

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008704.D
 Acq On : 28 Dec 2016 21:33
 Operator : UM/SJ
 Sample : H6067-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0

Manual Integrations
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Quant Time: Dec 29 04:42:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	444m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.44	136	1298	0.40	ng/ul	-0.12
6) Acenaphthene-d10	14.28	164	894m	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1781m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.24	240	1741	0.40	ng/ul	-0.04
20) Perylene-d12	23.48	264	2043	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	327	0.16	ng/ul	-0.10
14) Fluoranthene-d10	19.09	212	892	0.18	ng/ul	-0.04
Target Compounds					Qvalue	
3) Naphthalene	10.49	128	1068	0.29	ng/ul#	86
5) 2-Methylnaphthalene	12.13	142	412	0.17	ng/ul	88
7) Acenaphthylene	14.01	152	11253	2.78	ng/ul	95
8) Acenaphthene	14.35	153	351	0.12	ng/ul#	89
9) Fluorene	15.36	166	651	0.19	ng/ul#	84
12) Phenanthrene	17.07	178	3106m	0.57	ng/ul	
13) Anthracene	17.18	178	17204	3.26	ng/ul	94
15) Fluoranthene	19.11	202	12479m	1.87	ng/ul	
17) Pyrene	19.48	202	22566	3.35	ng/ul	97
18) Benzo(a)anthracene	21.22	228	31868	5.57	ng/ul	97
19) Chrysene	21.28	228	62370	9.96	ng/ul	91
21) Benzo(b)fluoranthene	22.80	252	179484m	22.30	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	48668m	6.20	ng/ul	
23) Benzo(a)pyrene	23.37	252	118606	15.90	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.71	276	120334	13.53	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.70	278	31728	4.47	ng/ul#	88
26) Benzo(g,h,i)perylene	26.39	276	123283	16.17	ng/ul#	87

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

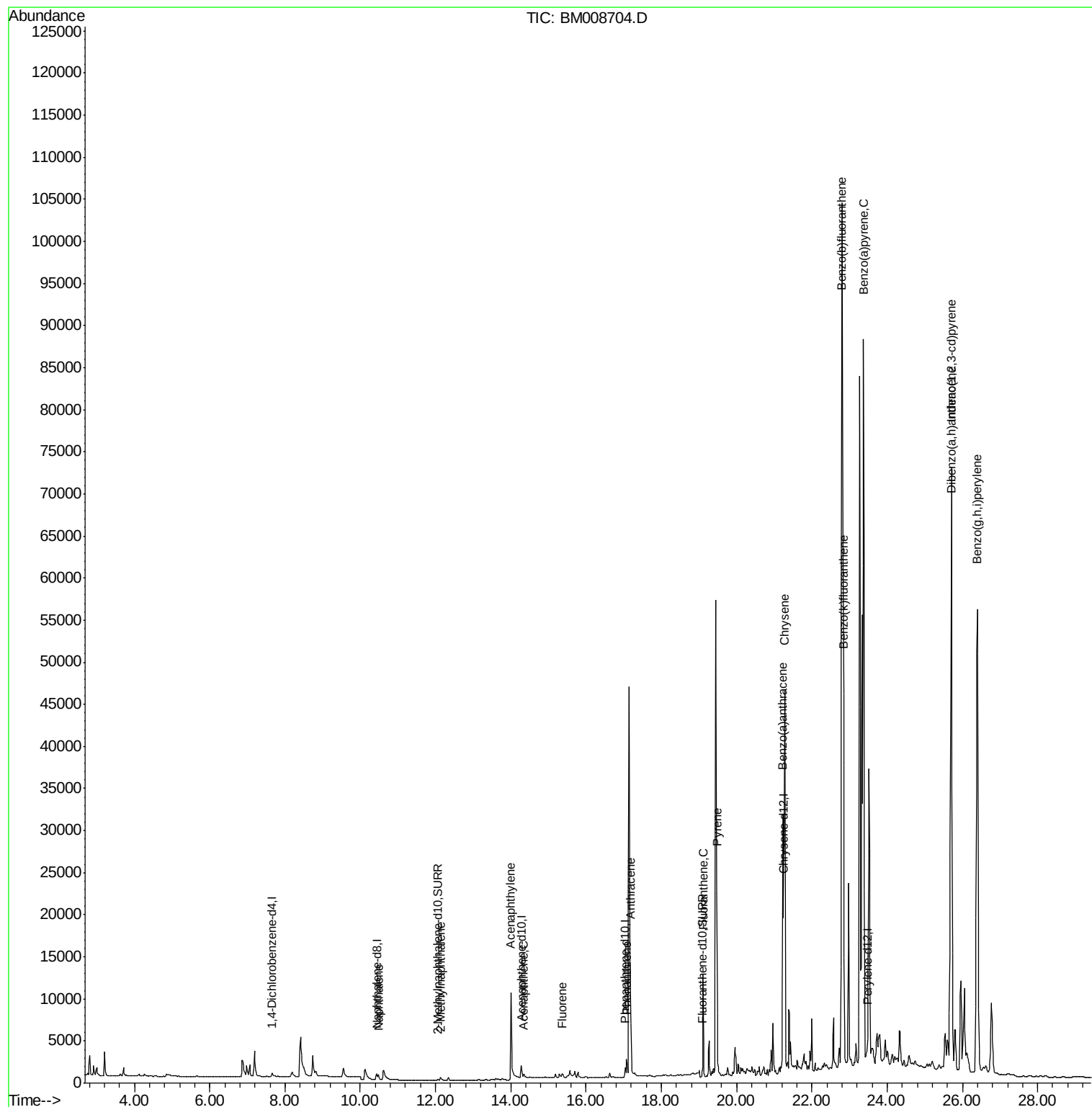
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008704.D
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ALS Vial : 16 Sample Multiplier: 1

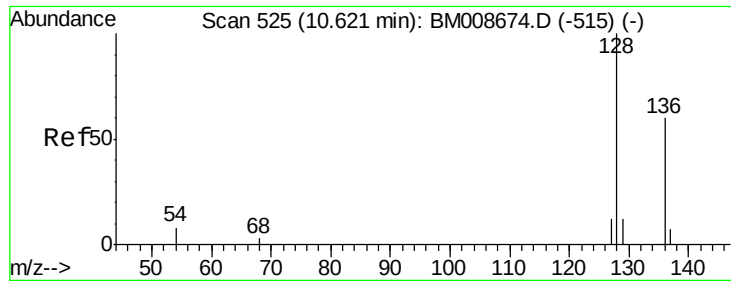
Instrument :
BNA_M
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Quant Time: Dec 29 04:42:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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#3

Naphthalene

Concen: 0.29 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.12 min

Lab File: BM008704.D

Acq: 28 Dec 2016 21:33

Instrument :

BNA_M

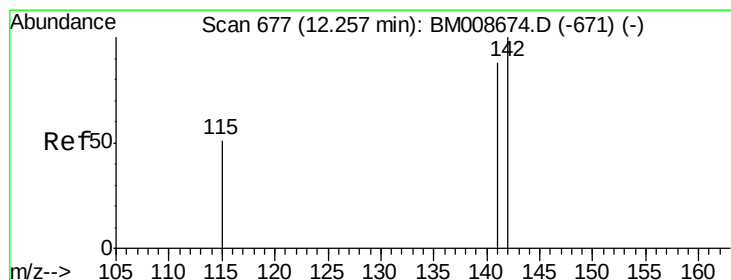
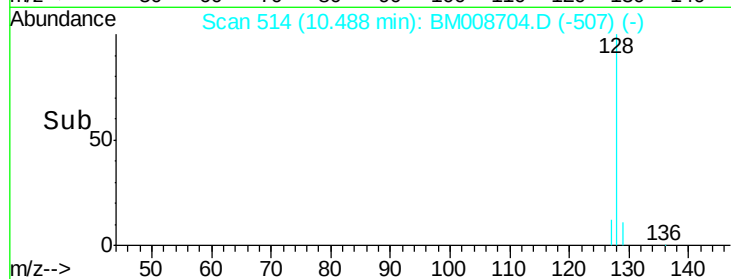
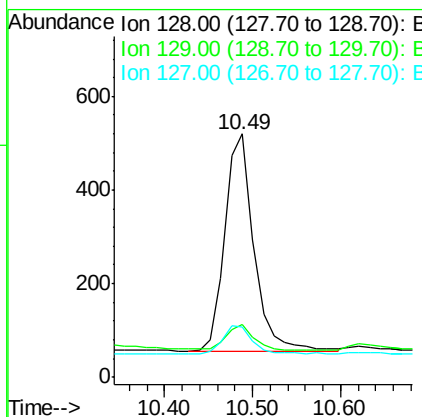
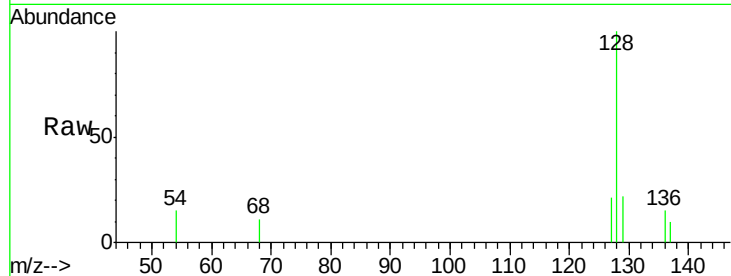
ClientSampleId :

DA7G0

Tgt Ion:	128	Resp:	1068
Ion Ratio	Lower	Upper	
128	100		
129	21.5	11.3	16.9#
127	20.6	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.17 ng/ul

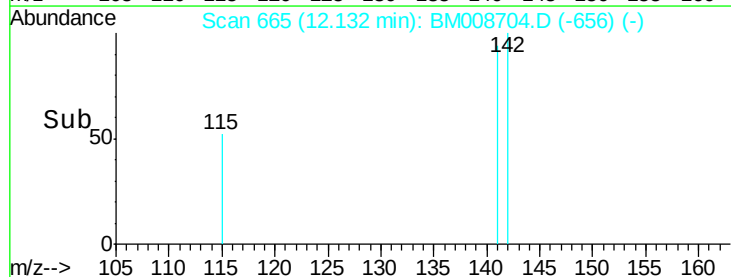
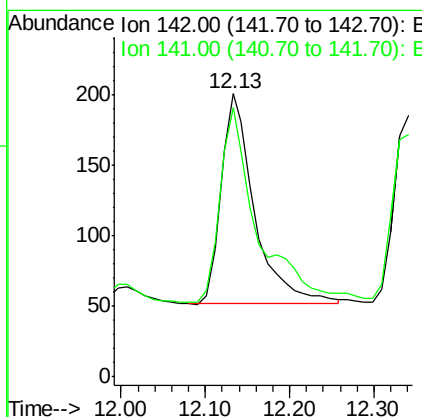
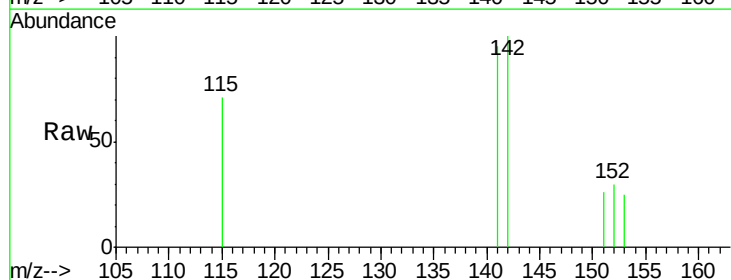
RT: 12.13 min Scan# 665

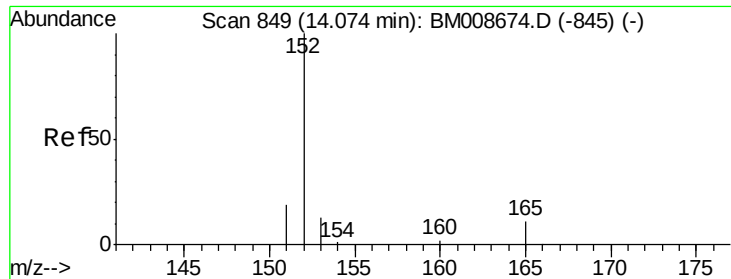
Delta R.T. -0.10 min

Lab File: BM008704.D

Acq: 28 Dec 2016 21:33

Tgt Ion:	142	Resp:	412
Ion Ratio	Lower	Upper	
142	100		
141	101.7	72.6	108.8





#7

Acenaphthylene

Concen: 2.78 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.07 min

Lab File: BM008704.D

Acq: 28 Dec 2016 21:33

Instrument :

BNA_M

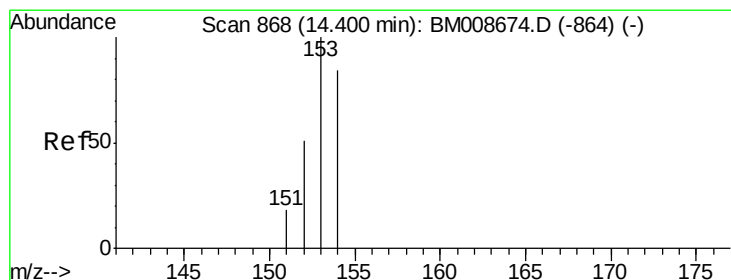
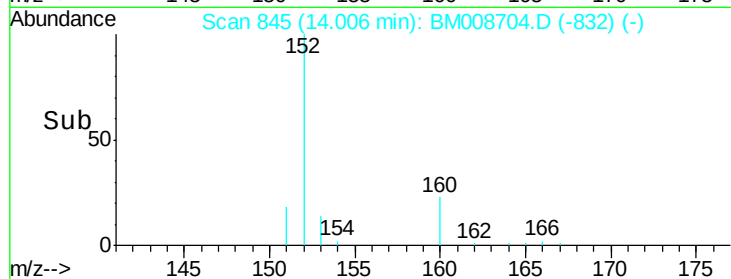
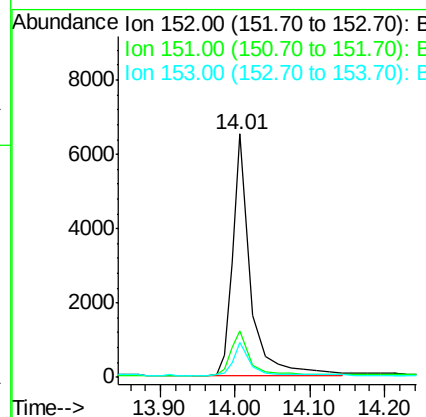
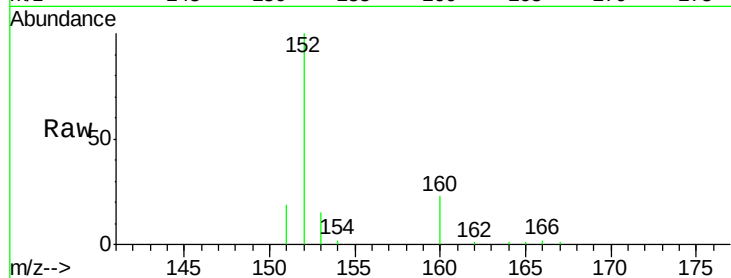
ClientSampleId :

DA7G0

Tgt Ion:	152	Resp:	11253
Ion Ratio	Lower	Upper	
152	100		
151	18.8	17.1	25.7
153	14.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.12 ng/ul

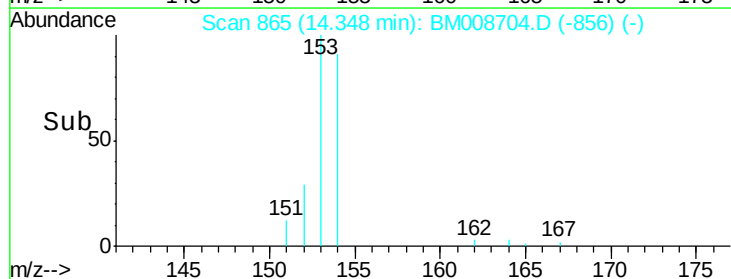
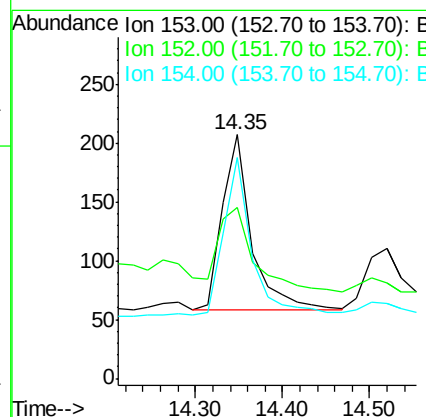
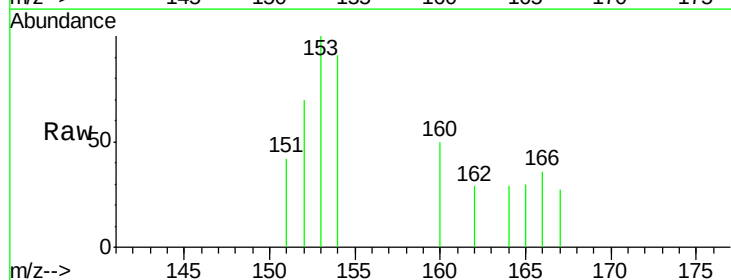
RT: 14.35 min Scan# 865

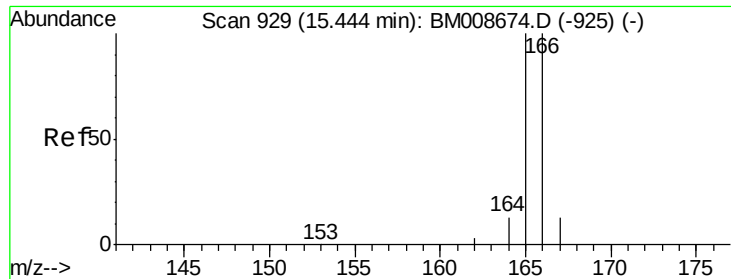
Delta R.T. -0.05 min

Lab File: BM008704.D

Acq: 28 Dec 2016 21:33

Tgt Ion:	153	Resp:	351
Ion Ratio	Lower	Upper	
153	100		
152	70.0	40.3	60.5#
154	90.8	71.4	107.2





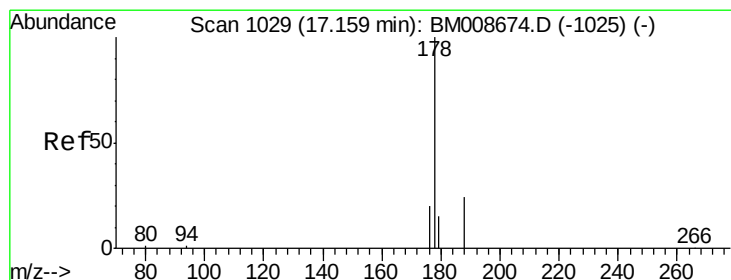
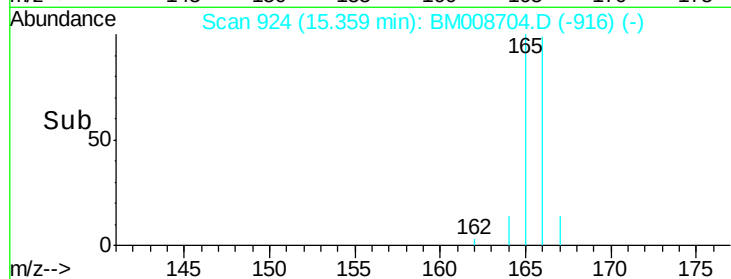
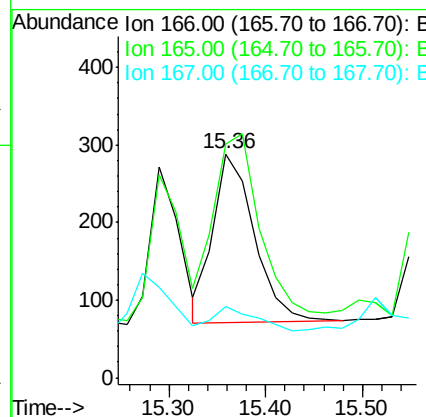
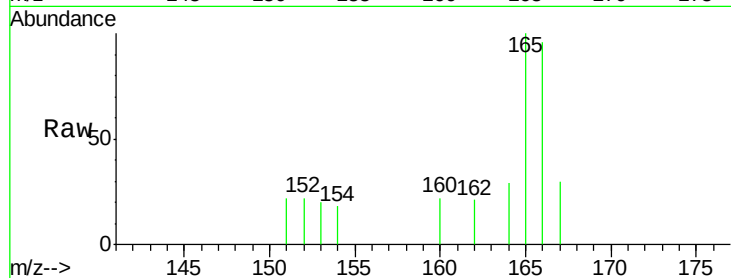
#9
Fluorene
 Concen: 0.19 ng/ul
 RT: 15.36 min Scan# 924
 Delta R.T. -0.07 min
 Lab File: BM008704.D
 Acq: 28 Dec 2016 21:33

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.2	73.4	110.2
167	31.5	14.6	22.0

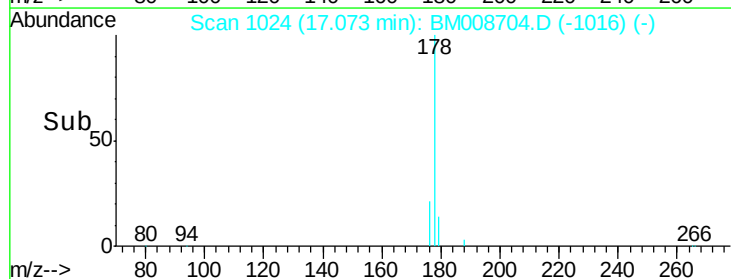
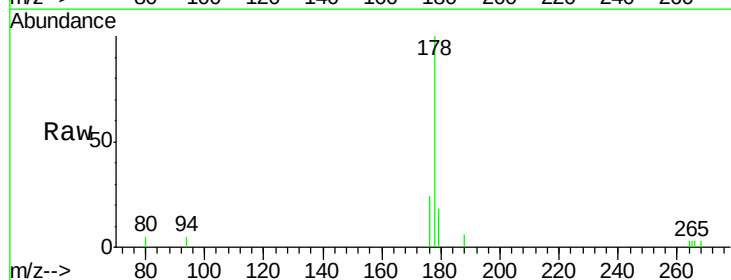
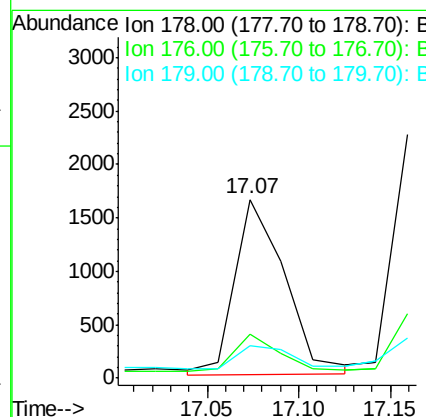
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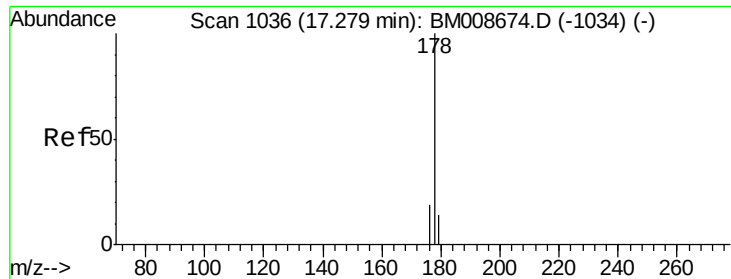
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#12
Phenanthrene
 Concen: 0.57 ng/ul m
 RT: 17.07 min Scan# 1024
 Delta R.T. -0.07 min
 Lab File: BM008704.D
 Acq: 28 Dec 2016 21:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.4	18.4	27.6
179	18.4	13.6	20.4





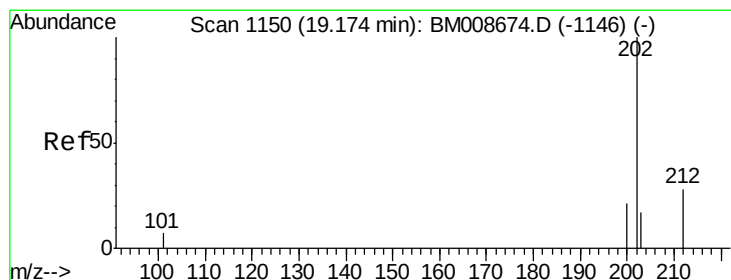
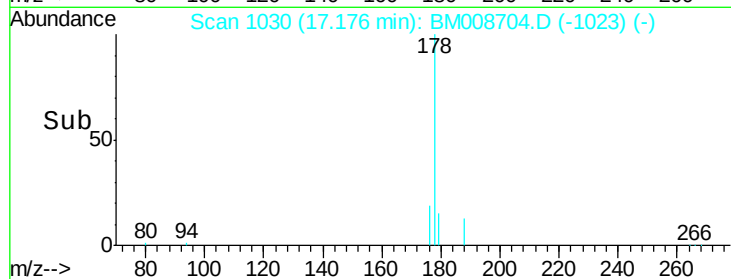
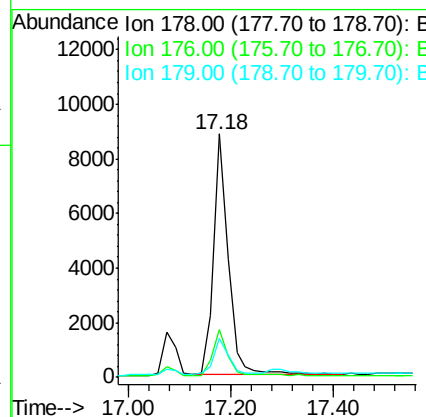
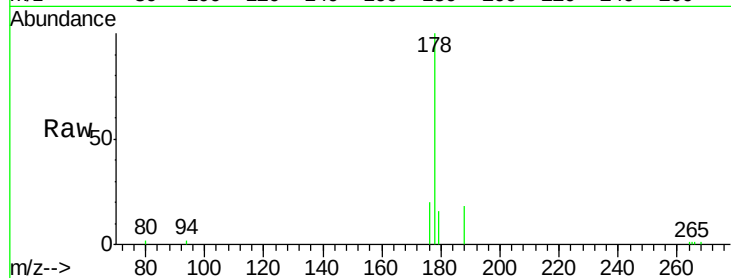
#13
 Anthracene
 Concen: 3.26 ng/ul
 RT: 17.18 min Scan# 1030
 Delta R.T. -0.09 min
 Lab File: BM008704.D
 Acq: 28 Dec 2016 21:33

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	18.1	27.1
179	16.1	14.7	22.1

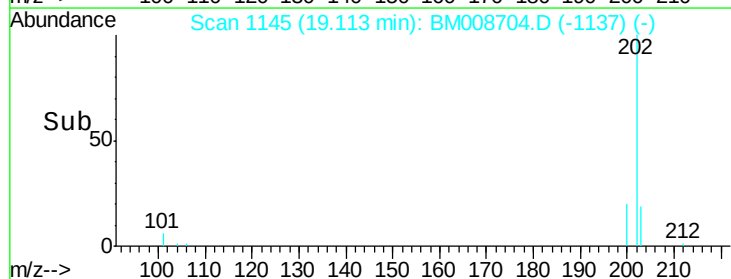
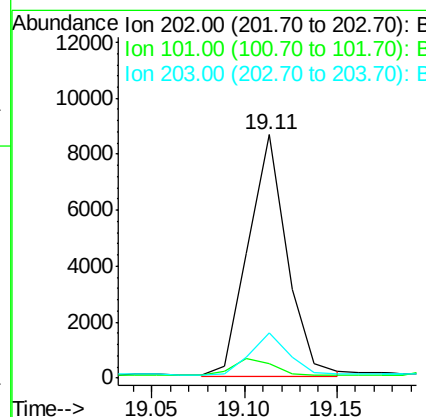
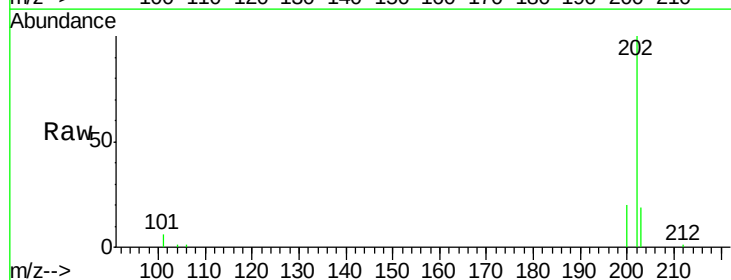
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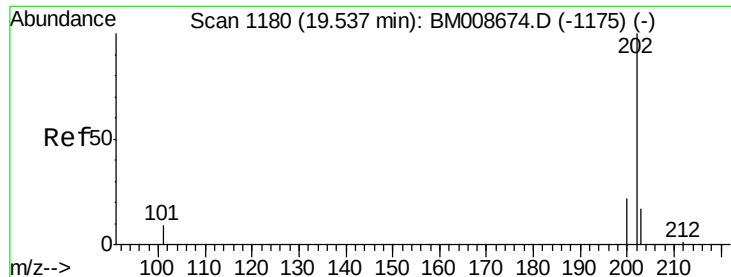
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#15
 Fluoranthene
 Concen: 1.87 ng/ul m
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.04 min
 Lab File: BM008704.D
 Acq: 28 Dec 2016 21:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	30.3
203	18.7	0.0	39.5





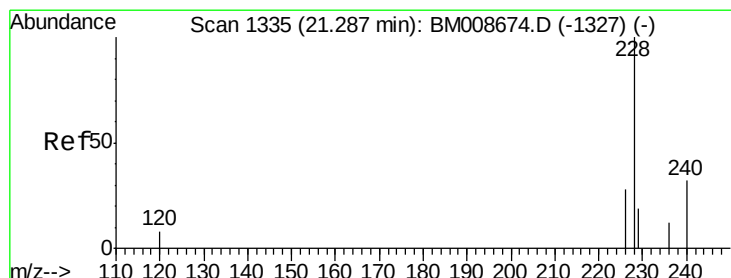
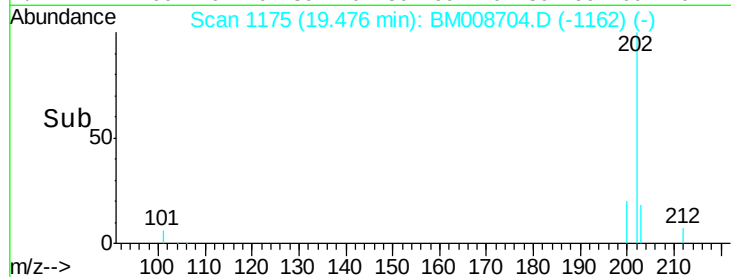
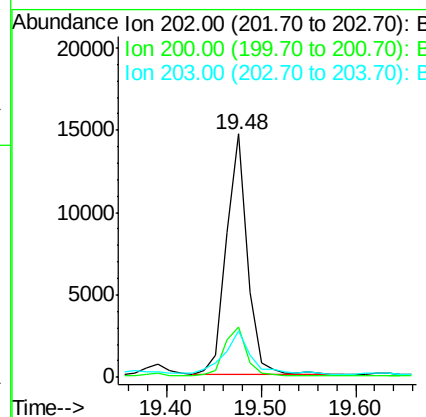
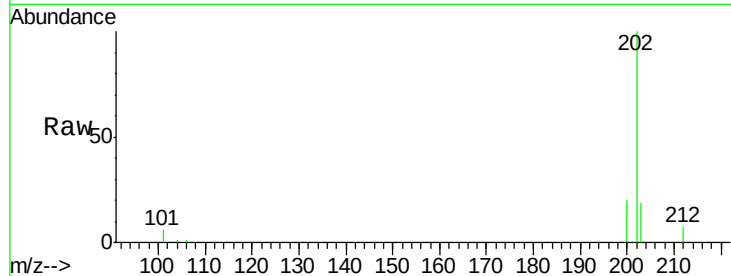
#17
 Pyrene
 Concen: 3.35 ng/ul
 RT: 19.48 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: BM008704.D
 Acq: 28 Dec 2016 21:33

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	22566		
200	20.4	18.2	27.4	
203	18.9	15.6	23.4	

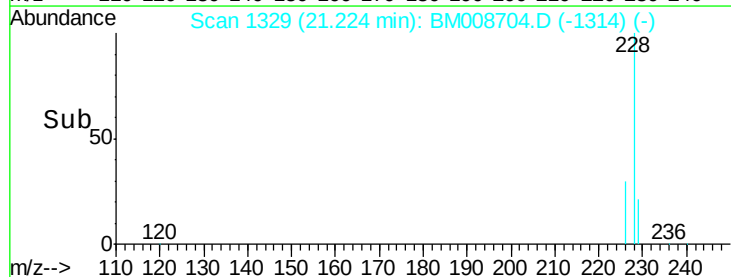
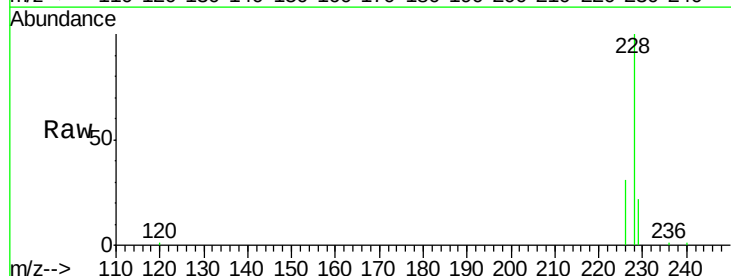
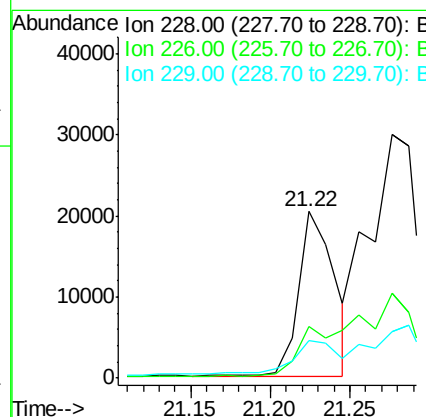
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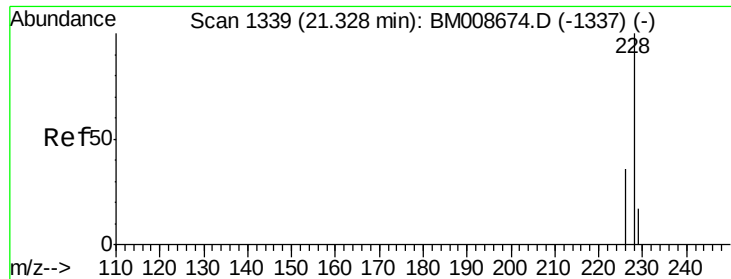
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#18
 Benzo(a)anthracene
 Concen: 5.57 ng/ul
 RT: 21.22 min Scan# 1329
 Delta R.T. -0.05 min
 Lab File: BM008704.D
 Acq: 28 Dec 2016 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	31868		
226	30.8	22.8	34.2	
229	22.3	17.0	25.6	





#19

Chrysene

Concen: 9.96 ng/ul

RT: 21.28 min Scan# 1334

Delta R.T. -0.05 min

Lab File: BM008704.D

Acq: 28 Dec 2016 21:33

Instrument :

BNA_M

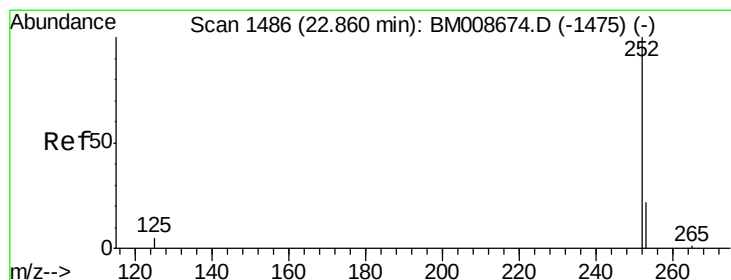
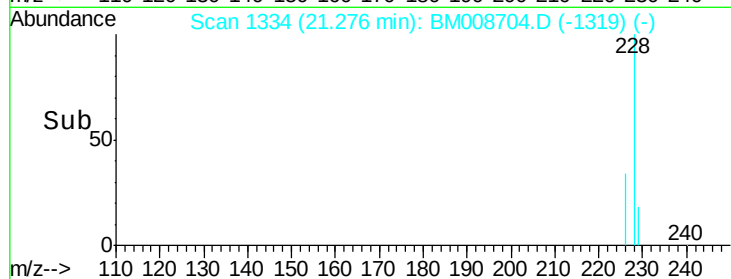
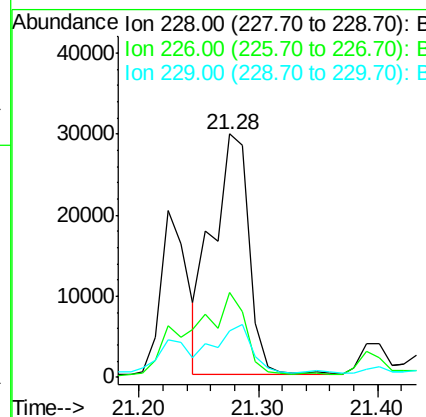
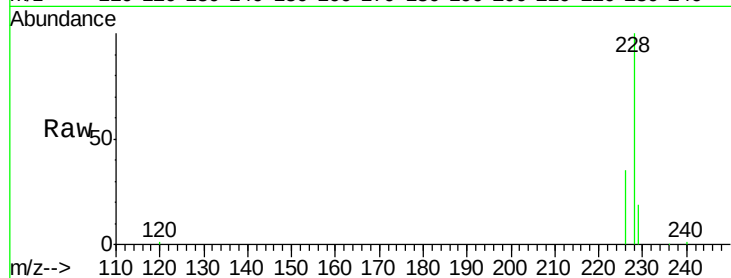
ClientSampleId :

DA7G0

Tgt Ion:	228	Resp:	62370
Ion Ratio	Lower	Upper	
228	100		
226	34.9	23.4	35.0
229	19.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 22.30 ng/ul m

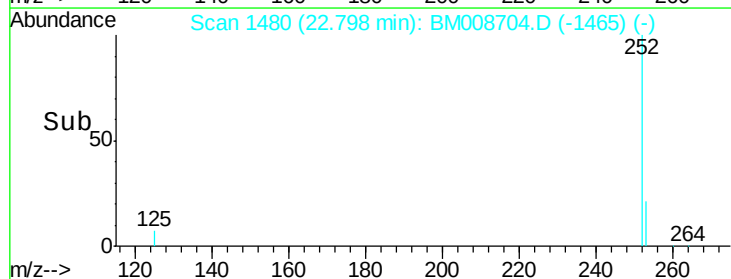
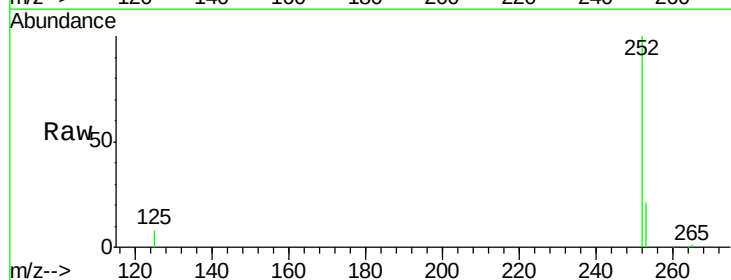
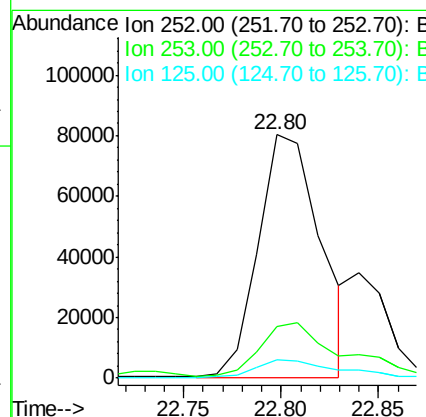
RT: 22.80 min Scan# 1480

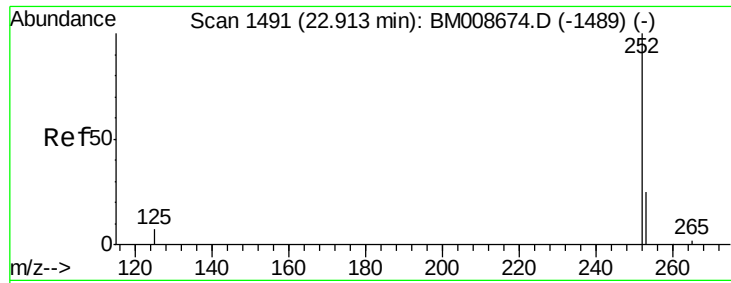
Delta R.T. -0.05 min

Lab File: BM008704.D

Acq: 28 Dec 2016 21:33

Tgt Ion:	252	Resp:	179484
Ion Ratio	Lower	Upper	
252	100		
253	21.2	0.0	64.2
125	7.8	0.0	35.0





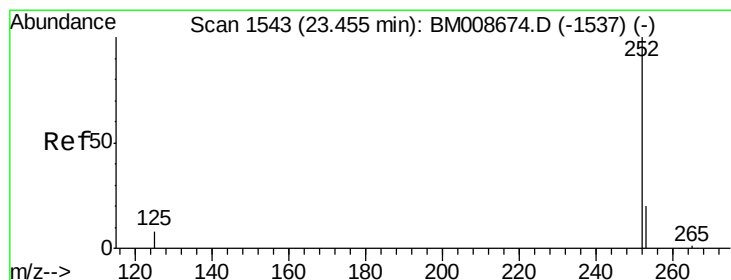
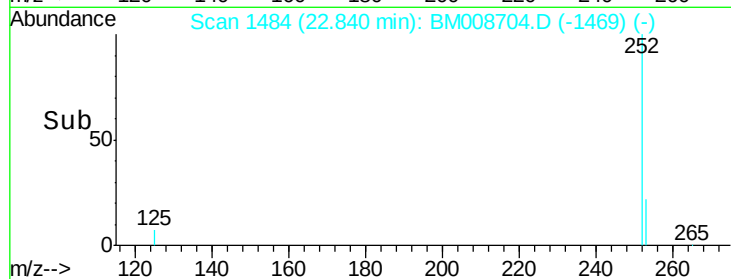
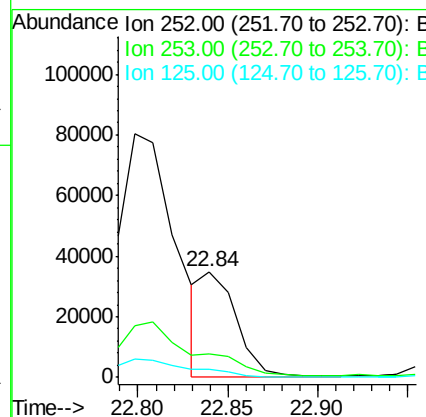
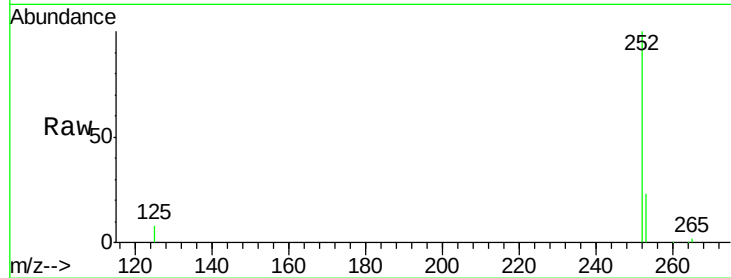
#22
Benzo(k)fluoranthene
Concen: 6.20 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.05 min
Lab File: BM008704.D
Acq: 28 Dec 2016 21:33

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	24.5	36.7#
125	7.7	13.7	20.5#

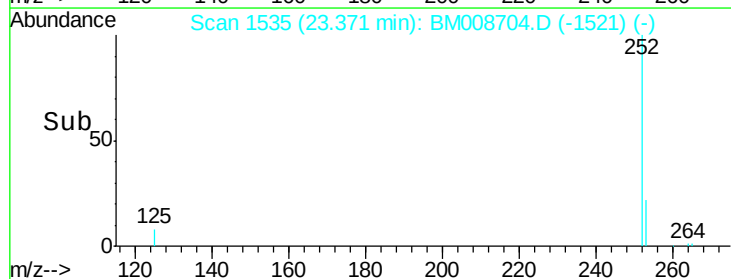
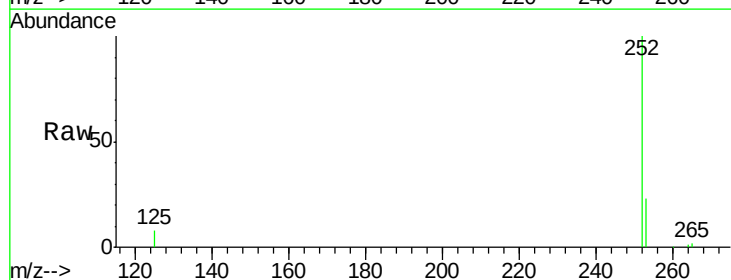
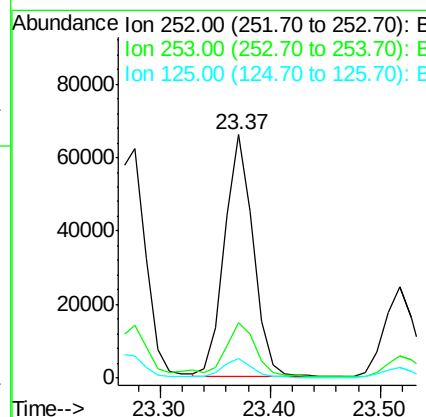
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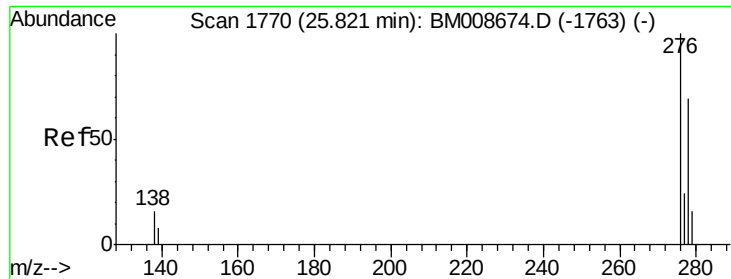
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#23
Benzo(a)pyrene
Concen: 15.90 ng/ul
RT: 23.37 min Scan# 1535
Delta R.T. -0.06 min
Lab File: BM008704.D
Acq: 28 Dec 2016 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	7.9	18.1	27.1#





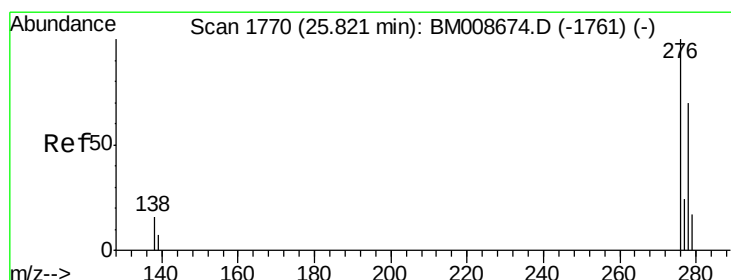
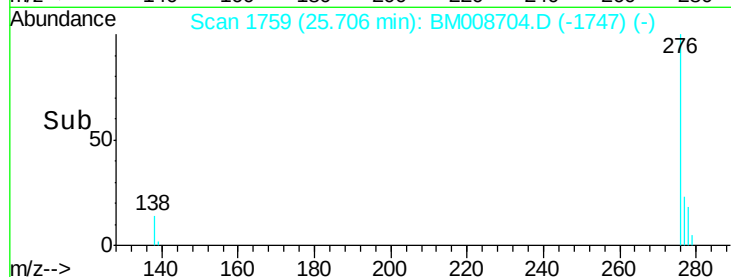
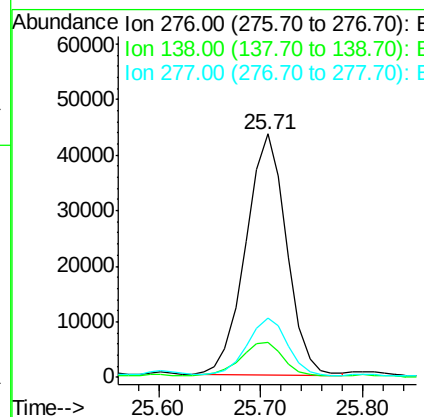
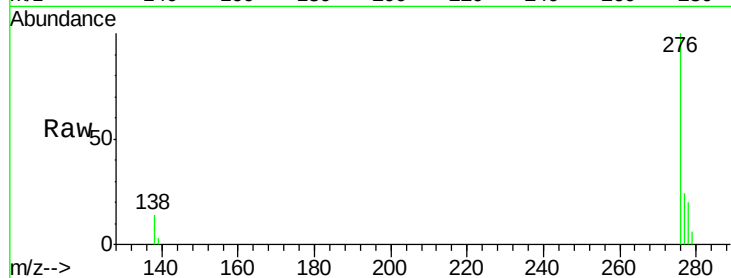
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 13.53 ng/ul
 RT: 25.71 min Scan# 1759
 Delta R.T. -0.08 min
 Lab File: BM008704.D
 Acq: 28 Dec 2016 21:33

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	120334		
138	14.8	19.1	28.7#	
277	23.7	19.6	29.4	

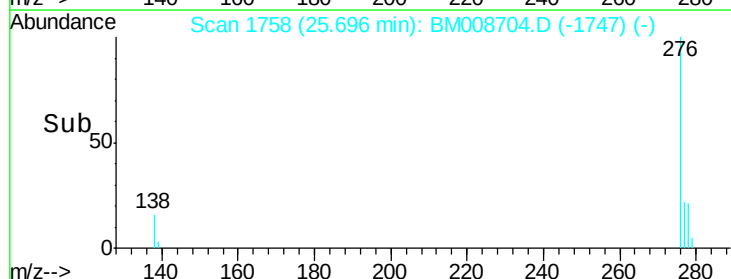
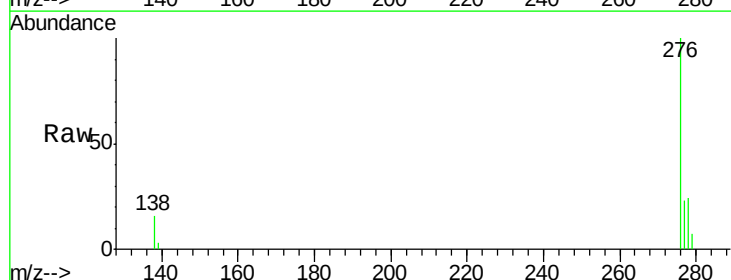
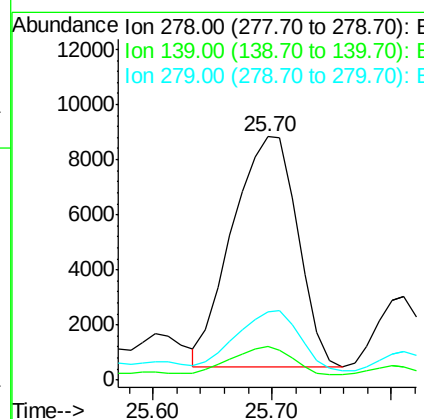
Manual Integrations
 APPROVED

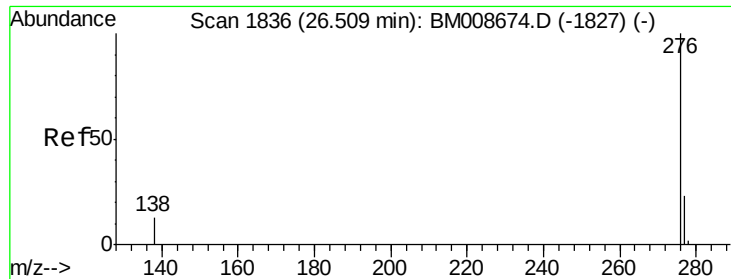
mohammad
 12/30/2016 8:53:54 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 4.47 ng/ul
 RT: 25.70 min Scan# 1758
 Delta R.T. -0.09 min
 Lab File: BM008704.D
 Acq: 28 Dec 2016 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	31728		
139	13.7	17.4	26.0#	
279	27.8	25.9	38.9	





#26
 Benzo(g,h,i)perylene
 Concen: 16.17 ng/ul
 RT: 26.39 min Scan# 1825
 Delta R.T. -0.09 min
 Lab File: BM008704.D
 Acq: 28 Dec 2016 21:33

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	21.8	32.8
138	15.3	20.5	30.7

Manual Integrations
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