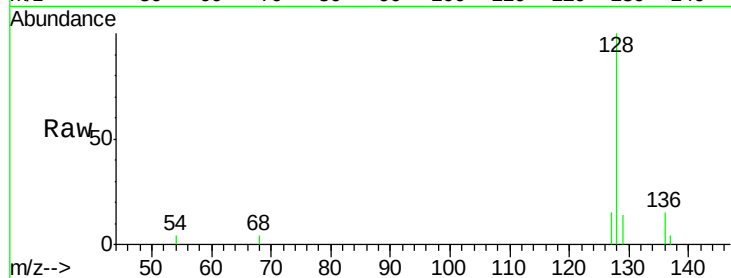
ClientSampleId :

X2386

Tgt Ion:	128	Resp:	3598
Ion Ratio	Lower	Upper	
128	100		
129	13.7	9.0	13.6#
127	15.1	9.6	14.4#

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#7

2-Methylnaphthalene

Concen: 0.28 ng/ul

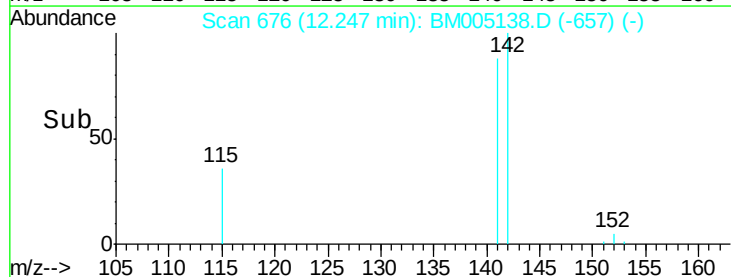
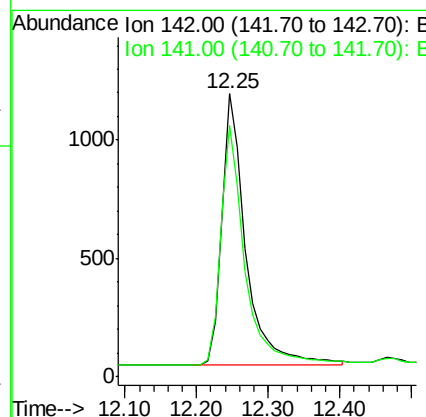
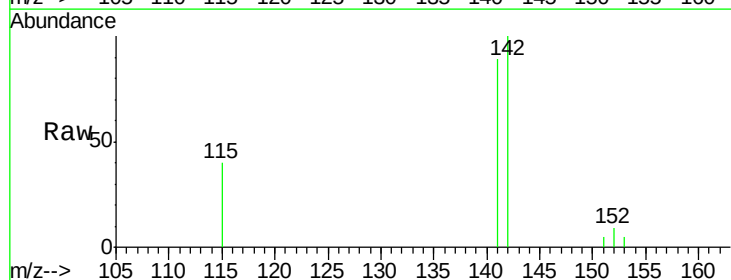
RT: 12.25 min Scan# 676

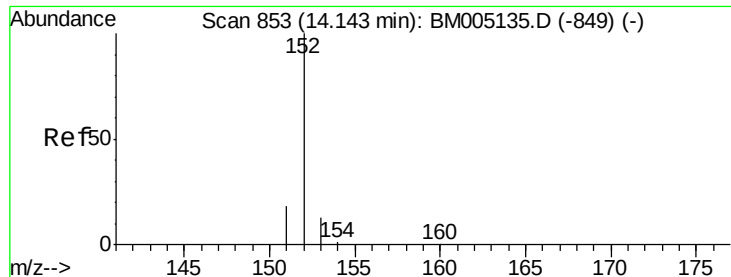
Delta R.T. 0.00 min

Lab File: BM005138.D

Acq: 29 Apr 2016 11:13

Tgt Ion:	142	Resp:	2719
Ion Ratio	Lower	Upper	
142	100		
141	88.2	70.3	105.5





#9

Acenaphthylene

Concen: 0.77 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM005138.D

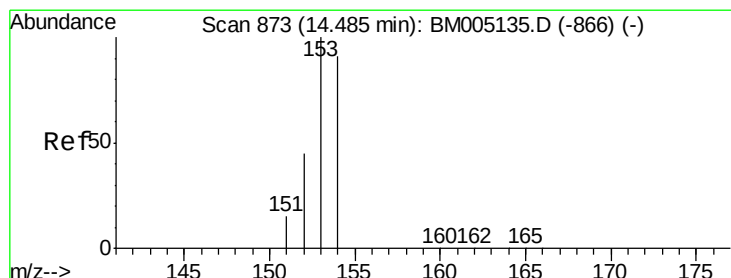
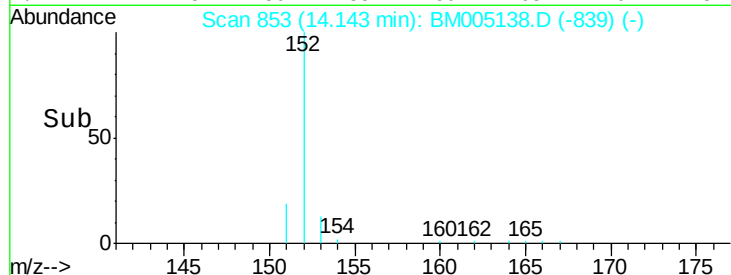
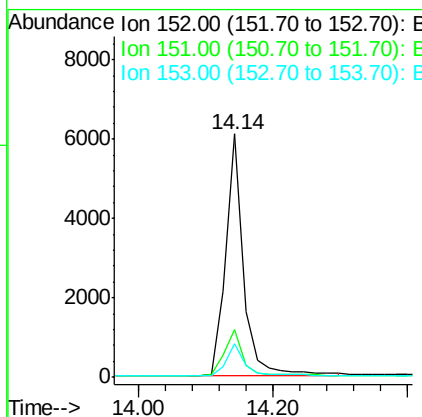
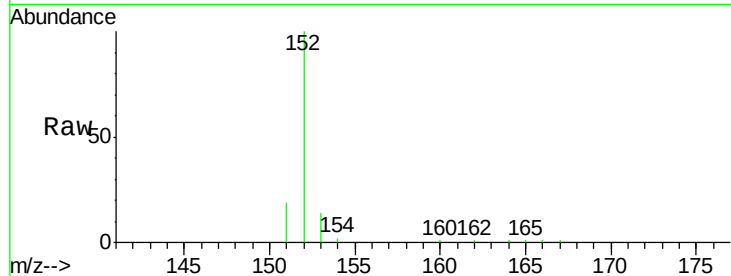
Acq: 29 Apr 2016 11:13

Instrument :
BNA_M
ClientSampleId :
X2386

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.6	26.4
153	14.0	9.7	14.5

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#10

Acenaphthene

Concen: 0.33 ng/ul

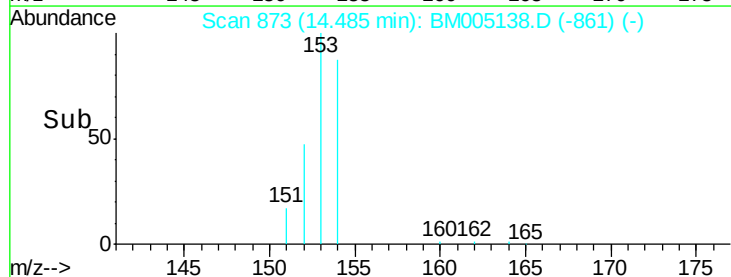
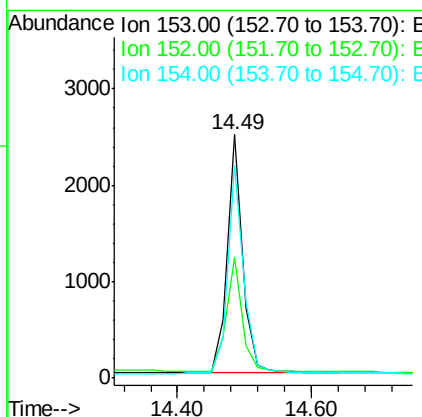
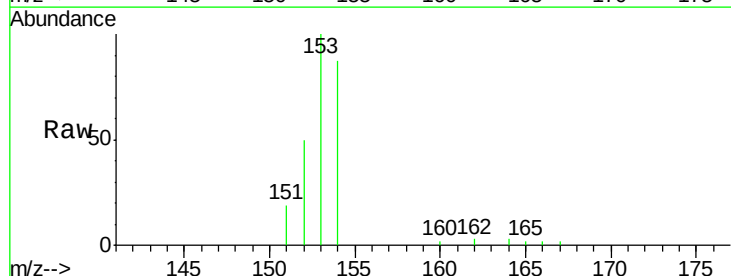
RT: 14.49 min Scan# 873

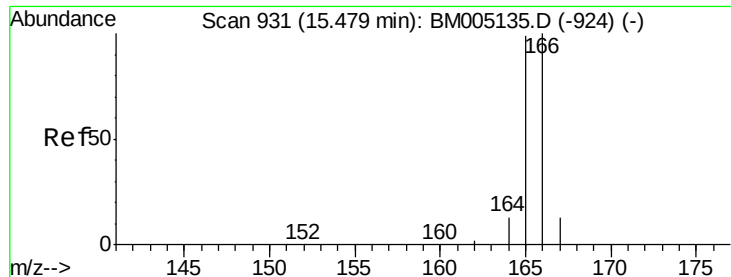
Delta R.T. 0.00 min

Lab File: BM005138.D

Acq: 29 Apr 2016 11:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.6	33.9	50.9
154	87.3	80.6	121.0





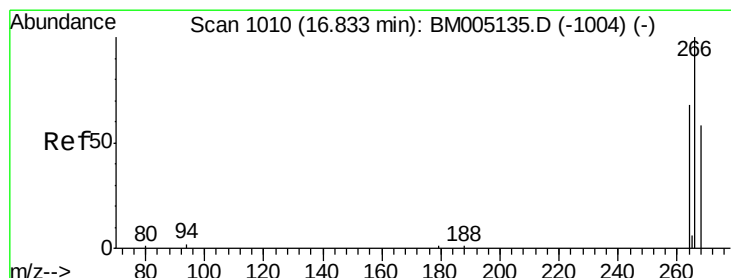
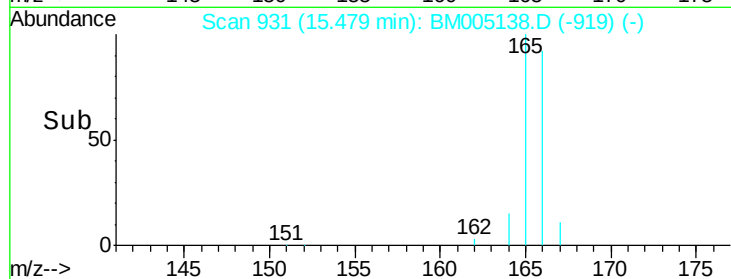
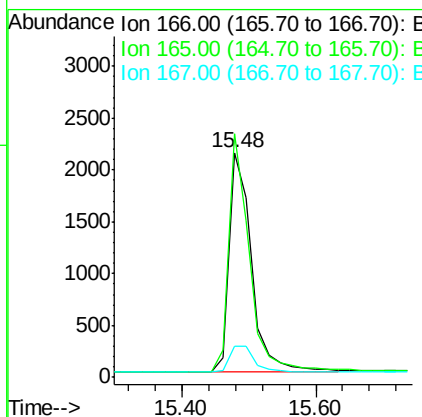
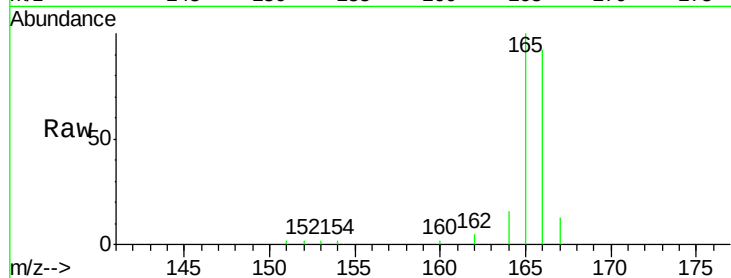
#11
 Fluorene
 Concen: 0.38 ng/ul
 RT: 15.48 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BM005138.D
 Acq: 29 Apr 2016 11:13

Instrument :
 BNA_M
 ClientSampleId :
 X2386

Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.3	69.6	104.4#
167	13.8	11.9	17.9

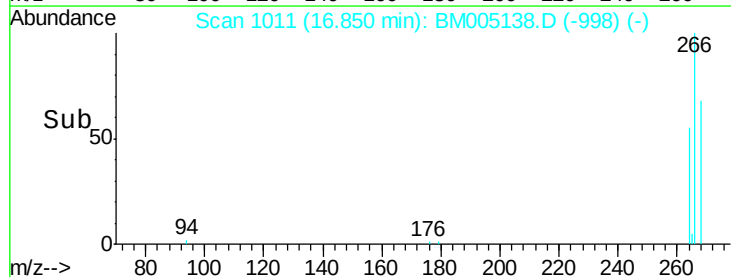
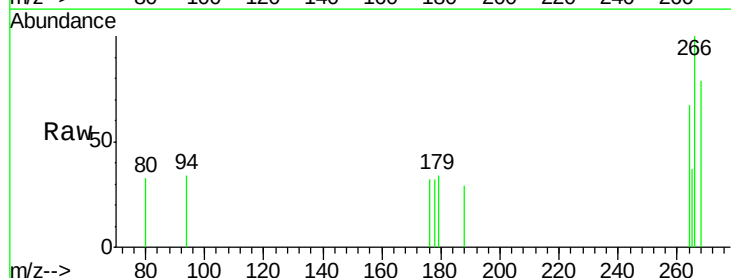
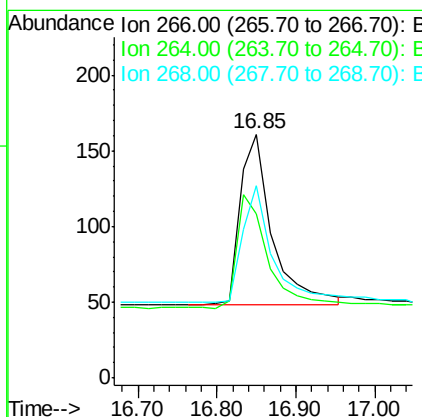
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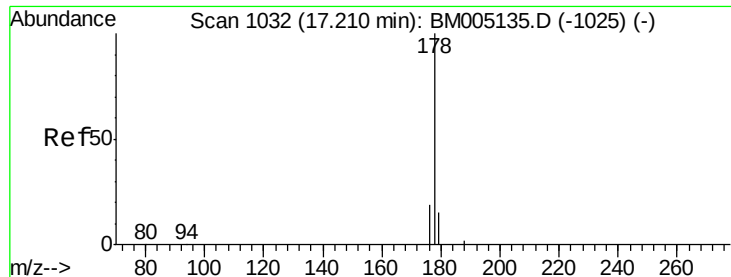
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#13
 Pentachlorophenol
 Concen: 0.32 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. 0.02 min
 Lab File: BM005138.D
 Acq: 29 Apr 2016 11:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.8	77.8
268	64.2	46.8	70.2





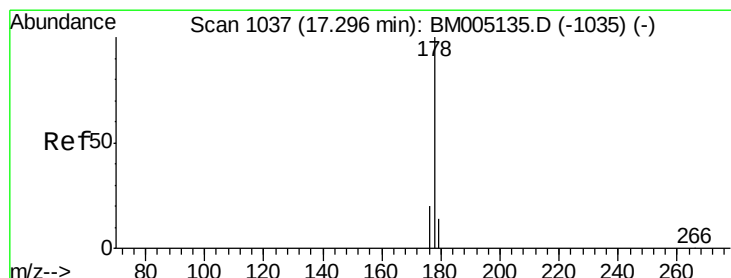
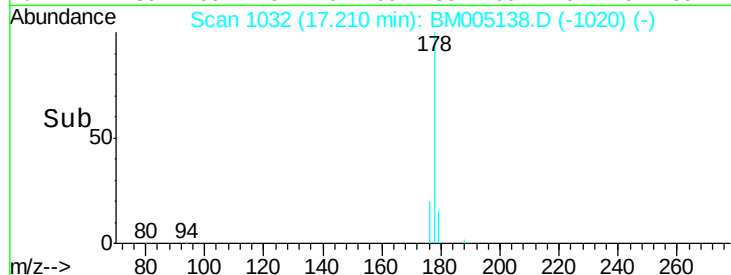
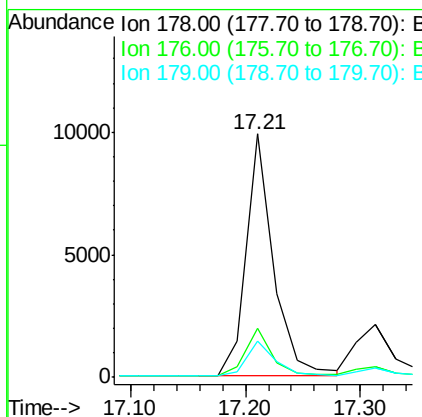
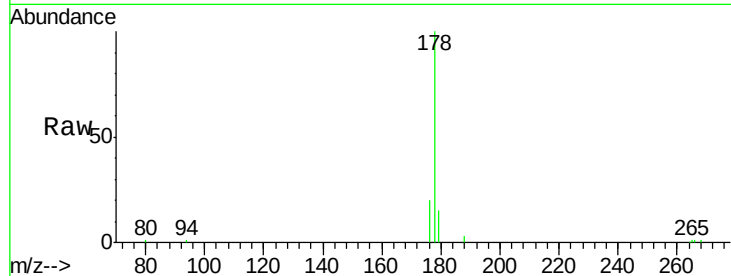
#14
Phenanthrene
Concen: 0.71 ng/ul m
RT: 17.21 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM005138.D
Acq: 29 Apr 2016 11:13

Instrument :
BNA_M
ClientSampleId :
X2386

Tgt Ion:178 Resp: 16343
Ion Ratio Lower Upper
178 100
176 19.9 13.0 19.4#
179 15.0 14.2 21.2

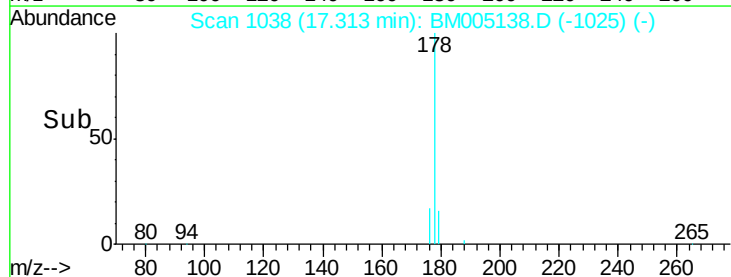
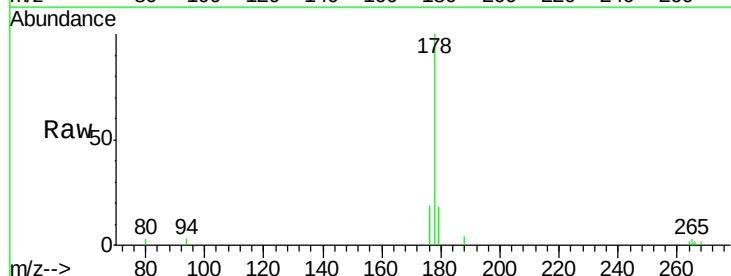
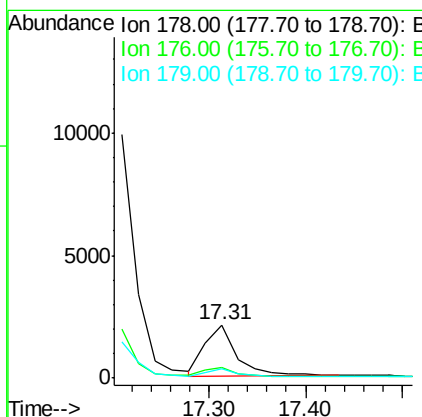
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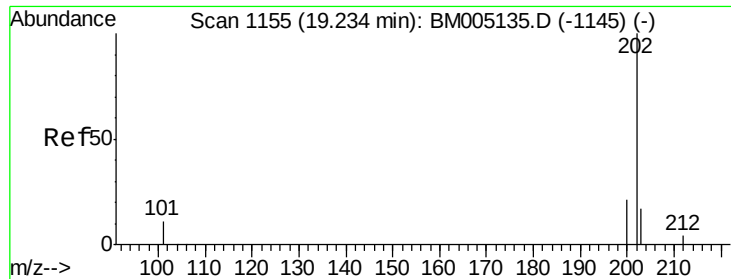
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#15
Anthracene
Concen: 0.24 ng/ul
RT: 17.31 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BM005138.D
Acq: 29 Apr 2016 11:13

Tgt Ion:178 Resp: 4761
Ion Ratio Lower Upper
178 100
176 19.4 14.0 21.0
179 18.2 12.9 19.3





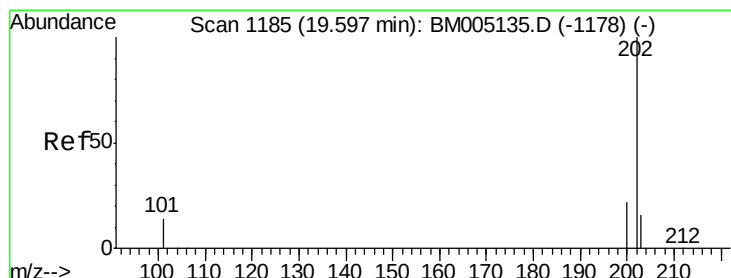
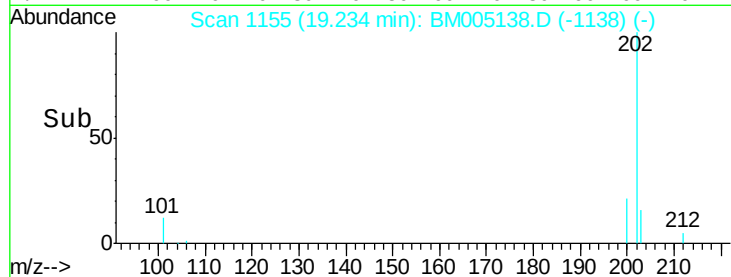
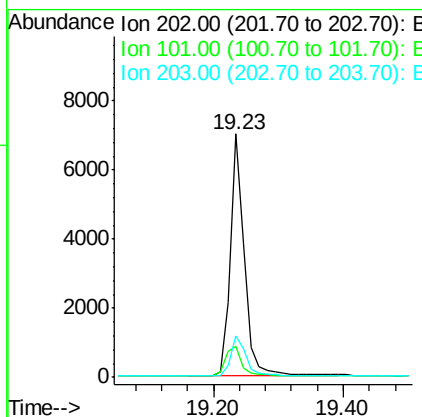
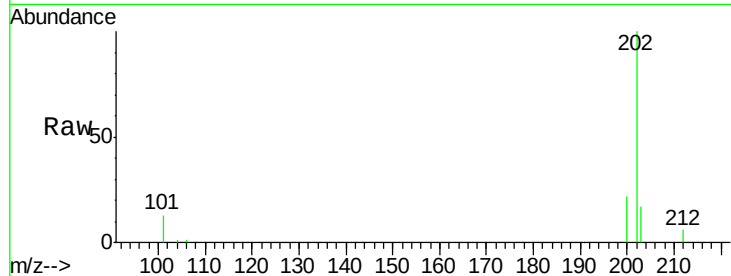
#17
Fluoranthene
 Concen: 0.45 ng/ul
 RT: 19.23 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BM005138.D
 Acq: 29 Apr 2016 11:13

Instrument :
 BNA_M
 ClientSampleId :
 X2386

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	10634		
101	12.8	0.0	29.6	
203	17.0	0.0	36.3	

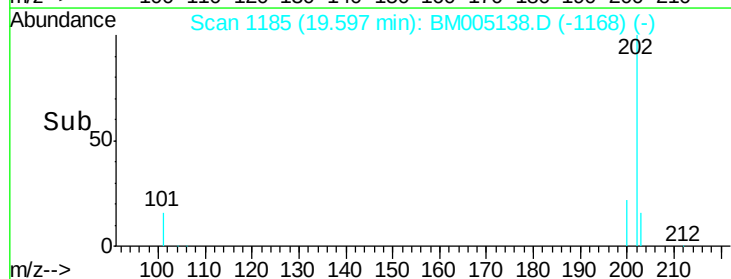
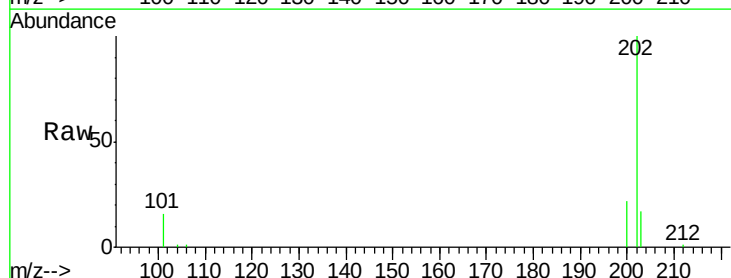
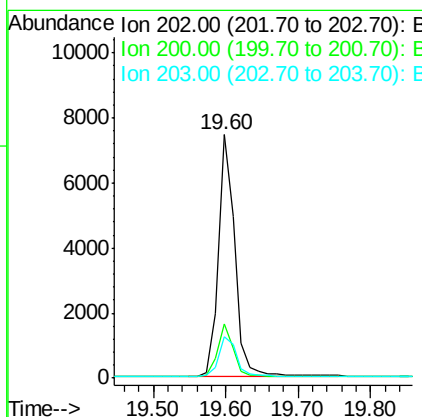
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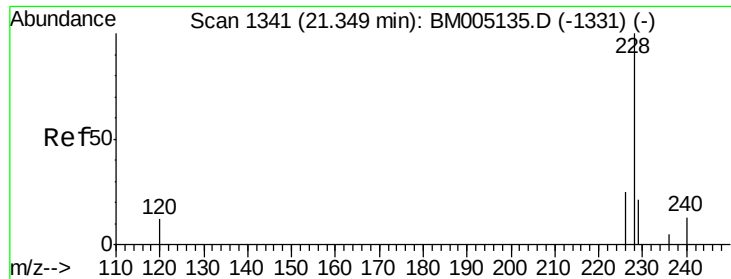
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#19
Pyrene
 Concen: 0.40 ng/ul
 RT: 19.60 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BM005138.D
 Acq: 29 Apr 2016 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11747		
200	22.4	17.8	26.8	
203	16.9	12.8	19.2	





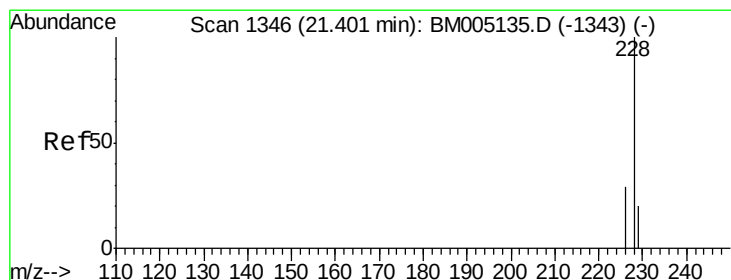
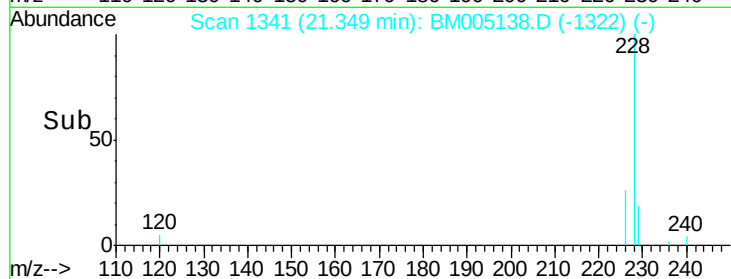
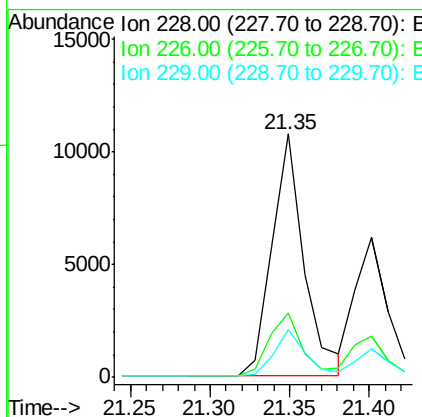
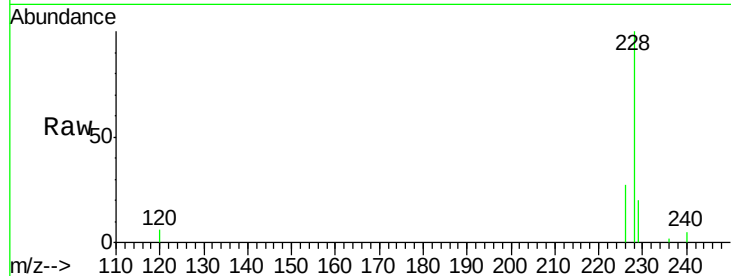
#20
Benzo(a)anthracene
Concen: 0.78 ng/ul
RT: 21.35 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BM005138.D
Acq: 29 Apr 2016 11:13

Instrument :
BNA_M
ClientSampleId :
X2386

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	15003		
226	26.5	18.8	28.2	
229	19.8	17.1	25.7	

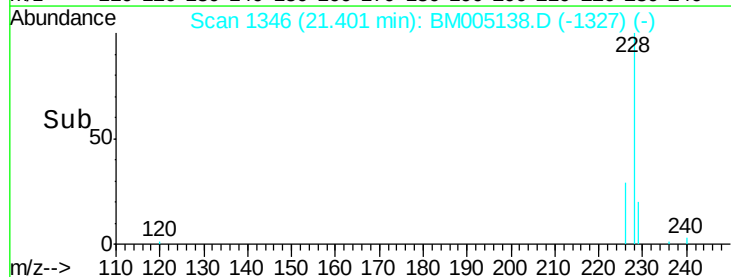
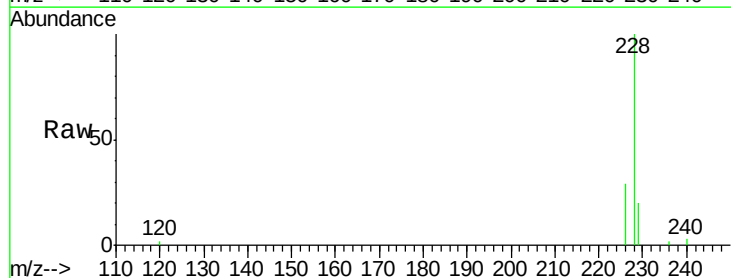
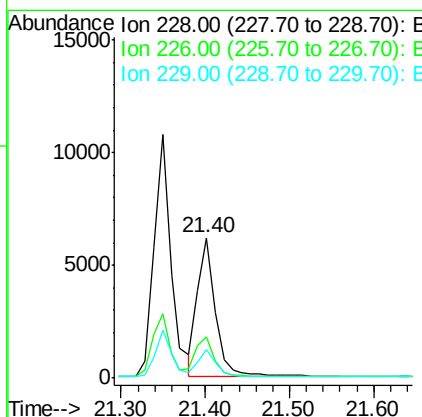
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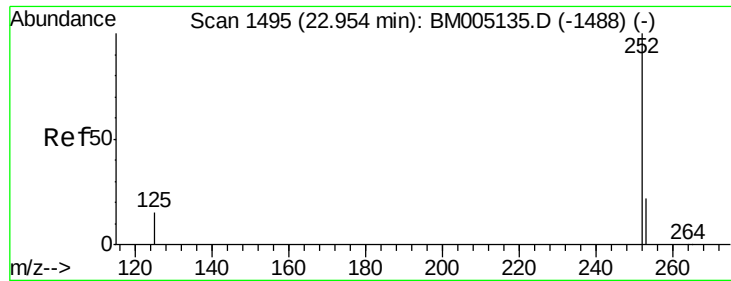
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#21
Chrysene
Concen: 0.40 ng/ul
RT: 21.40 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BM005138.D
Acq: 29 Apr 2016 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	9136		
226	29.2	21.2	31.8	
229	20.4	17.0	25.6	





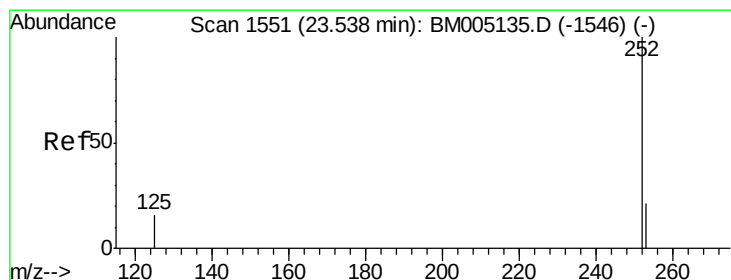
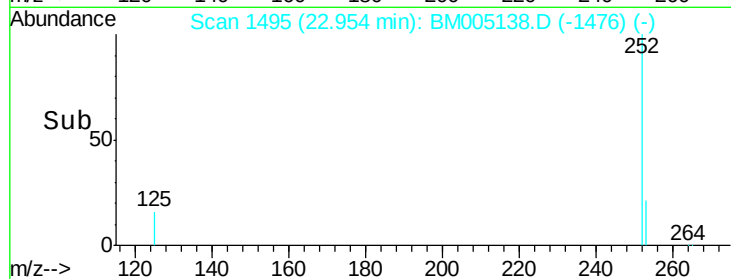
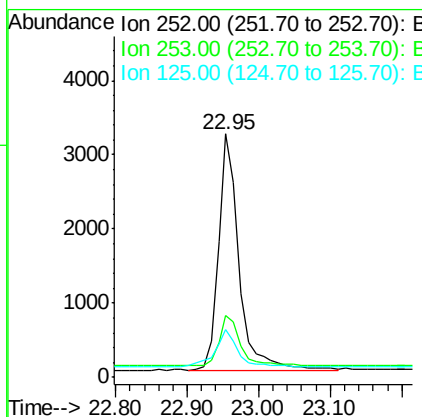
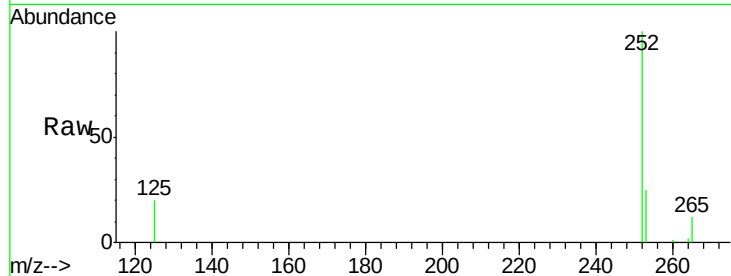
#23
Benzo(b)fluoranthene
Concen: 0.37 ng/ul
RT: 22.95 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BM005138.D
Acq: 29 Apr 2016 11:13

Instrument :
BNA_M
ClientSampleId :
X2386

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.3	0.0	45.4
125	19.5	0.0	28.8

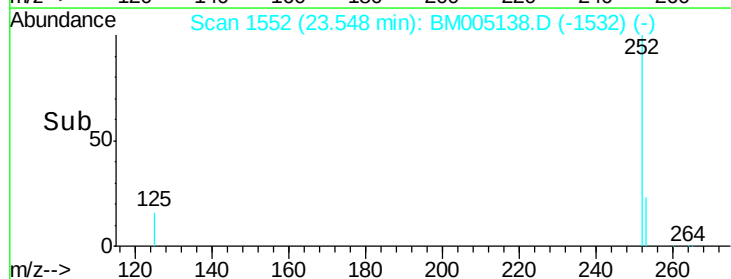
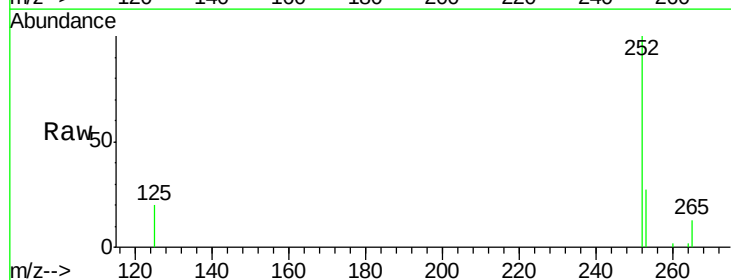
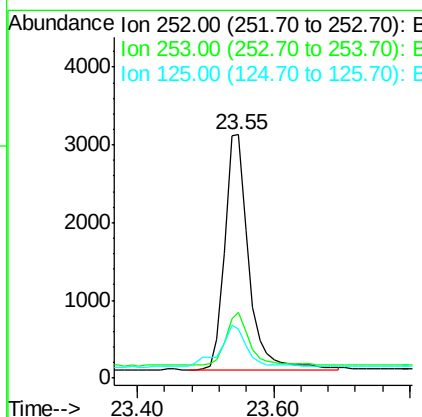
Manual Integrations
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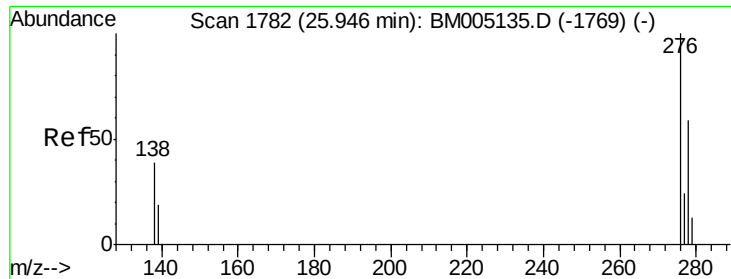
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#25
Benzo(a)pyrene
Concen: 0.51 ng/ul
RT: 23.55 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BM005138.D
Acq: 29 Apr 2016 11:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.0	19.4	29.2
125	20.0	12.7	19.1





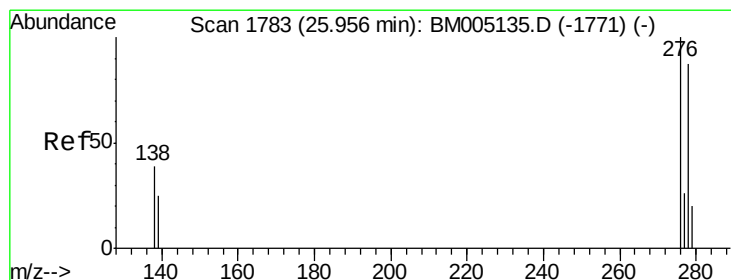
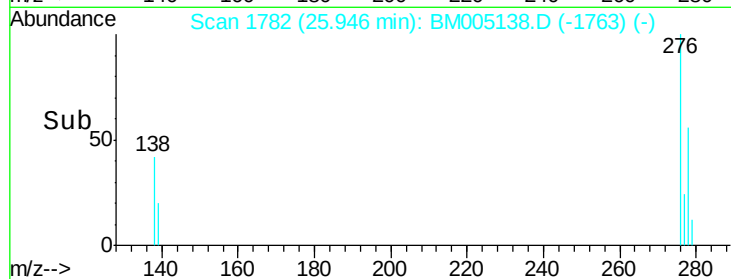
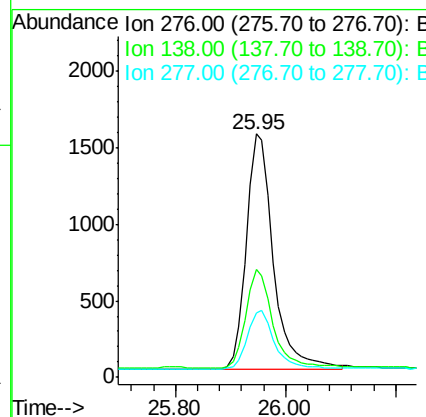
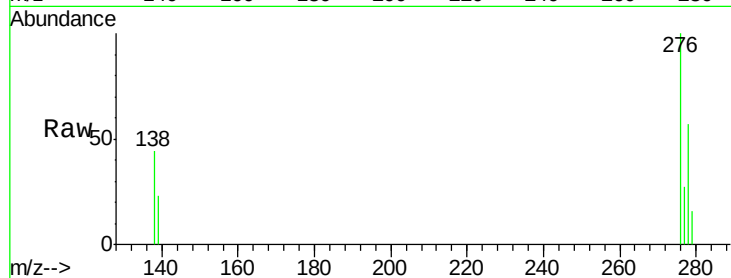
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.35 ng/ul
 RT: 25.95 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BM005138.D
 Acq: 29 Apr 2016 11:13

Instrument :
 BNA_M
 ClientSampleId :
 X2386

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.5	16.3	24.5#
277	25.1	19.8	29.8

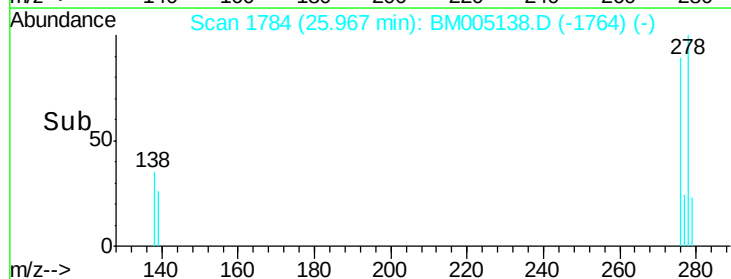
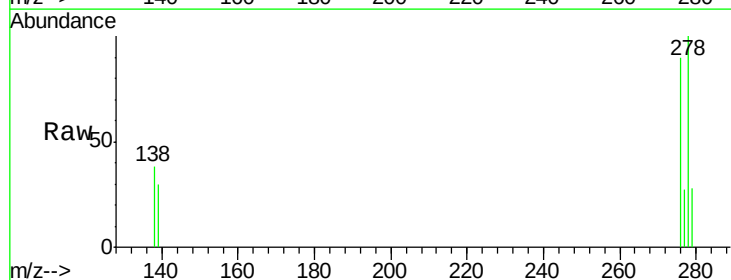
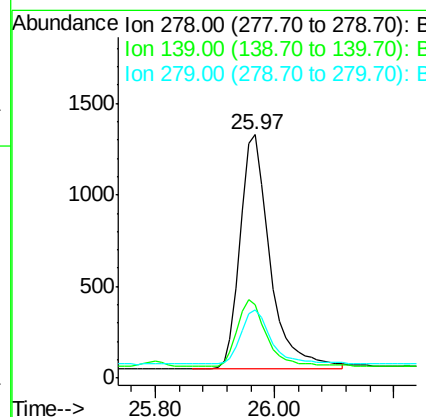
Manual Integrations
 APPROVED

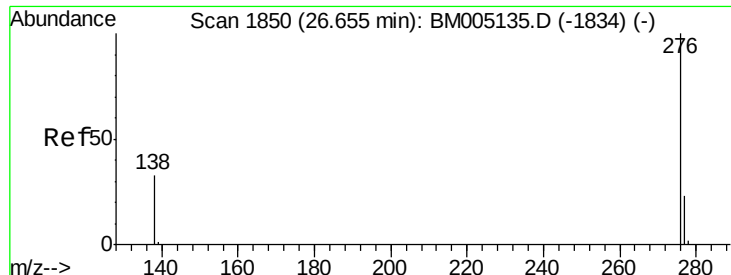
UMANGI
 4/29/2016 4:51:15 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.38 ng/ul
 RT: 25.97 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BM005138.D
 Acq: 29 Apr 2016 11:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.9	16.4	24.6#
279	28.3	20.2	30.2





#28

Benzo(g,h,i)perylene

Concen: 0.41 ng/ul

RT: 26.65 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM005138.D

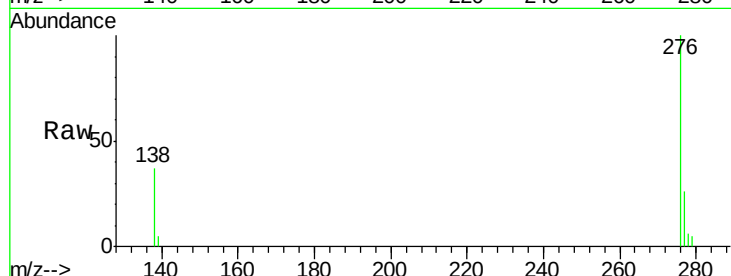
Acq: 29 Apr 2016 11:13

Instrument :

BNA_M

ClientSampleId :

X2386



Tgt Ion: 276 Resp: 5627

Ion Ratio Lower Upper

276 100

277 25.8 18.9 28.3

138 37.5 22.5 33.7#

Manual Integrations
APPROVED

UMANGI
4/29/2016 4:51:15 PM

