

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122316\
 Data File : BM008586.D
 Acq On : 23 Dec 2016 09:29
 Operator : UM/SJ
 Sample : H5970-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA846

Manual Integrations
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Quant Time: Dec 23 15:21:18 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	369	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1161	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.28	164	700	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1432m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1516	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	1190m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	447	0.25	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	878	0.22	ng/ul	-0.02
Target Compounds						Ovalue
3) Naphthalene	10.48	128	442	0.14	ng/ul#	67
5) 2-Methylnaphthalene	12.11	142	531	0.24	ng/ul	93
7) Acenaphthylene	14.01	152	657	0.21	ng/ul#	80
8) Acenaphthene	14.35	153	102	0.04	ng/ul#	82
9) Fluorene	15.34	166	162	0.06	ng/ul#	67
12) Phenanthrene	17.07	178	1140m	0.26	ng/ul	
13) Anthracene	17.18	178	1193m	0.28	ng/ul	
15) Fluoranthene	19.11	202	2695m	0.50	ng/ul	
17) Pyrene	19.47	202	4702	0.80	ng/ul	98
18) Benzo(a)anthracene	21.23	228	4071	0.82	ng/ul	96
19) Chrysene	21.28	228	3842m	0.70	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	8393m	1.79	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	2158m	0.47	ng/ul	
23) Benzo(a)pyrene	23.37	252	4964m	1.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	3450m	0.67	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	964m	0.23	ng/ul	
26) Benzo(a,h,i)perylene	26.40	276	2898m	0.65	ng/ul	

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

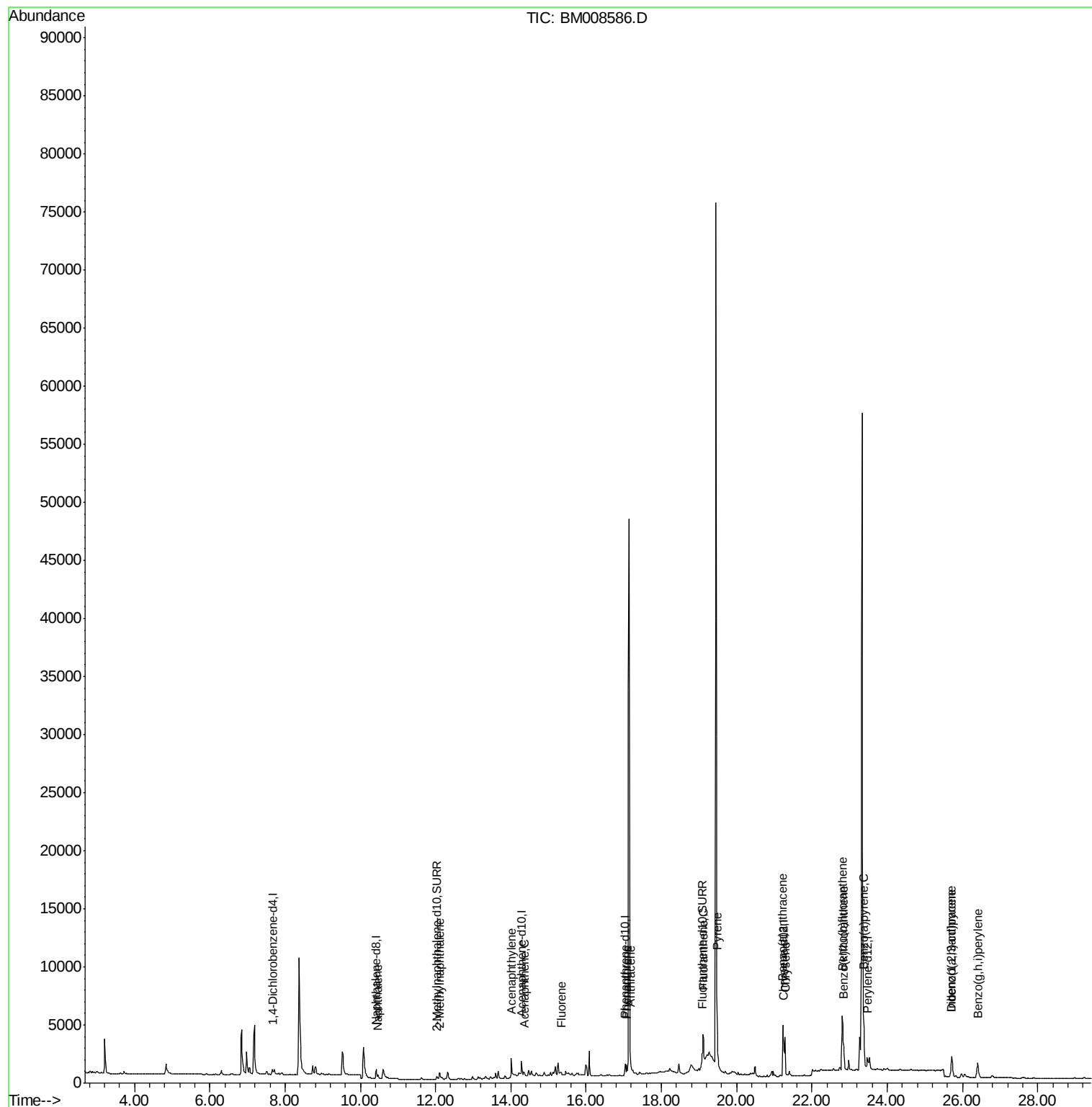
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122316\
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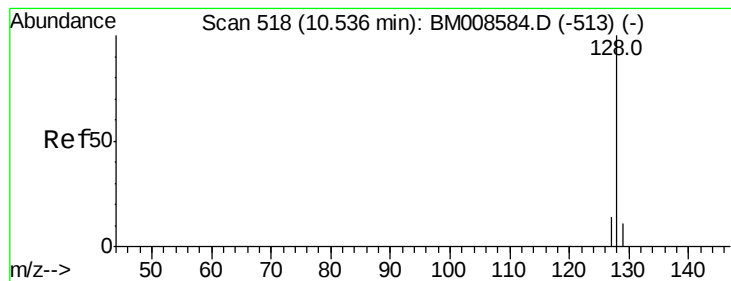
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#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008586.D

Acq: 23 Dec 2016 09:29

Instrument :

BNA_M

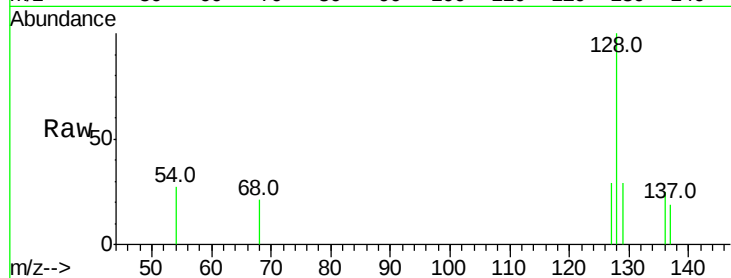
ClientSampleId :

DA846

Tot Ion	Ratio	Lower	Upper
128	100		
129	29.0	11.3	16.9#
127	29.0	12.8	19.2#

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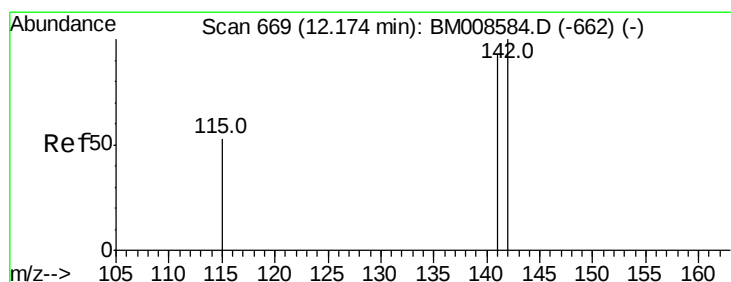
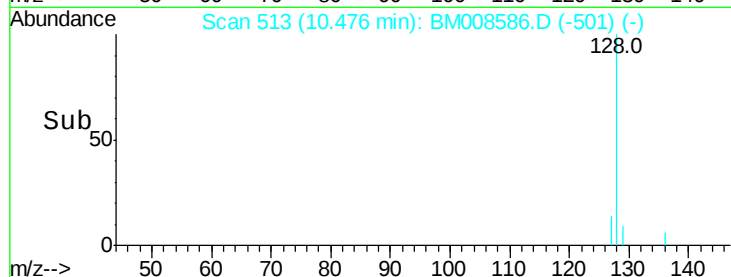
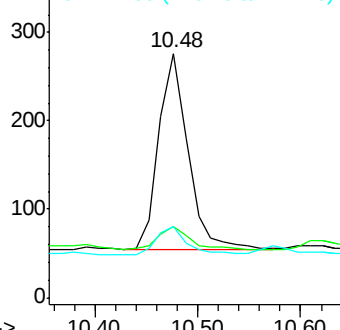
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.24 ng/ul

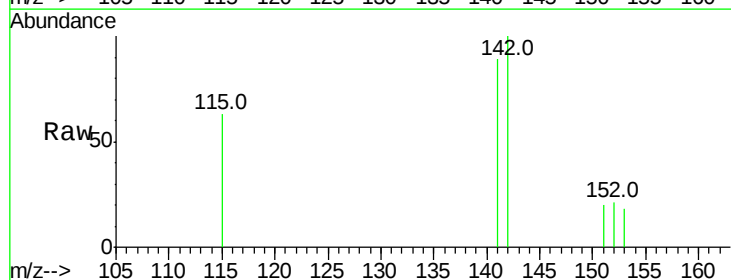
RT: 12.11 min Scan# 663

Delta R.T. -0.06 min

Lab File: BM008586.D

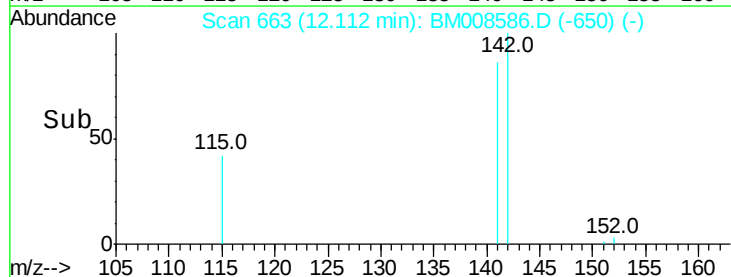
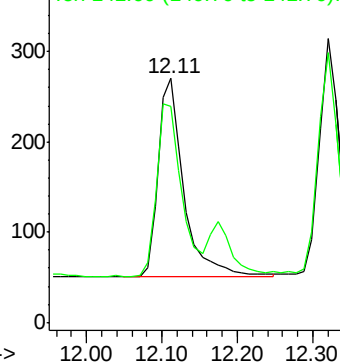
Acq: 23 Dec 2016 09:29

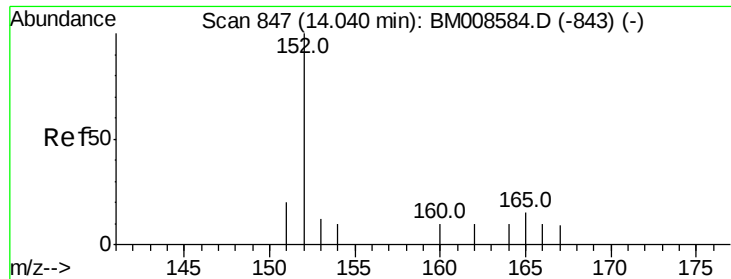
Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.21 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008586.D

Acq: 23 Dec 2016 09:29

Instrument :

BNA_M

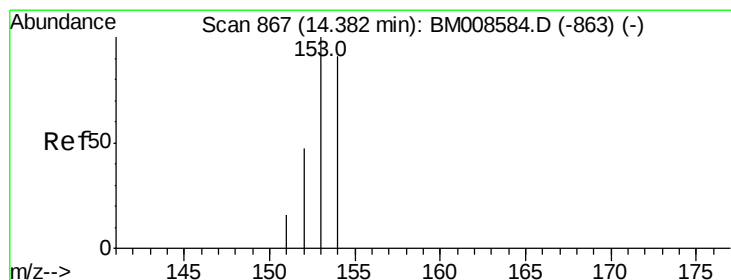
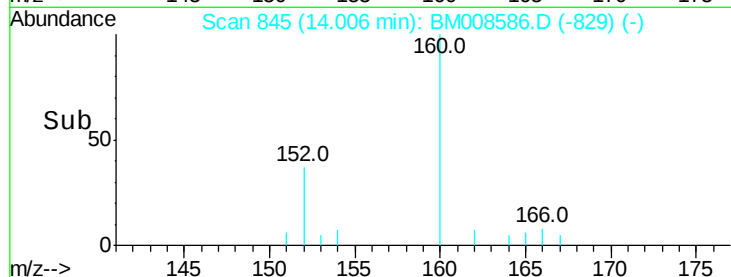
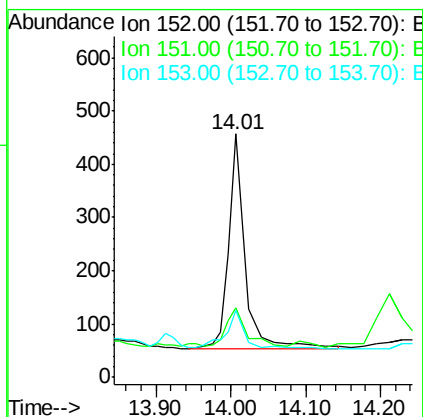
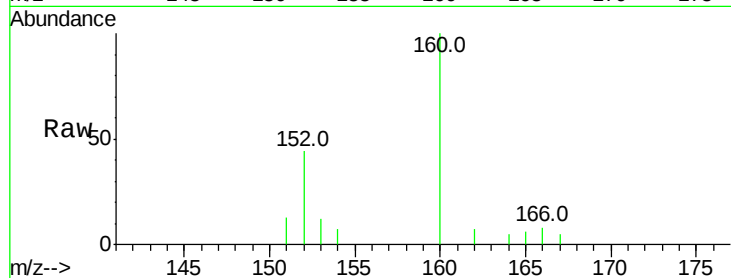
ClientSampleId :

DA846

Tot Ion:	152	Resp:	657
Ion Ratio	Lower	Upper	
152	100		
151	28.7	17.1	25.7#
153	27.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.04 ng/ul

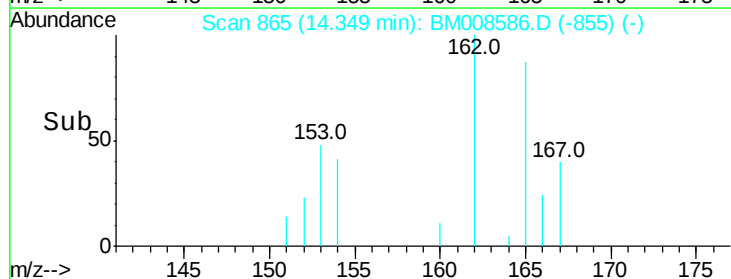
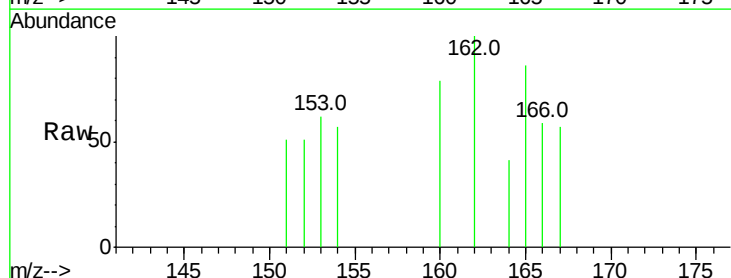
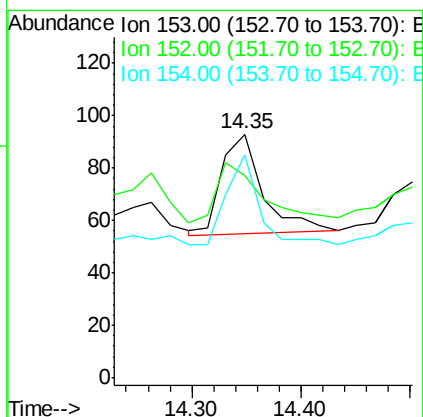
RT: 14.35 min Scan# 865

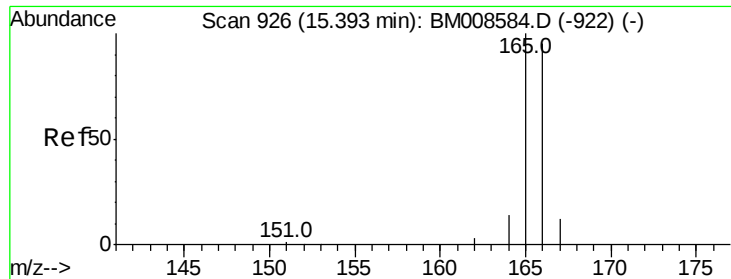
Delta R.T. -0.03 min

Lab File: BM008586.D

Acq: 23 Dec 2016 09:29

Tgt Ion:	153	Resp:	102
Ion Ratio	Lower	Upper	
153	100		
152	82.8	40.3	60.5#
154	91.4	71.4	107.2





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.05 min

Lab File: BM008586.D

Acq: 23 Dec 2016 09:29

Instrument :

BNA_M

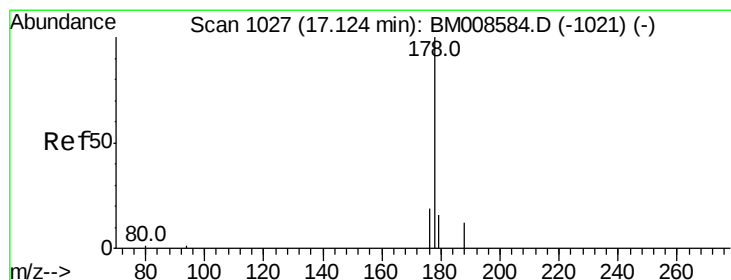
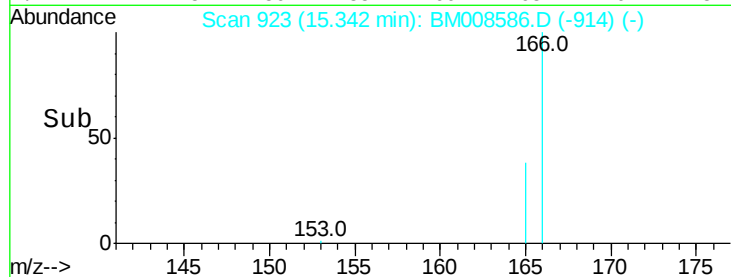
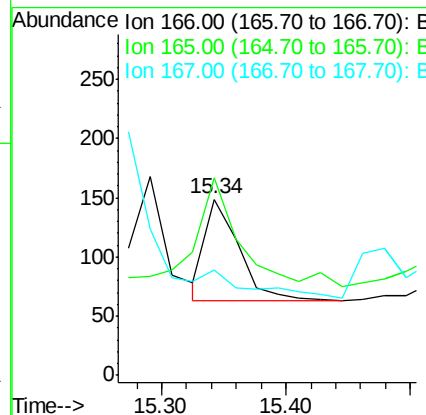
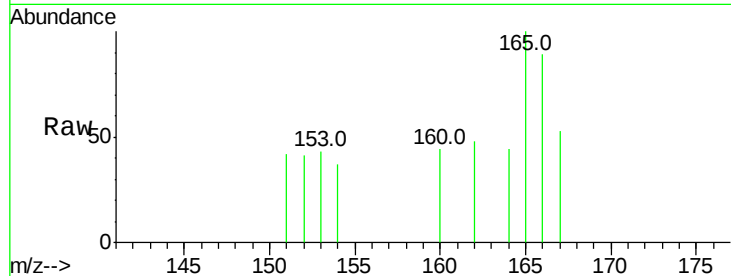
ClientSampleId :

DA846

Tot Ion:	166	Resp:	162
Ion Ratio	Lower	Upper	
166	100		
165	112.1	73.4	110.2#
167	59.7	14.6	22.0#

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#12

Phenanthrene

Concen: 0.26 ng/ul m

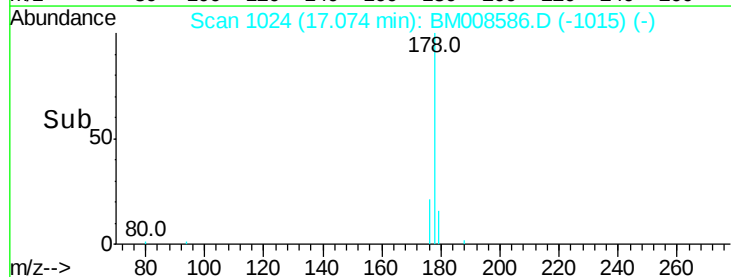
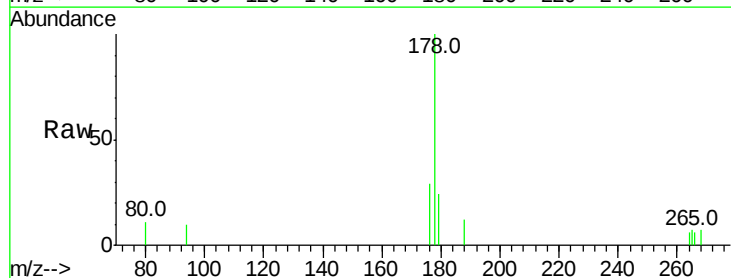
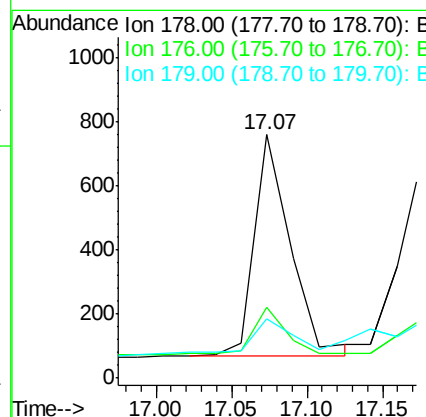
RT: 17.07 min Scan# 1024

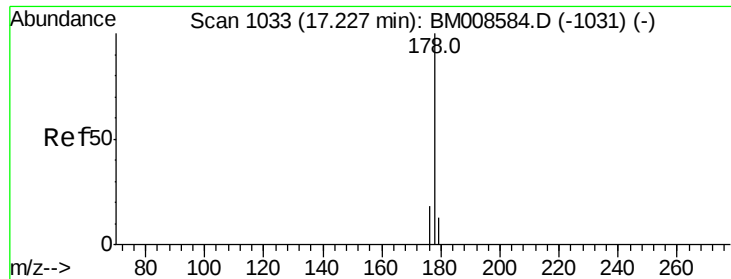
Delta R.T. -0.05 min

Lab File: BM008586.D

Acq: 23 Dec 2016 09:29

Tgt Ion:	178	Resp:	1140
Ion Ratio	Lower	Upper	
178	100		
176	28.9	18.4	27.6#
179	24.2	13.6	20.4#





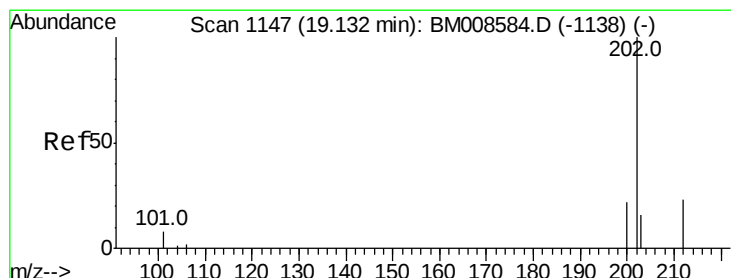
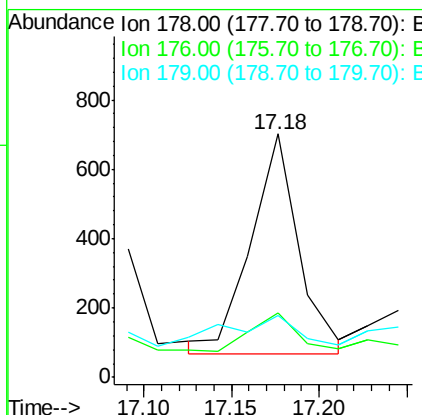
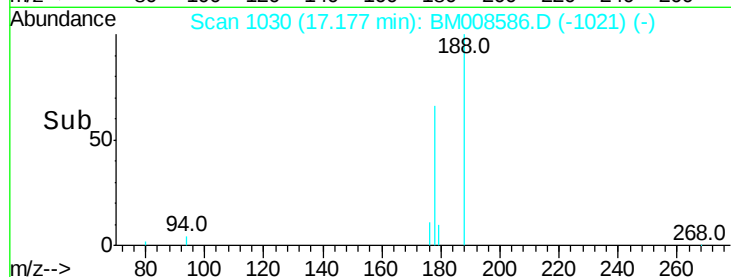
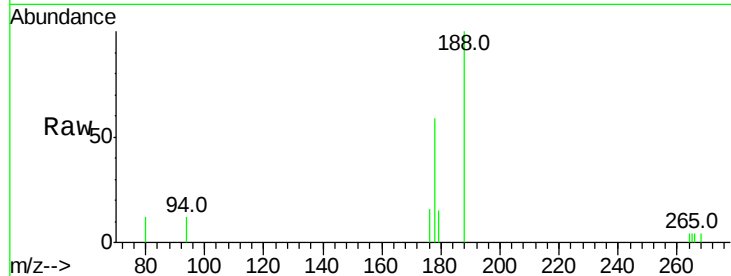
#13
 Anthracene
 Concen: 0.28 ng/ul m
 RT: 17.18 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BM008586.D
 Acq: 23 Dec 2016 09:29

Instrument :
 BNA_M
 ClientSampleId :
 DA846

Tot Ion:178 Resp: 1193
 Ion Ratio Lower Upper
 178 100
 176 26.5 18.1 27.1
 179 25.4 14.7 22.1#

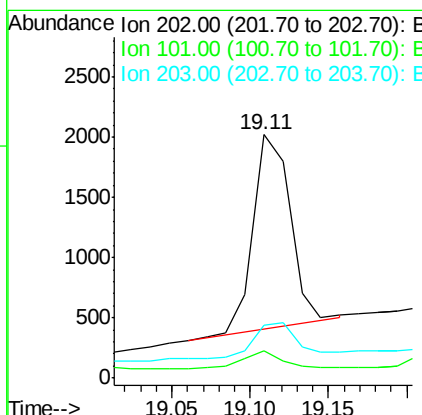
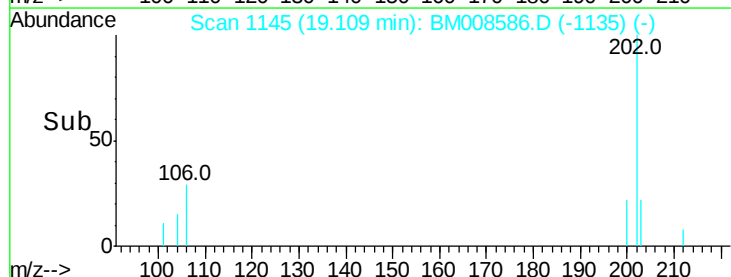
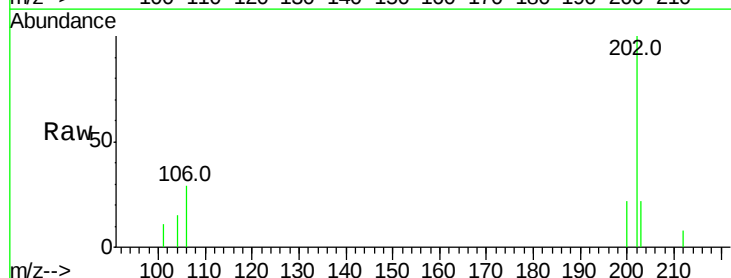
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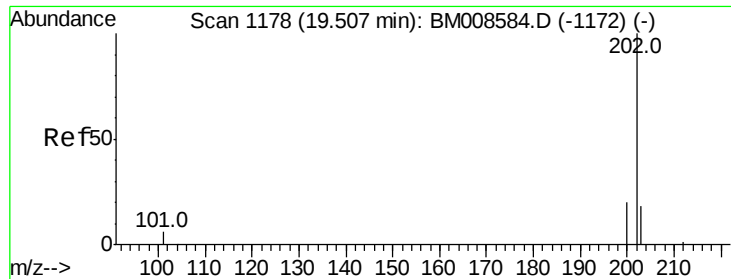
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#15
 Fluoranthene
 Concen: 0.50 ng/ul m
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BM008586.D
 Acq: 23 Dec 2016 09:29

Tgt Ion:202 Resp: 2695
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.3
 203 22.0 0.0 39.5





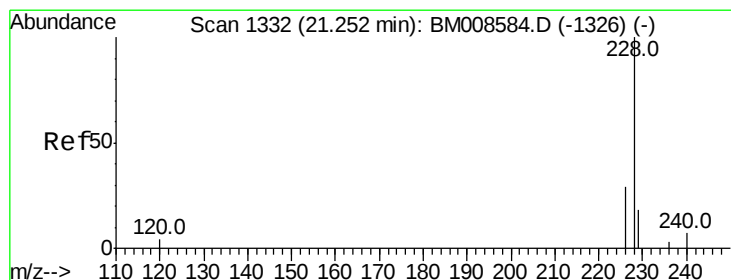
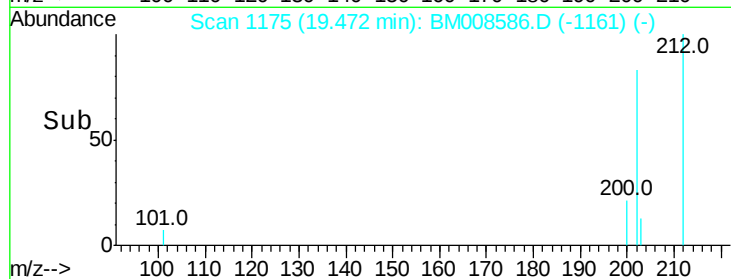
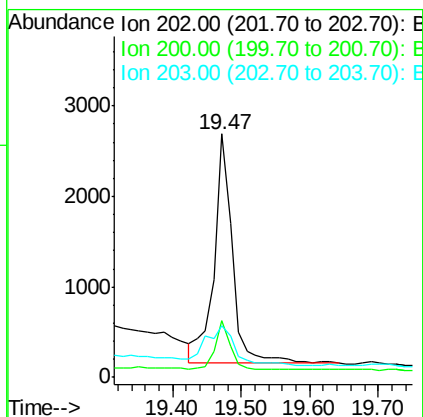
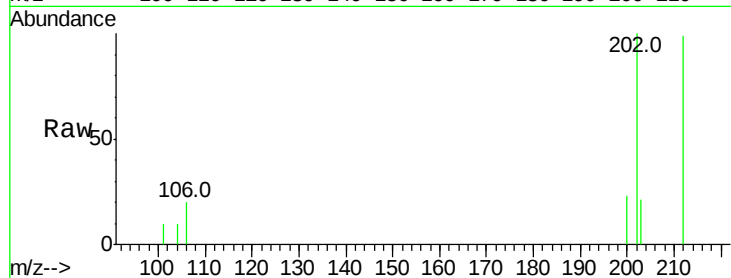
#17
Pvrene
Concen: 0.80 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008586.D
Acq: 23 Dec 2016 09:29

Instrument :
BNA_M
ClientSampleId :
DA846

Tot Ion:	202	Resp:	4702
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.2	27.4
203	21.4	15.6	23.4

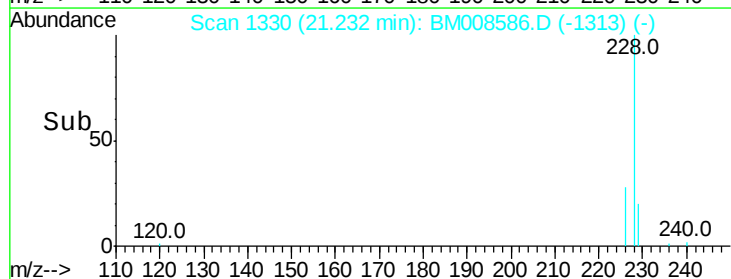
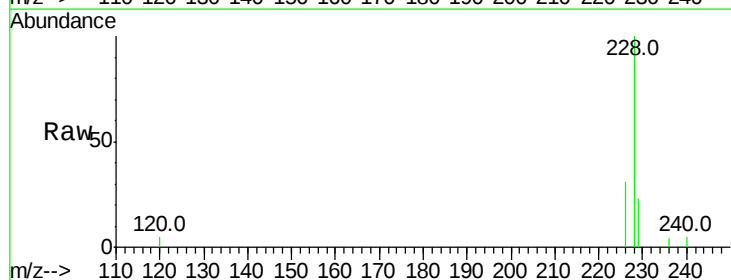
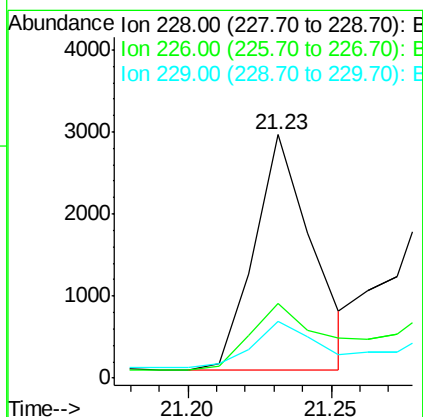
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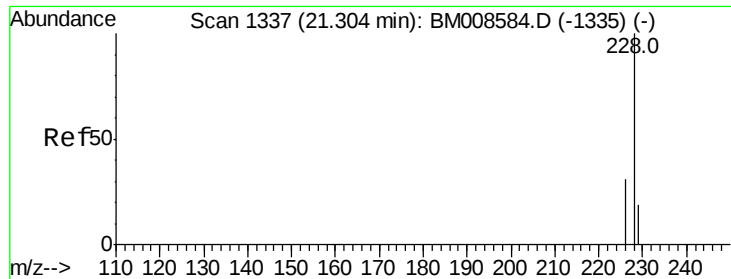
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#18
Benzo(a)anthracene
Concen: 0.82 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BM008586.D
Acq: 23 Dec 2016 09:29

Tgt Ion:	228	Resp:	4071
Ion Ratio	Lower	Upper	
228	100		
226	30.6	22.8	34.2
229	23.2	17.0	25.6





#19

Chrysene

Concen: 0.70 ng/ul m

RT: 21.28 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008586.D

Acq: 23 Dec 2016 09:29

Instrument :

BNA_M

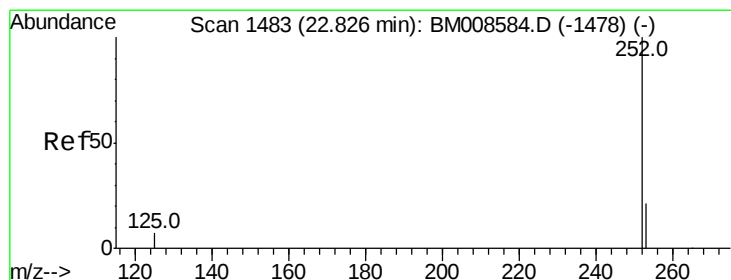
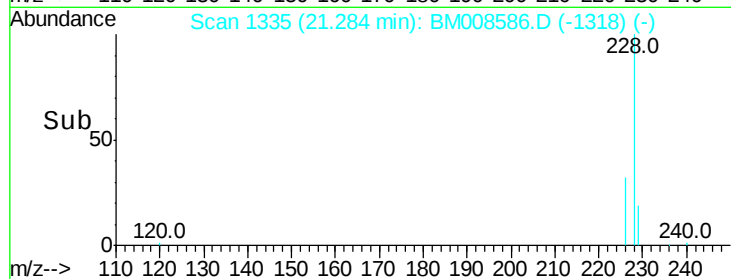
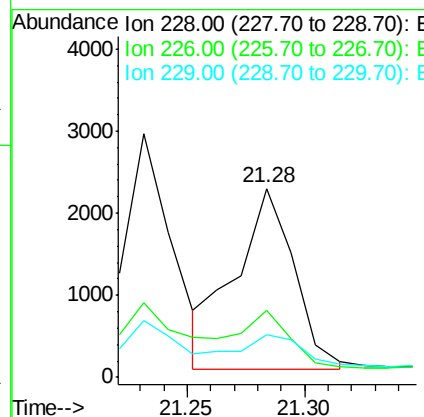
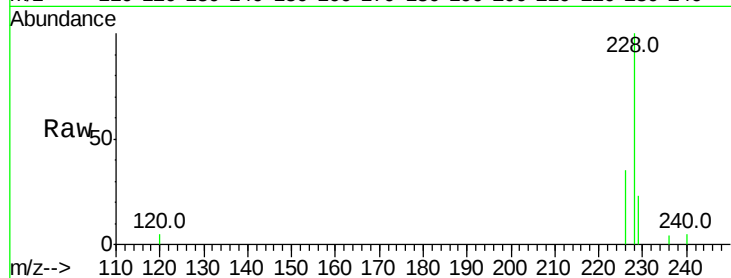
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
228	100		
226	35.4	23.4	35.0
229	22.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.79 ng/ul m

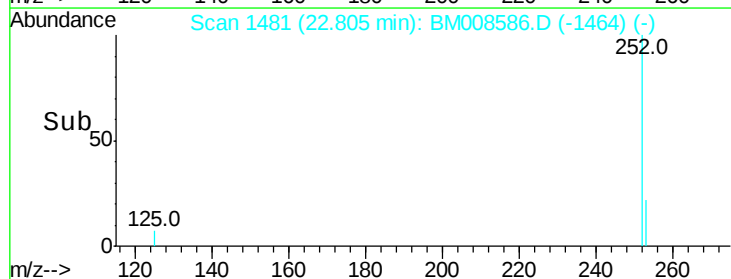
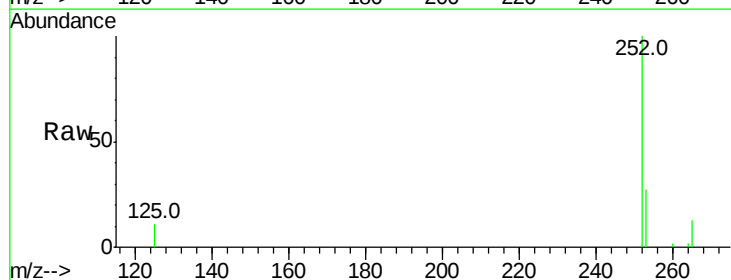
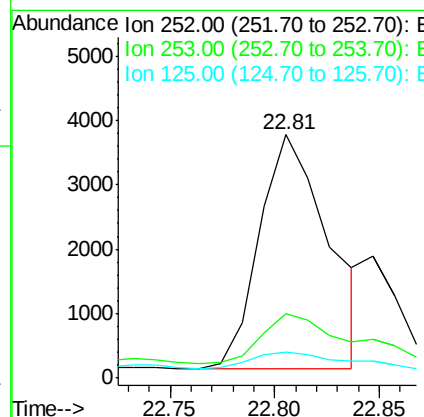
RT: 22.81 min Scan# 1481

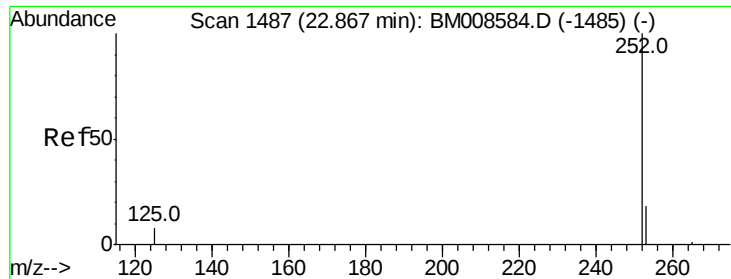
Delta R.T. -0.02 min

Lab File: BM008586.D

Acq: 23 Dec 2016 09:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	64.2
125	10.9	0.0	35.0





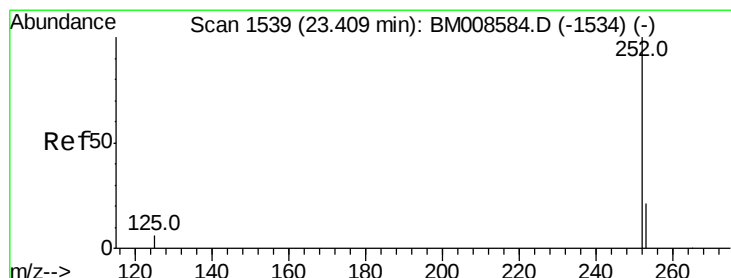
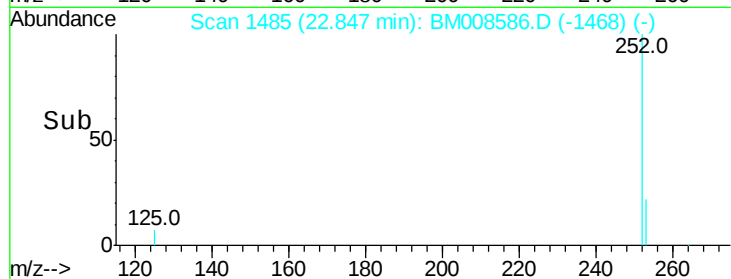
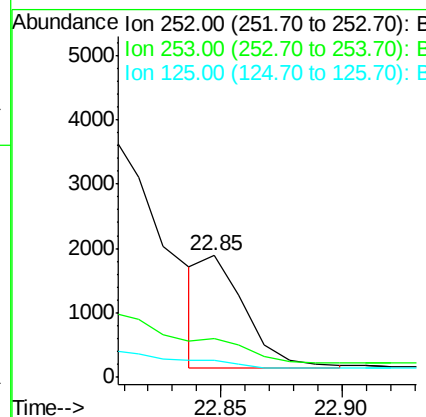
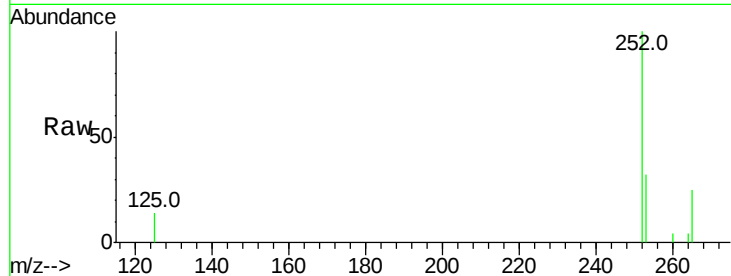
#22
Benzo(k)fluoranthene
Concen: 0.47 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BM008586.D
Acq: 23 Dec 2016 09:29

Instrument :
BNA_M
ClientSampleId :
DA846

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.6	24.5	36.7
125	13.6	13.7	20.5#

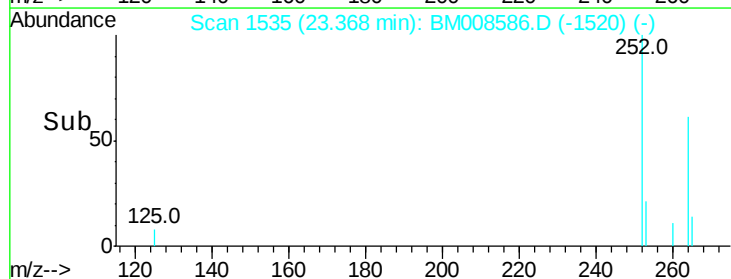
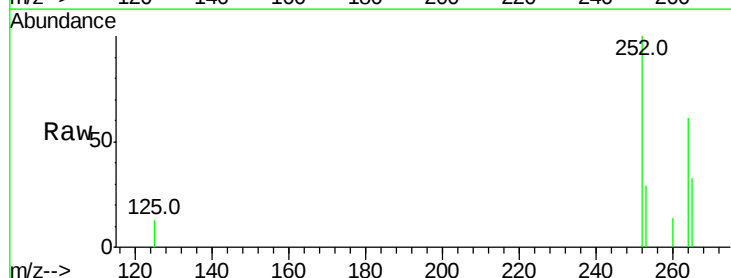
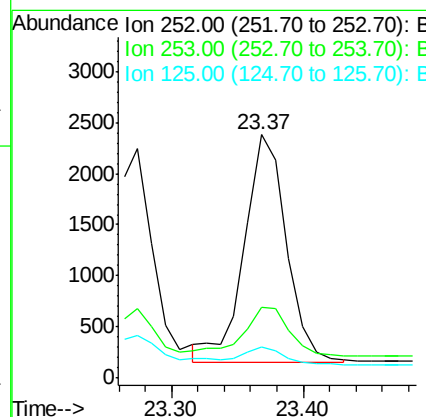
Manual Integrations
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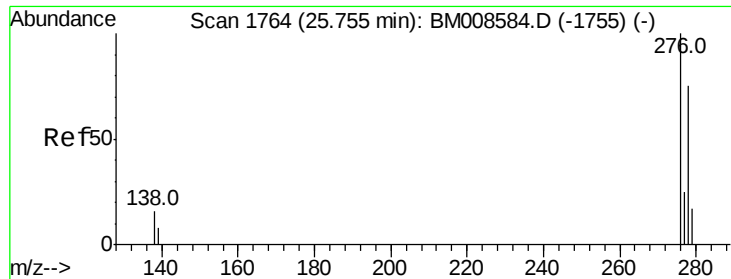
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#23
Benzo(a)pyrene
Concen: 1.14 ng/ul m
RT: 23.37 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BM008586.D
Acq: 23 Dec 2016 09:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	28.5	42.7
125	13.1	18.1	27.1#





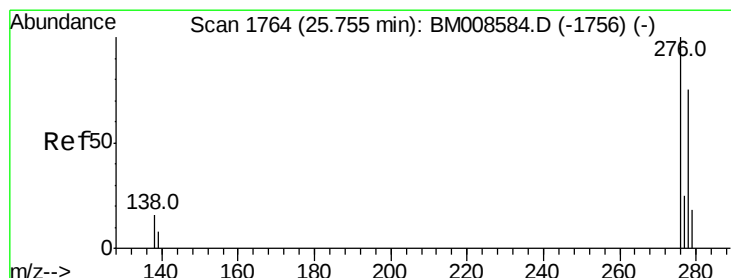
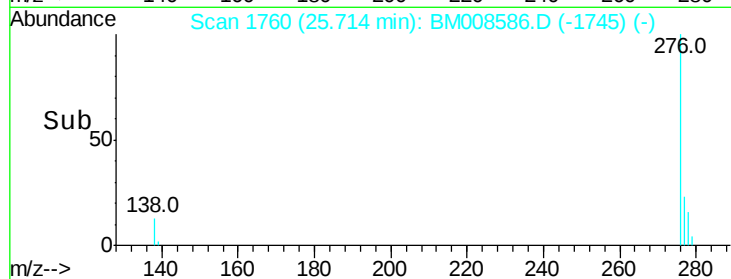
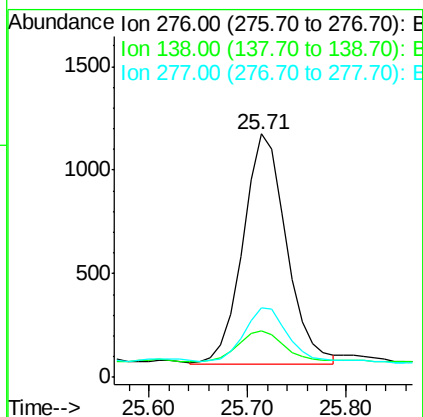
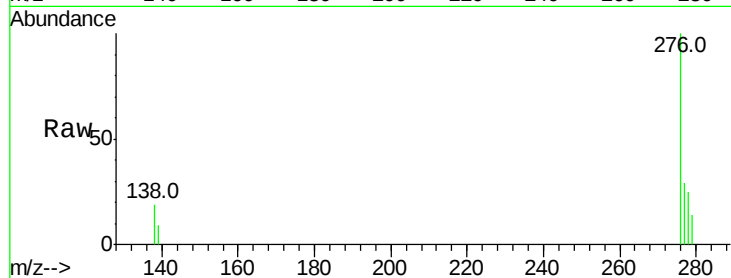
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.67 ng/ul m
RT: 25.71 min Scan# 1760
Delta R.T. -0.04 min
Lab File: BM008586.D
Acq: 23 Dec 2016 09:29

Instrument :
BNA_M
ClientSampleId :
DA846

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

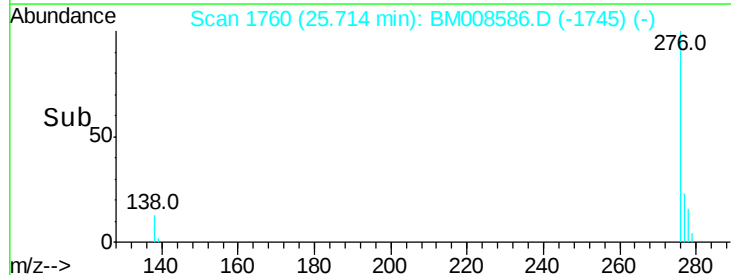
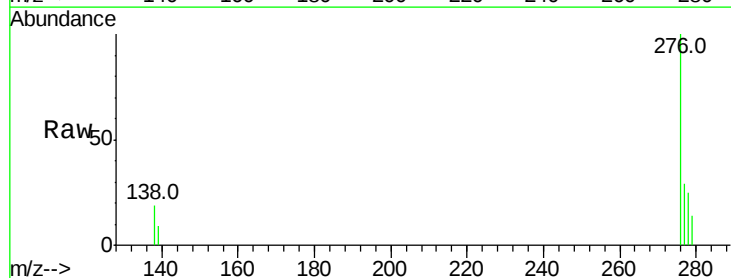
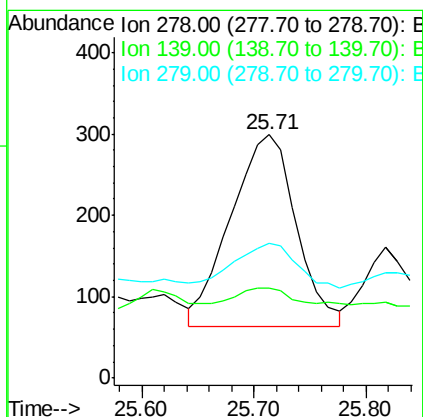
Manual Integrations
APPROVED

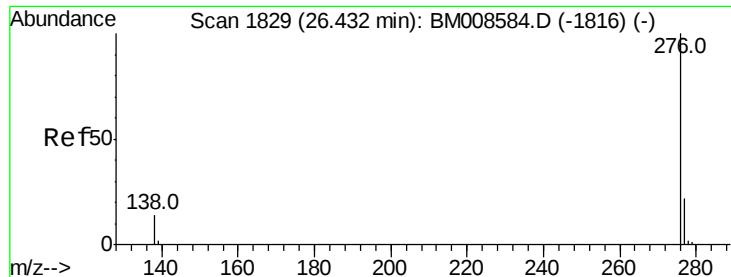
sohil
12/26/2016 4:02:45 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.23 ng/ul m
RT: 25.71 min Scan# 1760
Delta R.T. -0.04 min
Lab File: BM008586.D
Acq: 23 Dec 2016 09:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.8	17.4	26.0#
279	55.2	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.65 ng/ul m

RT: 26.40 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BM008586.D

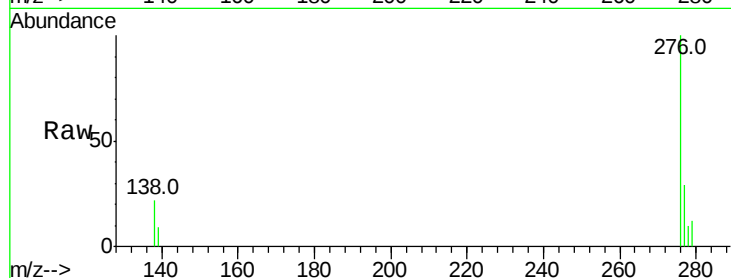
Acq: 23 Dec 2016 09:29

Instrument :

BNA_M

ClientSampleId :

DA846



Tot Ion: 276 Resp: 2898

Ion Ratio Lower Upper

276 100

277 29.3 21.8 32.8

138 21.8 20.5 30.7

Manual Integrations

APPROVED

sohil

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