

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008246.D
 Acq On : 10 Dec 2016 23:29
 Operator : UM/SJ
 Sample : H5905-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA819

Manual Integrations
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Quant Time: Dec 12 11:43:25 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	587	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2079	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1299	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2491	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	2338	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	2163	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	519	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1671	0.24	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	1967	0.34	ng/ul	96
5) 2-Methylnaphthalene	12.13	142	2734	0.73	ng/ul	100
8) Acenaphthene	14.38	153	339	0.08	ng/ul#	92
9) Fluorene	15.38	166	852	0.17	ng/ul#	74
12) Phenanthrene	17.11	178	2983	0.38	ng/ul	96
13) Anthracene	17.19	178	744m	0.10	ng/ul	
15) Fluoranthene	19.14	202	4228	0.42	ng/ul	93
17) Pyrene	19.50	202	4250	0.52	ng/ul	96
18) Benzo(a)anthracene	21.26	228	2327	0.32	ng/ul#	85
19) Chrysene	21.31	228	2260	0.25	ng/ul#	85
21) Benzo(b)fluoranthene	22.84	252	3659m	0.42	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1134m	0.13	ng/ul	
23) Benzo(a)pyrene	23.40	252	2193	0.27	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.75	276	1528	0.15	ng/ul#	93
26) Benzo(g,h,i)perylene	26.44	276	1549	0.17	ng/ul#	88

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

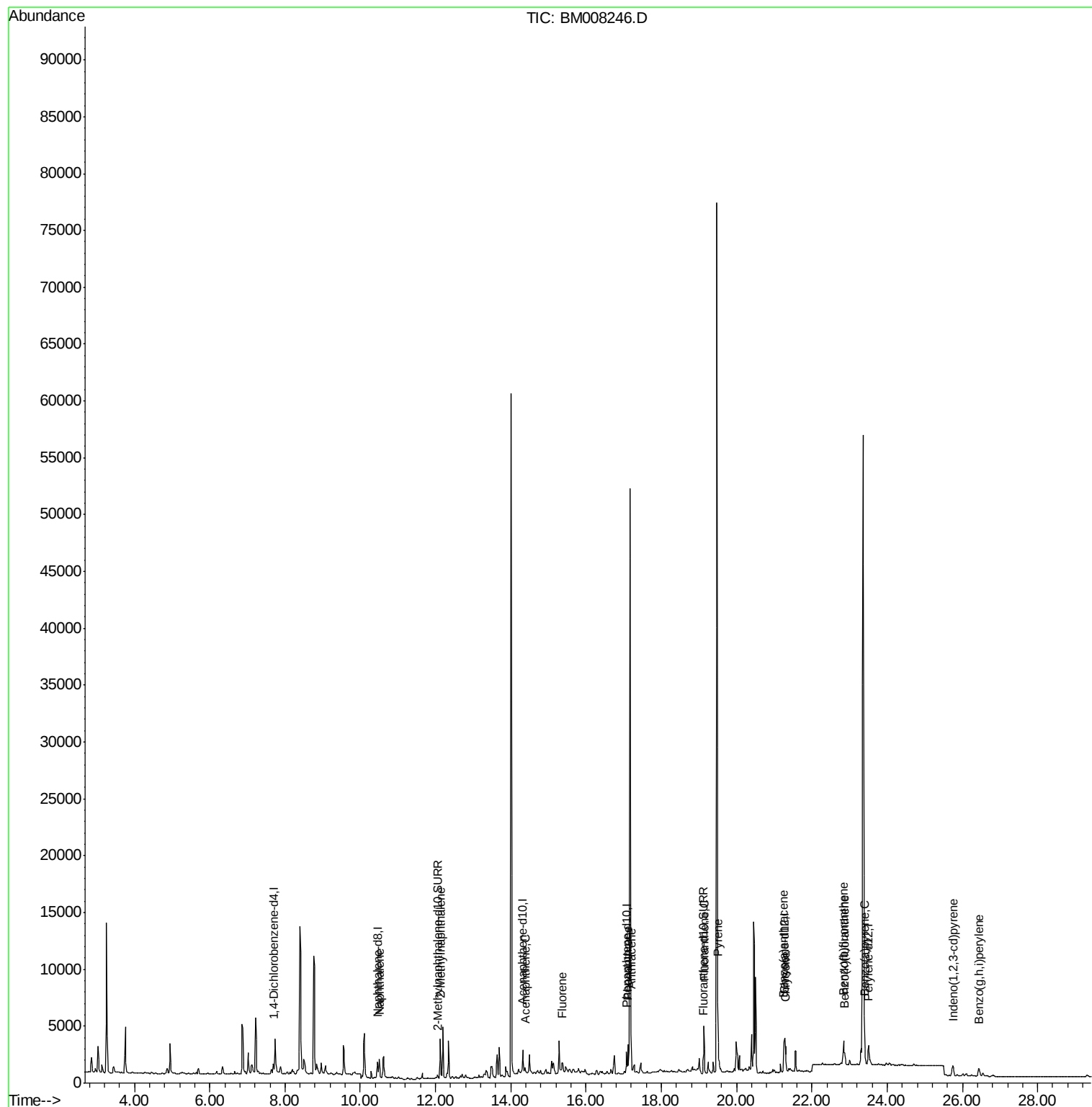
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008246.D
Acq On : 10 Dec 2016 23:29
Operator : UM/SJ
Sample : H5905-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

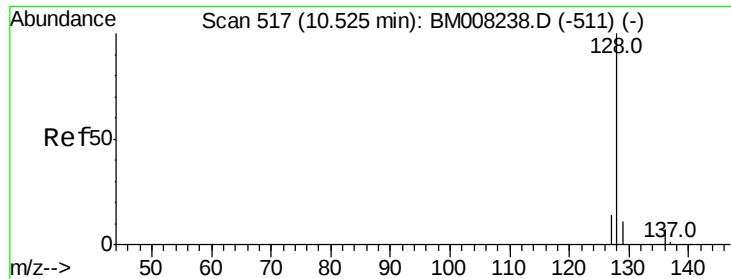
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Dec 12 11:43:25 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.34 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008246.D

Acq: 10 Dec 2016 23:29

Instrument :

BNA_M

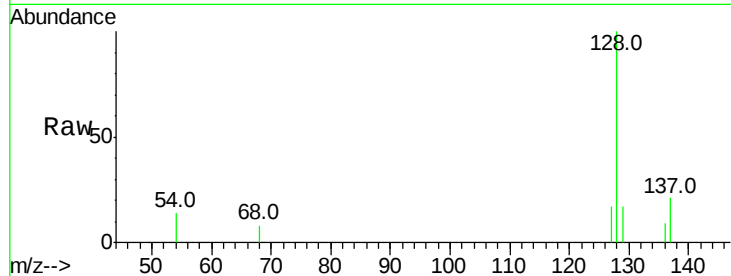
ClientSampleId :

DA819

Tot Ion:	128	Resp:	1967
Ion Ratio	Lower	Upper	
128	100		
129	16.6	11.3	16.9
127	16.9	12.8	19.2

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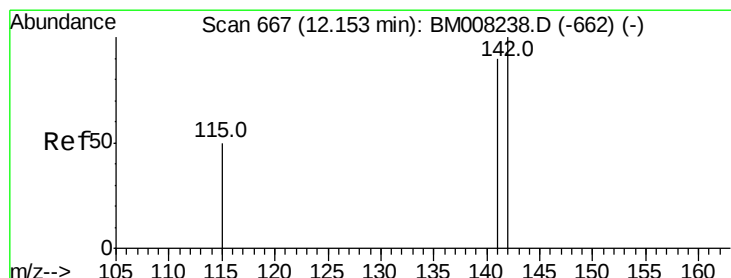
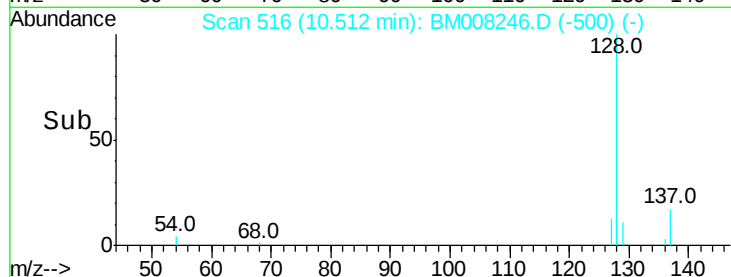
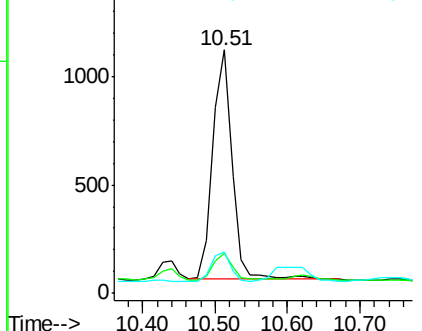
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.73 ng/ul

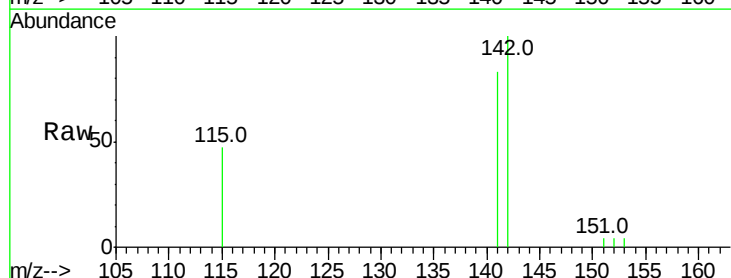
RT: 12.13 min Scan# 665

Delta R.T. -0.02 min

Lab File: BM008246.D

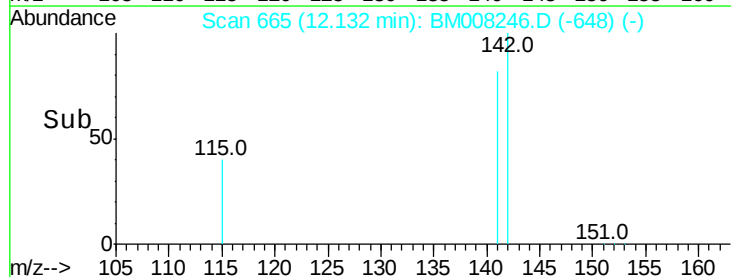
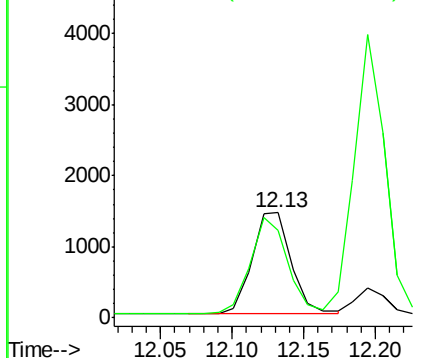
Acq: 10 Dec 2016 23:29

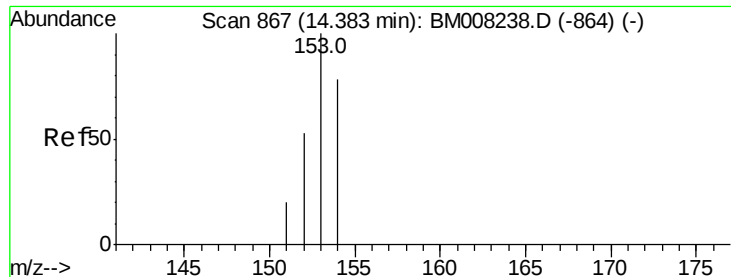
Tgt Ion:	142	Resp:	2734
Ion Ratio	Lower	Upper	
142	100		
141	90.3	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.08 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM008246.D

Acq: 10 Dec 2016 23:29

Instrument :

BNA_M

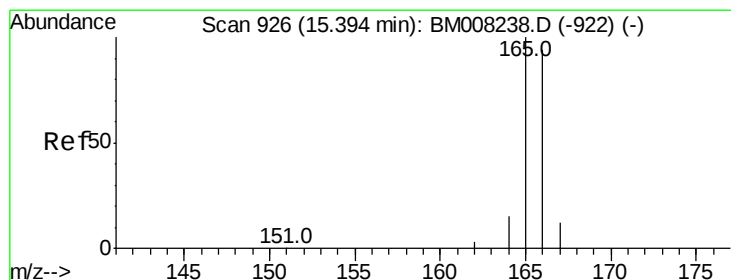
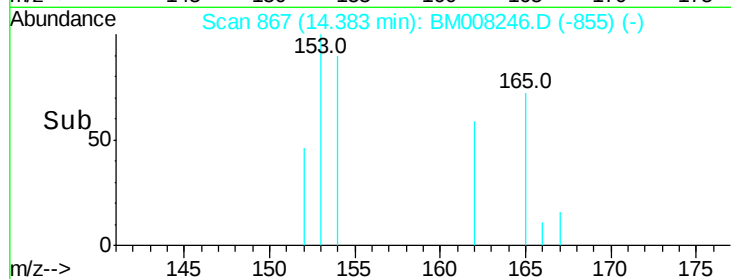
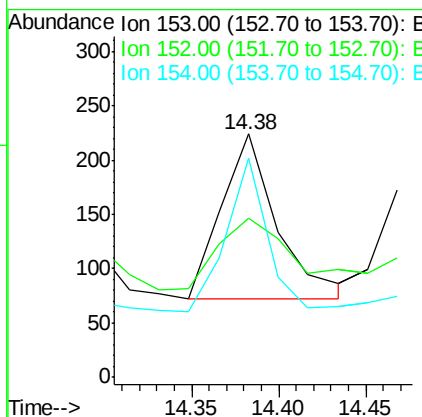
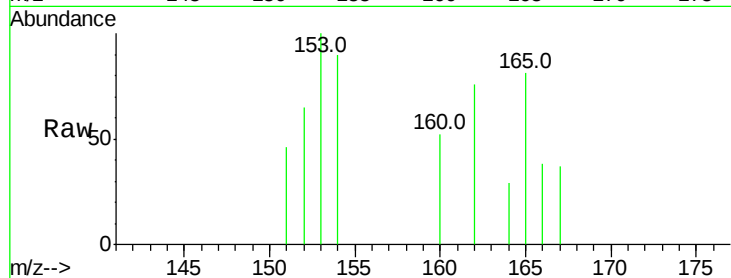
ClientSampleId :

DA819

Tot Ion:	153	Resp:	339
Ion	Ratio	Lower	Upper
153	100		
152	65.2	40.3	60.5#
154	90.2	71.4	107.2

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#9

Fluorene

Concen: 0.17 ng/ul

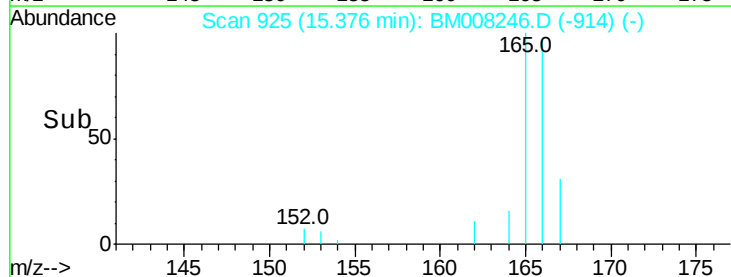
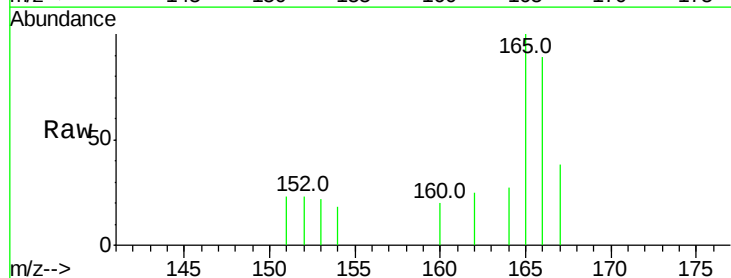
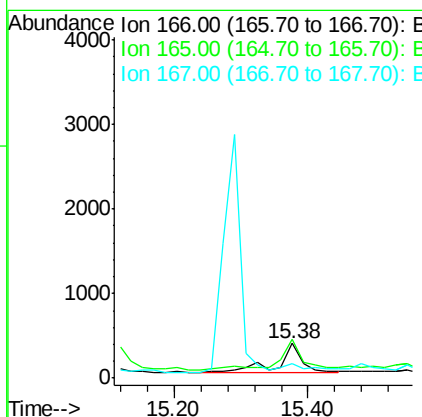
RT: 15.38 min Scan# 925

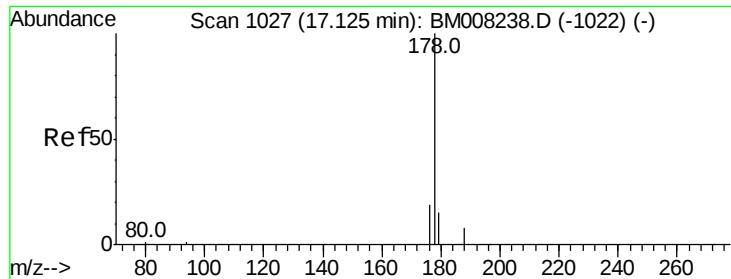
Delta R.T. -0.02 min

Lab File: BM008246.D

Acq: 10 Dec 2016 23:29

Tgt Ion:	166	Resp:	852
Ion	Ratio	Lower	Upper
166	100		
165	111.9	73.4	110.2#
167	42.0	14.6	22.0#





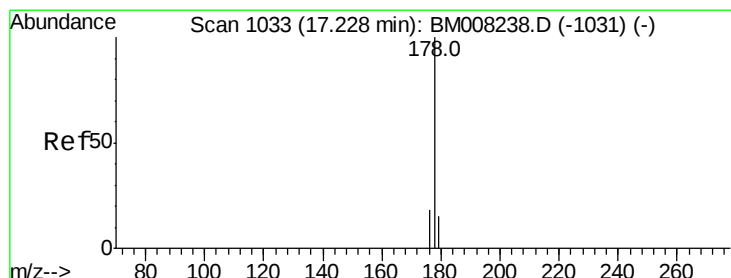
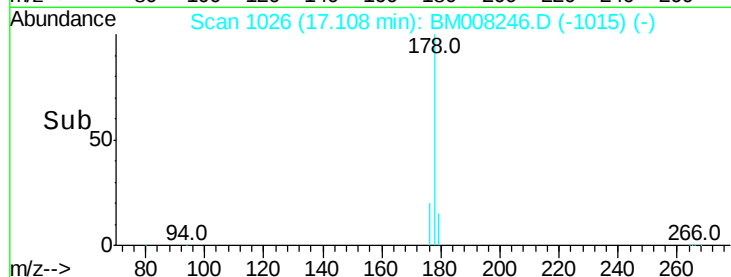
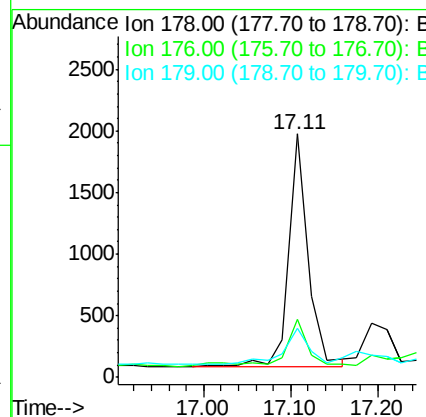
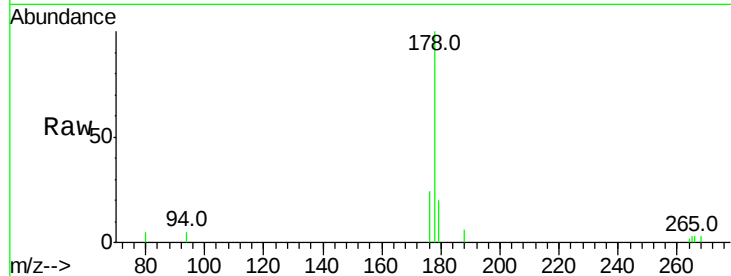
#12
Phenanthrene
Concen: 0.38 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM008246.D
Acq: 10 Dec 2016 23:29

Instrument :
BNA_M
ClientSampled :
DA819

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.9	18.4	27.6
179	20.1	13.6	20.4

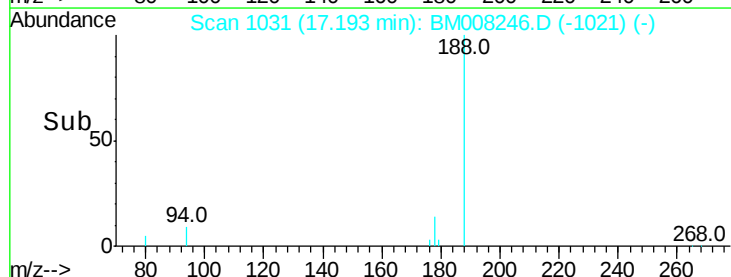
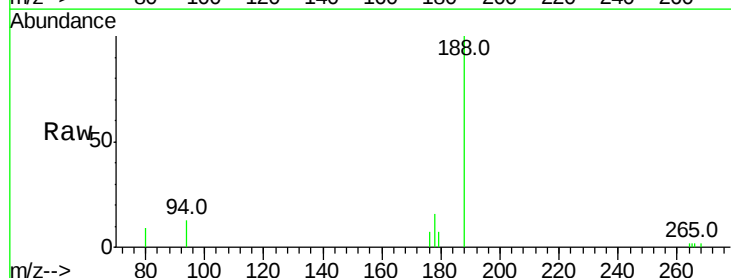
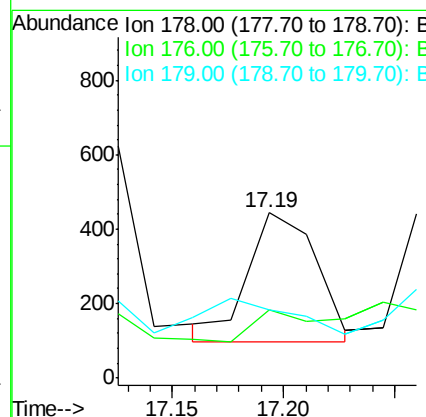
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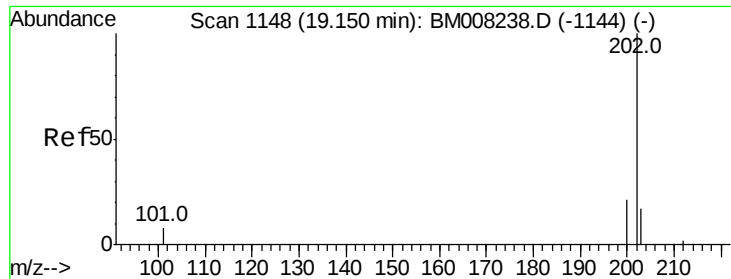
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#13
Anthracene
Concen: 0.10 ng/ul m
RT: 17.19 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BM008246.D
Acq: 10 Dec 2016 23:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	41.3	18.1	27.1#
179	41.3	14.7	22.1#





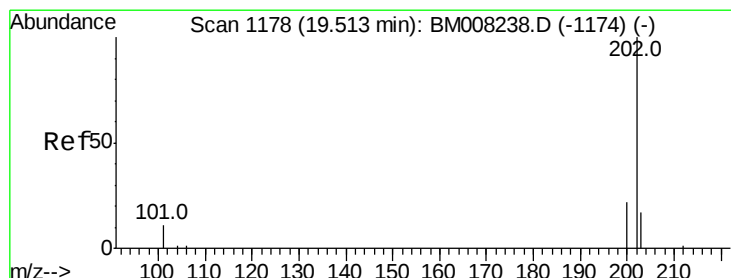
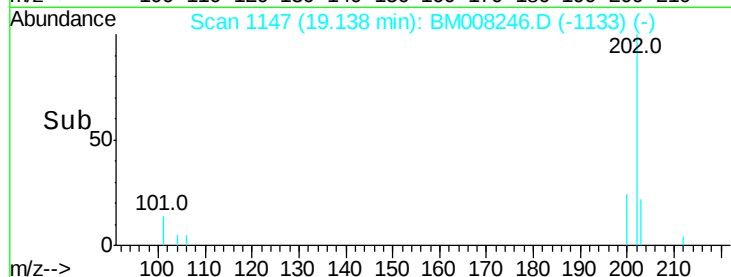
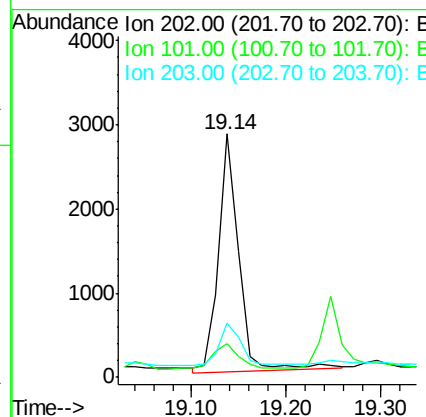
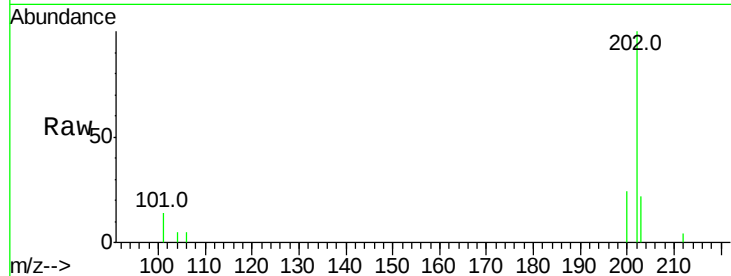
#15
Fluoranthene
Concen: 0.42 ng/ul
RT: 19.14 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM008246.D
Acq: 10 Dec 2016 23:29

Instrument :
BNA_M
ClientSampleId :
DA819

Tot Ion:	202	Resp:	4228
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	30.3
203	22.3	0.0	39.5

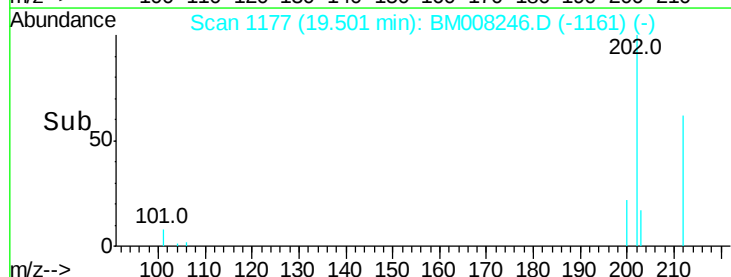
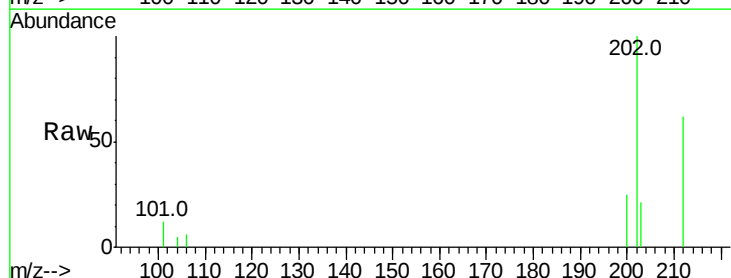
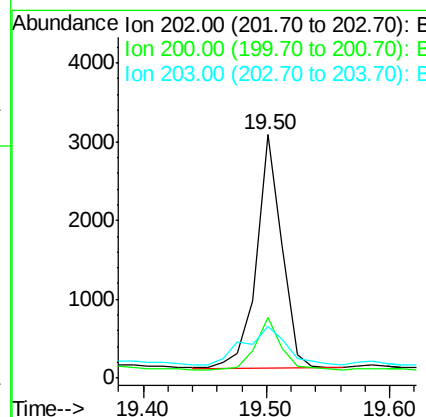
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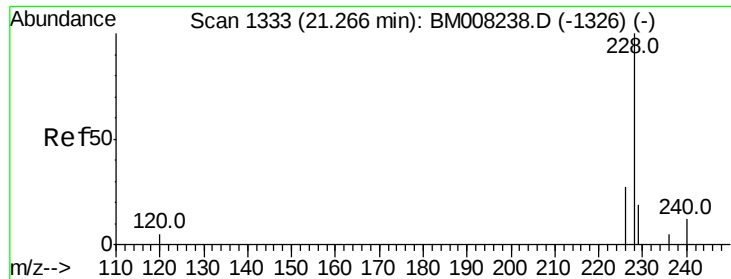
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#17
Pyrene
Concen: 0.52 ng/ul
RT: 19.50 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BM008246.D
Acq: 10 Dec 2016 23:29

Tgt Ion:	202	Resp:	4250
Ion Ratio	Lower	Upper	
202	100		
200	24.8	18.2	27.4
203	21.3	15.6	23.4





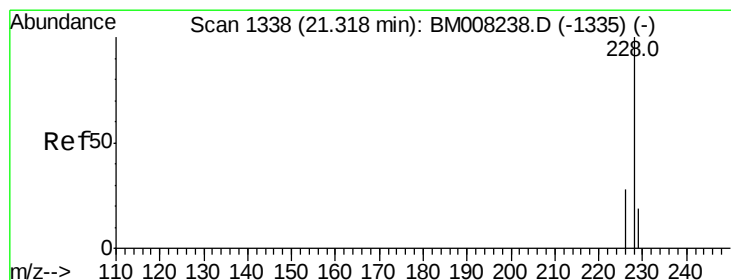
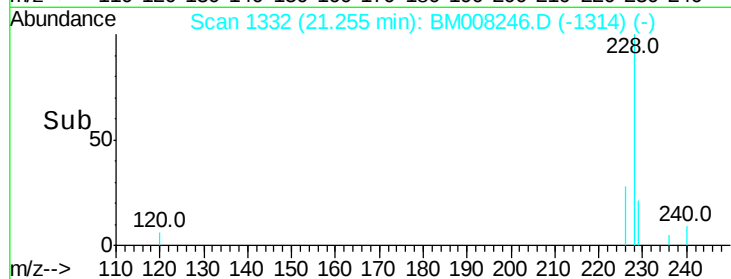
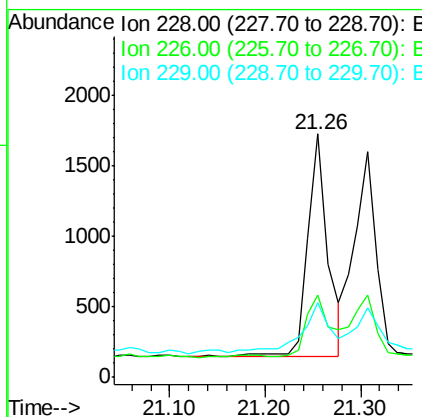
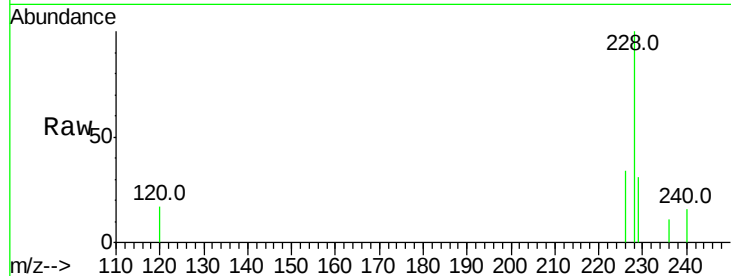
#18
Benzo(a)anthracene
Concen: 0.32 ng/ul
RT: 21.26 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM008246.D
Acq: 10 Dec 2016 23:29

Instrument :
BNA_M
ClientSampleId :
DA819

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.8	34.2
229	30.7	17.0	25.6#

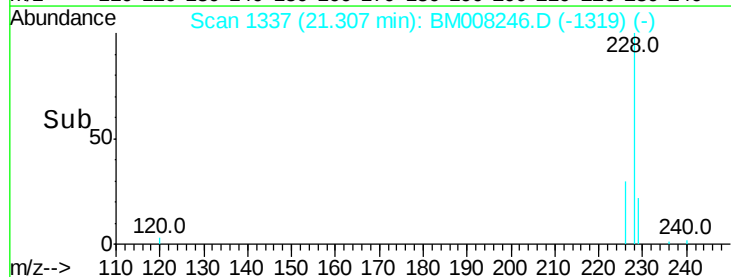
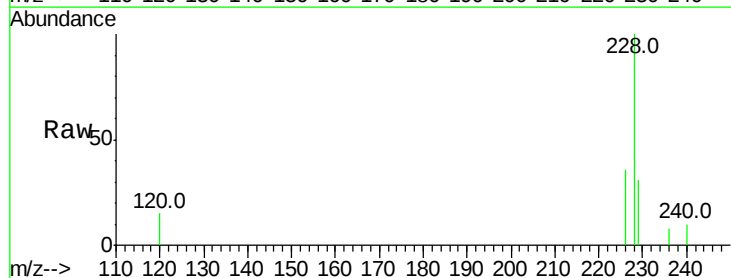
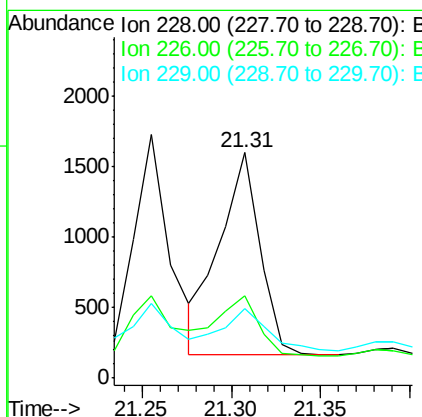
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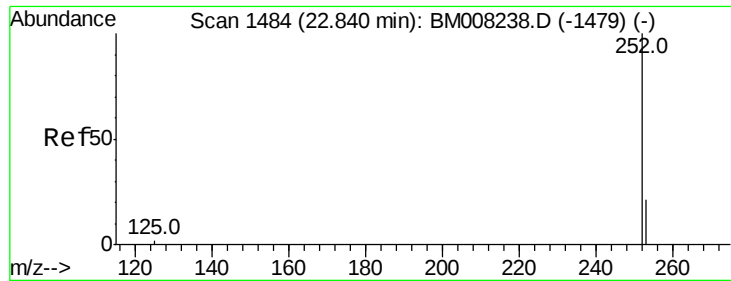
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#19
Chrysene
Concen: 0.25 ng/ul
RT: 21.31 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM008246.D
Acq: 10 Dec 2016 23:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.3	23.4	35.0#
229	30.9	17.7	26.5#





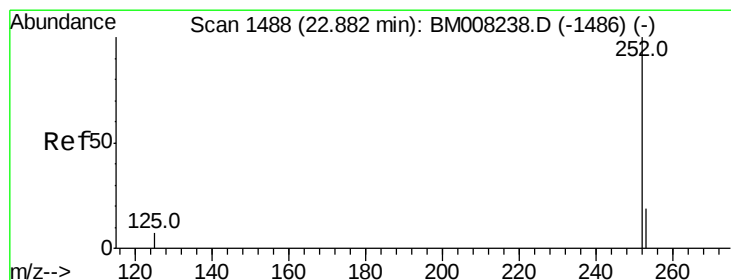
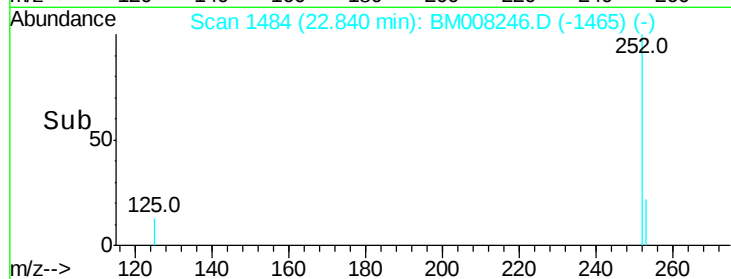
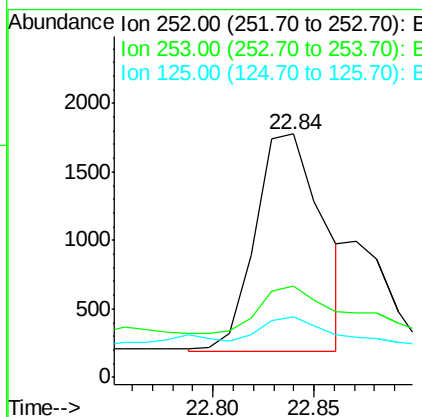
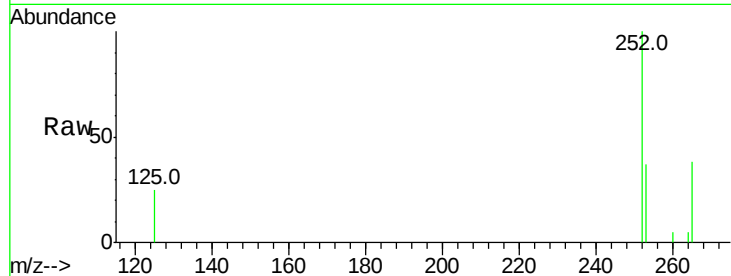
#21
Benzo(b)fluoranthene
Concen: 0.42 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BM008246.D
Acq: 10 Dec 2016 23:29

Instrument :
BNA_M
ClientSampleId :
DA819

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.4	0.0	64.2
125	25.0	0.0	35.0

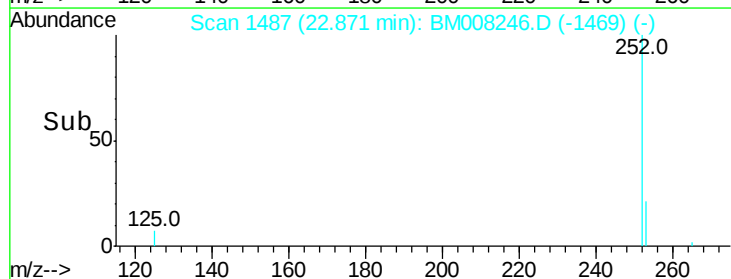
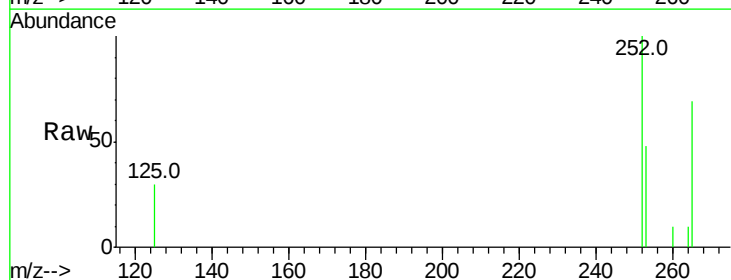
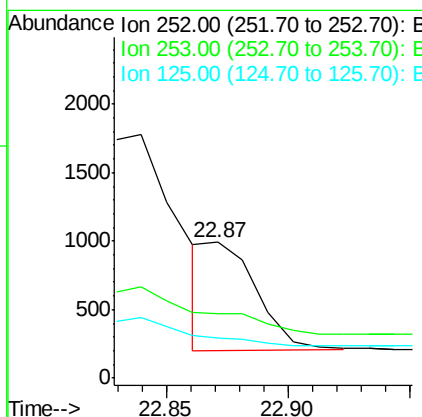
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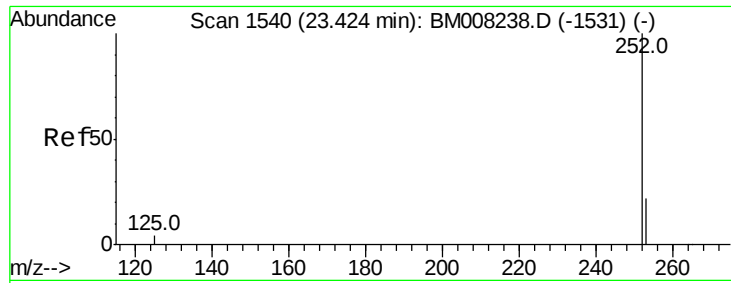
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#22
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM008246.D
Acq: 10 Dec 2016 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.9	24.5	36.7#
125	30.0	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.27 ng/ul

RT: 23.40 min Scan# 1538

Delta R.T. -0.02 min

Lab File: BM008246.D

Acq: 10 Dec 2016 23:29

Instrument :

BNA_M

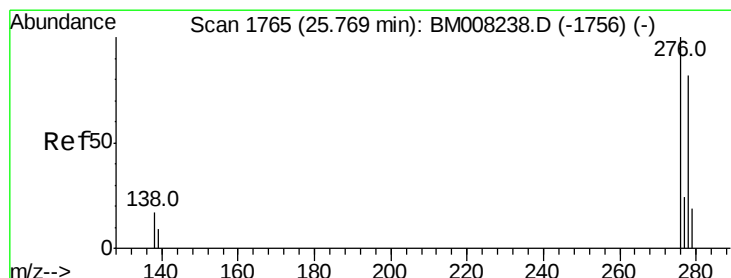
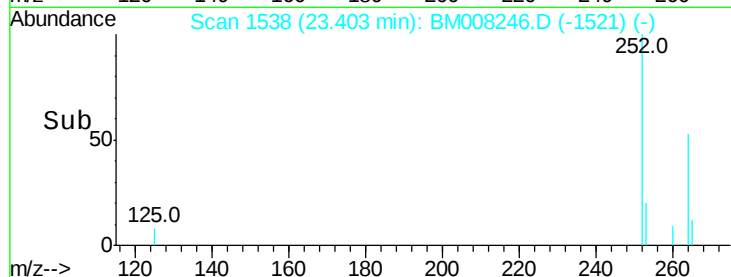
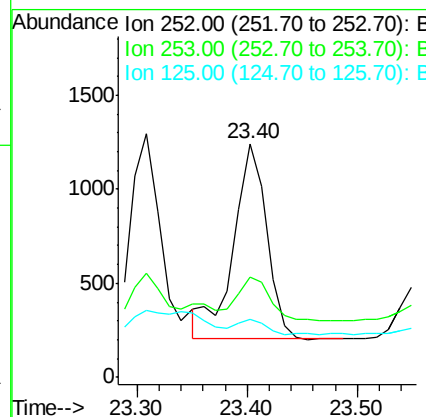
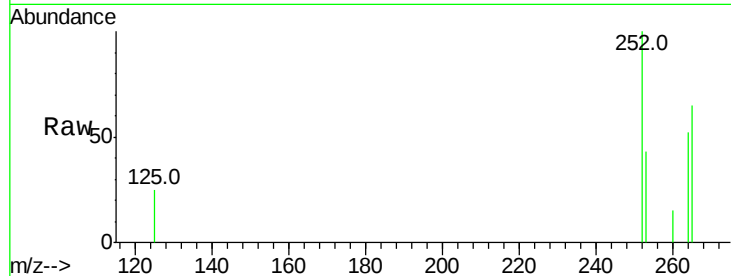
ClientSampleId :

DA819

Tot Ion	Ratio	Lower	Upper
252	100		
253	42.8	28.5	42.7#
125	24.9	18.1	27.1

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.15 ng/ul

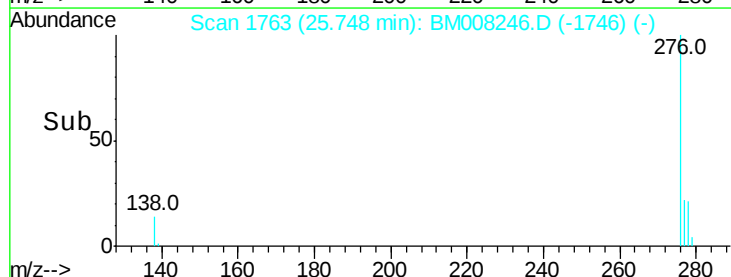
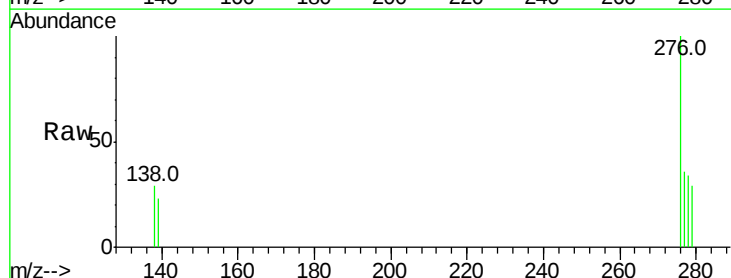
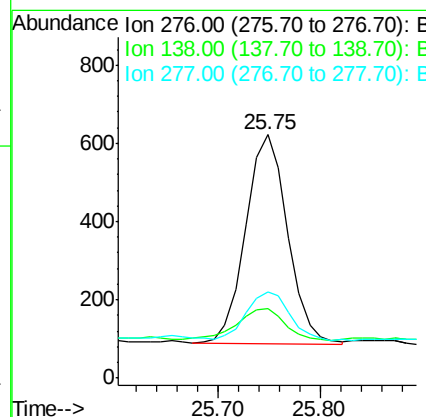
RT: 25.75 min Scan# 1763

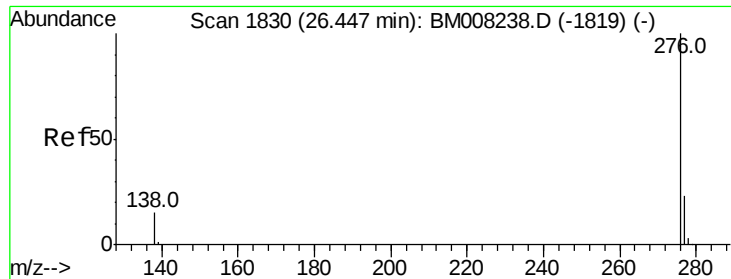
Delta R.T. -0.02 min

Lab File: BM008246.D

Acq: 10 Dec 2016 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	19.1	28.7#
277	24.1	19.6	29.4





#26
 Benzo(a,h,i)perylene
 Concen: 0.17 ng/ul
 RT: 26.44 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BM008246.D
 Acq: 10 Dec 2016 23:29

Instrument :
 BNA_M
 ClientSampleId :
 DA819

Tot Ion	Ratio	Lower	Upper
276	100		
277	35.4	21.8	32.8#
138	29.7	20.5	30.7

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:50:35 PM

