

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008545.D
 Acq On : 22 Dec 2016 08:01
 Operator : UM/SJ
 Sample : H6069-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H7

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Sohil
 12/22/2016 12:36:42 PM

Quant Time: Dec 22 11:26:32 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 22 02:22:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	375	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	1214	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	736	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1302m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1297	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1093m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	408	0.22	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	900m	0.25	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	692	0.20	ng/ul#	81
5) 2-Methylnaphthalene	12.12	142	626	0.27	ng/ul	100
7) Acenaphthylene	14.01	152	777	0.23	ng/ul#	89
8) Acenaphthene	14.35	153	58	0.02	ng/ul#	77
9) Fluorene	15.36	166	76	0.03	ng/ul#	75
12) Phenanthrene	17.07	178	1143m	0.29	ng/ul	
13) Anthracene	17.18	178	885	0.23	ng/ul#	85
15) Fluoranthene	19.12	202	3760	0.77	ng/ul	94
17) Pyrene	19.47	202	4634	0.92	ng/ul	97
18) Benzo(a)anthracene	21.24	228	3488	0.82	ng/ul	94
19) Chrysene	21.29	228	3156	0.68	ng/ul	94
21) Benzo(b)fluoranthene	22.80	252	8349m	1.94	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	2370m	0.56	ng/ul	
23) Benzo(a)pyrene	23.38	252	4481m	1.12	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	3796m	0.80	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	1058m	0.28	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	3587m	0.88	ng/ul	

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

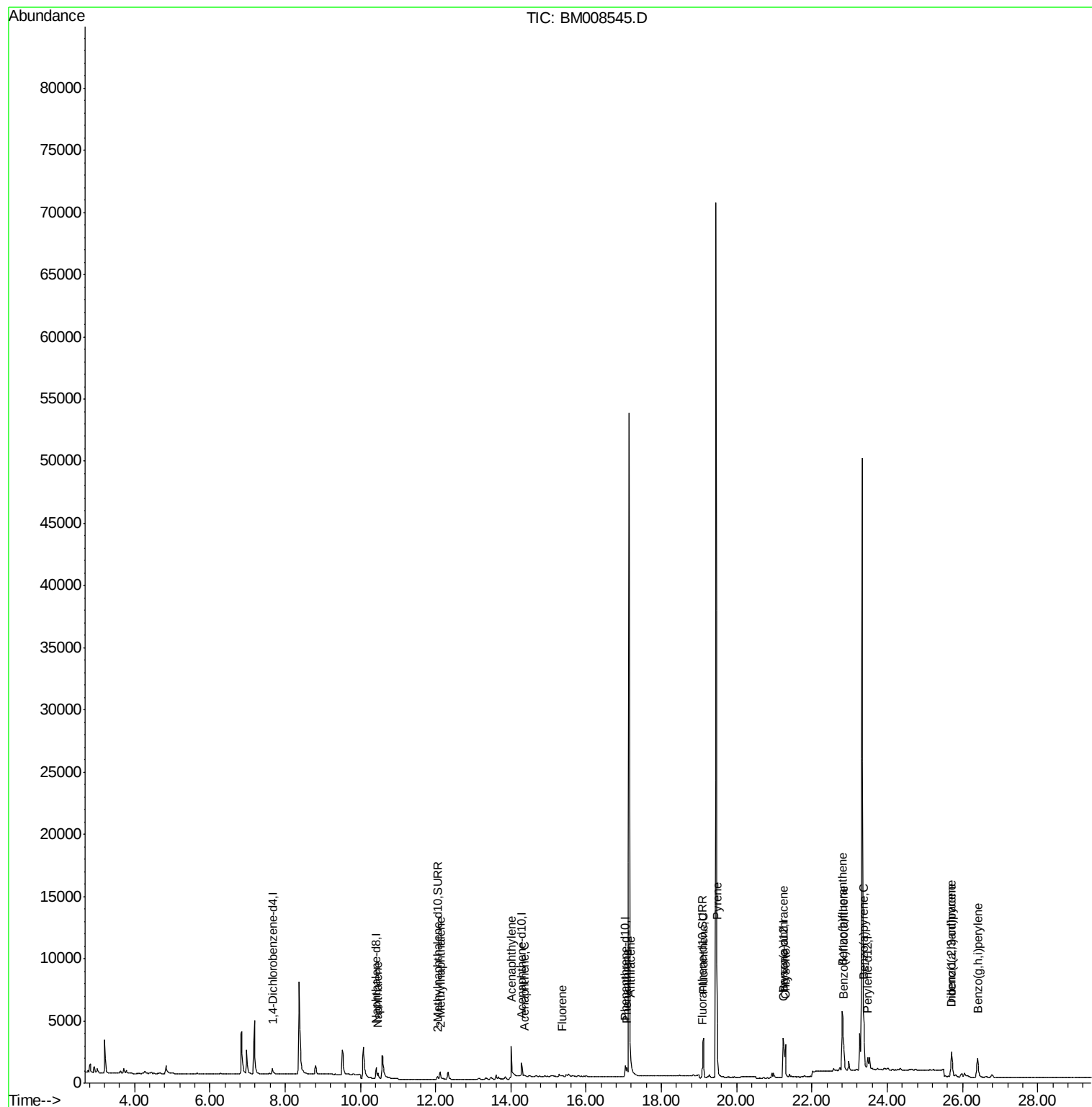
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008545.D
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ALS Vial : 37 Sample Multiplier: 1

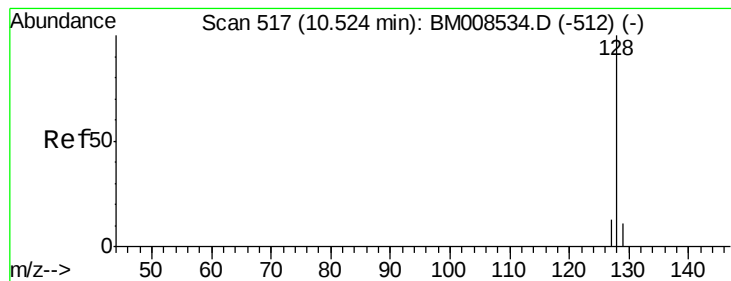
Instrument :
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Quant Time: Dec 22 11:26:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.20 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.05 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Instrument :

BNA_M

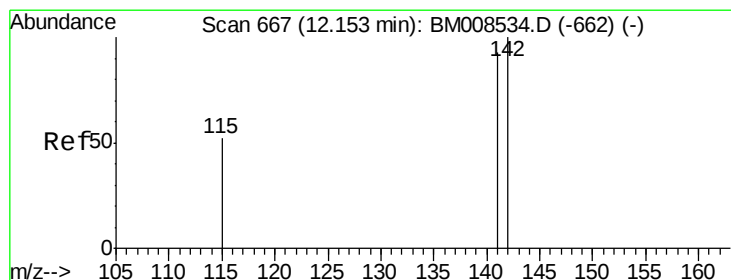
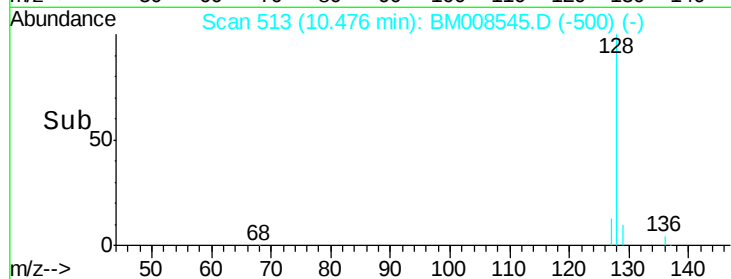
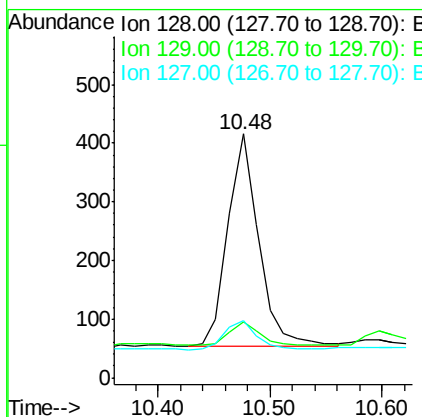
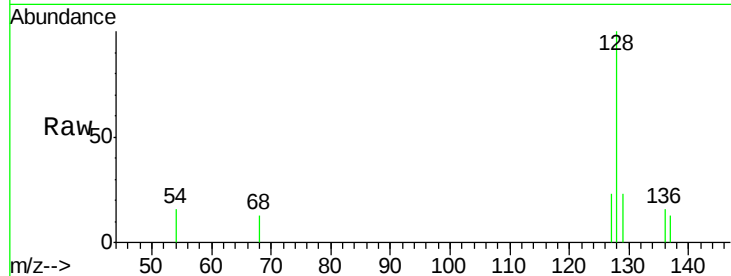
ClientSampleId :

DA7H7

Tgt Ion:	128	Resp:	692
Ion Ratio	Lower	Upper	
128	100		
129	22.8	11.3	16.9#
127	23.3	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.27 ng/ul

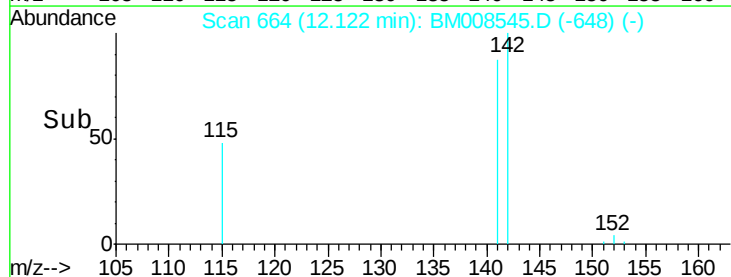
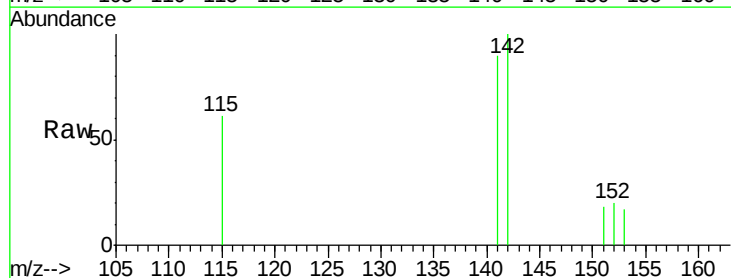
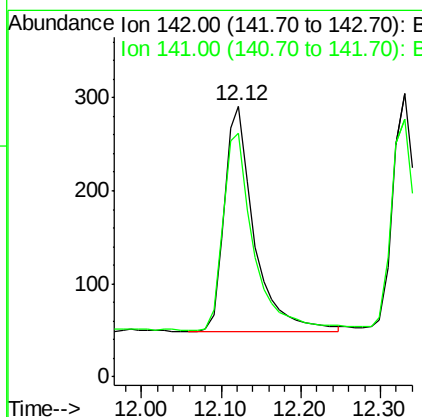
RT: 12.12 min Scan# 664

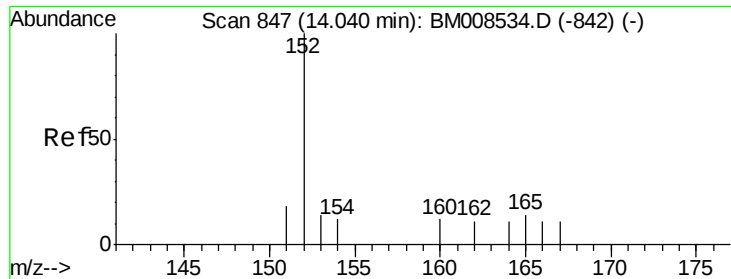
Delta R.T. -0.03 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Tgt Ion:	142	Resp:	626
Ion Ratio	Lower	Upper	
142	100		
141	90.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.23 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Instrument :

BNA_M

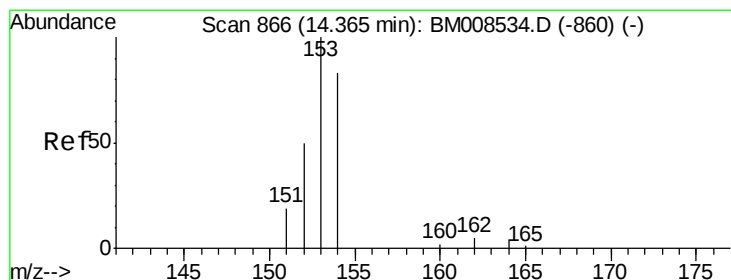
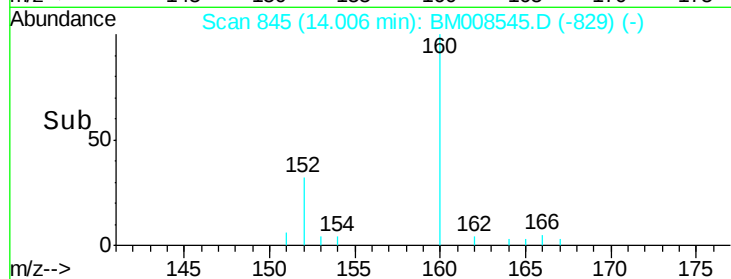
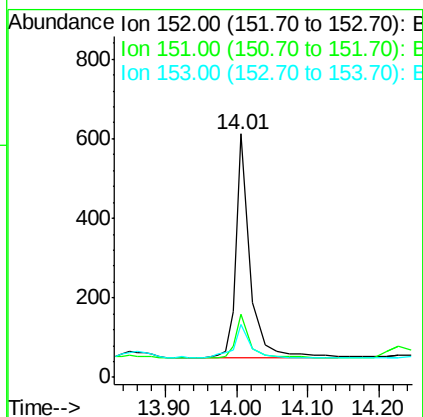
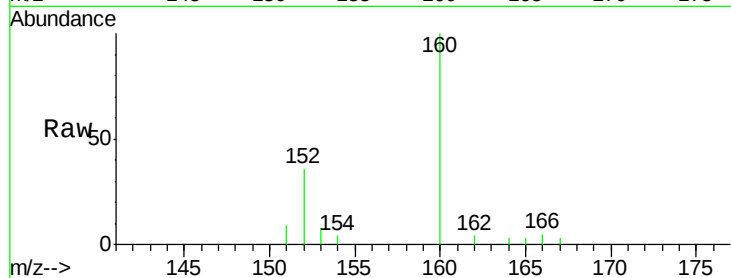
ClientSampleId :

DA7H7

Tgt Ion:	152	Resp:	777
Ion Ratio	Lower	Upper	
152	100		
151	25.8	17.1	25.7#
153	21.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.02 ng/ul

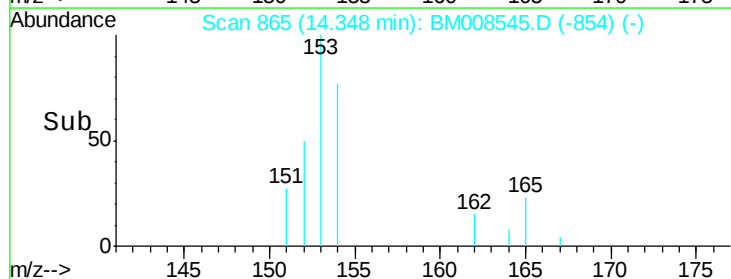
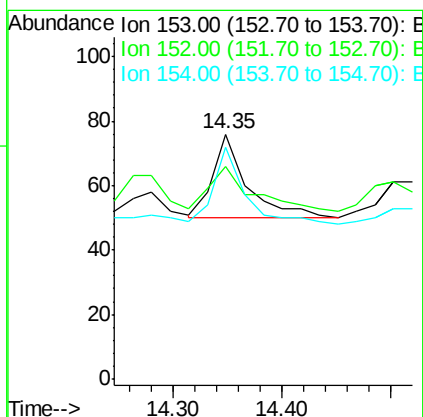
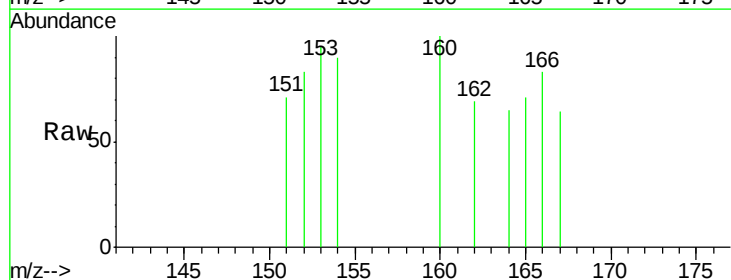
RT: 14.35 min Scan# 865

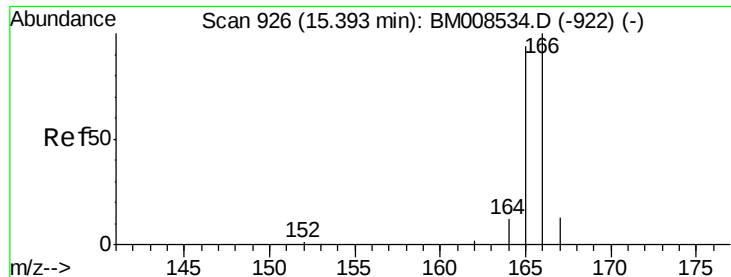
Delta R.T. -0.02 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Tgt Ion:	153	Resp:	58
Ion Ratio	Lower	Upper	
153	100		
152	86.8	40.3	60.5#
154	94.7	71.4	107.2





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Instrument :

BNA_M

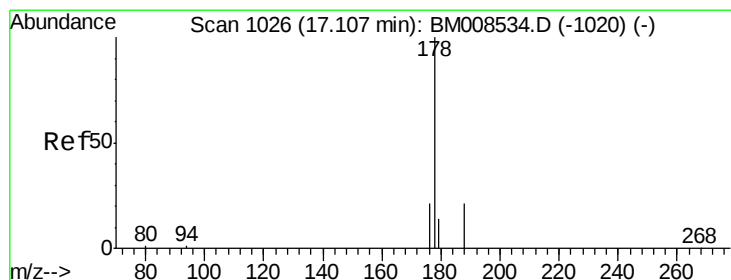
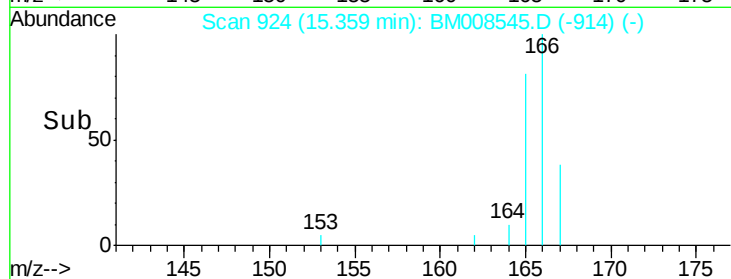
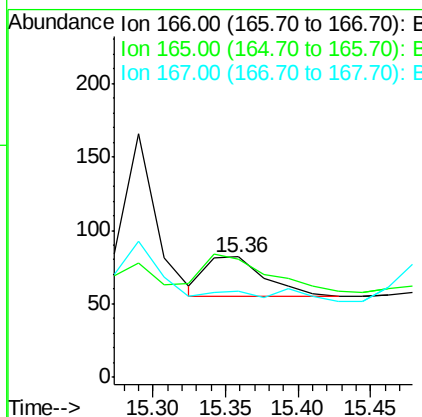
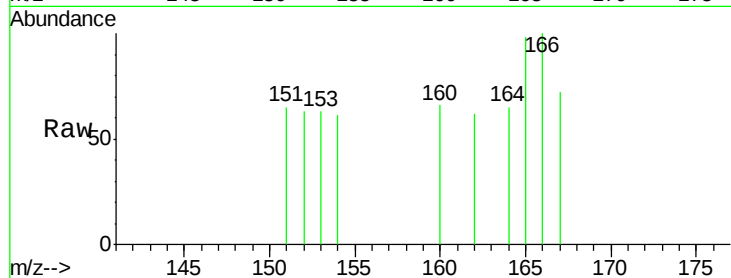
ClientSampleId :

DA7H7

Tgt Ion:	166	Resp:	76
Ion Ratio	Lower	Upper	
166	100		
165	97.6	73.4	110.2
167	72.0	14.6	22.0#

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#12

Phenanthrene

Concen: 0.29 ng/ul m

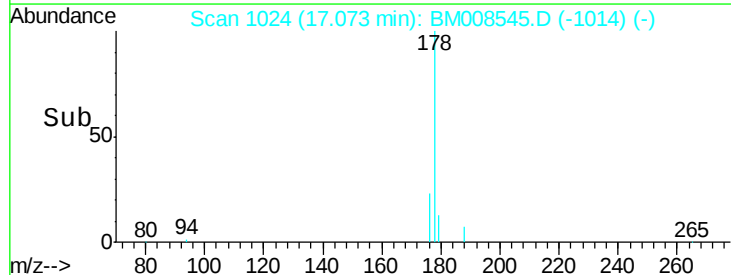
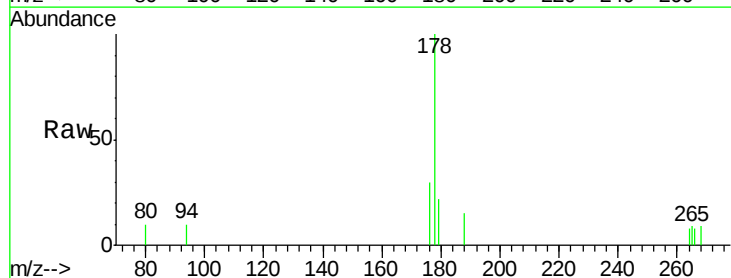
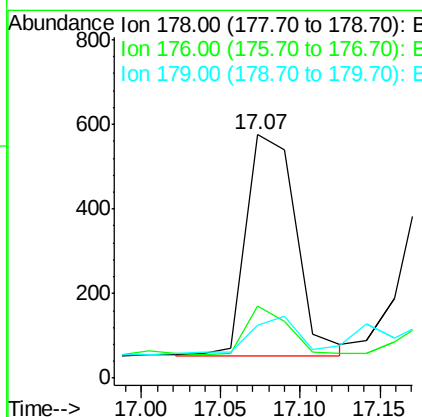
RT: 17.07 min Scan# 1024

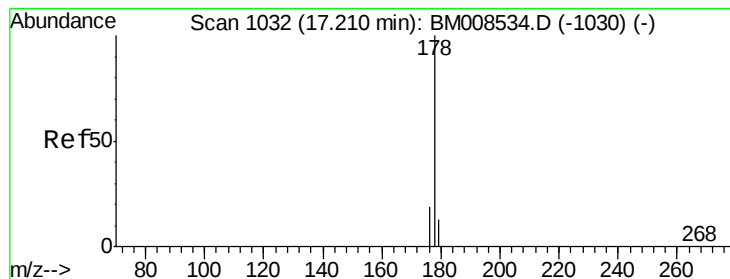
Delta R.T. -0.03 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Tgt Ion:	178	Resp:	1143
Ion Ratio	Lower	Upper	
178	100		
176	29.9	18.4	27.6#
179	21.7	13.6	20.4#





#13

Anthracene

Concen: 0.23 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Instrument :

BNA_M

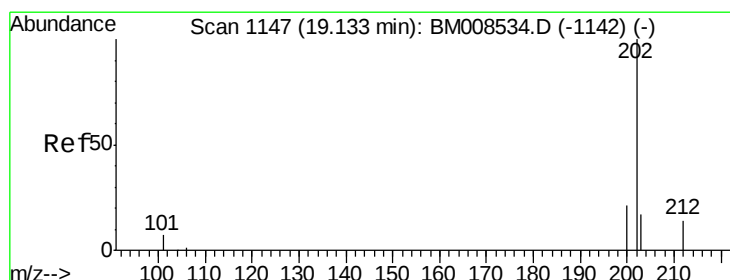
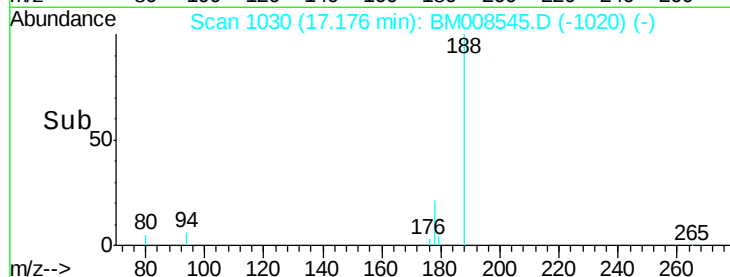
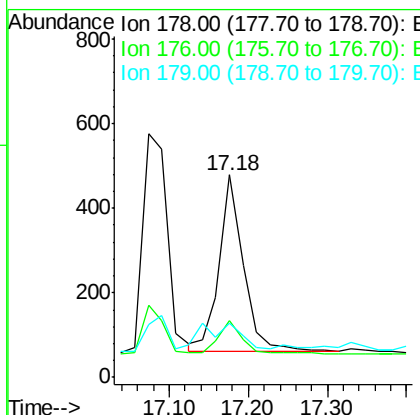
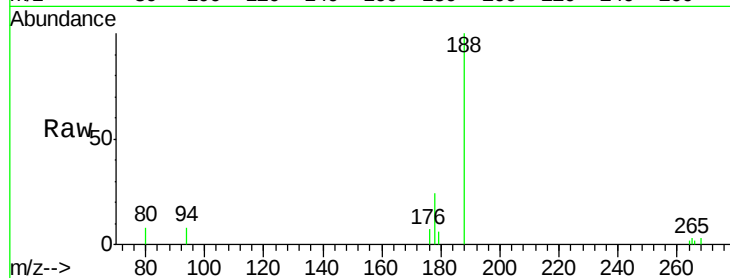
ClientSampleId :

DA7H7

Tgt Ion:	178	Resp:	885
Ion Ratio	Lower	Upper	
178	100		
176	28.0	18.1	27.1#
179	26.7	14.7	22.1#

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#15

Fluoranthene

Concen: 0.77 ng/ul

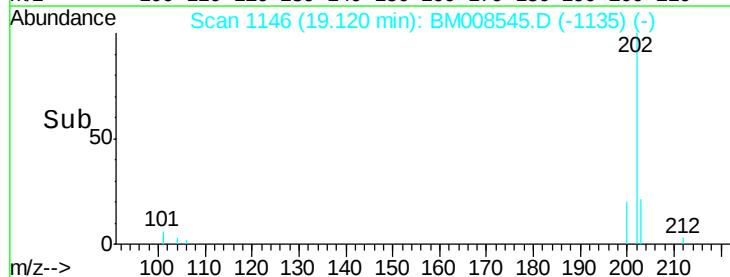
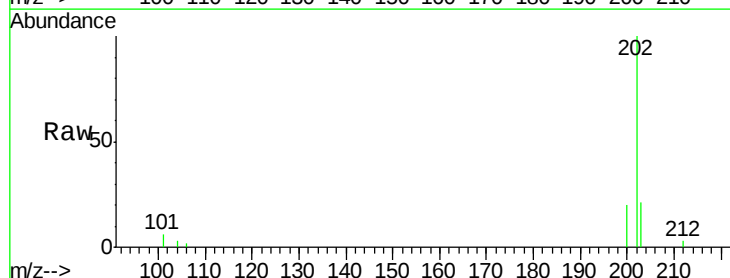
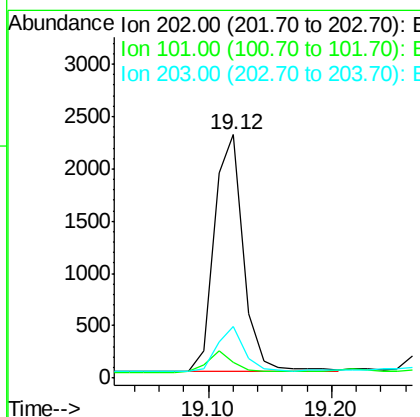
RT: 19.12 min Scan# 1146

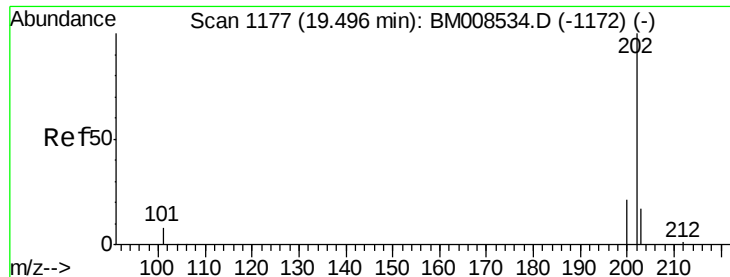
Delta R.T. -0.01 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Tgt Ion:	202	Resp:	3760
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	30.3
203	21.0	0.0	39.5





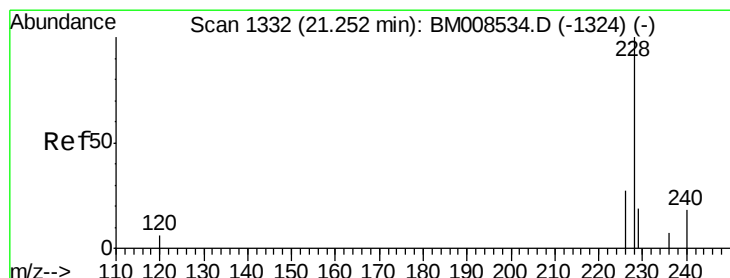
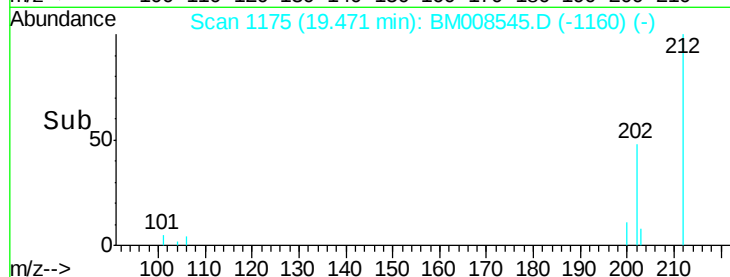
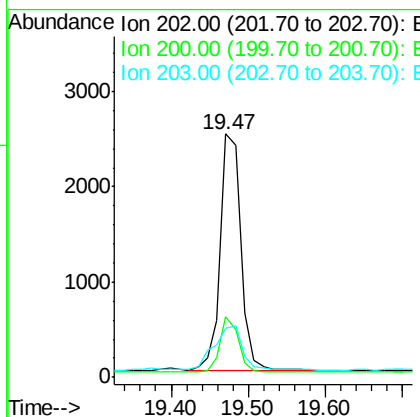
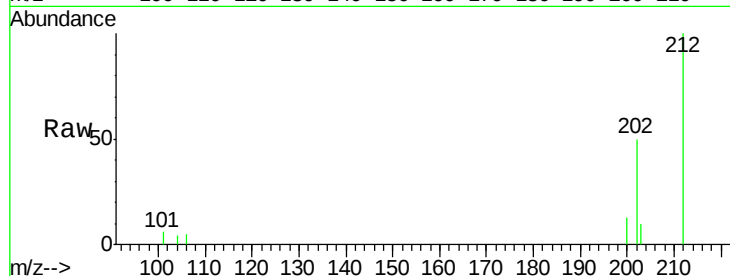
#17
 Pyrene
 Concen: 0.92 ng/u1
 RT: 19.47 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BM008545.D
 Acq: 22 Dec 2016 08:01

Instrument :
 BNA_M
 ClientSampleId :
 DA7H7

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.0	18.2	27.4
203	20.2	15.6	23.4

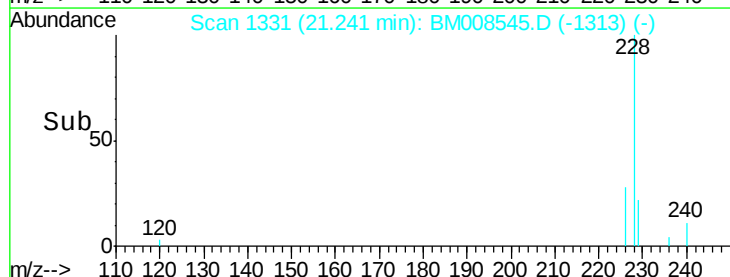
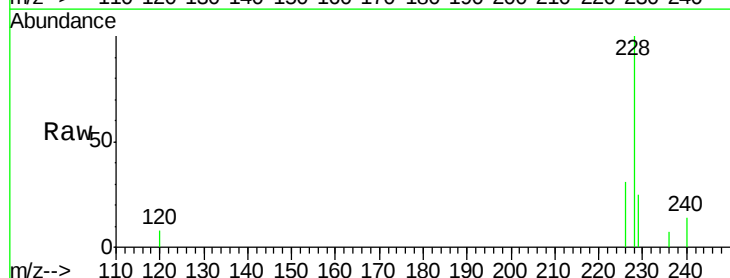
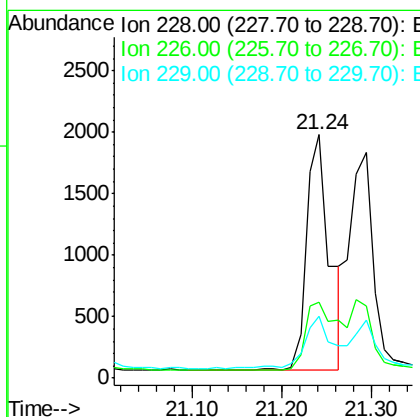
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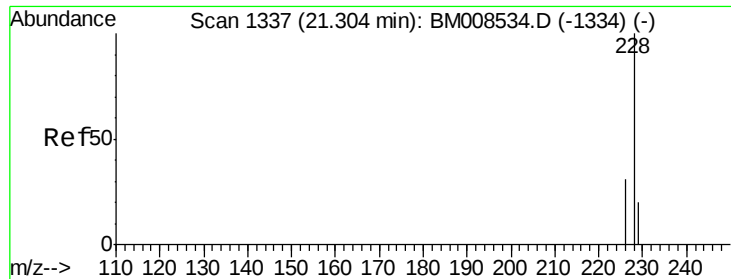
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#18
 Benzo(a)anthracene
 Concen: 0.82 ng/u1
 RT: 21.24 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BM008545.D
 Acq: 22 Dec 2016 08:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.8	34.2
229	25.4	17.0	25.6





#19

Chrysene

Concen: 0.68 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Instrument :

BNA_M

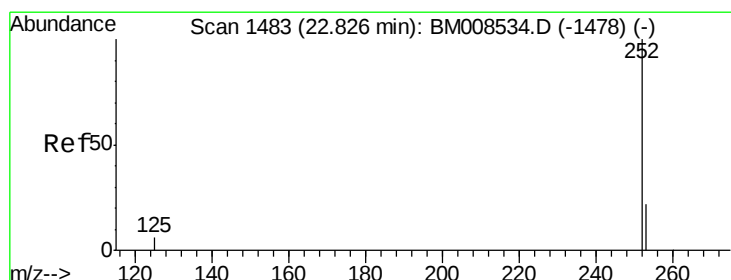
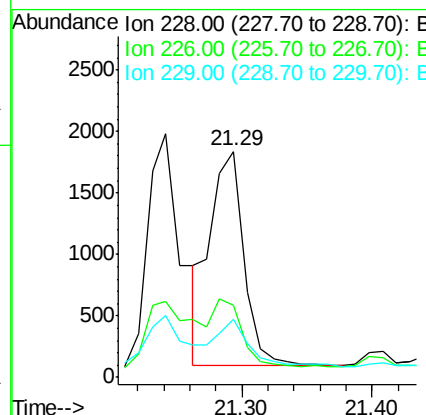
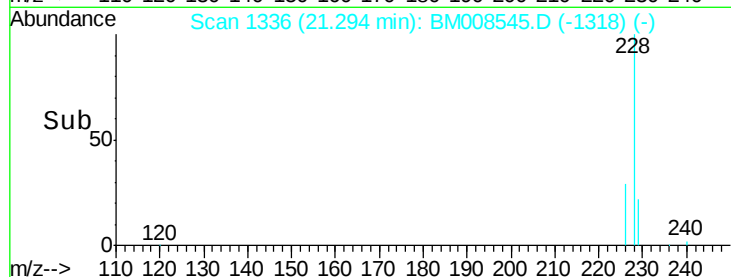
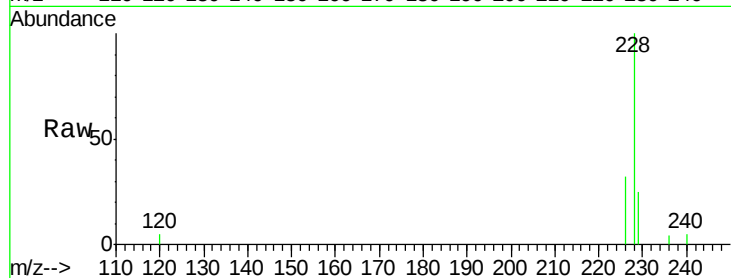
ClientSampleId :

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Tgt Ion:	228	Resp:	3156
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.4	35.0
229	25.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.94 ng/ul m

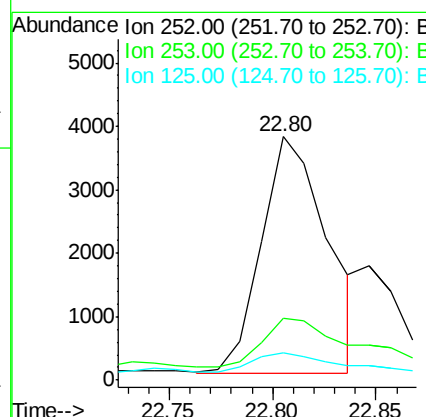
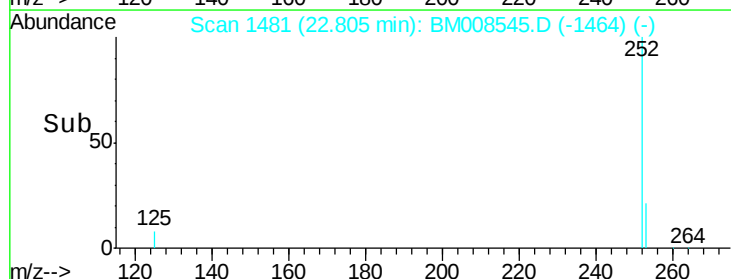
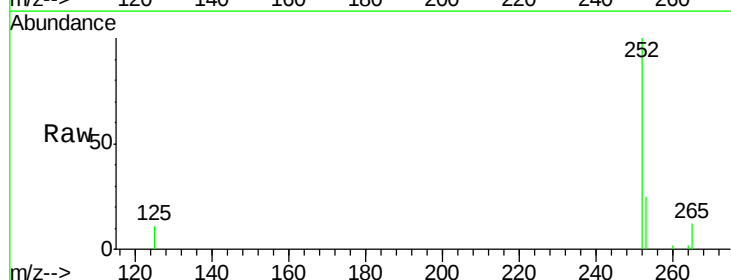
RT: 22.80 min Scan# 1481

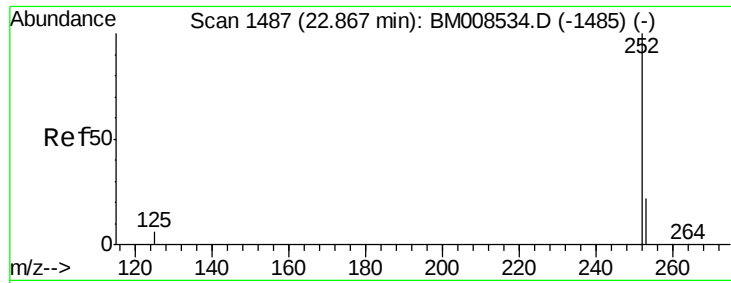
Delta R.T. -0.02 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

Tgt Ion:	252	Resp:	8349
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	64.2
125	11.0	0.0	35.0





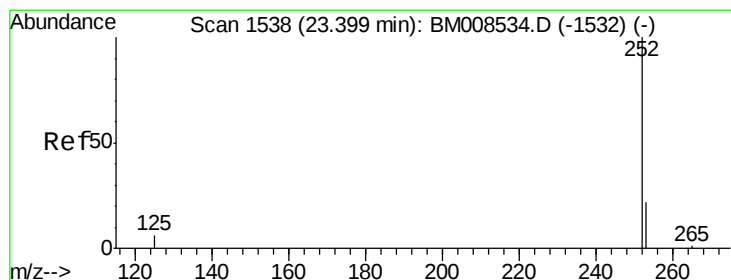
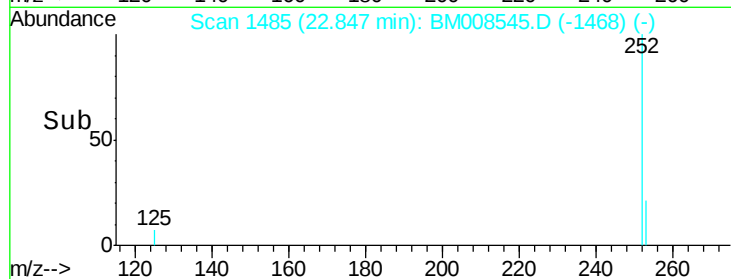
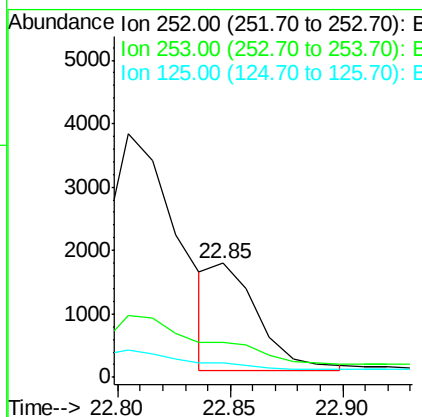
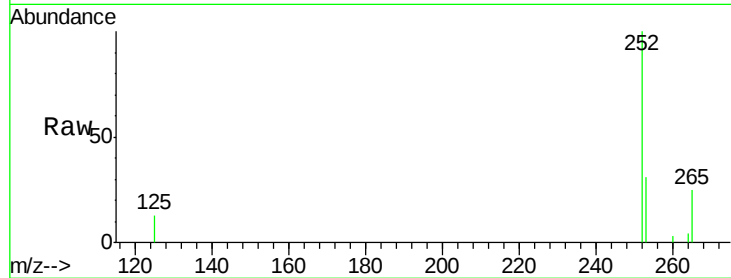
#22
Benzo(k)fluoranthene
Concen: 0.56 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BM008545.D
Acq: 22 Dec 2016 08:01

Instrument :
BNA_M
ClientSampleId :
DA7H7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.6	24.5	36.7
125	12.8	13.7	20.5#

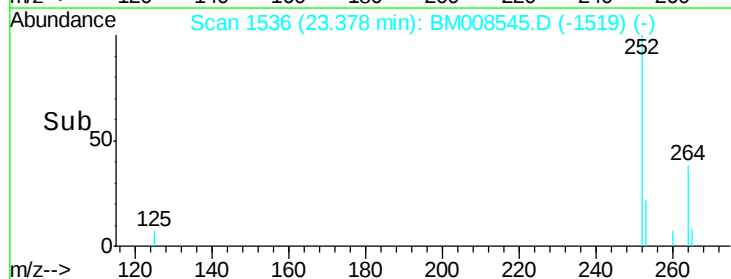
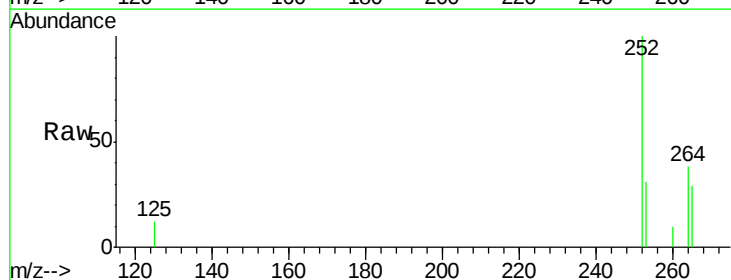
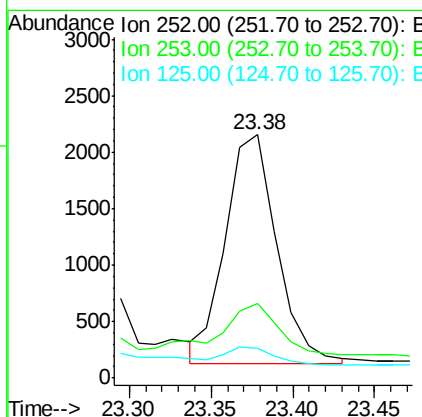
Manual Integrations
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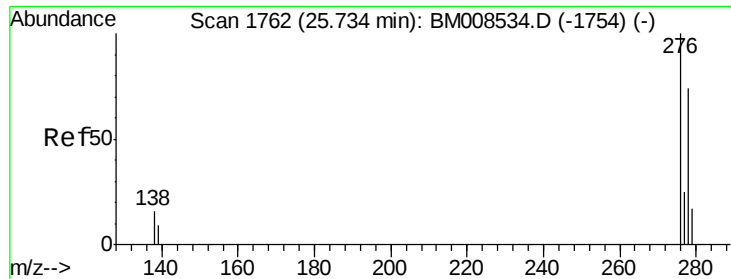
Sohil
12/22/2016 12:36:42 PM



#23
Benzo(a)pyrene
Concen: 1.12 ng/ul m
RT: 23.38 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BM008545.D
Acq: 22 Dec 2016 08:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.7	28.5	42.7
125	12.2	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.80 ng/ul m

RT: 25.71 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BM008545.D

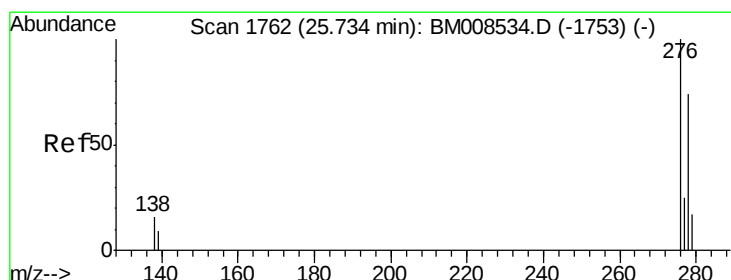
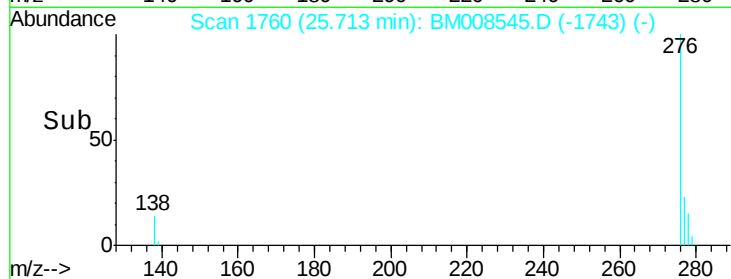
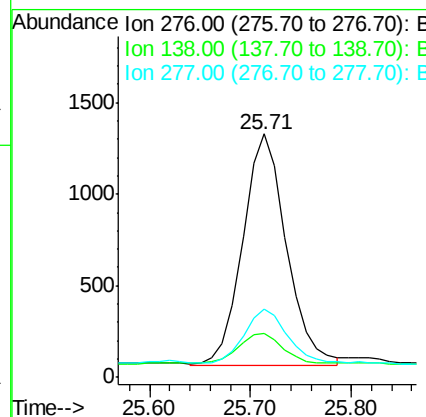
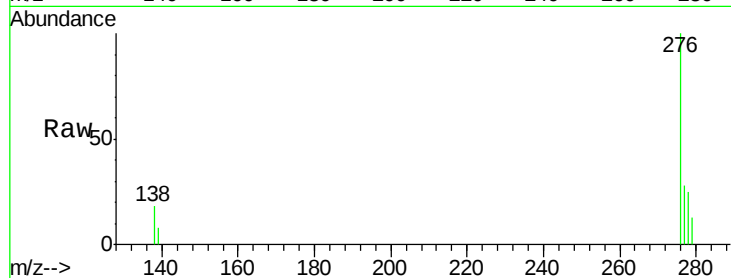
Acq: 22 Dec 2016 08:01

Instrument :
BNA_M
ClientSampleId :
DA7H7

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

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#25

Dibenzo(a,h)anthracene

Concen: 0.28 ng/ul m

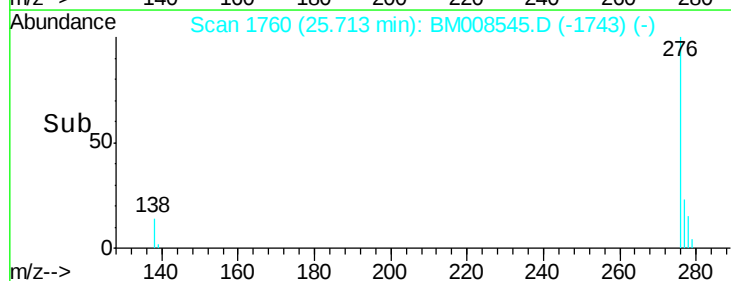
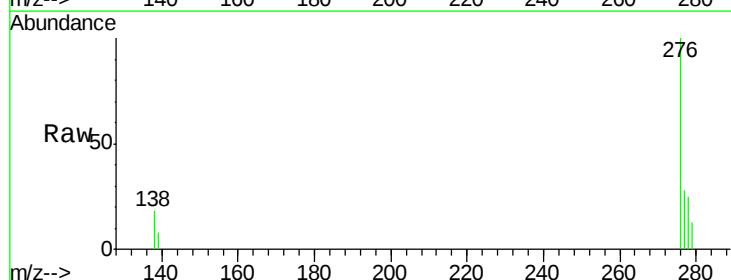
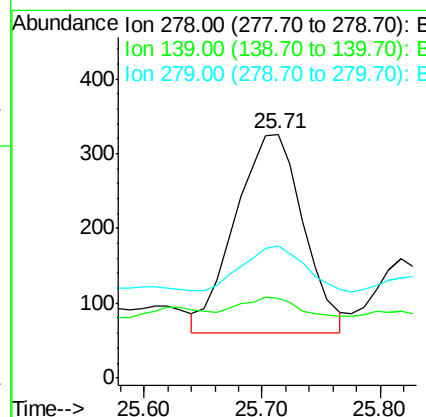
RT: 25.71 min Scan# 1760

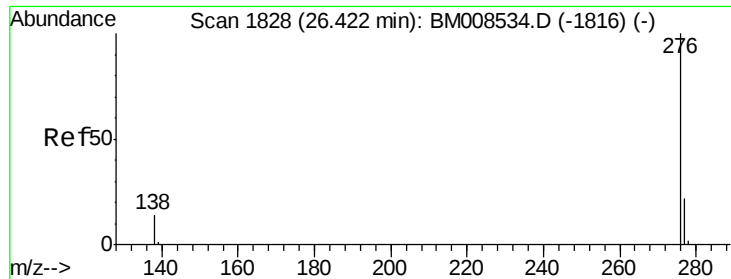
Delta R.T. -0.02 min

Lab File: BM008545.D

Acq: 22 Dec 2016 08:01

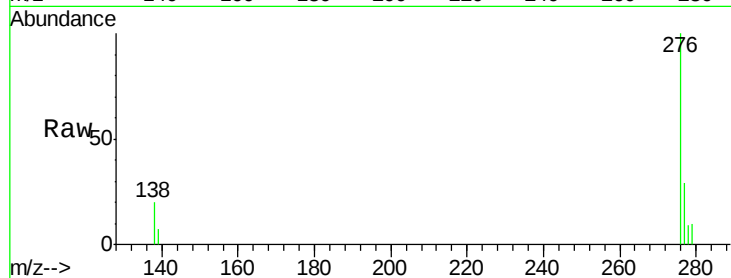
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	32.5	17.4	26.0#
279	54.0	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.88 ng/ul m
 RT: 26.40 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BM008545.D
 Acq: 22 Dec 2016 08:01

Instrument :
 BNA_M
 ClientSampleId :
 DA7H7



Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.7	21.8	32.8
138	19.6	20.5	30.7

Manual Integrations
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Sohil
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