

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008239.D
 Acq On : 10 Dec 2016 19:17
 Operator : UM/SJ
 Sample : H5905-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA806

Manual Integrations
 APPROVED

UMANGI
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Quant Time: Dec 12 04:06:26 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	677	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2223	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1255	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2083	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2054	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1928	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	525	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1009m	0.17	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.51	128	4050	0.65	ng/ul	97
5) 2-Methylnaphthalene	12.13	142	3331	0.83	ng/ul	98
7) Acenaphthylene	14.04	152	2957	0.52	ng/ul#	96
8) Acenaphthene	14.38	153	1251	0.29	ng/ul	98
9) Fluorene	15.38	166	904m	0.18	ng/ul	
12) Phenanthrene	17.11	178	12765	1.97	ng/ul	96
13) Anthracene	17.21	178	4307	0.71	ng/ul	94
15) Fluoranthene	19.14	202	27555	3.29	ng/ul	93
17) Pyrene	19.51	202	28096	3.94	ng/ul	96
18) Benzo(a)anthracene	21.25	228	19395	3.08	ng/ul	99
19) Chrysene	21.30	228	19961	2.55	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	36817m	4.79	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	12310m	1.55	ng/ul	
23) Benzo(a)pyrene	23.40	252	19795	2.75	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.74	276	16221	1.82	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.74	278	4608	0.65	ng/ul	96
26) Benzo(a,h,i)perylene	26.43	276	12600	1.59	ng/ul#	90

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

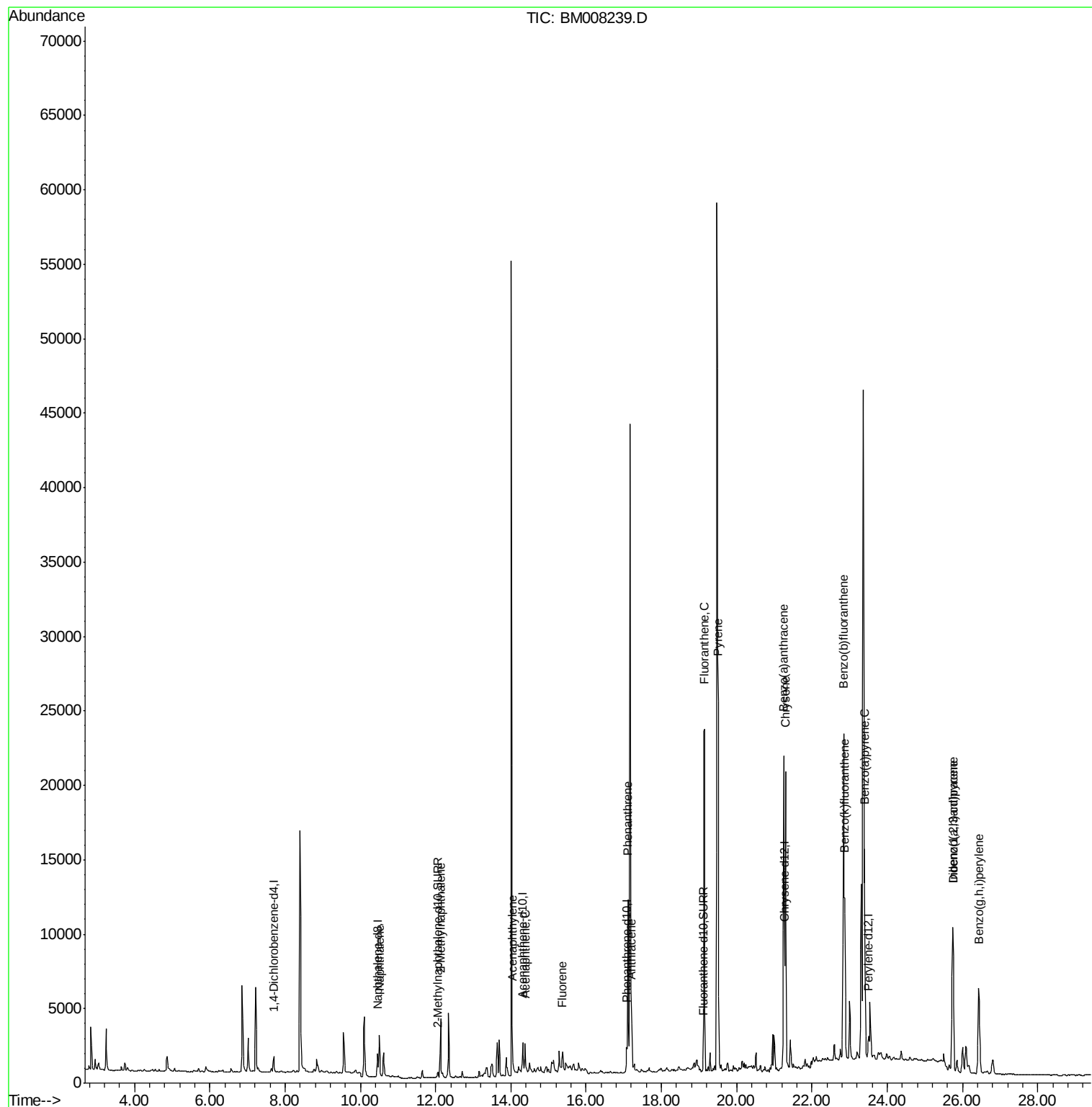
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008239.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

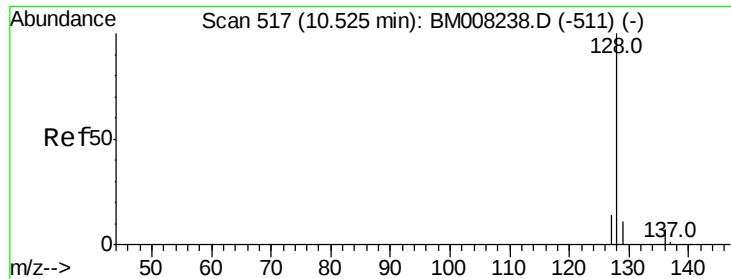
Instrument :
BNA_M
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DA806

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#3

Naphthalene

Concen: 0.65 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Instrument :

BNA_M

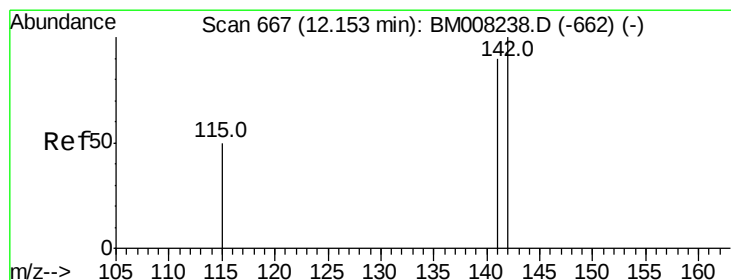
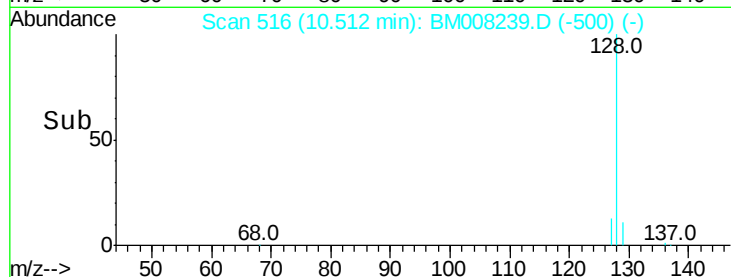
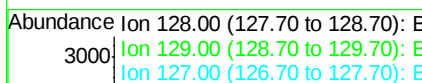
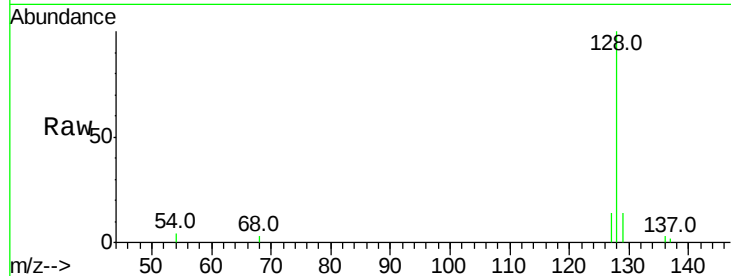
ClientSampleId :

DA806

Tot Ion:	128	Resp:	4050
Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.3	16.9
127	14.4	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 0.83 ng/ul

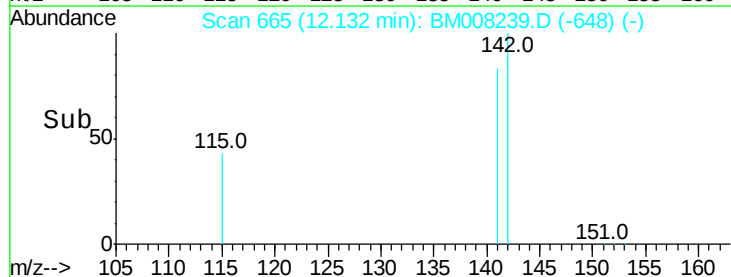
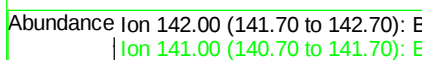
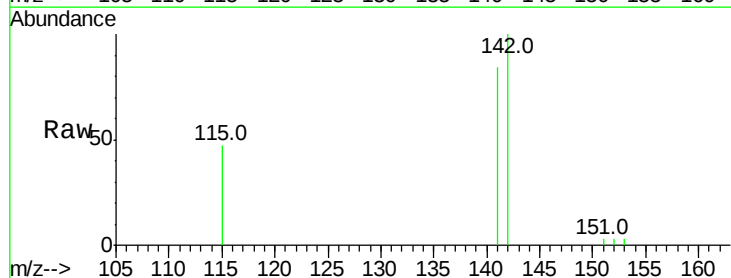
RT: 12.13 min Scan# 665

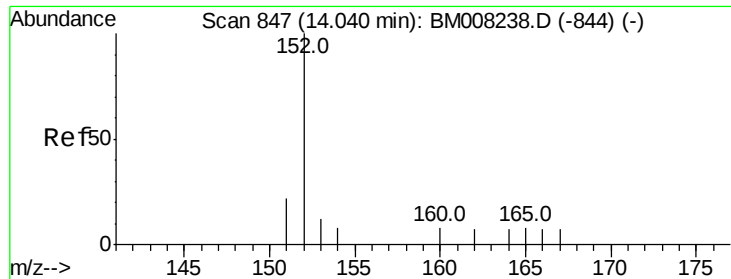
Delta R.T. -0.02 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Tgt Ion:	142	Resp:	3331
Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.52 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Instrument :

BNA_M

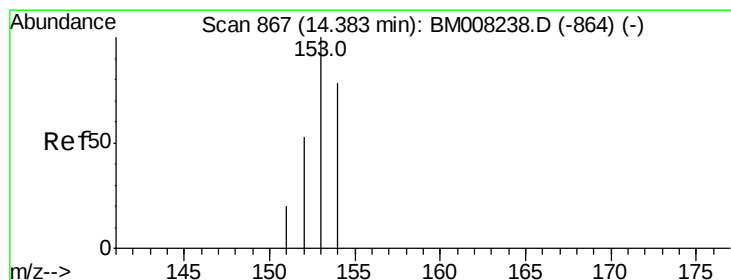
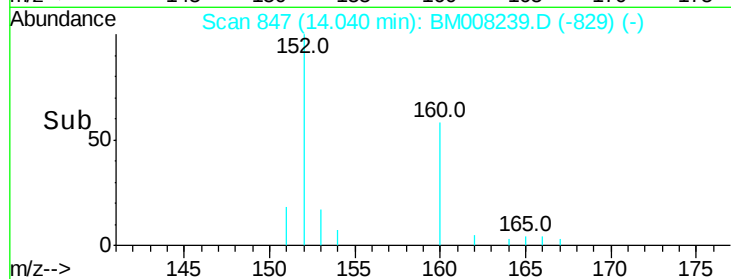
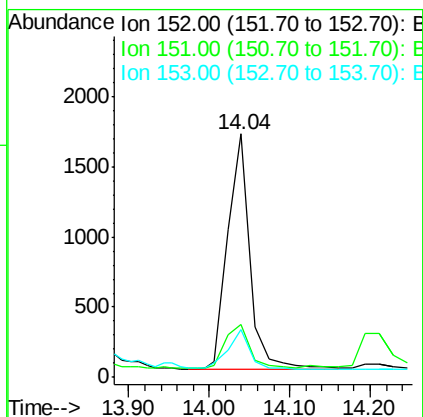
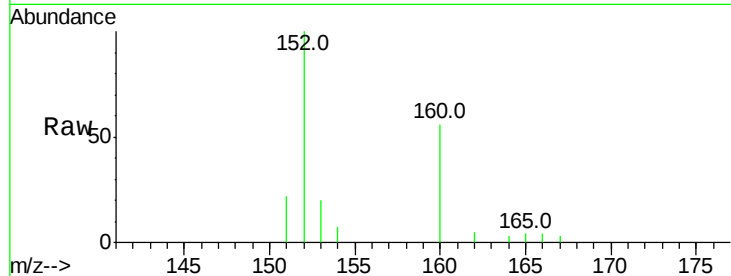
ClientSampleId :

DA806

Tot Ion:	152	Resp:	2957
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	19.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.29 ng/ul

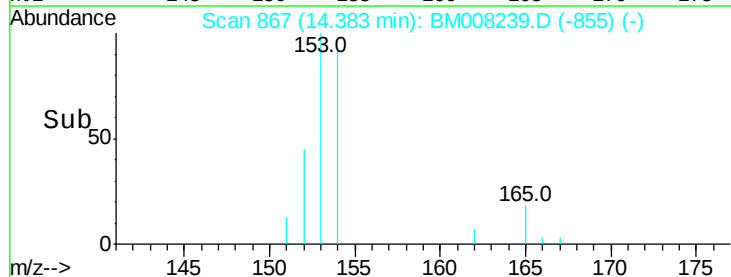
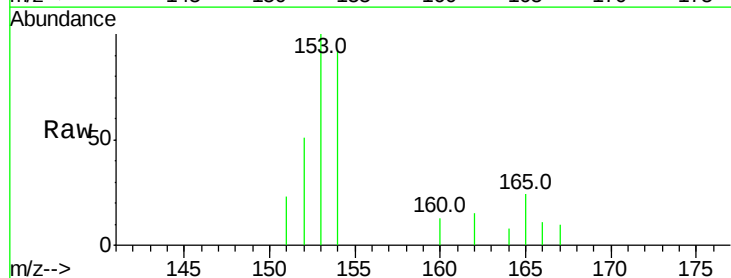
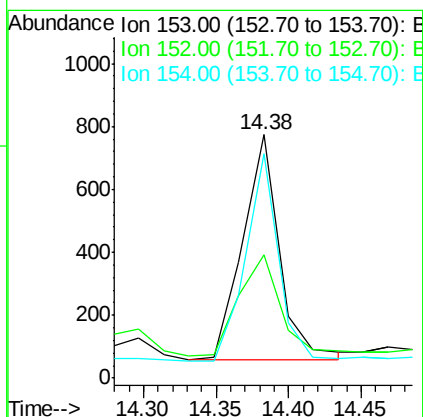
RT: 14.38 min Scan# 867

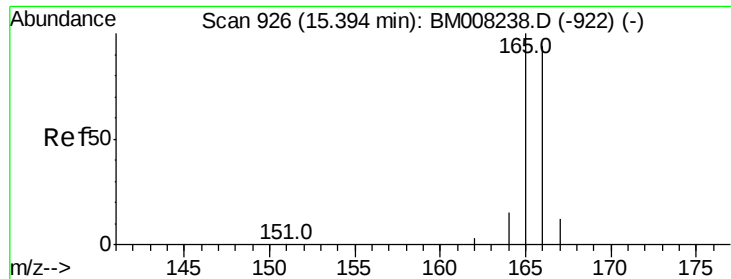
Delta R.T. -0.00 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Tgt Ion:	153	Resp:	1251
Ion Ratio	Lower	Upper	
153	100		
152	50.8	40.3	60.5
154	92.0	71.4	107.2





#9

Fluorene

Concen: 0.18 ng/ul m

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Instrument :

BNA_M

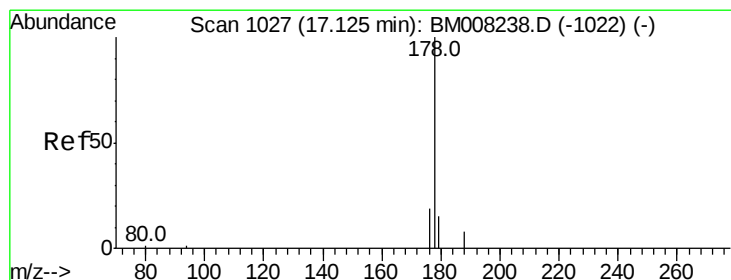
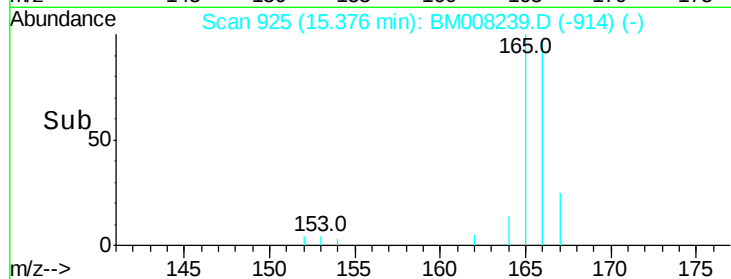
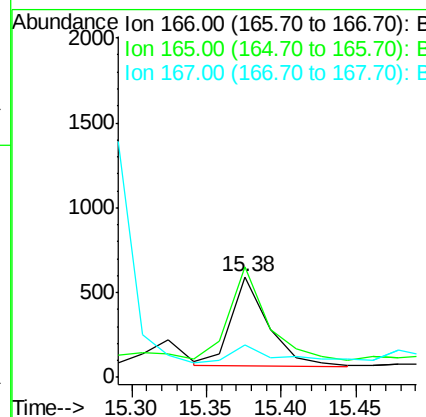
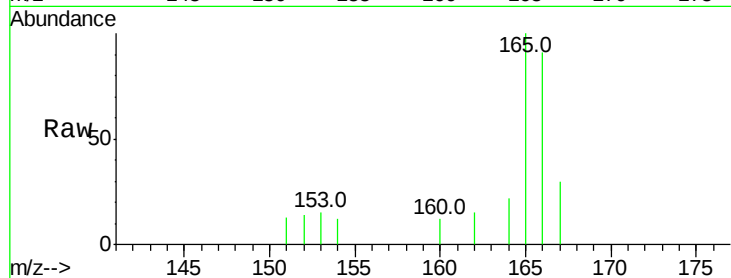
ClientSampleId :

DA806

Tot Ion:	166	Resp:	904
Ion Ratio	Lower	Upper	
166	100		
165	109.8	73.4	110.2
167	32.8	14.6	22.0#

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#12

Phenanthrene

Concen: 1.97 ng/ul

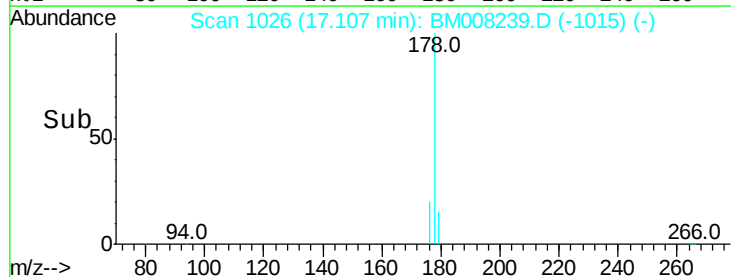
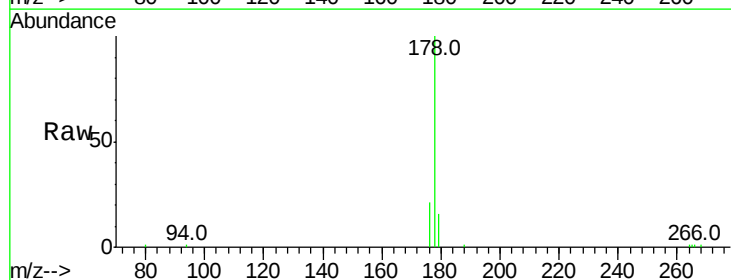
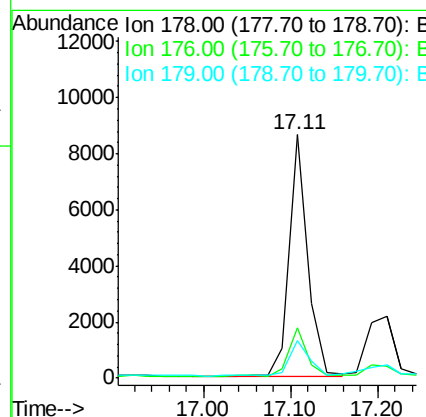
RT: 17.11 min Scan# 1026

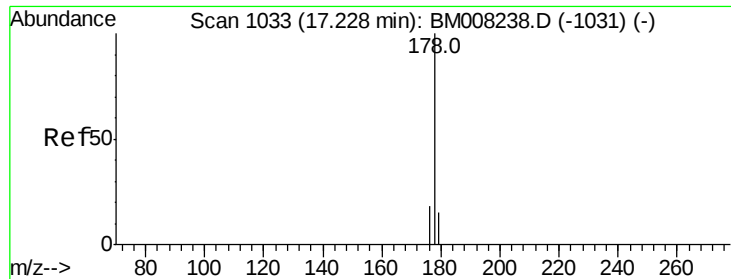
Delta R.T. -0.02 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Tgt Ion:	178	Resp:	12765
Ion Ratio	Lower	Upper	
178	100		
176	20.9	18.4	27.6
179	15.6	13.6	20.4





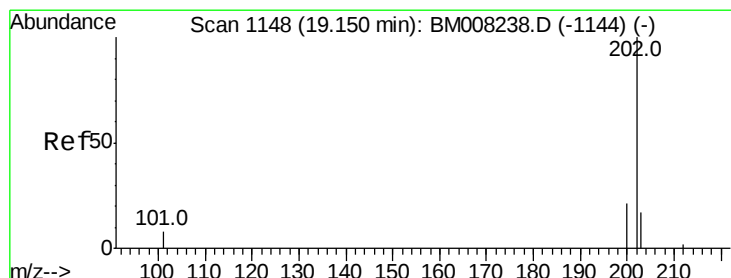
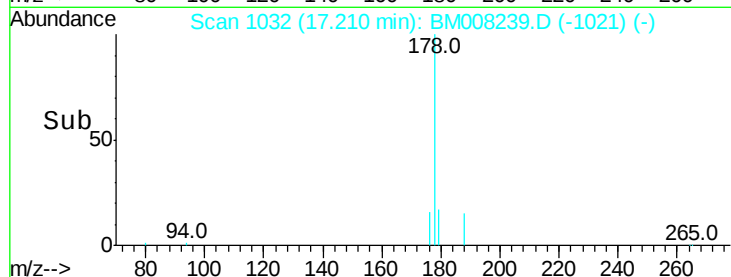
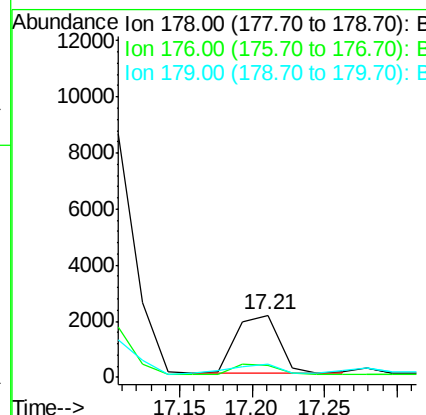
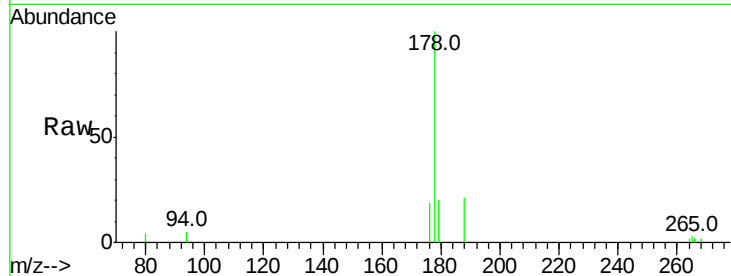
#13
 Anthracene
 Concen: 0.71 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BM008239.D
 Acq: 10 Dec 2016 19:17

Instrument :
 BNA_M
 ClientSampleId :
 DA806

Tot Ion:178 Resp: 4307
 Ion Ratio Lower Upper
 178 100
 176 19.4 18.1 27.1
 179 20.3 14.7 22.1

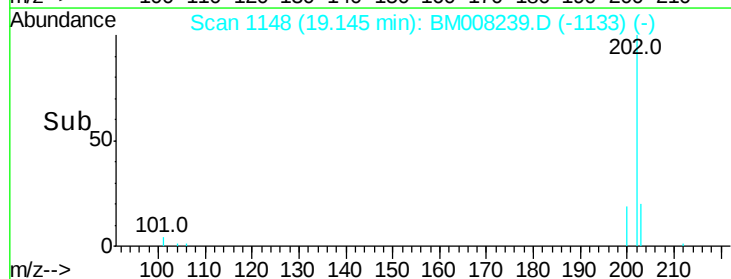
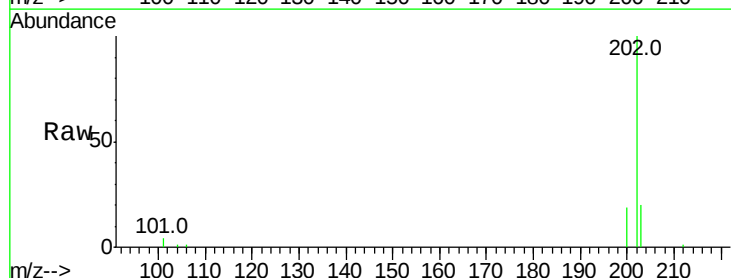
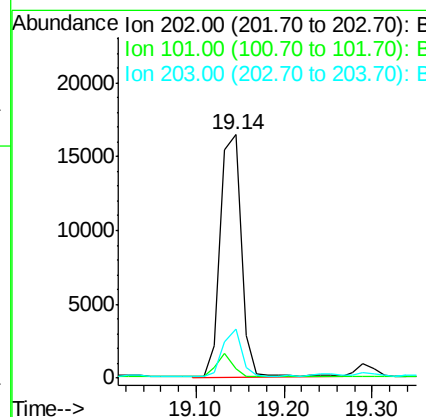
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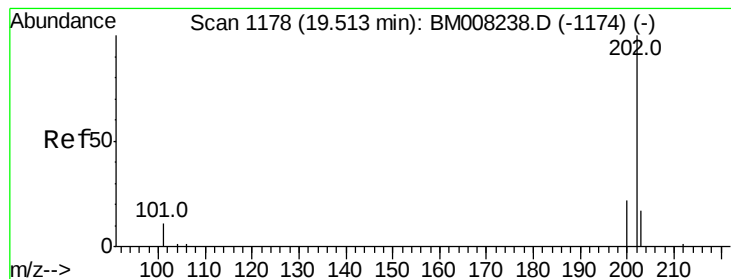
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#15
 Fluoranthene
 Concen: 3.29 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM008239.D
 Acq: 10 Dec 2016 19:17

Tgt Ion:202 Resp: 27555
 Ion Ratio Lower Upper
 202 100
 101 3.9 0.0 30.3
 203 19.9 0.0 39.5





#17

Pvrene

Concen: 3.94 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Instrument :

BNA_M

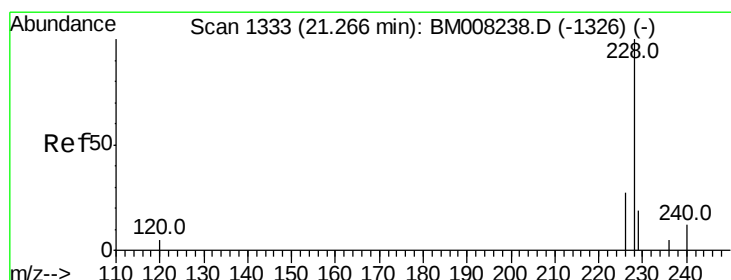
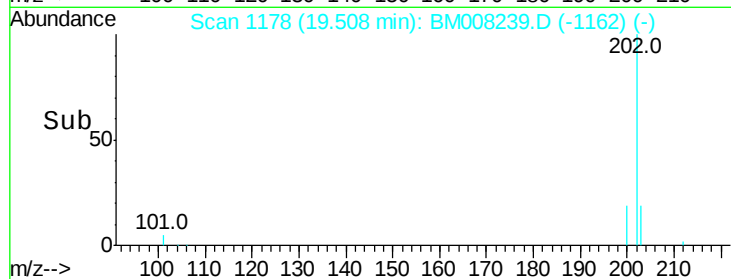
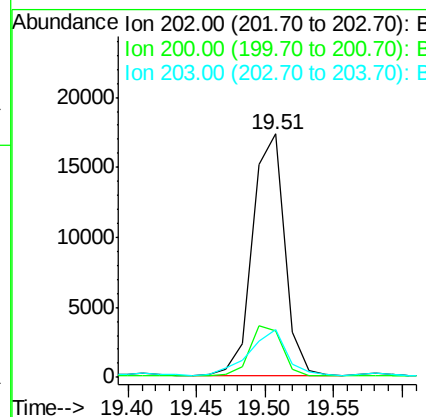
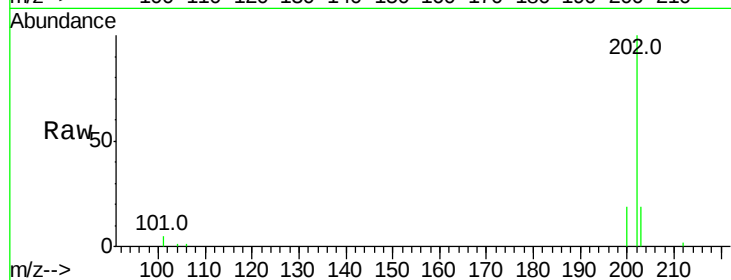
ClientSampleId :

DA806

Tot Ion:	202	Resp:	28096
Ion Ratio	Lower	Upper	
202	100		
200	19.1	18.2	27.4
203	19.4	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 3.08 ng/ul

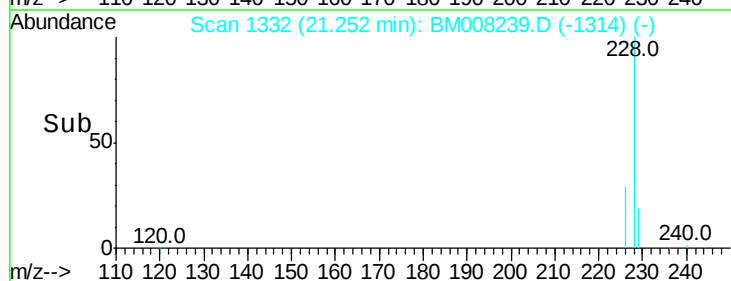
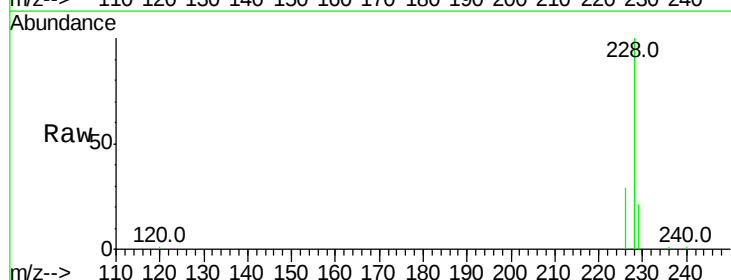
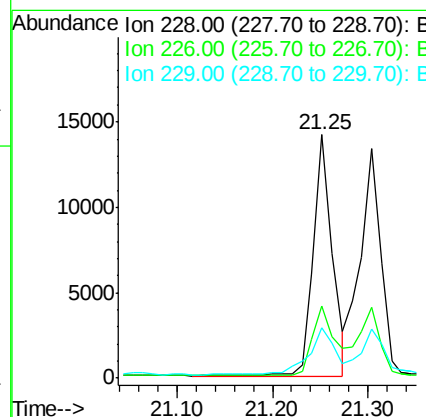
RT: 21.25 min Scan# 1332

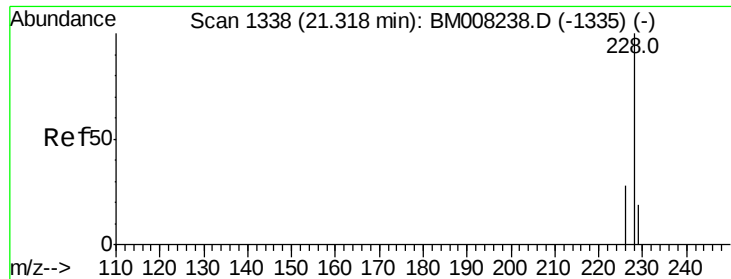
Delta R.T. -0.01 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Tgt Ion:	228	Resp:	19395
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.8	34.2
229	20.9	17.0	25.6





#19

Chrysene

Concen: 2.55 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Instrument :

BNA_M

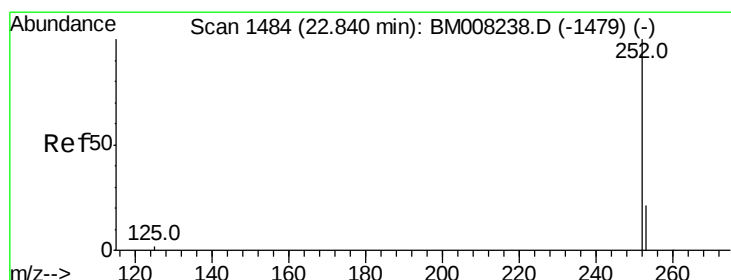
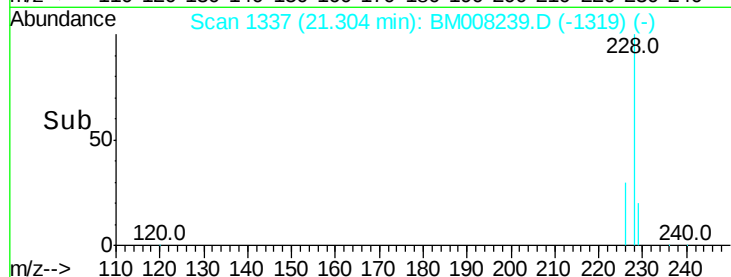
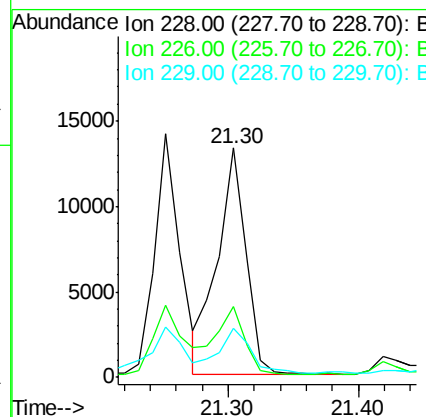
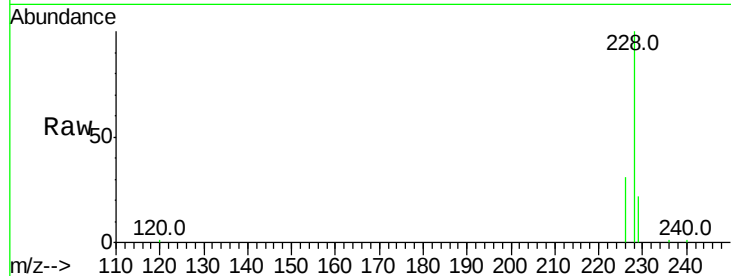
ClientSampleId :

DA806

Tot Ion:	228	Resp:	19961
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.0
229	21.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.79 ng/ul m

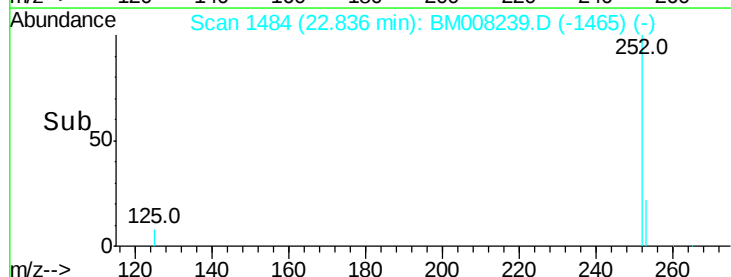
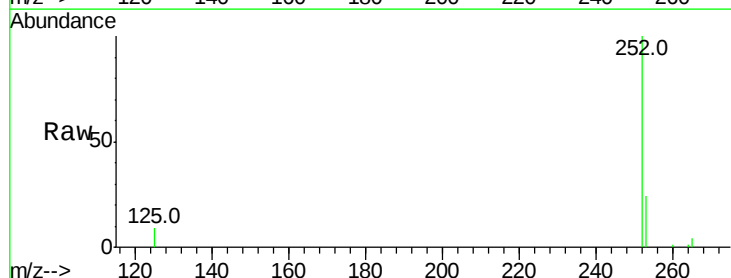
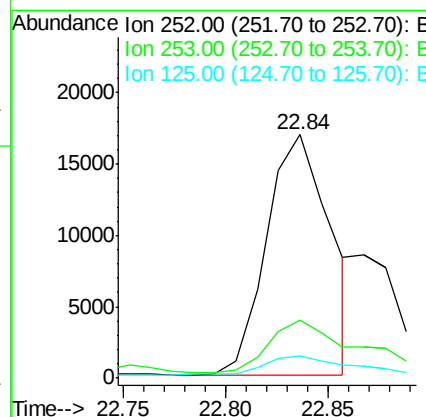
RT: 22.84 min Scan# 1484

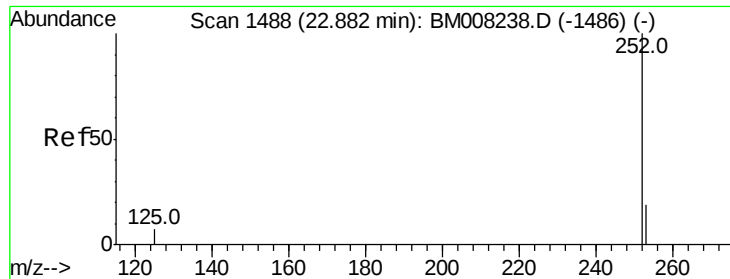
Delta R.T. -0.00 min

Lab File: BM008239.D

Acq: 10 Dec 2016 19:17

Tgt Ion:	252	Resp:	36817
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	64.2
125	8.9	0.0	35.0





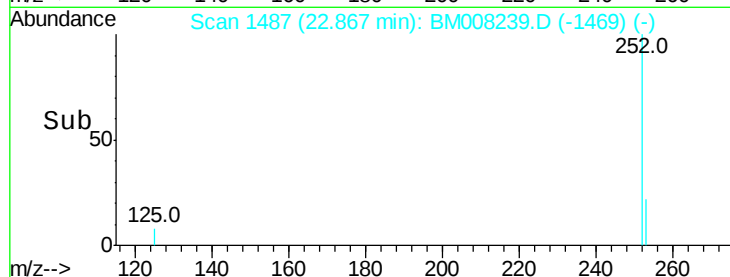
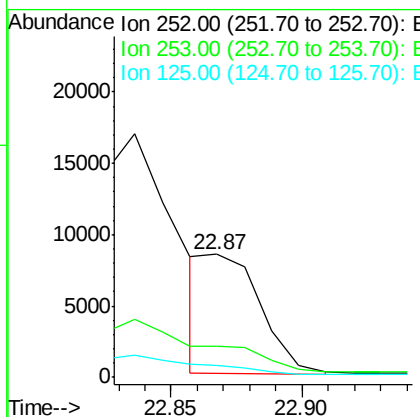
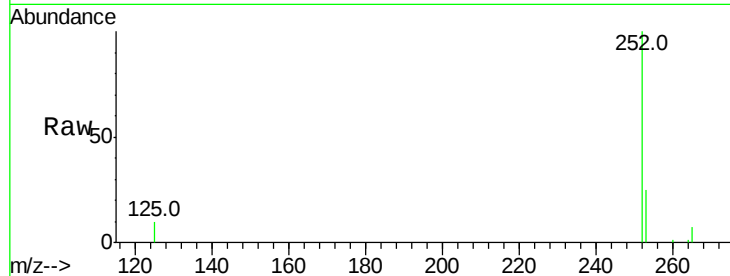
#22
Benzo(k)fluoranthene
Concen: 1.55 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM008239.D
Acq: 10 Dec 2016 19:17

Instrument :
BNA_M
ClientSampleId :
DA806

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.5	36.7
125	9.8	13.7	20.5#

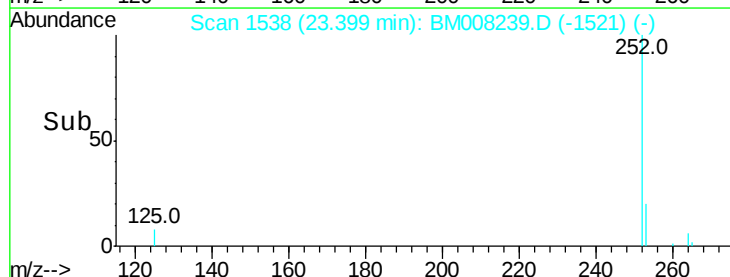
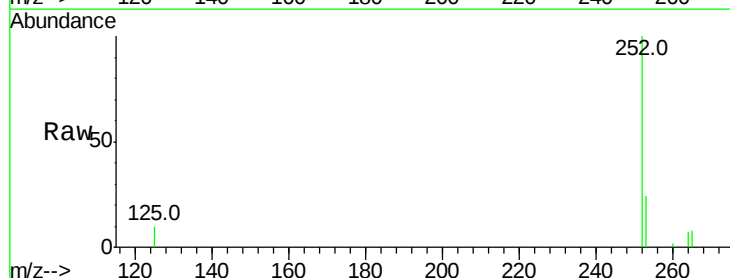
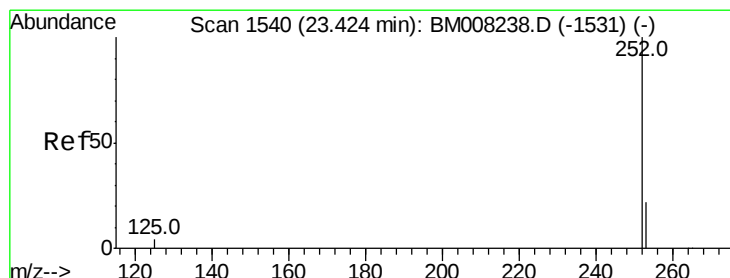
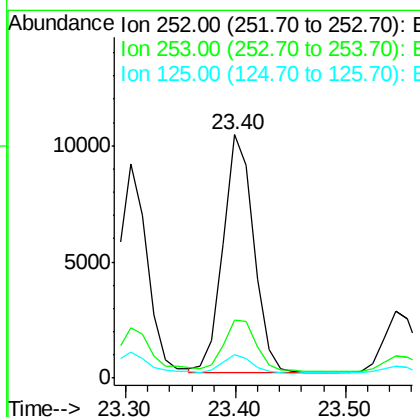
Manual Integrations
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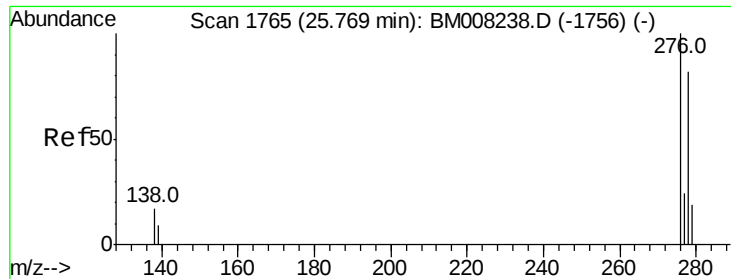
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#23
Benzo(a)pyrene
Concen: 2.75 ng/ul
RT: 23.40 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BM008239.D
Acq: 10 Dec 2016 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	9.6	18.1	27.1#





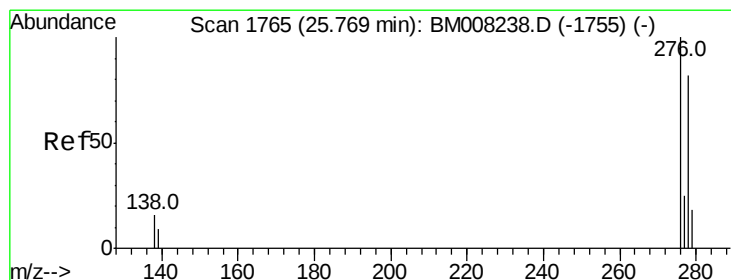
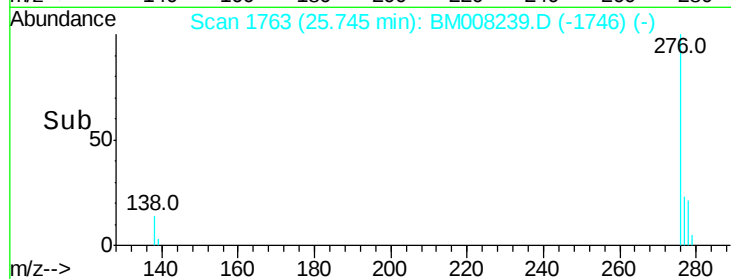
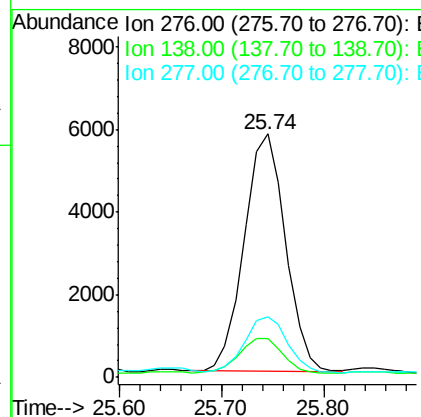
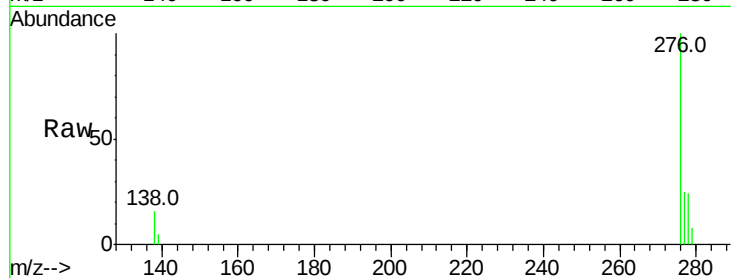
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.82 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BM008239.D
 Acq: 10 Dec 2016 19:17

Instrument :
 BNA_M
 ClientSampleId :
 DA806

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	19.1	28.7#
277	24.0	19.6	29.4

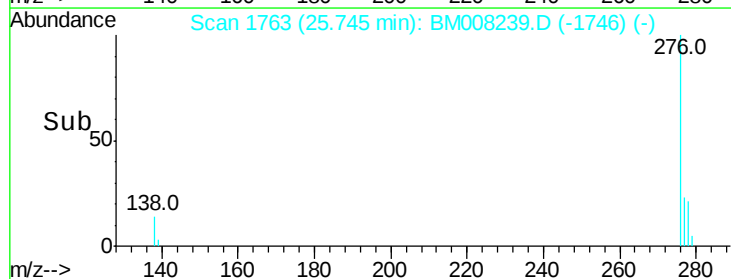
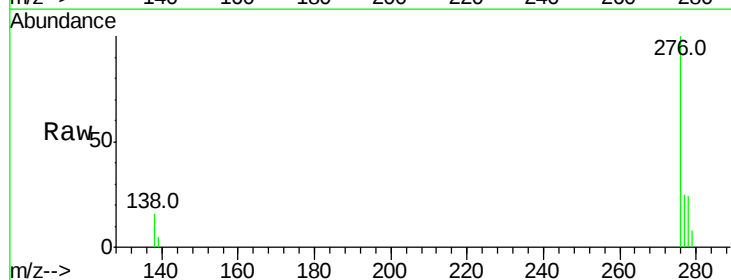
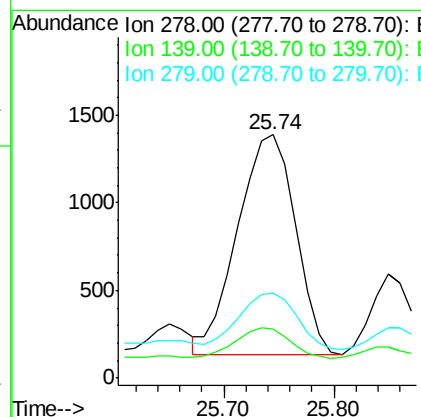
Manual Integrations
 APPROVED

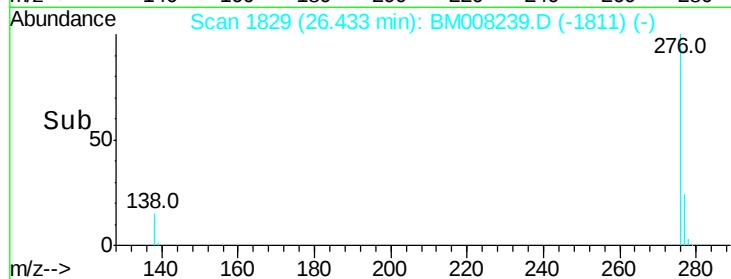
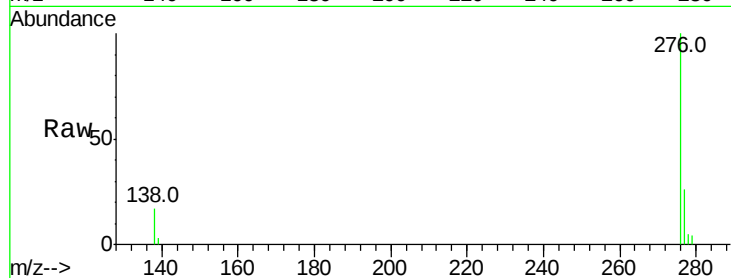
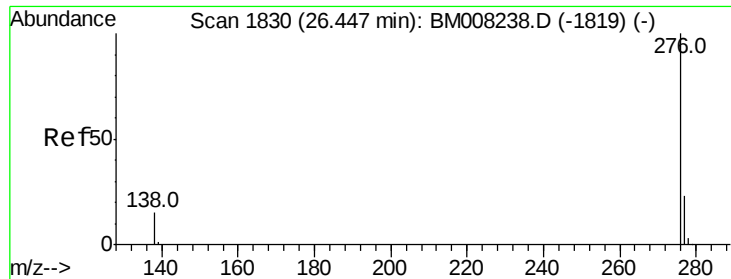
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.65 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BM008239.D
 Acq: 10 Dec 2016 19:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	17.4	26.0
279	35.1	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 1.59 ng/ul
 RT: 26.43 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BM008239.D
 Acq: 10 Dec 2016 19:17

Instrument :
 BNA_M
 ClientSampleId :
 DA806

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	21.8	32.8
138	16.7	20.5	30.7

Manual Integrations
 APPROVED

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