

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008249.D
 Acq On : 11 Dec 2016 01:17
 Operator : UM/SJ
 Sample : H5863-09DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y8DL

Manual Integrations
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 12/12/2016 6:50:39 PM

Quant Time: Dec 12 05:03:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	822	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2635	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1526	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2609	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	2462	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	2391	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	278	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	469m	0.06	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	1916	0.26	ng/ul	97
5) 2-Methylnaphthalene	12.13	142	1757	0.37	ng/ul	99
7) Acenaphthylene	14.04	152	5204	0.75	ng/ul	97
8) Acenaphthene	14.38	153	297	0.06	ng/ul#	87
9) Fluorene	15.38	166	282	0.05	ng/ul#	61
12) Phenanthrene	17.11	178	3272	0.40	ng/ul	99
13) Anthracene	17.21	178	4966	0.65	ng/ul	95
15) Fluoranthene	19.14	202	22860	2.18	ng/ul	94
17) Pyrene	19.50	202	26310	3.08	ng/ul	97
18) Benzo(a)anthracene	21.26	228	18550	2.45	ng/ul	97
19) Chrysene	21.31	228	24525	2.61	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	55751m	5.84	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	14364m	1.46	ng/ul	
23) Benzo(a)pyrene	23.40	252	23844	2.67	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.74	276	27844	2.52	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.74	278	6865	0.78	ng/ul#	94
26) Benzo(a,h,i)perylene	26.43	276	25713	2.62	ng/ul#	88

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

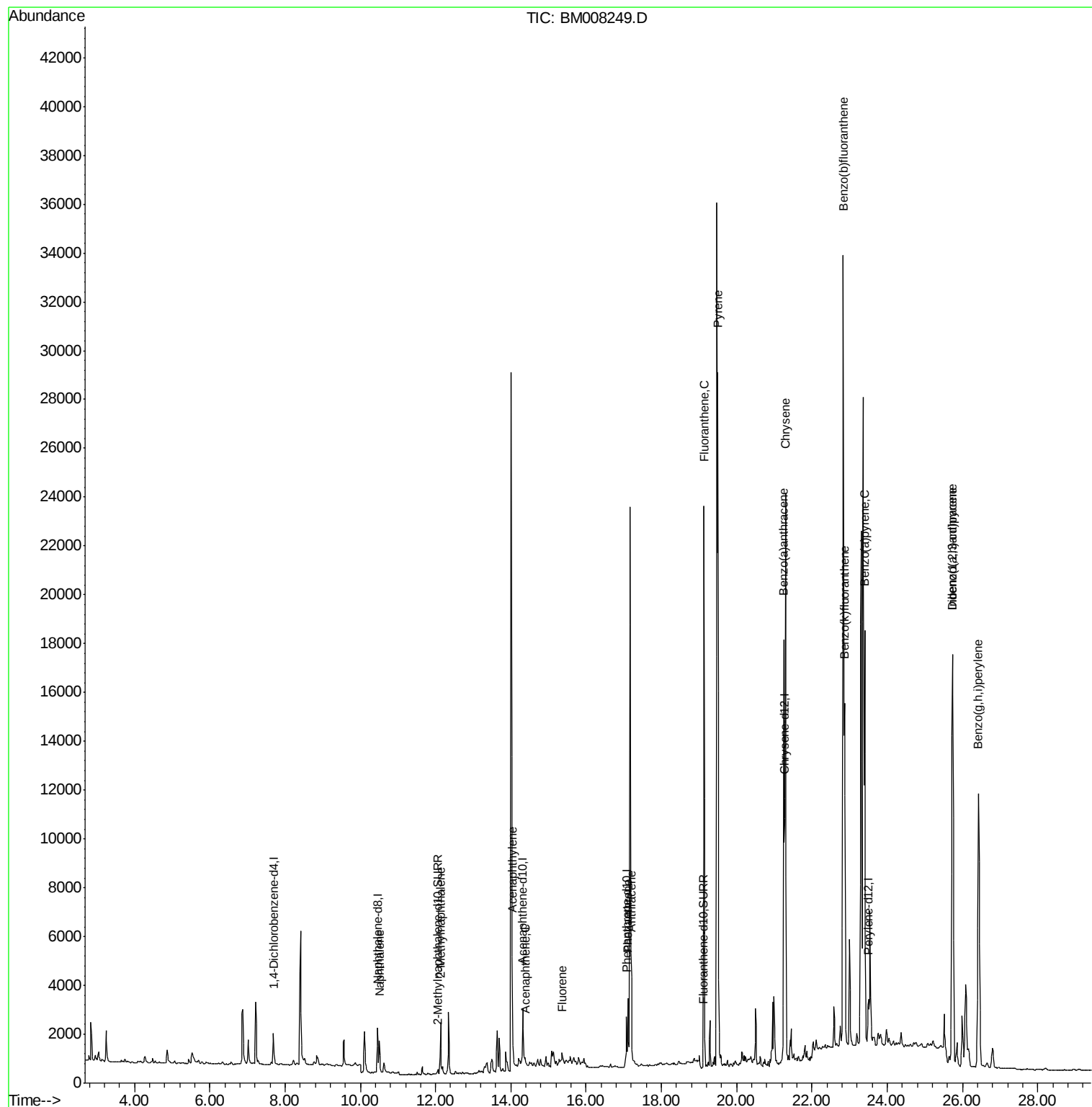
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
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ALS Vial : 25 Sample Multiplier: 1

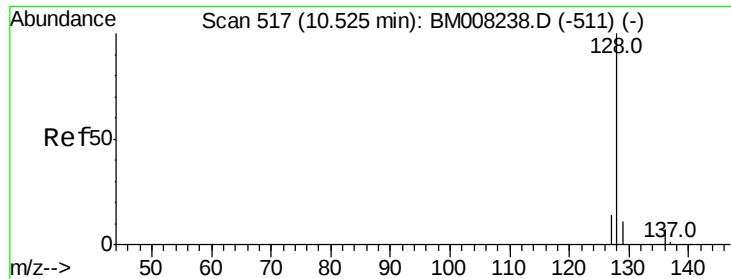
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Quant Time: Dec 12 05:03:08 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.26 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008249.D

Acq: 11 Dec 2016 01:17

Instrument :

BNA_M

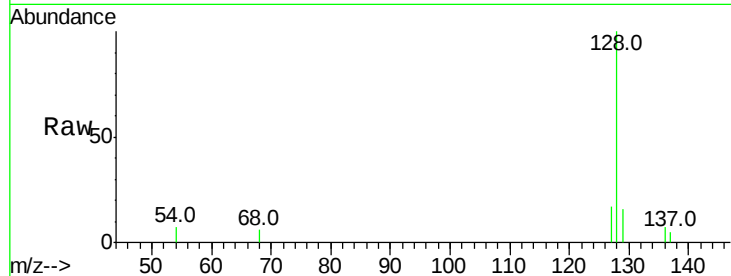
ClientSampleId :

DA7Y8DL

Tot Ion:	128	Resp:	1916
Ion	Ratio	Lower	Upper
128	100		
129	16.0	11.3	16.9
127	17.0	12.8	19.2

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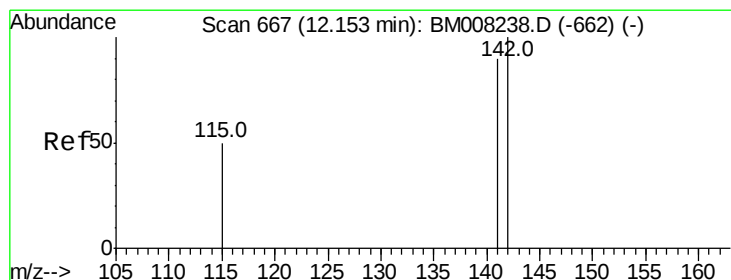
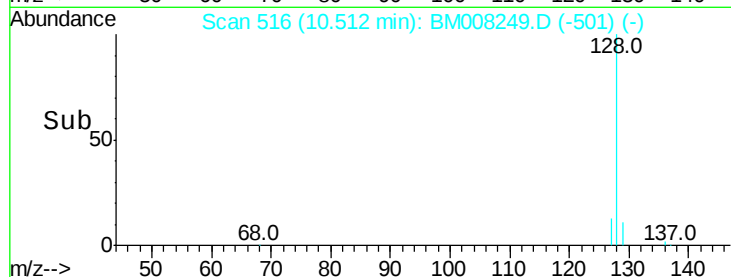
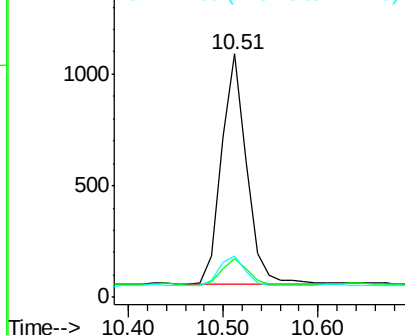
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.37 ng/ul

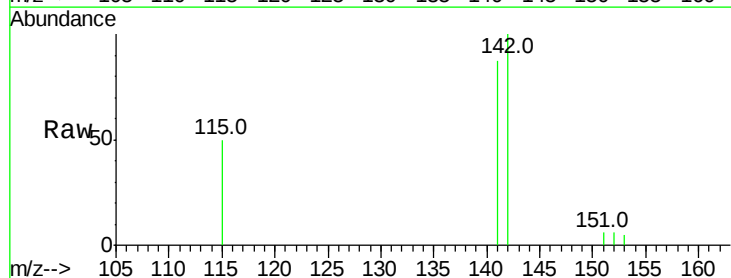
RT: 12.13 min Scan# 665

Delta R.T. -0.02 min

Lab File: BM008249.D

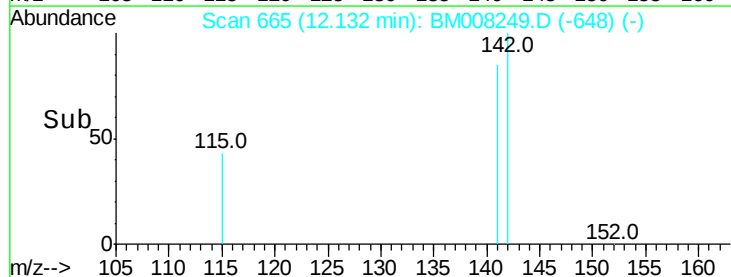
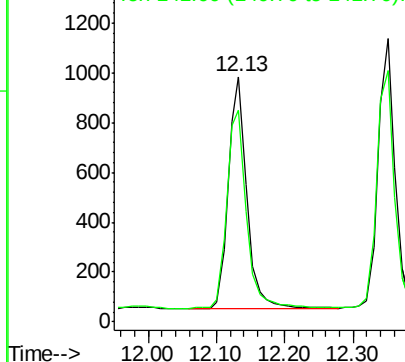
Acq: 11 Dec 2016 01:17

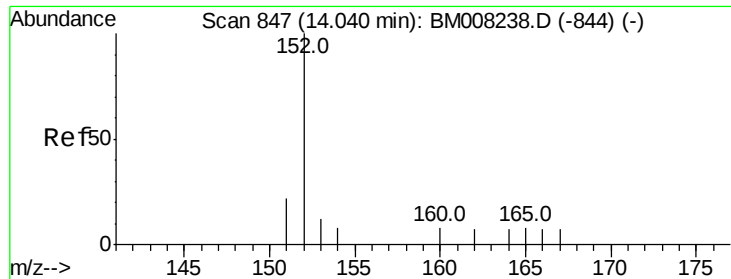
Tgt Ion:	142	Resp:	1757
Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.75 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008249.D

Acq: 11 Dec 2016 01:17

Instrument :

BNA_M

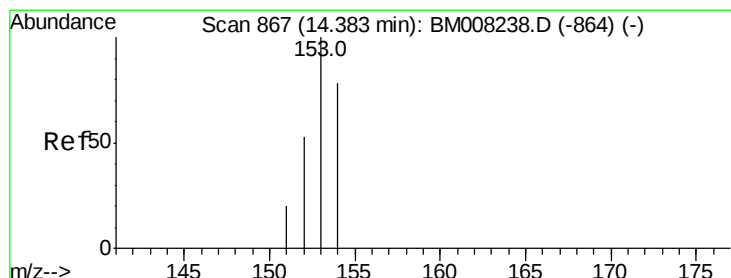
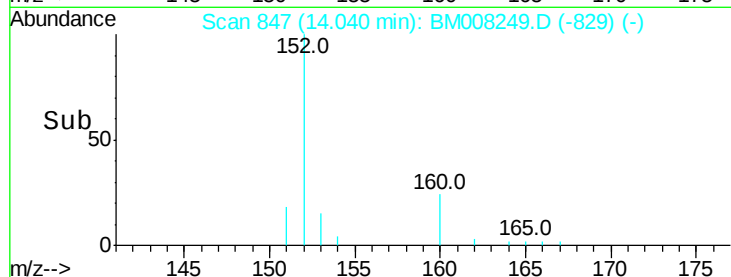
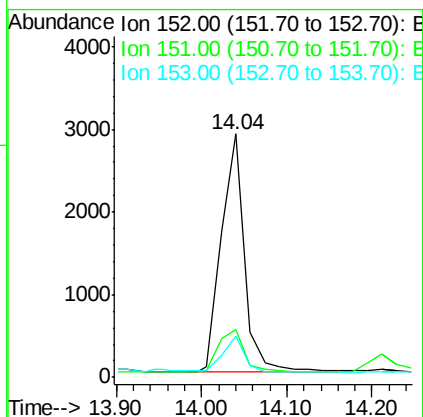
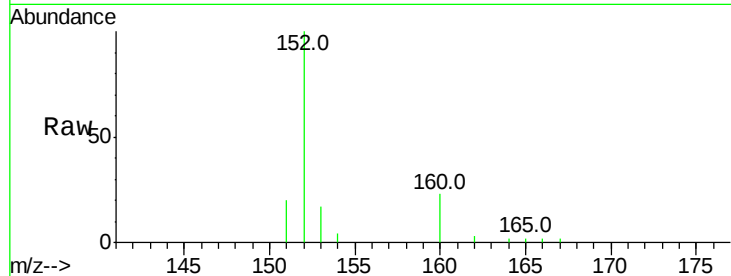
ClientSampleId :

DA7Y8DL

Tot Ion:	152	Resp:	5204
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.1	25.7
153	16.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.06 ng/ul

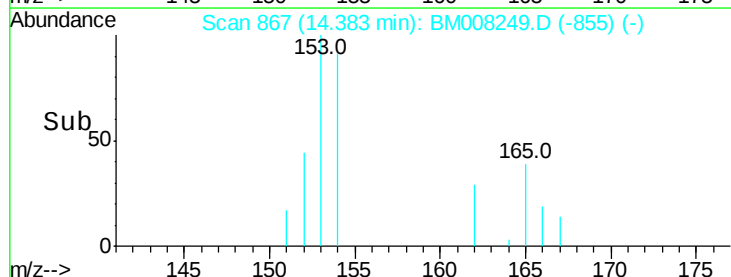
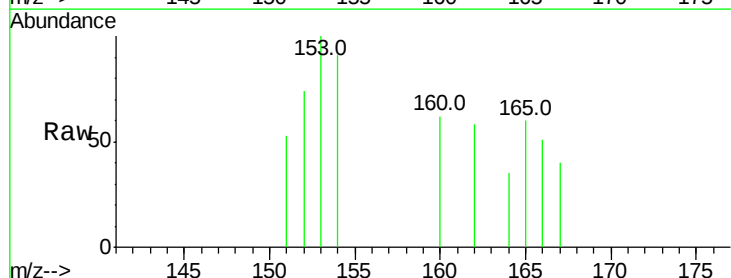
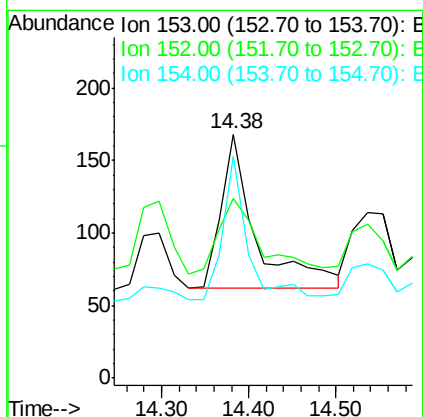
RT: 14.38 min Scan# 867

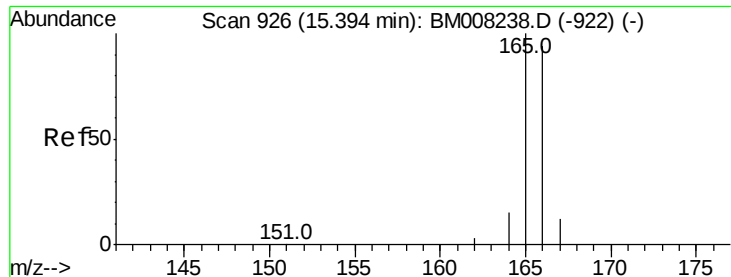
Delta R.T. -0.00 min

Lab File: BM008249.D

Acq: 11 Dec 2016 01:17

Tgt Ion:	153	Resp:	297
Ion Ratio	Lower	Upper	
153	100		
152	73.8	40.3	60.5#
154	91.1	71.4	107.2





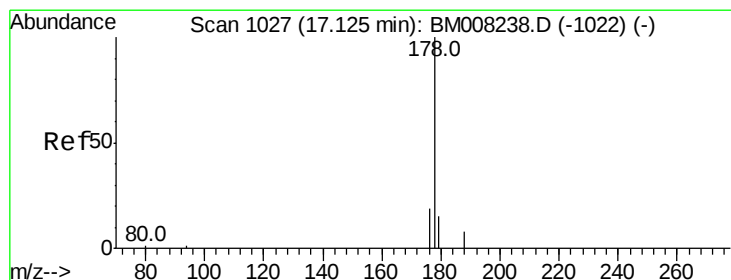
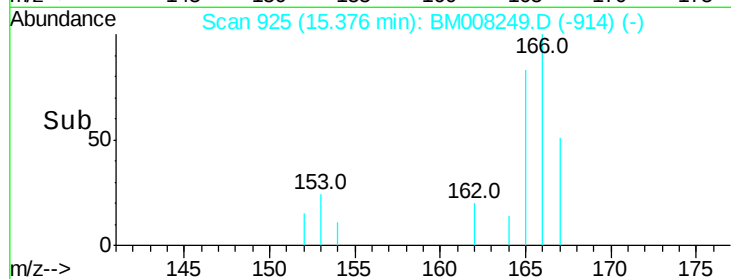
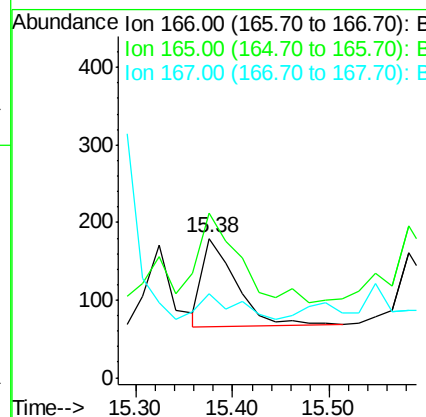
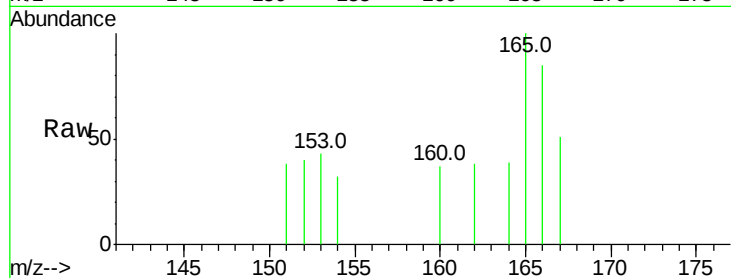
#9
Fluorene
 Concen: 0.05 ng/ul
 RT: 15.38 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BM008249.D
 Acq: 11 Dec 2016 01:17

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y8DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	118.3	73.4	110.2#
167	60.6	14.6	22.0#

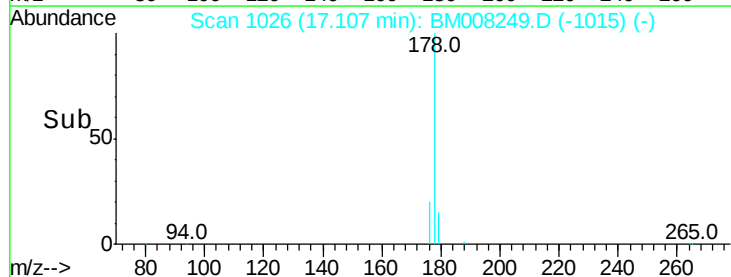
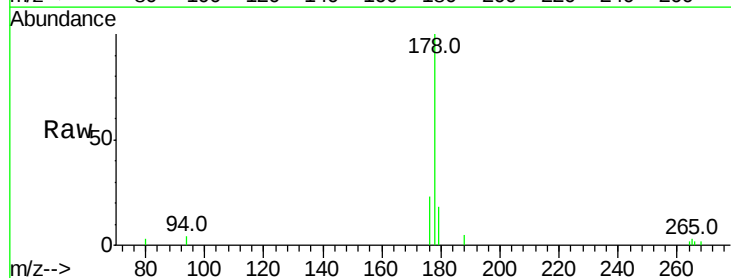
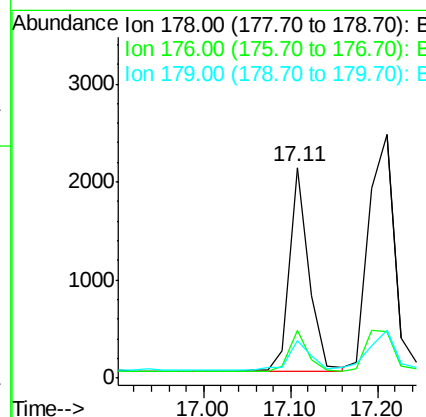
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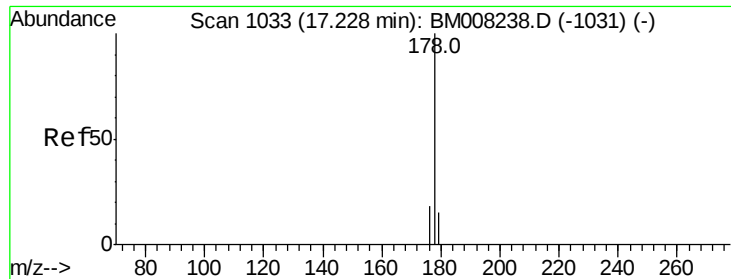
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#12
Phenanthrene
 Concen: 0.40 ng/ul
 RT: 17.11 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BM008249.D
 Acq: 11 Dec 2016 01:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.0	18.4	27.6
179	18.1	13.6	20.4





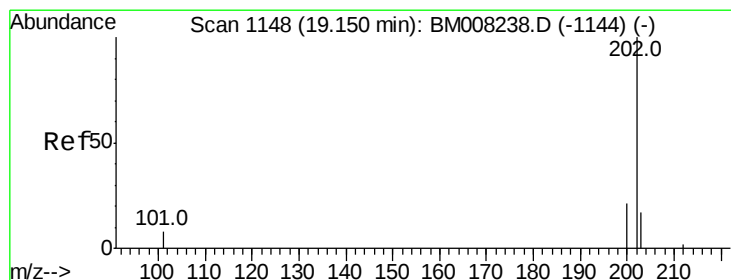
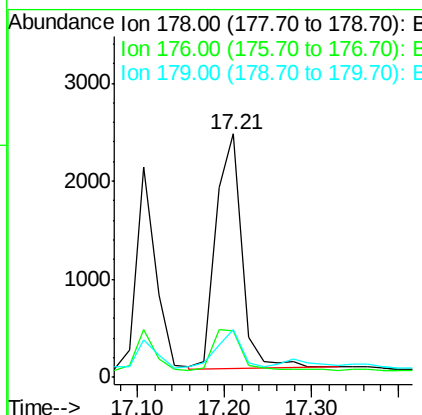
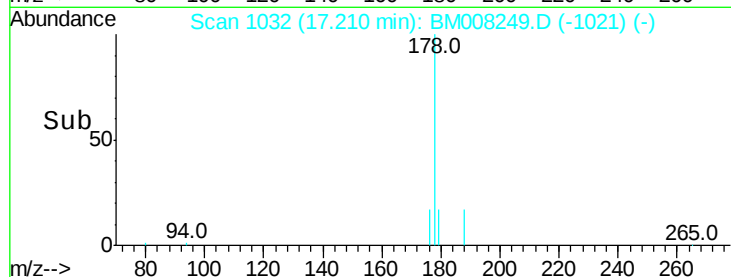
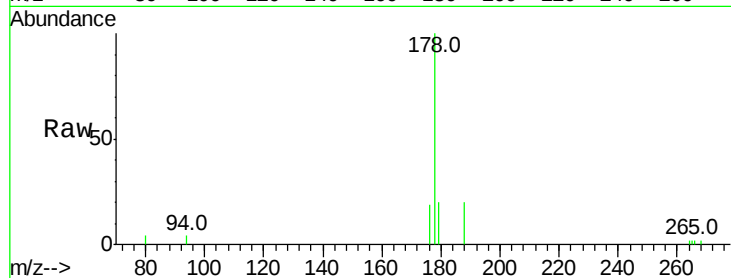
#13
 Anthracene
 Concen: 0.65 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BM008249.D
 Acq: 11 Dec 2016 01:17

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y8DL

Tot Ion:178 Resp: 4966
 Ion Ratio Lower Upper
 178 100
 176 19.1 18.1 27.1
 179 19.7 14.7 22.1

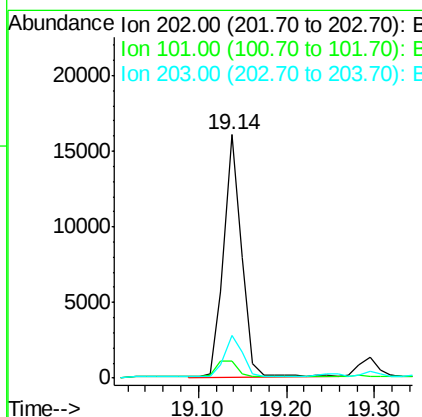
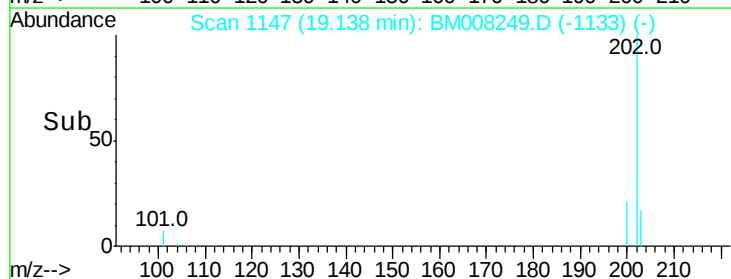
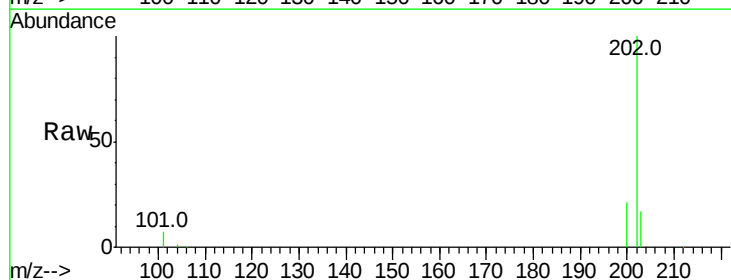
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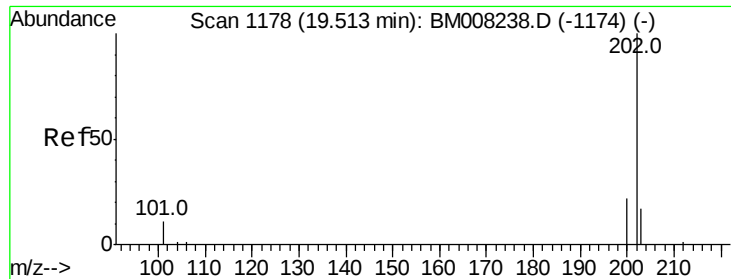
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#15
 Fluoranthene
 Concen: 2.18 ng/ul
 RT: 19.14 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BM008249.D
 Acq: 11 Dec 2016 01:17

Tgt Ion:202 Resp: 22860
 Ion Ratio Lower Upper
 202 100
 101 6.9 0.0 30.3
 203 17.3 0.0 39.5





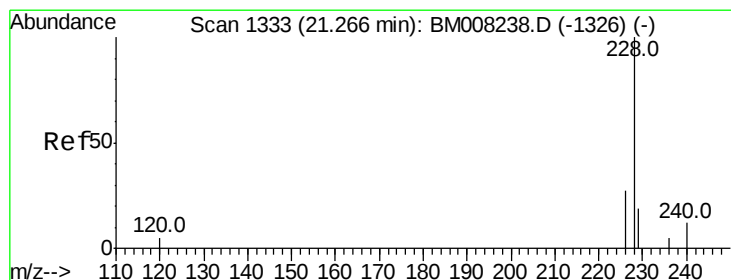
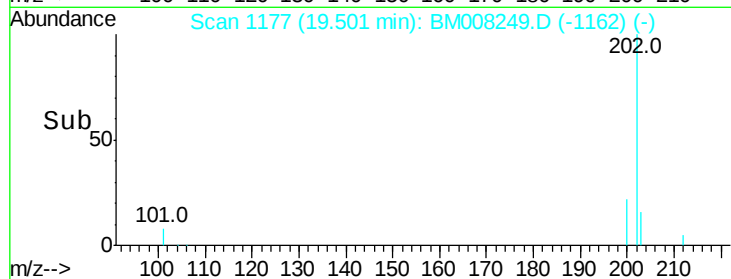
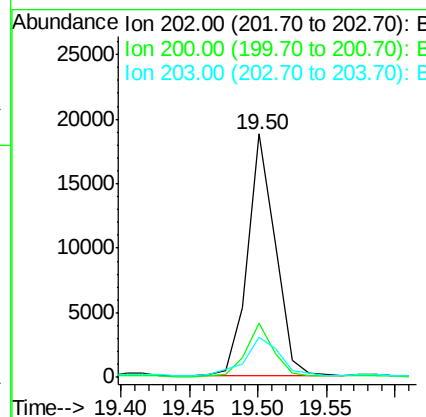
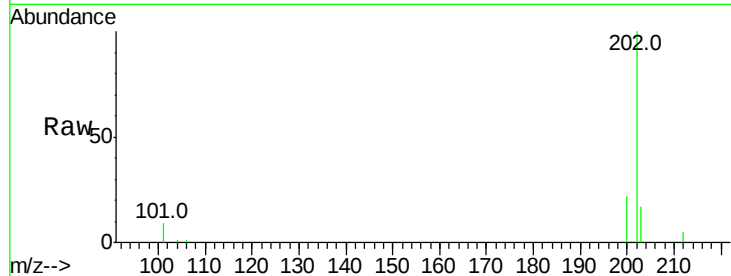
#17
Pvrene
Concen: 3.08 ng/ul
RT: 19.50 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BM008249.D
Acq: 11 Dec 2016 01:17

Instrument :
BNA_M
ClientSampleId :
DA7Y8DL

Tot Ion:	202	Resp:	26310
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.2	27.4
203	16.7	15.6	23.4

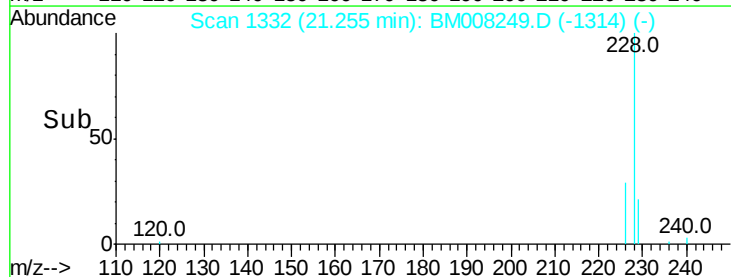
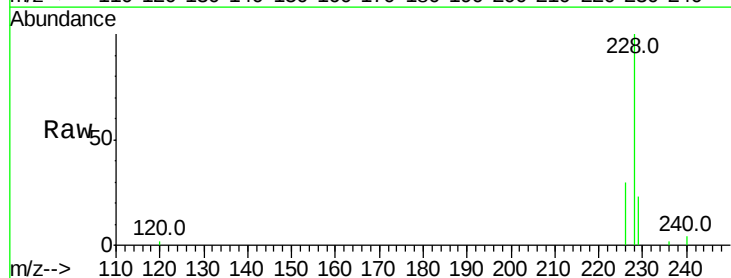
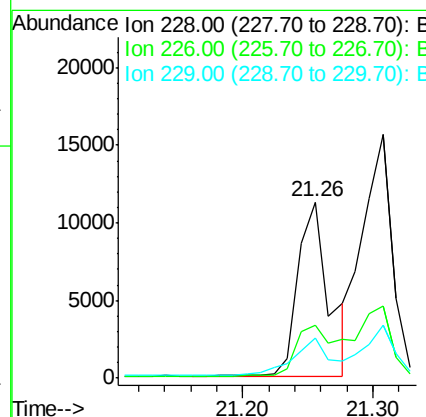
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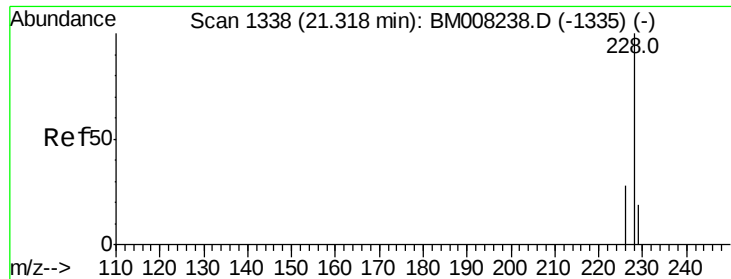
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#18
Benzo(a)anthracene
Concen: 2.45 ng/ul
RT: 21.26 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM008249.D
Acq: 11 Dec 2016 01:17

Tgt Ion:	228	Resp:	18550
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.8	34.2
229	22.8	17.0	25.6





#19

Chrysene

Concen: 2.61 ng/ul

RT: 21.31 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008249.D

Acq: 11 Dec 2016 01:17

Instrument :

BNA_M

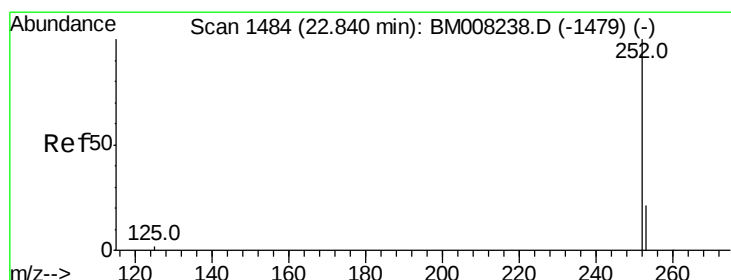
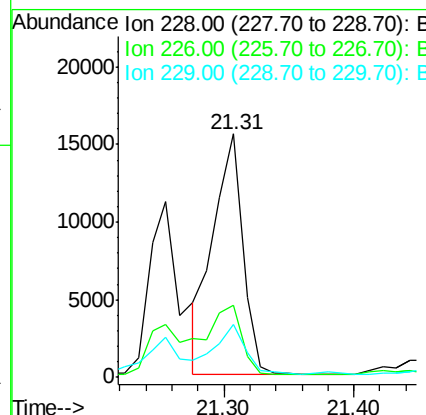
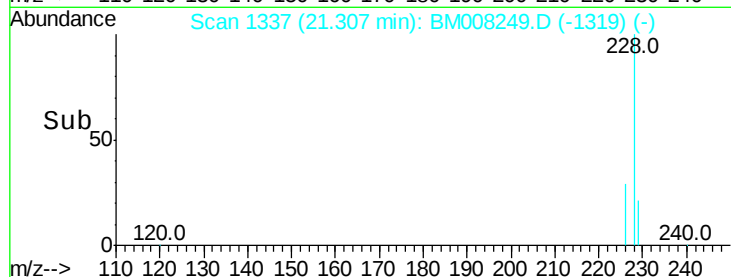
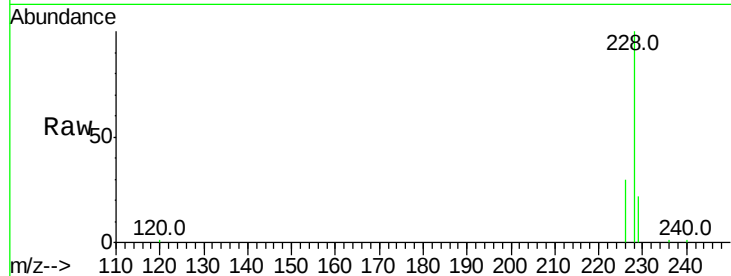
ClientSampleId :

DA7Y8DL

Tot Ion:	228	Resp:	24525
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.0
229	22.0	17.7	26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 5.84 ng/ul m

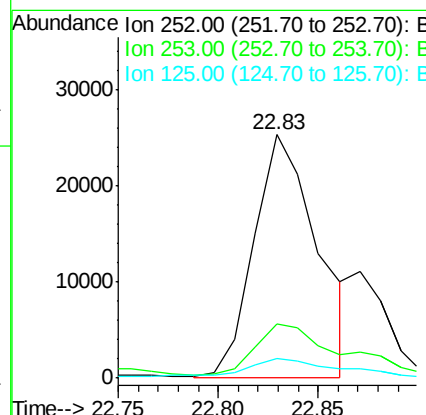
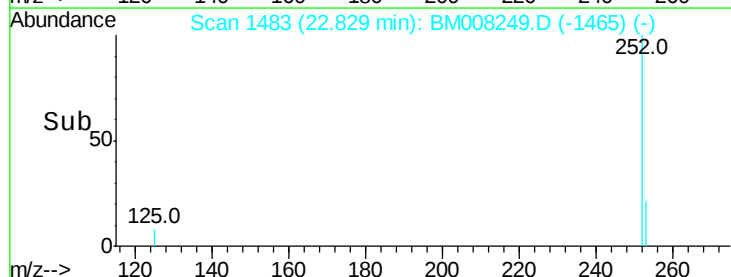
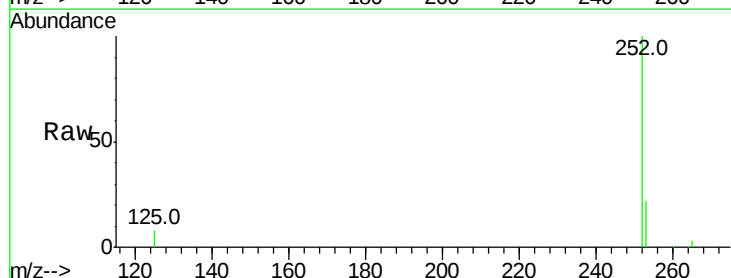
RT: 22.83 min Scan# 1483

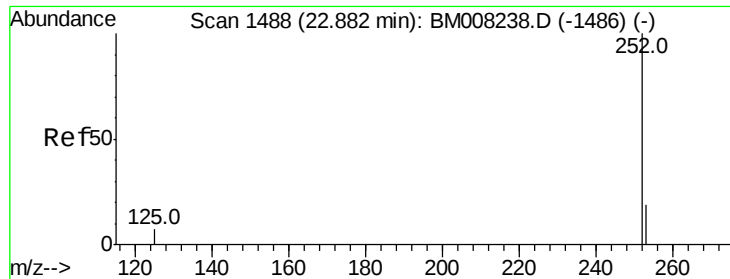
Delta R.T. -0.01 min

Lab File: BM008249.D

Acq: 11 Dec 2016 01:17

Tgt Ion:	252	Resp:	55751
Ion Ratio	Lower	Upper	
252	100		
253	22.2	0.0	64.2
125	8.3	0.0	35.0





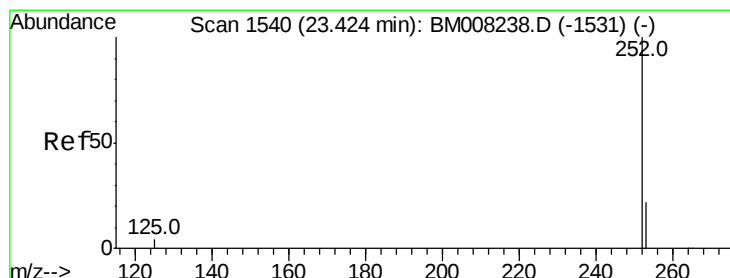
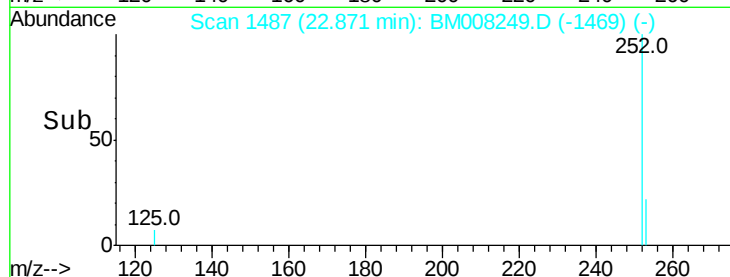
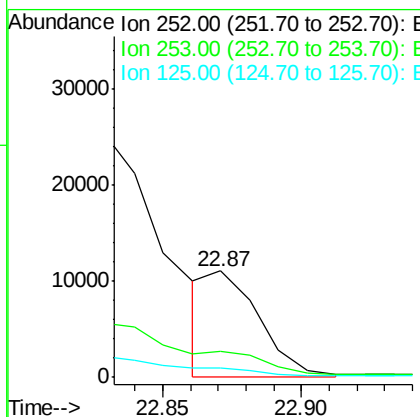
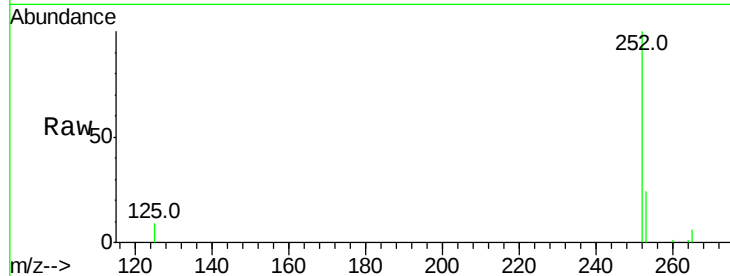
#22
Benzo(k)fluoranthene
Concen: 1.46 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM008249.D
Acq: 11 Dec 2016 01:17

Instrument :
BNA_M
ClientSampleId :
DA7Y8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	24.5	36.7#
125	8.6	13.7	20.5#

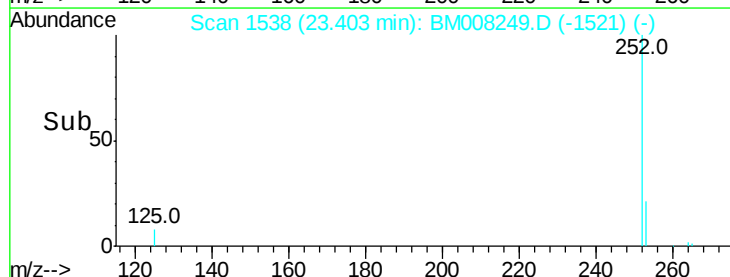
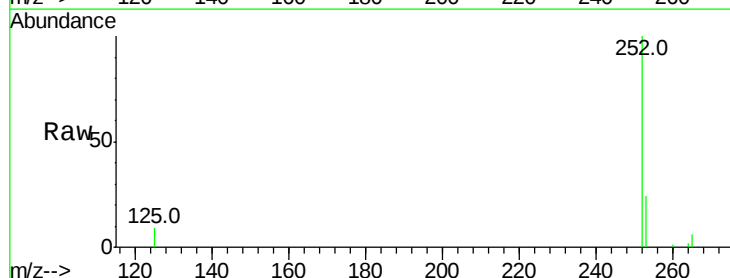
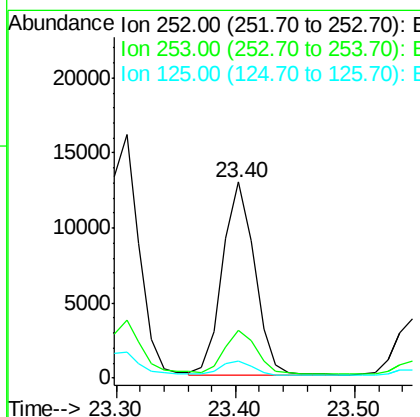
Manual Integrations
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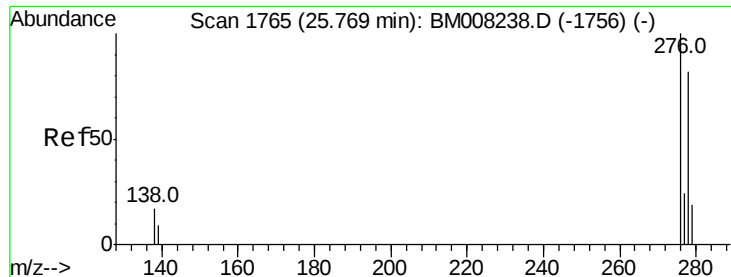
UMANGI
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#23
Benzo(a)pyrene
Concen: 2.67 ng/ul
RT: 23.40 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BM008249.D
Acq: 11 Dec 2016 01:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	28.5	42.7#
125	8.9	18.1	27.1#





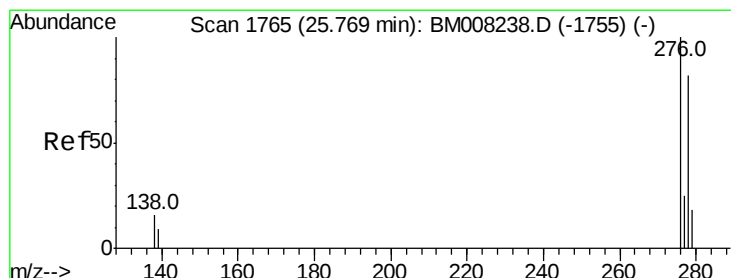
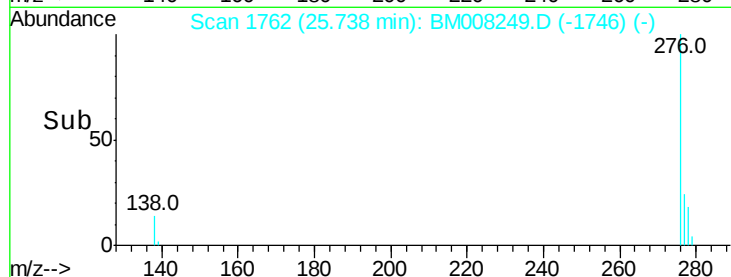
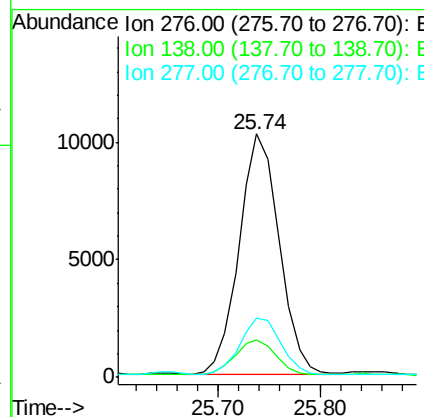
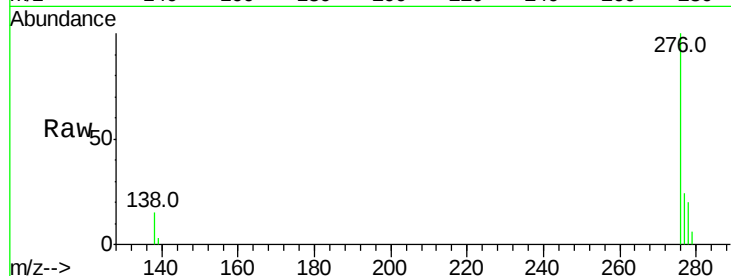
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.52 ng/ul
 RT: 25.74 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BM008249.D
 Acq: 11 Dec 2016 01:17

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	19.1	28.7#
277	23.8	19.6	29.4

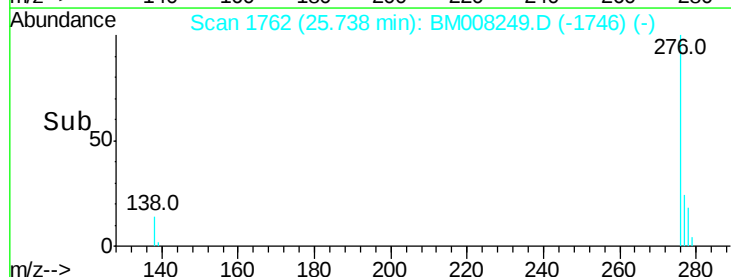
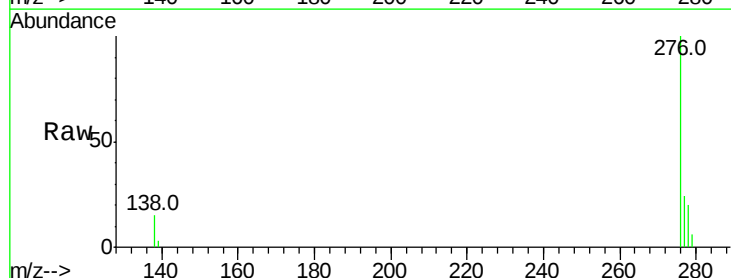
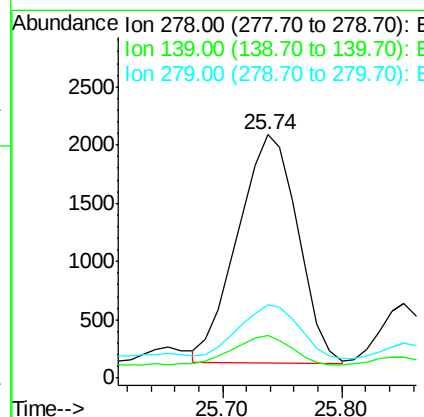
Manual Integrations
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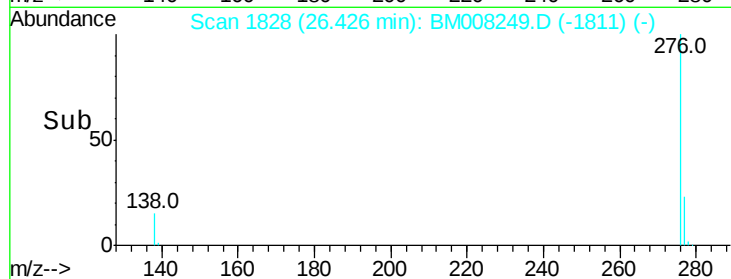
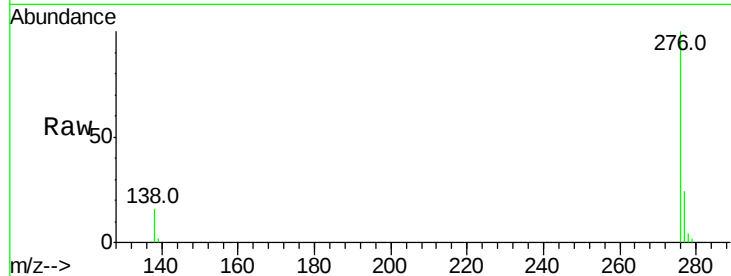
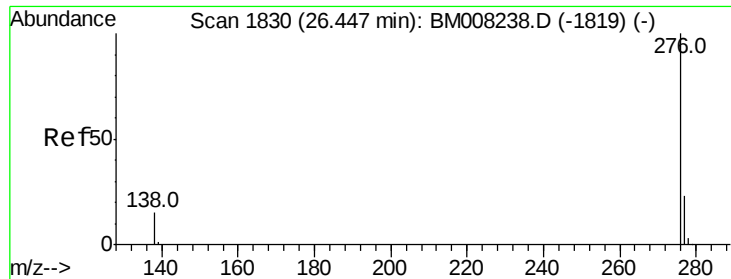
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.78 ng/ul
 RT: 25.74 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BM008249.D
 Acq: 11 Dec 2016 01:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	17.4	26.0#
279	30.3	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 2.62 ng/ul

RT: 26.43 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM008249.D

Acq: 11 Dec 2016 01:17

Instrument :

BNA_M

ClientSampleId :

DA7Y8DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	21.8	32.8
138	16.3	20.5	30.7

Manual Integrations
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