

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008207.D
 Acq On : 09 Dec 2016 15:03
 Operator : UM/SJ
 Sample : H5863-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y4

Manual Integrations
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UMANGI
 12/12/2016 6:49:22 PM

Quant Time: Dec 09 17:57:41 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 17:54:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	657	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2217	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.33	164	1494	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2508	0.40	ng/ul	-0.03
16) Chrysene-d12	21.27	240	2225	0.40	ng/ul	-0.03
20) Perylene-d12	23.51	264	2034	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	670	0.21	ng/ul	-0.05
14) Fluoranthene-d10	19.12	212	1791	0.25	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	4871	0.79	ng/ul	97
5) 2-Methylnaphthalene	12.13	142	6469	1.62	ng/ul	100
7) Acenaphthylene	14.04	152	1023	0.15	ng/ul#	69
8) Acenaphthene	14.38	153	366	0.07	ng/ul#	79
9) Fluorene	15.38	166	243	0.04	ng/ul#	28
12) Phenanthrene	17.11	178	12473	1.60	ng/ul	97
13) Anthracene	17.21	178	1419m	0.19	ng/ul	
15) Fluoranthene	19.14	202	7197	0.71	ng/ul	96
17) Pyrene	19.51	202	6790	0.88	ng/ul	97
18) Benzo(a)anthracene	21.25	228	6014	0.88	ng/ul#	86
19) Chrysene	21.30	228	5612	0.66	ng/ul#	90
21) Benzo(b)fluoranthene	22.84	252	9513m	1.17	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	2423m	0.29	ng/ul	
23) Benzo(a)pyrene	23.41	252	4505	0.59	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.76	276	4028	0.43	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.76	278	1263	0.17	ng/ul#	56
26) Benzo(a,h,i)perylene	26.44	276	3554	0.43	ng/ul	96

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

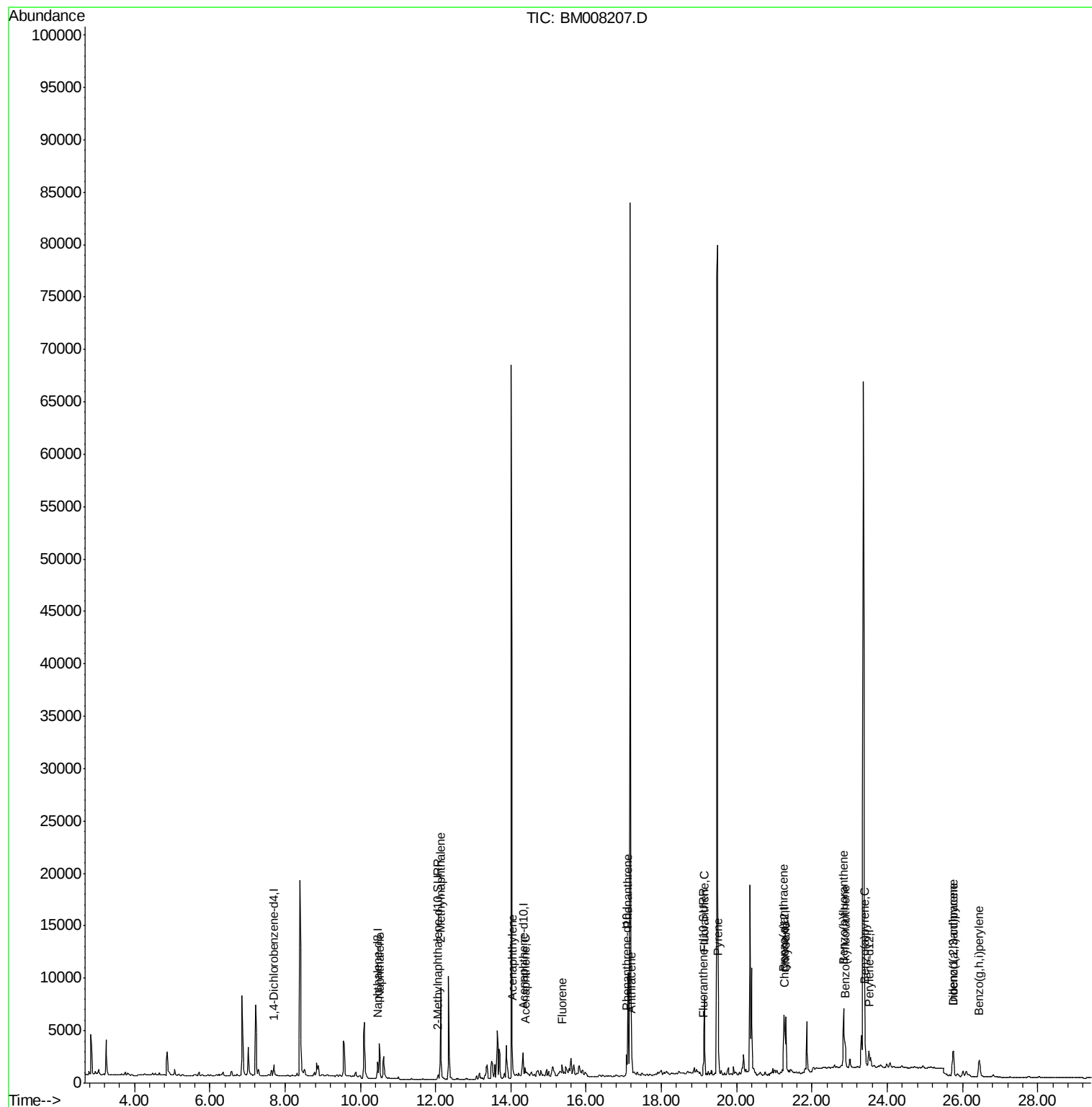
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
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ALS Vial : 5 Sample Multiplier: 1

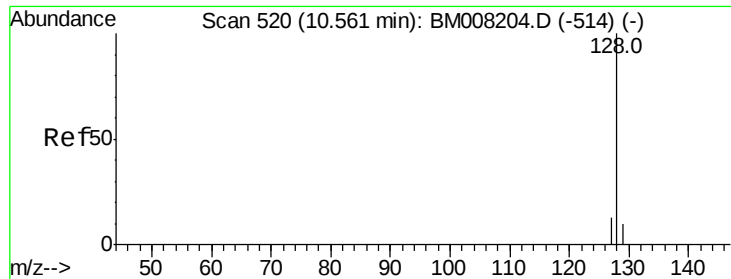
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Fri Dec 09 17:54:09 2016
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#3

Naphthalene

Concen: 0.79 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.04 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Instrument :

BNA_M

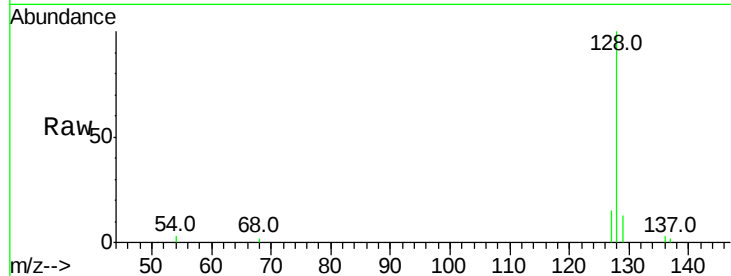
ClientSampleId :

DA7Y4

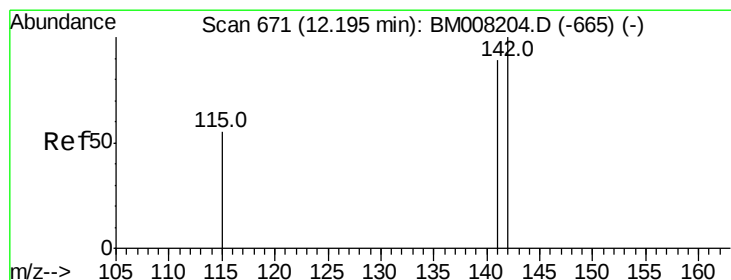
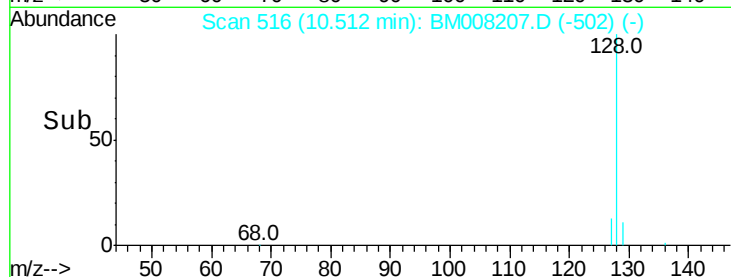
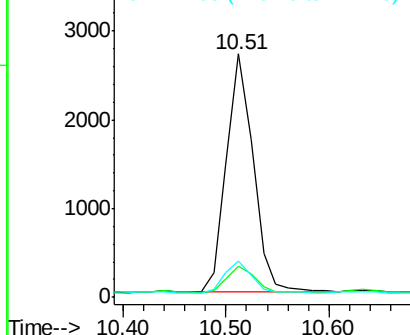
Tot Ion:	128	Resp:	4871
Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	14.9	12.8	19.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.62 ng/ul

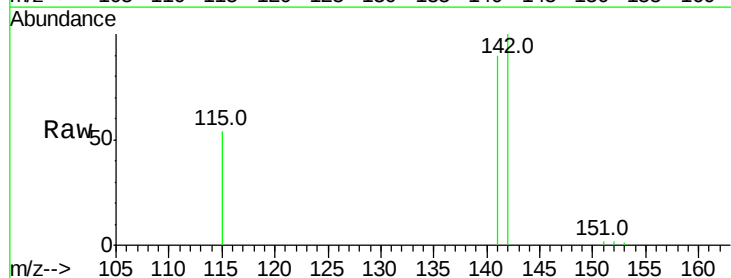
RT: 12.13 min Scan# 665

Delta R.T. -0.05 min

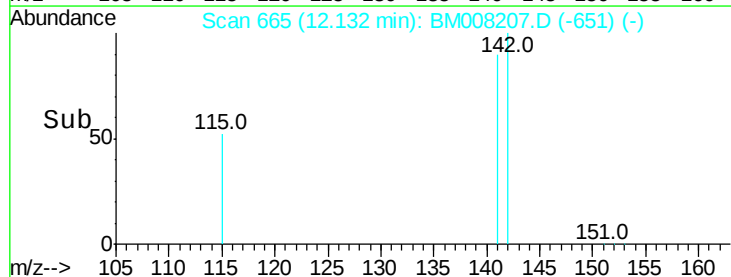
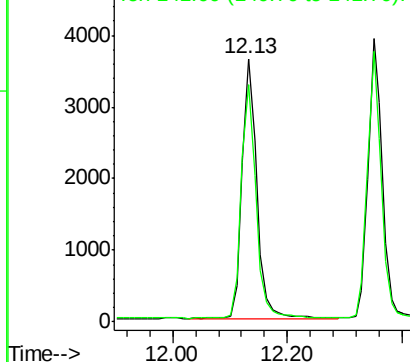
Lab File: BM008207.D

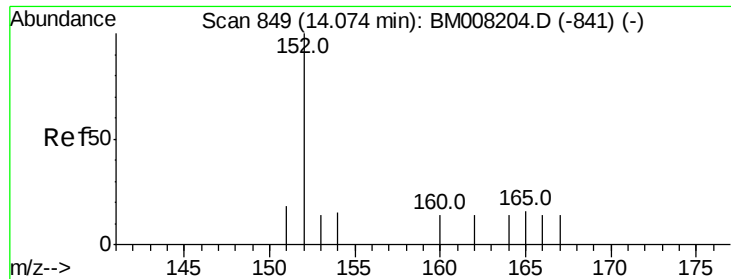
Acq: 09 Dec 2016 15:03

Tgt Ion:	142	Resp:	6469
Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.15 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Instrument :

BNA_M

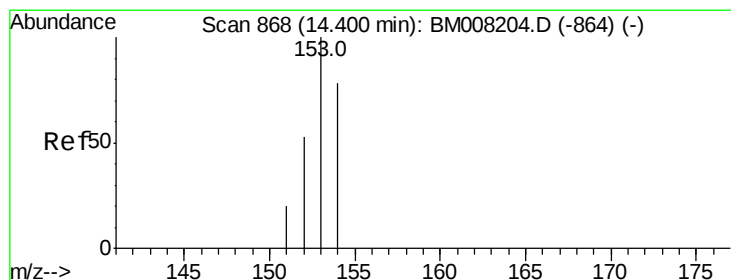
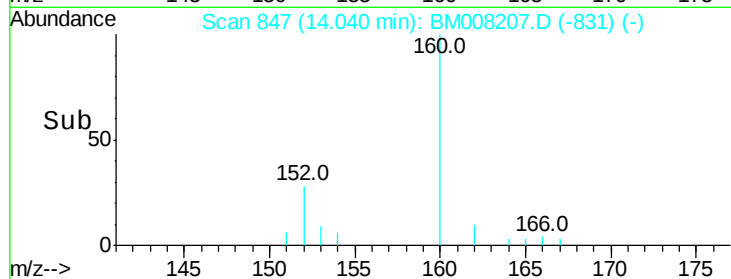
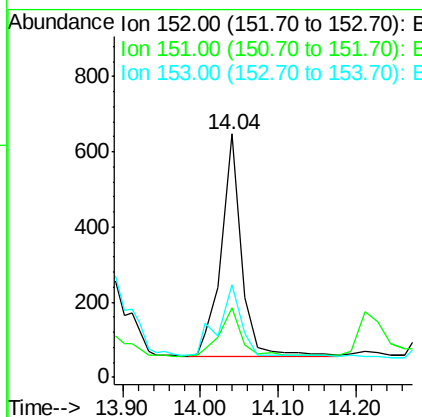
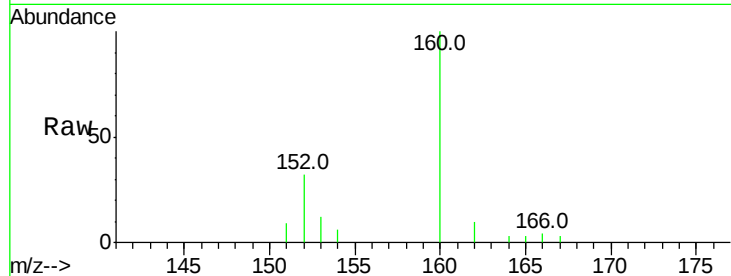
ClientSampleId :

DA7Y4

Tot Ion:	152	Resp:	1023
Ion Ratio	Lower	Upper	
152	100		
151	28.9	17.1	25.7#
153	38.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.07 ng/ul

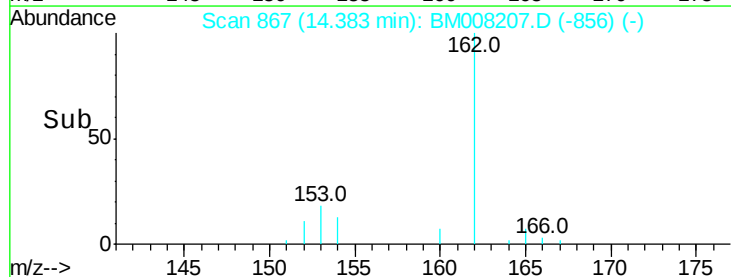
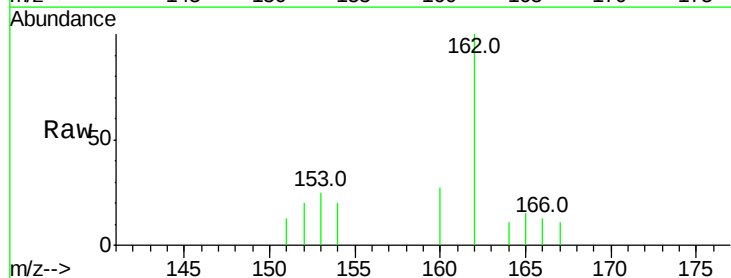
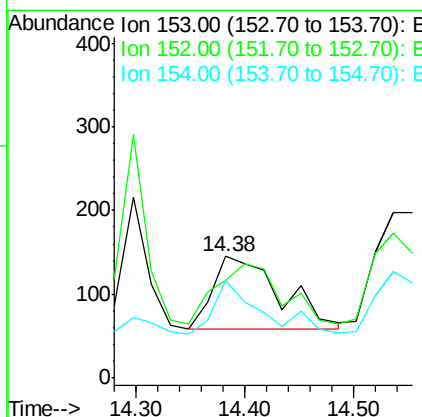
RT: 14.38 min Scan# 867

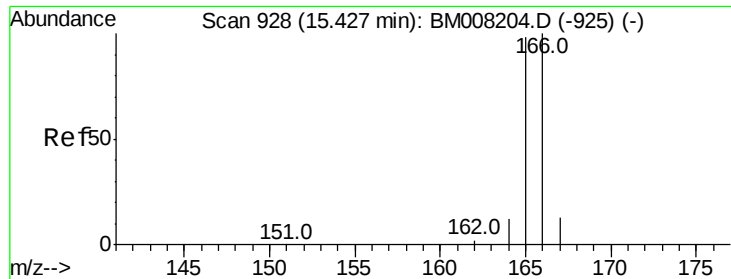
Delta R.T. -0.02 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Tgt Ion:	153	Resp:	366
Ion Ratio	Lower	Upper	
153	100		
152	80.0	40.3	60.5#
154	80.7	71.4	107.2





#9

Fluorene

Concen: 0.04 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.05 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Instrument :

BNA_M

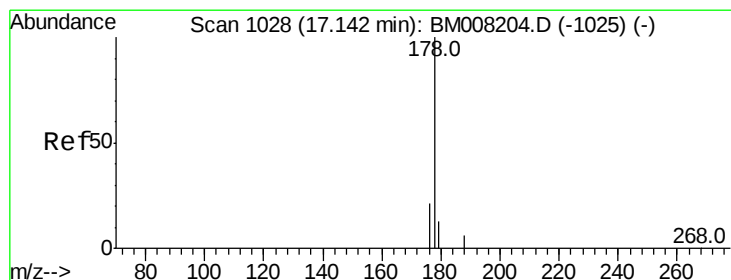
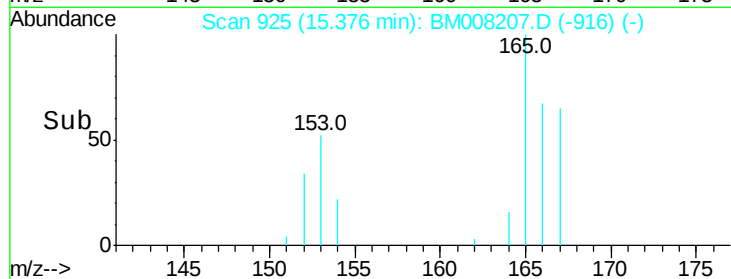
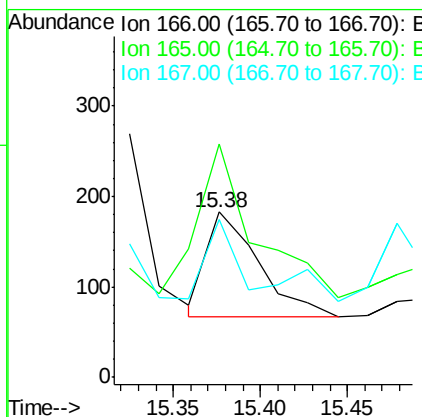
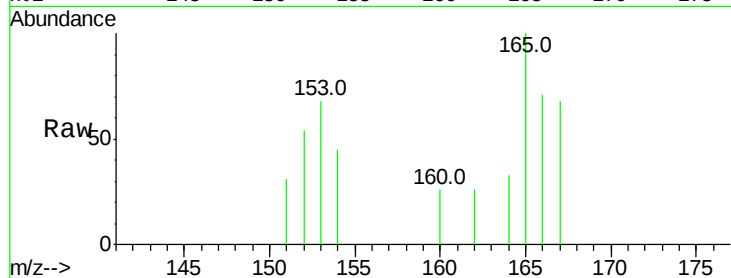
ClientSampleId :

DA7Y4

Tot Ion	Ratio	Lower	Upper
166	100		
165	141.0	73.4	110.2#
167	95.6	14.6	22.0#

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#12

Phenanthrene

Concen: 1.60 ng/ul

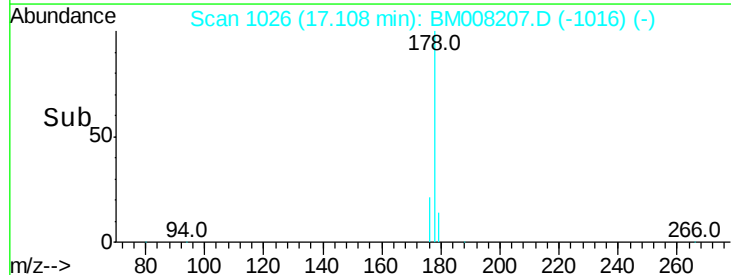
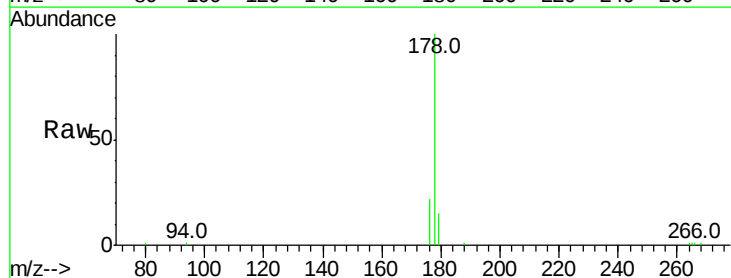
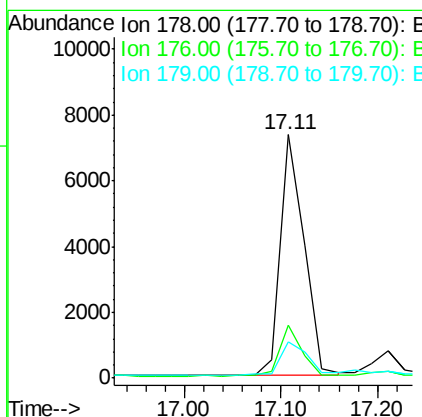
RT: 17.11 min Scan# 1026

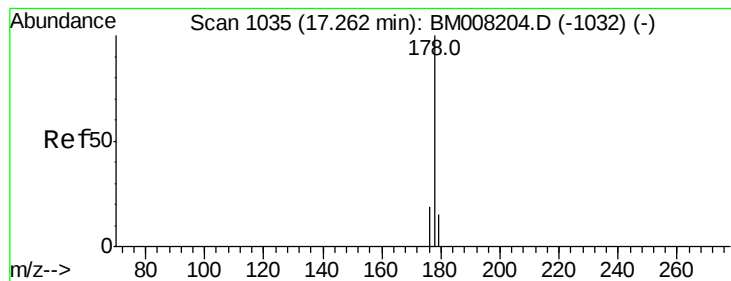
Delta R.T. -0.03 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	18.4	27.6
179	14.8	13.6	20.4





#13

Anthracene

Concen: 0.19 ng/ul m

RT: 17.21 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Instrument :

BNA_M

ClientSampleId :

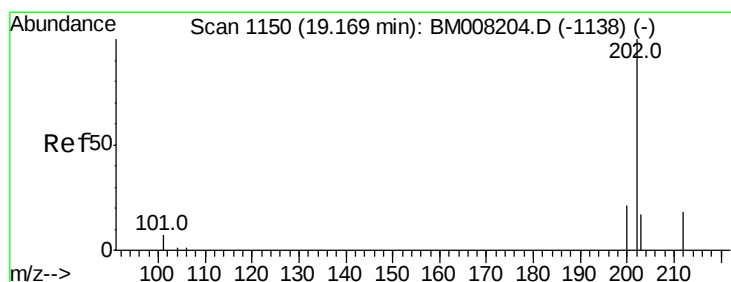
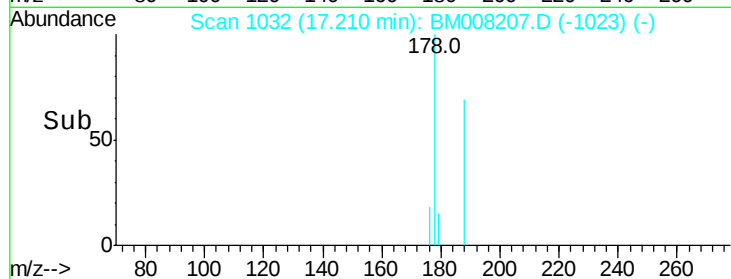
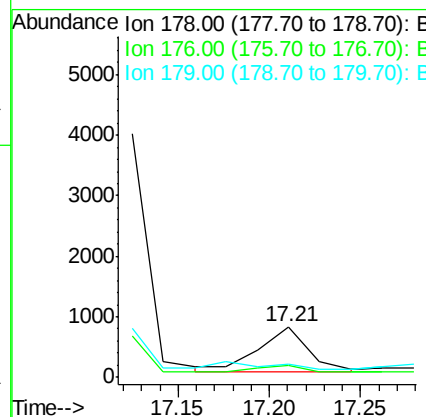
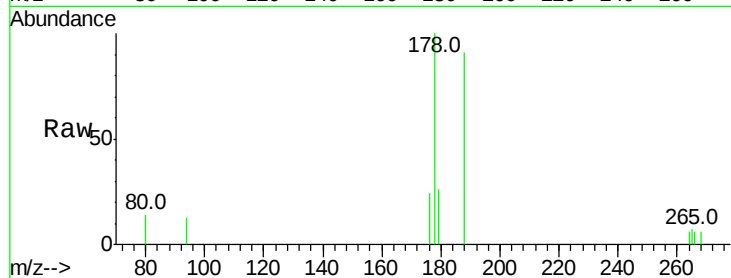
DA7Y4

Tot Ion:178 Resp: 1419

Ion	Ratio	Lower	Upper
178	100		
176	24.3	18.1	27.1
179	25.7	14.7	22.1#

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#15

Fluoranthene

Concen: 0.71 ng/ul

RT: 19.14 min Scan# 1148

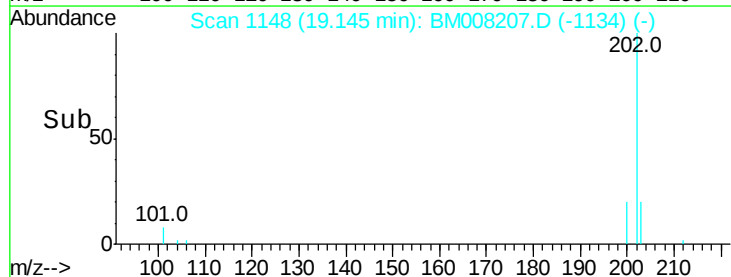
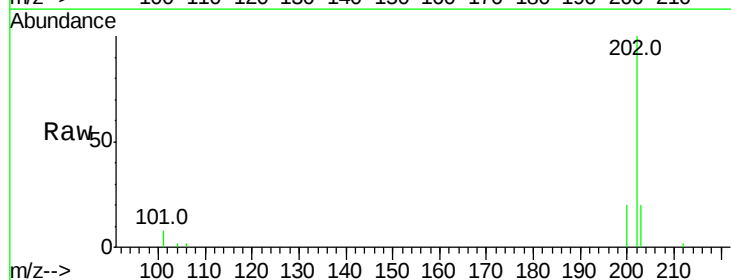
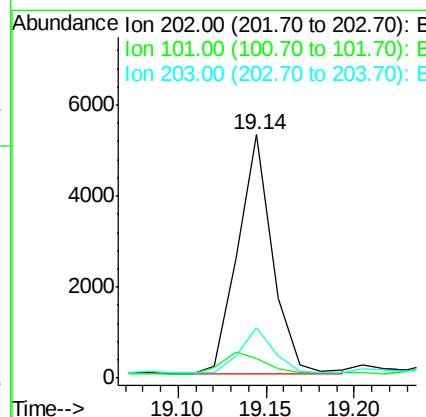
Delta R.T. -0.02 min

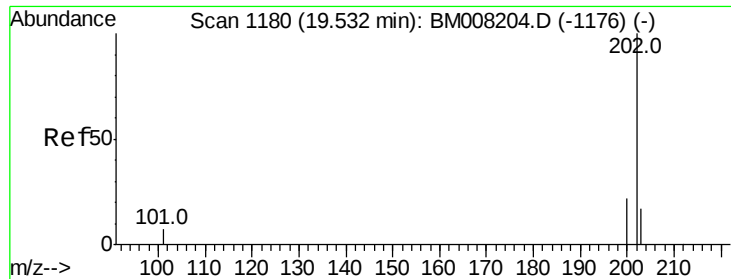
Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Tgt Ion:202 Resp: 7197

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.3
203	20.4	0.0	39.5





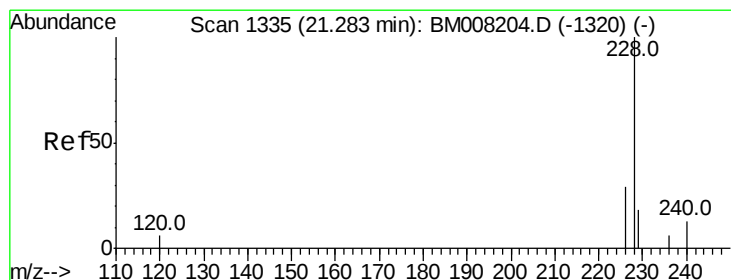
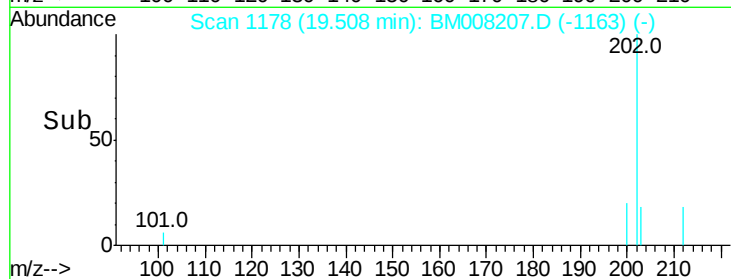
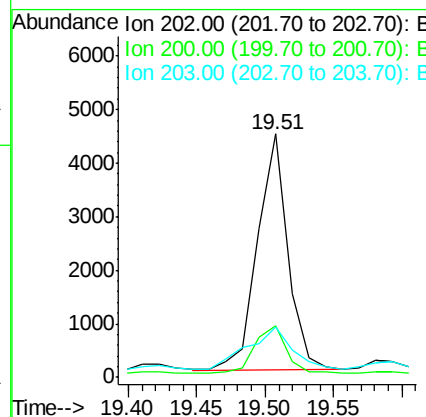
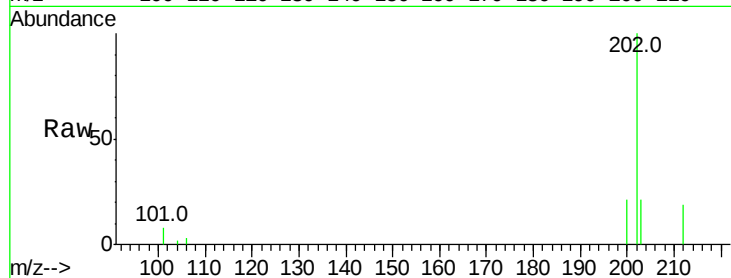
#17
Pvrene
Concen: 0.88 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008207.D
Acq: 09 Dec 2016 15:03

Instrument :
BNA_M
ClientSampleId :
DA7Y4

Tot Ion:	202	Resp:	6790
Ion Ratio	Lower	Upper	
202	100		
200	21.0	18.2	27.4
203	20.5	15.6	23.4

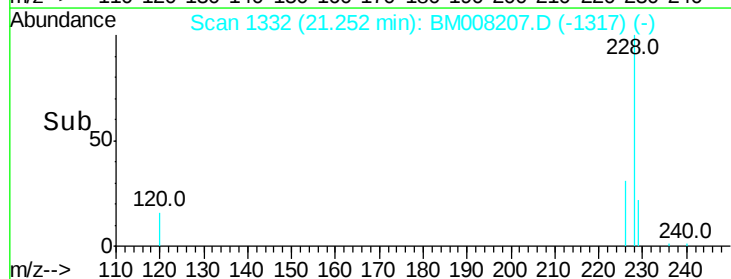
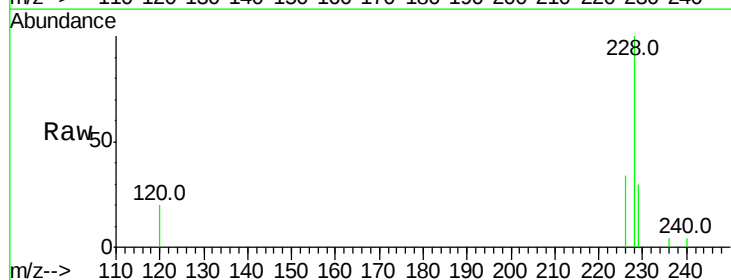
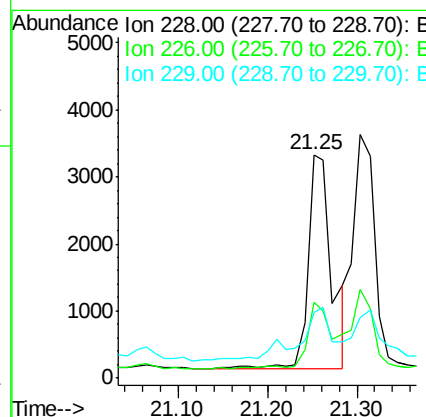
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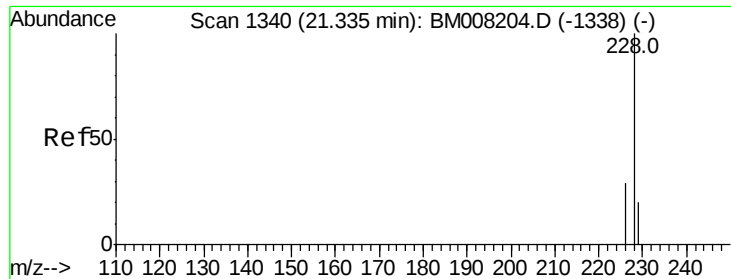
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#18
Benzo(a)anthracene
Concen: 0.88 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BM008207.D
Acq: 09 Dec 2016 15:03

Tgt Ion:	228	Resp:	6014
Ion Ratio	Lower	Upper	
228	100		
226	34.2	22.8	34.2
229	29.6	17.0	25.6#





#19

Chrysene

Concen: 0.66 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.03 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Instrument :

BNA_M

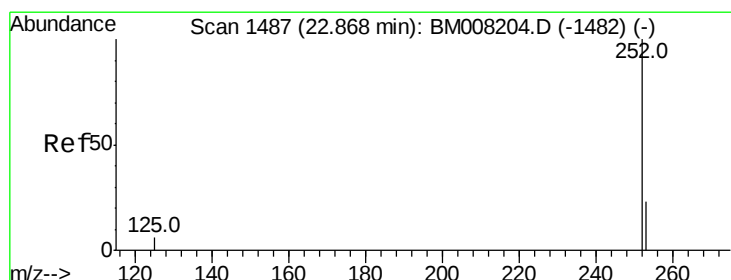
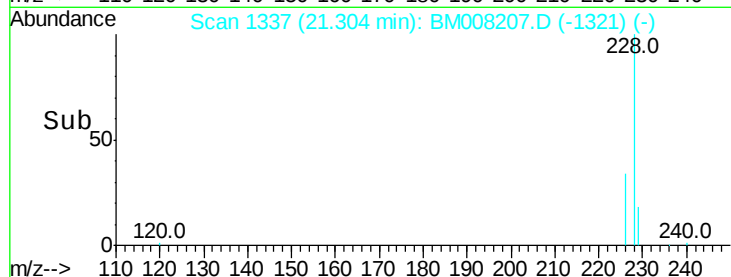
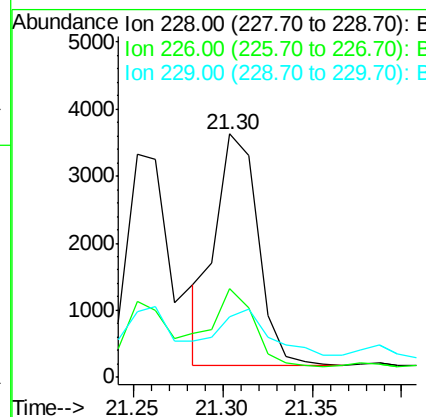
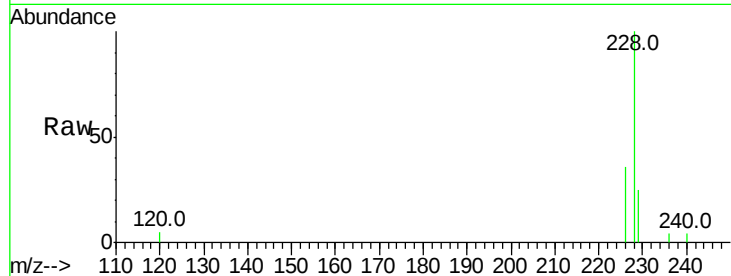
ClientSampleId :

DA7Y4

Tot Ion:	228	Resp:	5612
Ion Ratio	Lower	Upper	
228	100		
226	36.4	23.4	35.0#
229	25.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.17 ng/ul m

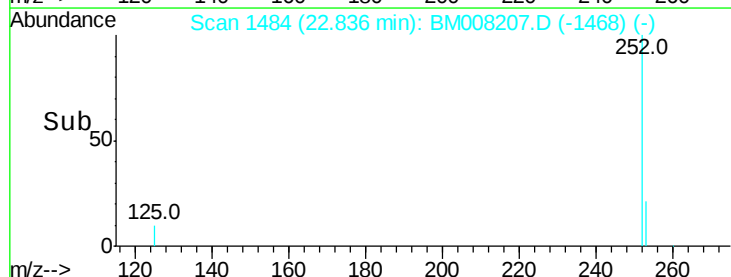
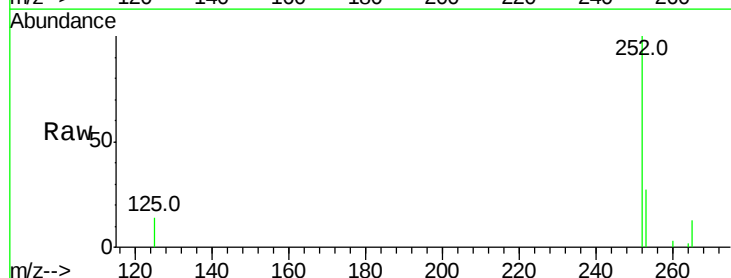
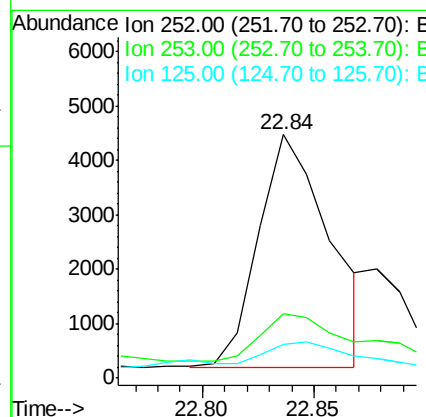
RT: 22.84 min Scan# 1484

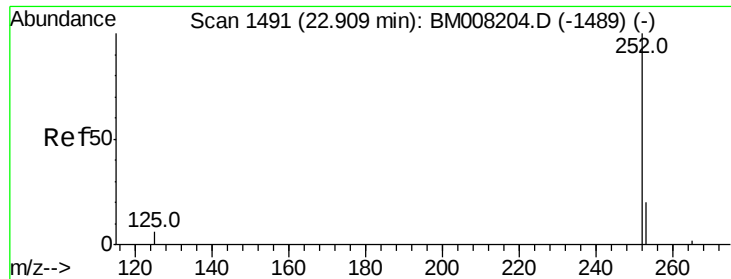
Delta R.T. -0.03 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Tgt Ion:	252	Resp:	9513
Ion Ratio	Lower	Upper	
252	100		
253	26.7	0.0	64.2
125	13.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.29 ng/ul m

RT: 22.88 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Instrument :

BNA_M

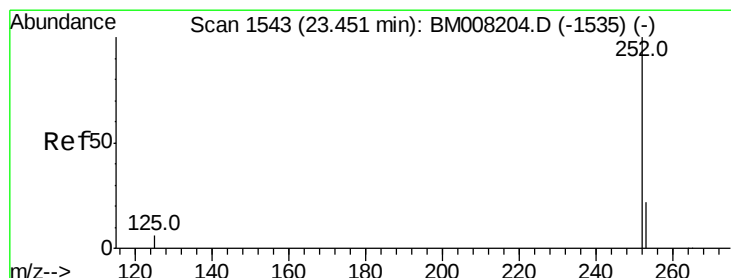
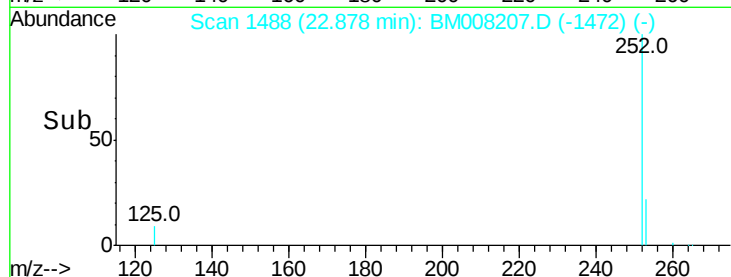
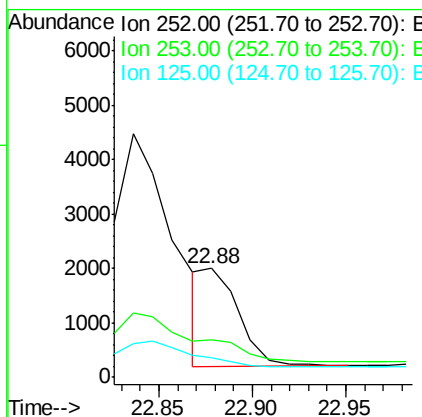
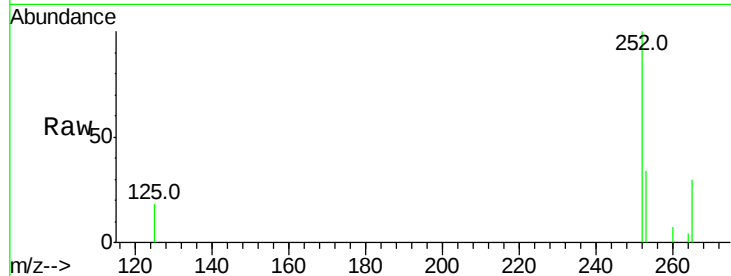
ClientSampleId :

DA7Y4

Tot Ion:	252	Resp:	2423
Ion Ratio	Lower	Upper	
252	100		
253	34.4	24.5	36.7
125	18.1	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.59 ng/ul

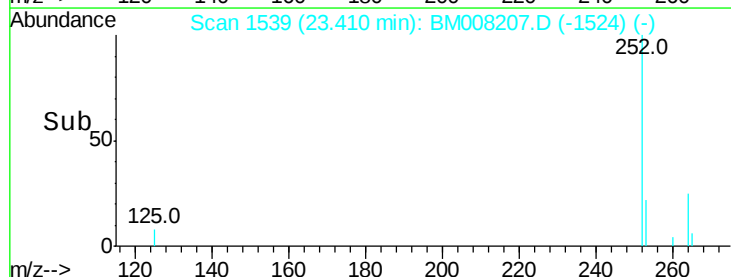
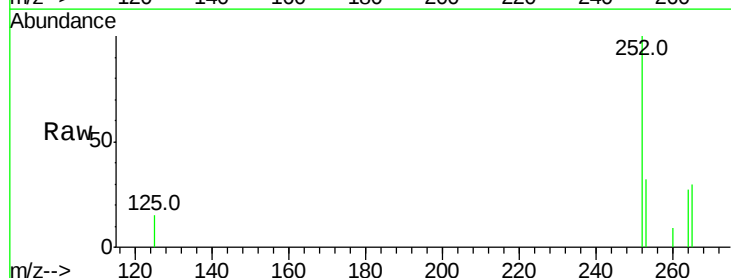
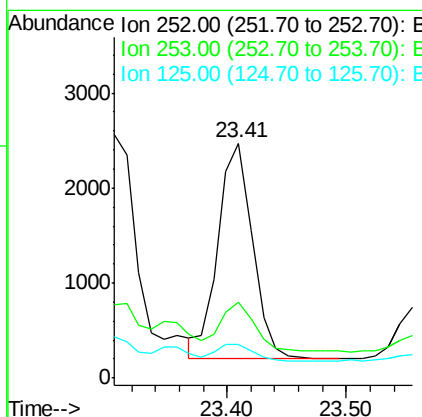
RT: 23.41 min Scan# 1539

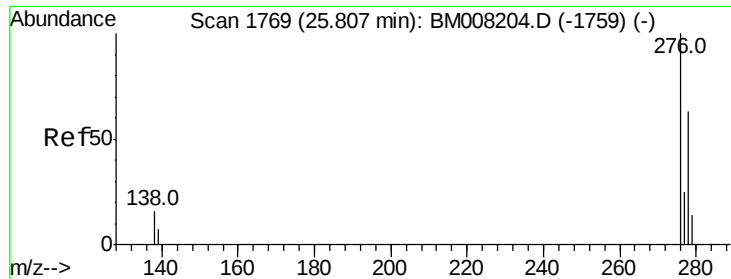
Delta R.T. -0.04 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Tgt Ion:	252	Resp:	4505
Ion Ratio	Lower	Upper	
252	100		
253	32.2	28.5	42.7
125	14.6	18.1	27.1#





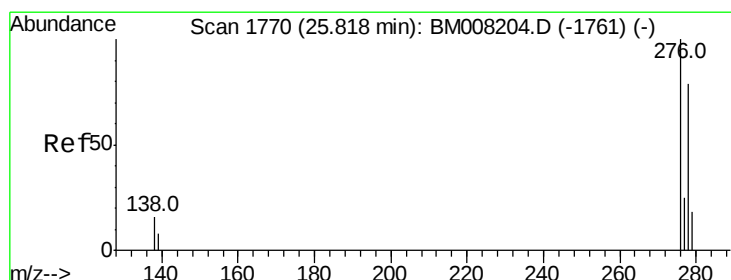
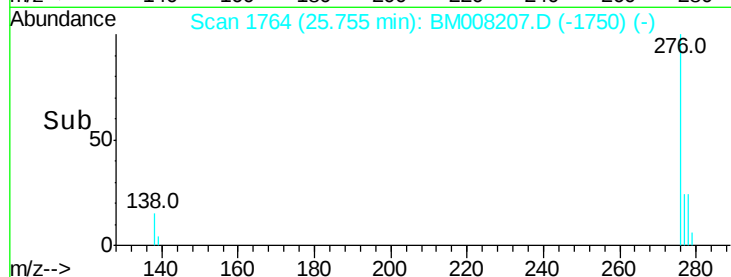
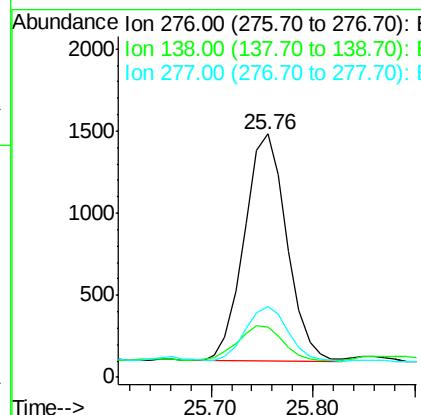
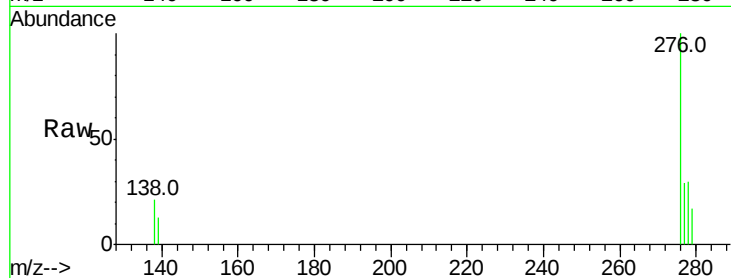
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.05 min
Lab File: BM008207.D
Acq: 09 Dec 2016 15:03

Instrument :
BNA_M
ClientSampleId :
DA7Y4

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	19.1	28.7#
277	24.1	19.6	29.4

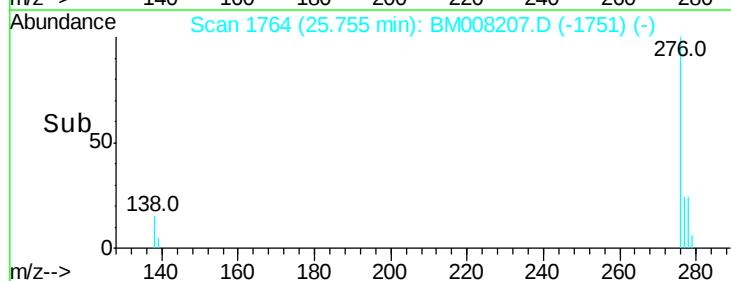
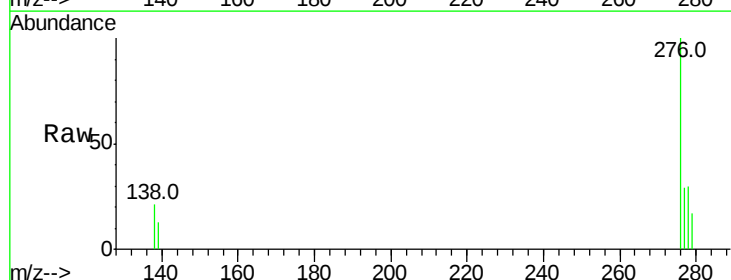
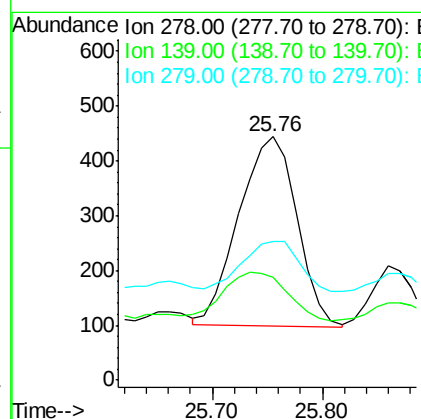
Manual Integrations
APPROVED

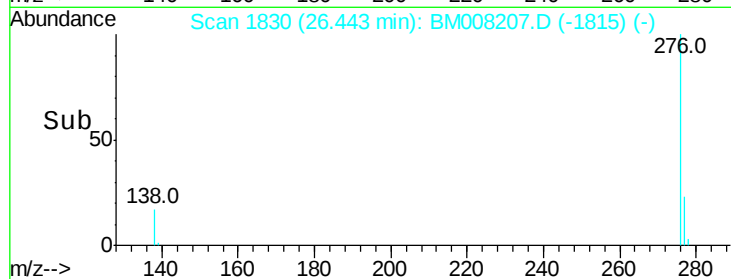
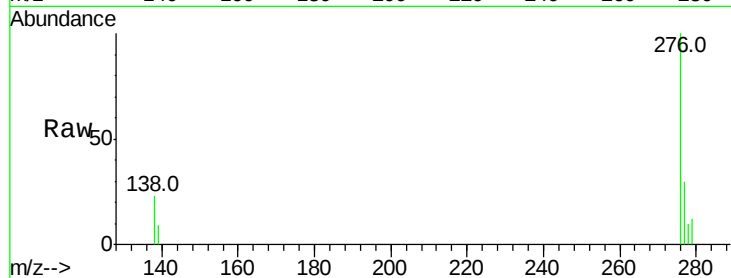
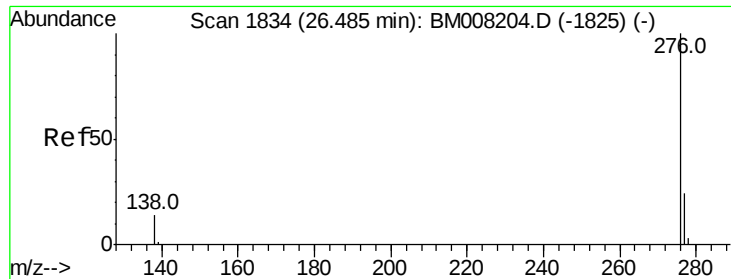
UMANGI
12/12/2016 6:49:22 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.17 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.06 min
Lab File: BM008207.D
Acq: 09 Dec 2016 15:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.1	17.4	26.0#
279	57.2	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.43 ng/ul

RT: 26.44 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BM008207.D

Acq: 09 Dec 2016 15:03

Tot Ion:	276	Resp:	3554
Ion Ratio	Lower	Upper	
276	100		
277	29.6	21.8	32.8
138	23.3	20.5	30.7

Instrument :

BNA_M

ClientSampleId :

DA7Y4

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:22 PM

