

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008465.D
 Acq On : 20 Dec 2016 05:23
 Operator : UM/SJ
 Sample : H5938-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA829

Manual Integrations
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Quant Time: Dec 20 13:40:21 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	463	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1685	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	1082	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	2103m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1881	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	1423m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	718	0.28	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1791m	0.31	ng/ul	-0.03
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	2213	0.47	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	2356	0.74	ng/ul	99
8) Acenaphthene	14.35	153	213	0.06	ng/ul#	87
9) Fluorene	15.34	166	367	0.09	ng/ul#	57
12) Phenanthrene	17.07	178	3546	0.55	ng/ul	94
13) Anthracene	17.18	178	777m	0.12	ng/ul	
15) Fluoranthene	19.11	202	3111	0.40	ng/ul	91
17) Pyrene	19.47	202	3729	0.51	ng/ul	92
18) Benzo(a)anthracene	21.23	228	2091	0.34	ng/ul#	82
19) Chrysene	21.28	228	2209	0.33	ng/ul#	83
21) Benzo(b)fluoranthene	22.80	252	4014m	0.72	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	914m	0.17	ng/ul	
23) Benzo(a)pyrene	23.37	252	1862m	0.36	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.70	276	1410m	0.23	ng/ul	
26) Benzo(g,h,i)perylene	26.39	276	1450m	0.27	ng/ul	

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

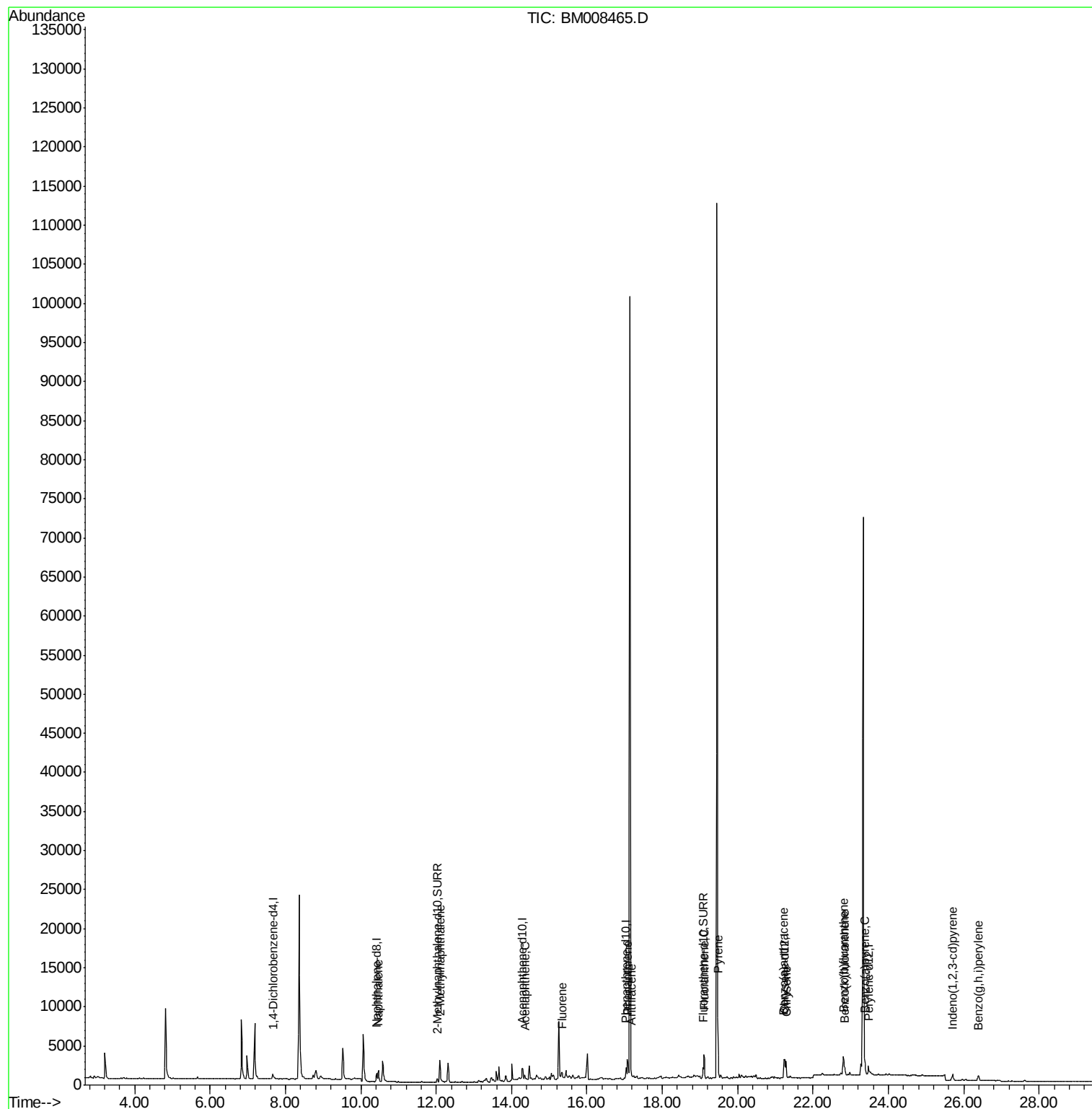
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
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ALS Vial : 26 Sample Multiplier: 1

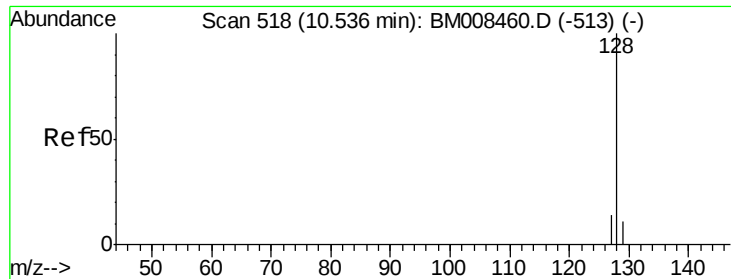
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Tue Dec 20 04:48:59 2016
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#3

Naphthalene

Concen: 0.47 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Instrument :

BNA_M

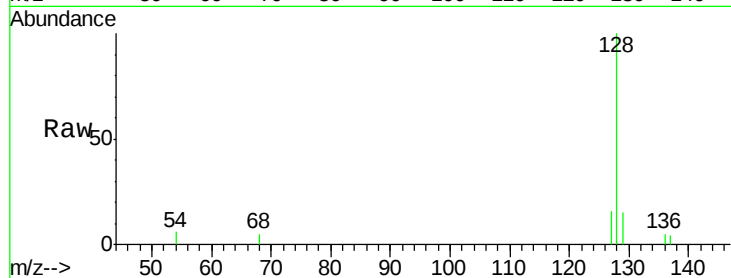
ClientSampleId :

DA829

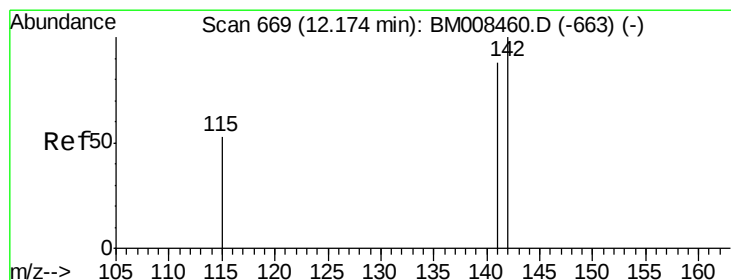
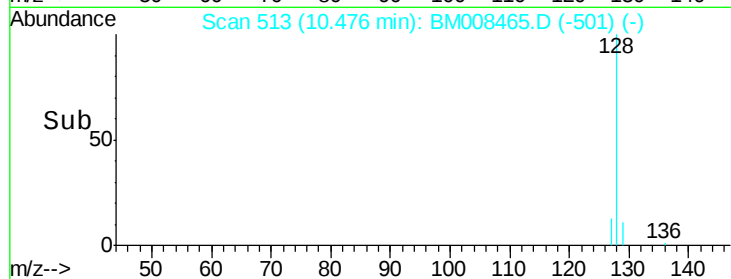
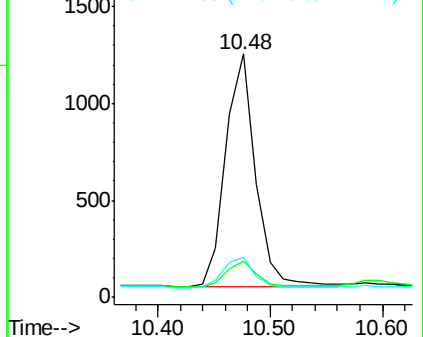
Tot Ion:	128	Resp:	2213
Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.3	16.9
127	16.3	12.8	19.2

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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: 0.74 ng/ul

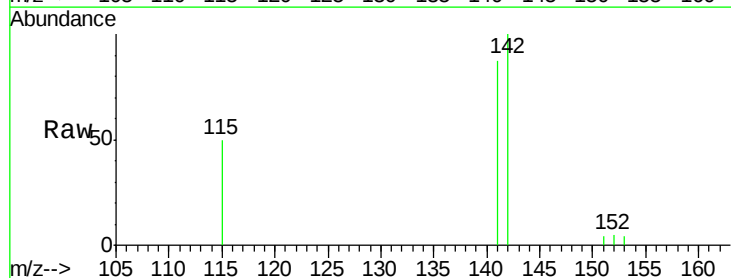
RT: 12.10 min Scan# 662

Delta R.T. -0.07 min

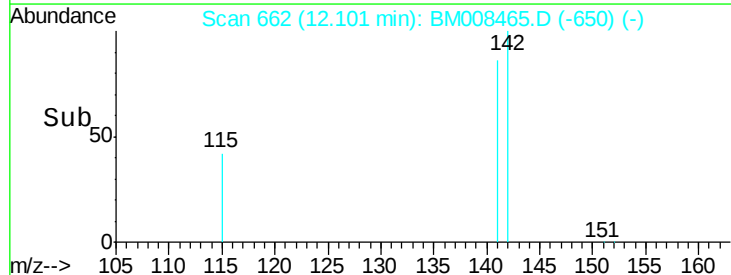
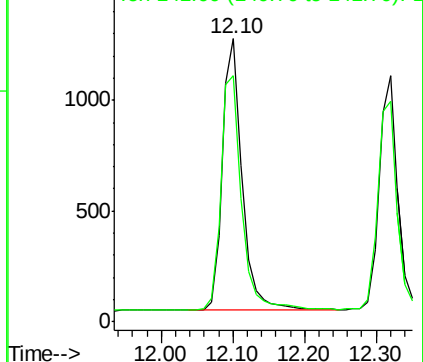
Lab File: BM008465.D

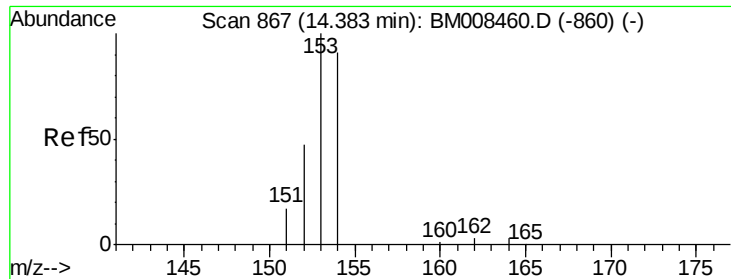
Acq: 20 Dec 2016 05:23

Tgt Ion:	142	Resp:	2356
Ion	Ratio	Lower	Upper
142	100		
141	91.5	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: 0.06 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Instrument :

BNA_M

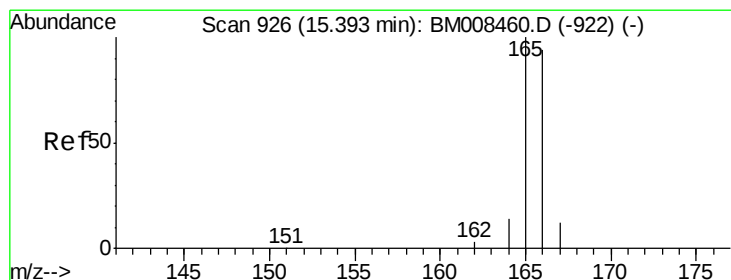
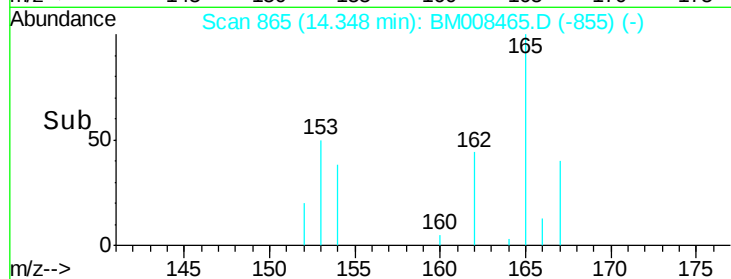
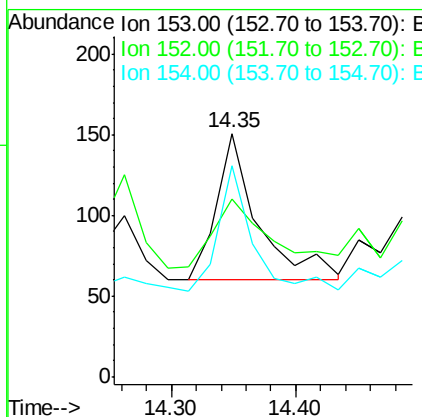
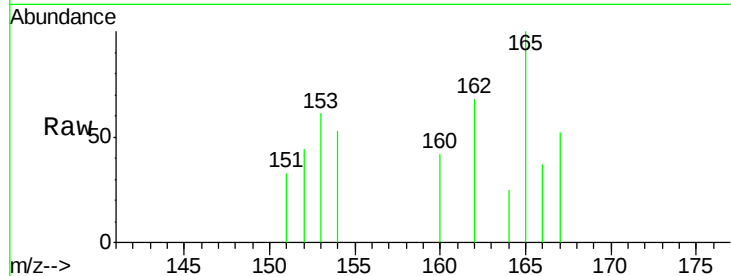
ClientSampleId :

DA829

Tot Ion:	153	Resp:	213
Ion	Ratio	Lower	Upper
153	100		
152	72.8	40.3	60.5#
154	86.8	71.4	107.2

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#9

Fluorene

Concen: 0.09 ng/ul

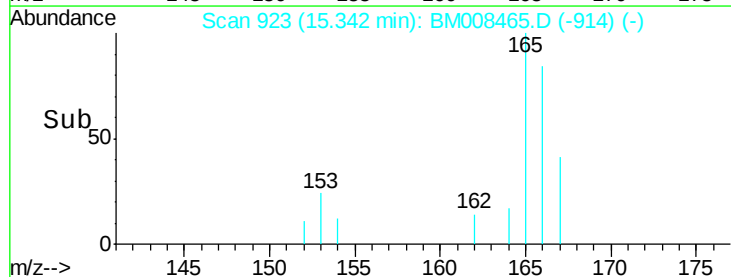
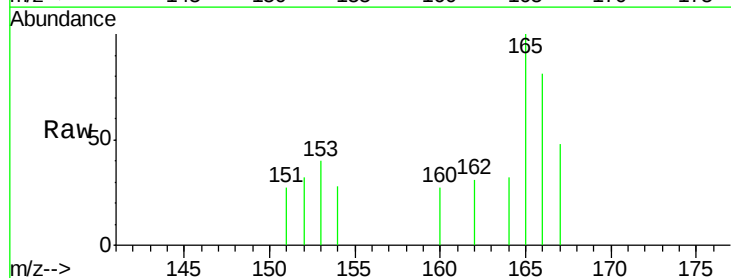
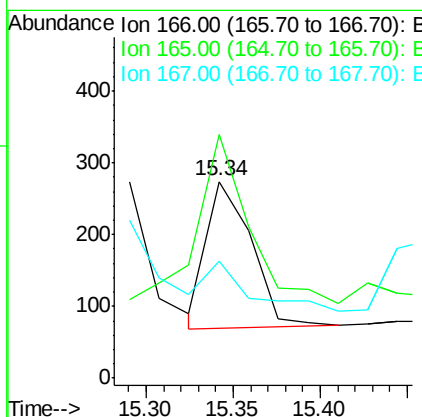
RT: 15.34 min Scan# 923

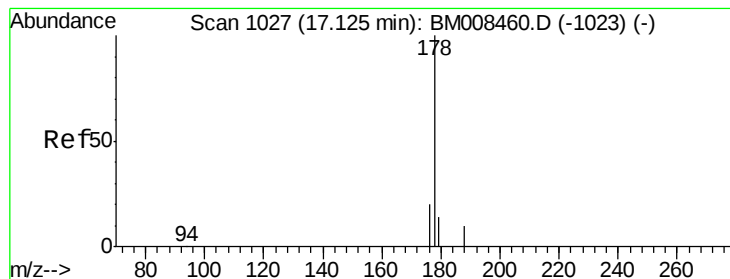
Delta R.T. -0.05 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Tgt Ion:	166	Resp:	367
Ion	Ratio	Lower	Upper
166	100		
165	123.7	73.4	110.2#
167	59.5	14.6	22.0#





#12

Phenanthrene

Concen: 0.55 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Instrument :

BNA_M

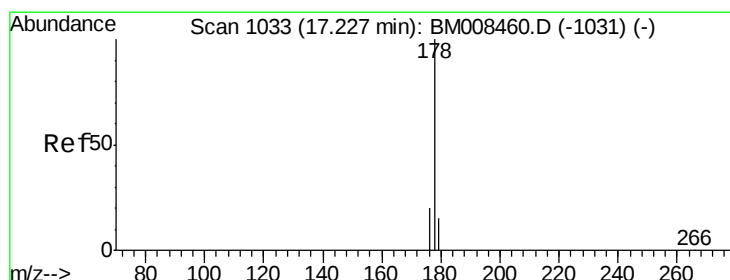
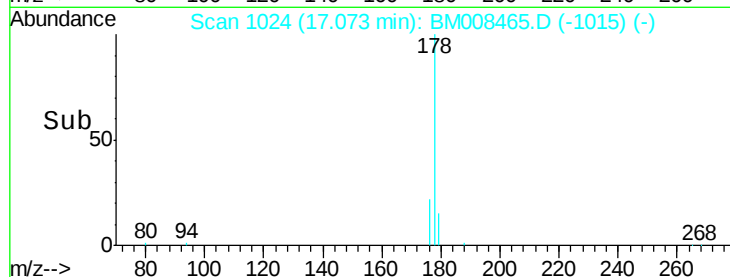
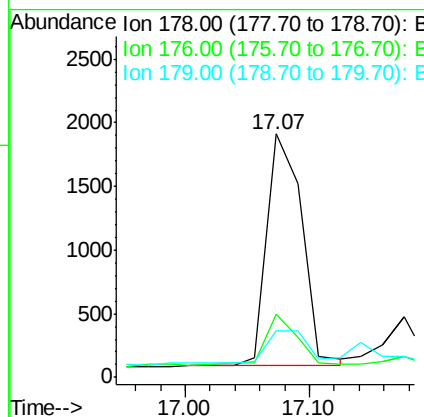
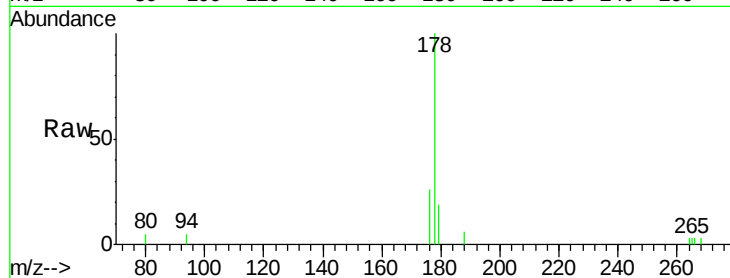
ClientSampleId :

DA829

Tot Ion:	178	Resp:	3546
Ion	Ratio	Lower	Upper
178	100		
176	26.1	18.4	27.6
179	19.1	13.6	20.4

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#13

Anthracene

Concen: 0.12 ng/ul m

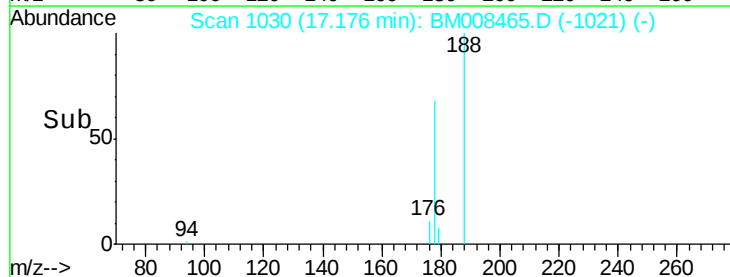
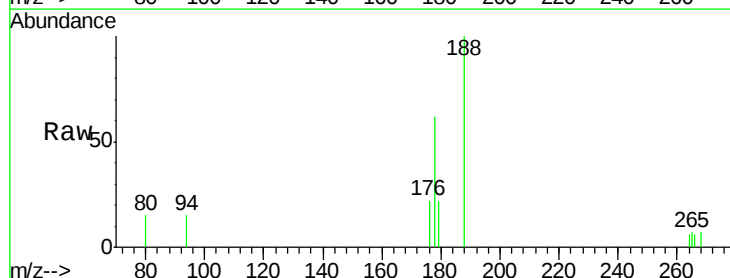
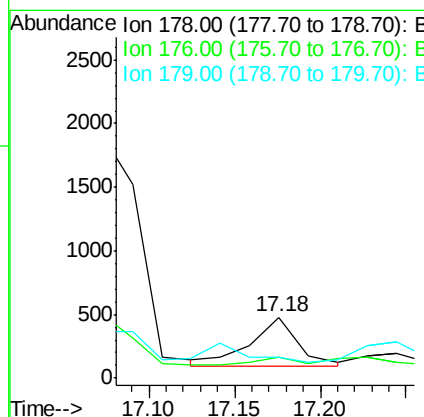
RT: 17.18 min Scan# 1030

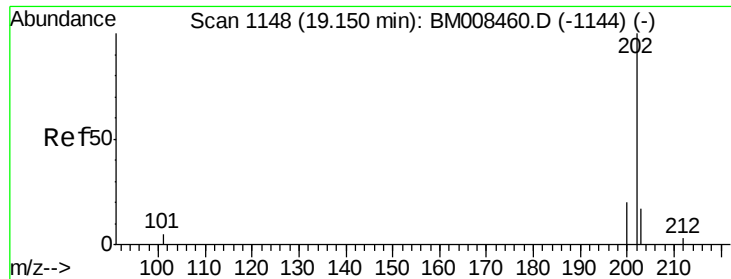
Delta R.T. -0.05 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Tgt Ion:	178	Resp:	777
Ion	Ratio	Lower	Upper
178	100		
176	34.5	18.1	27.1#
179	34.5	14.7	22.1#





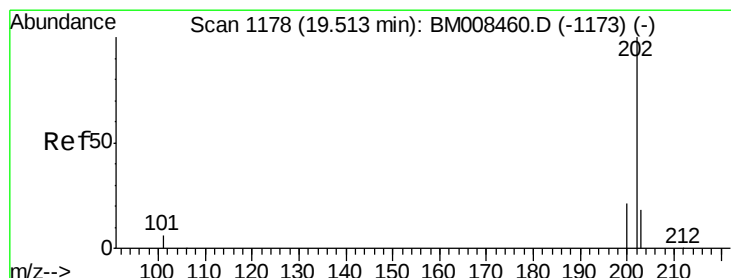
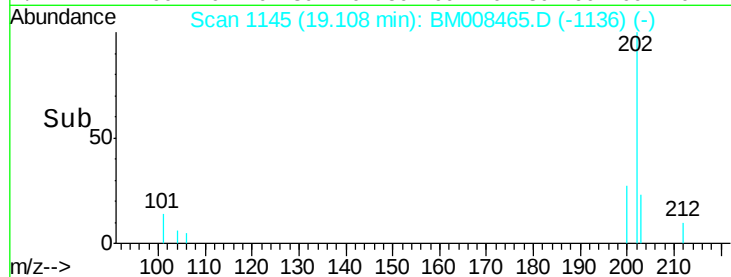
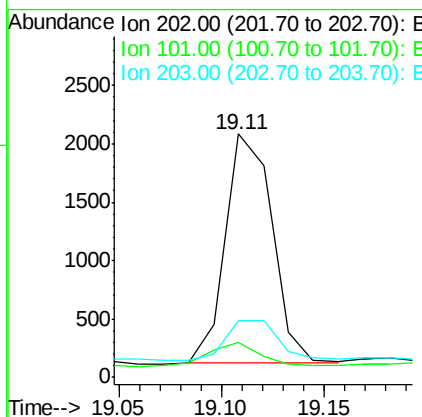
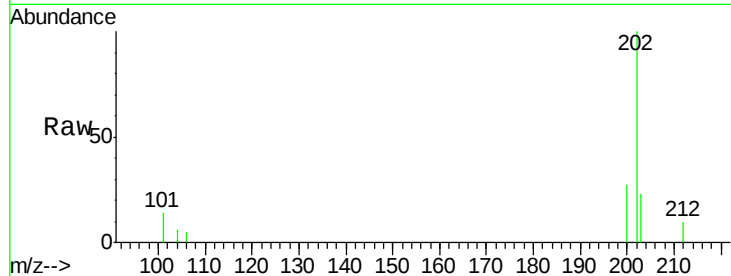
#15
Fluoranthene
 Concen: 0.40 ng/ul
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.04 min
 Lab File: BM008465.D
 Acq: 20 Dec 2016 05:23

Instrument :
 BNA_M
 ClientSampleId :
 DA829

Tot Ion:	202	Resp:	3111
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	30.3
203	23.2	0.0	39.5

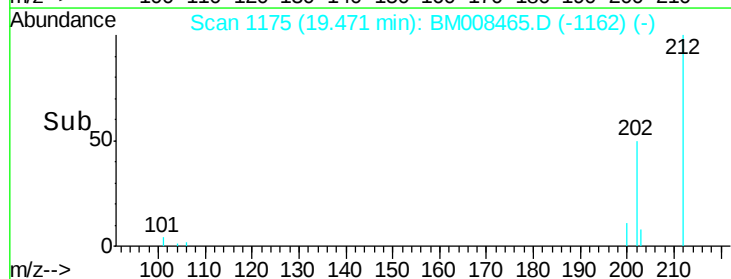
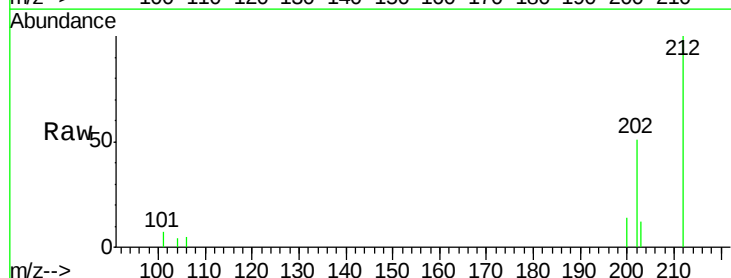
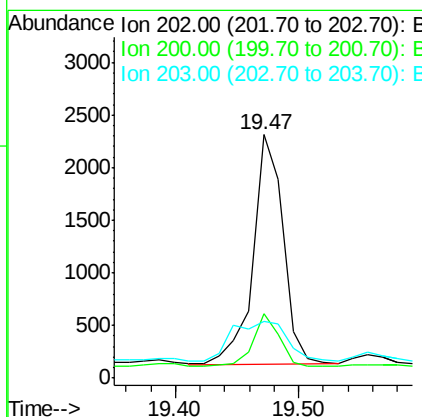
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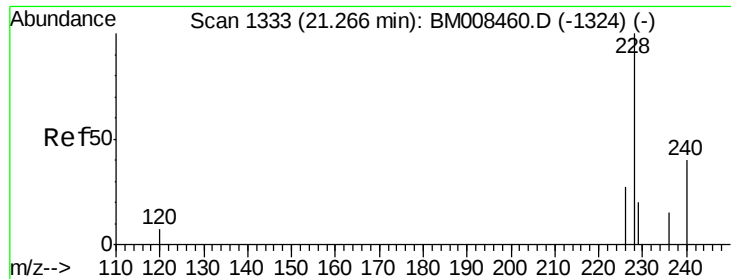
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#17
Pyrene
 Concen: 0.51 ng/ul
 RT: 19.47 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: BM008465.D
 Acq: 20 Dec 2016 05:23

Tgt Ion:	202	Resp:	3729
Ion Ratio	Lower	Upper	
202	100		
200	26.4	18.2	27.4
203	23.2	15.6	23.4





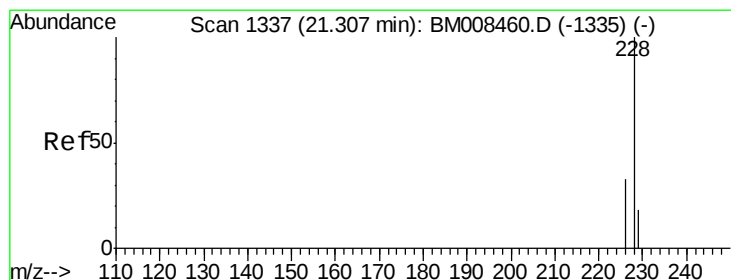
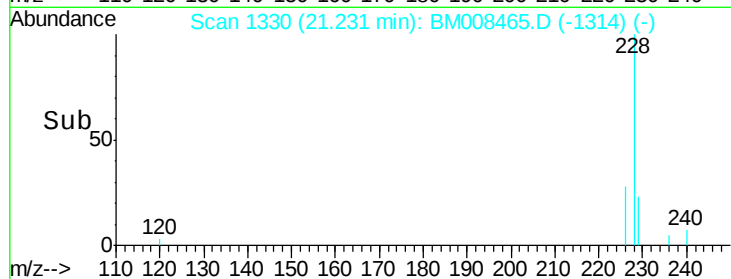
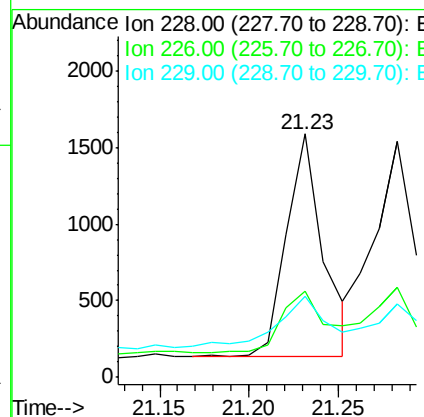
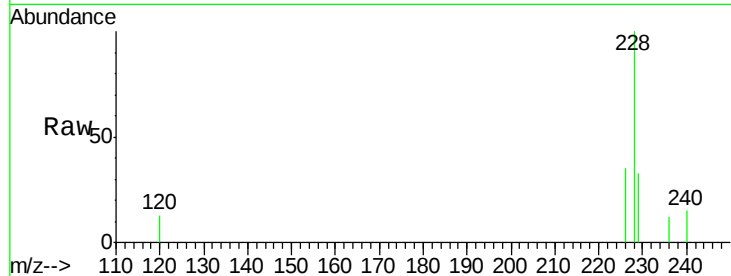
#18
Benzo(a)anthracene
Concen: 0.34 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BM008465.D
Acq: 20 Dec 2016 05:23

Instrument :
BNA_M
ClientSampleId :
DA829

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.4	22.8	34.2#
229	33.2	17.0	25.6#

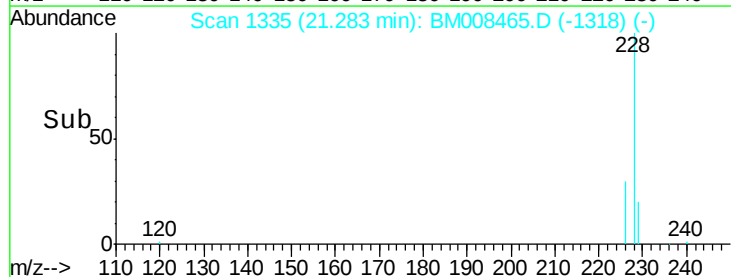
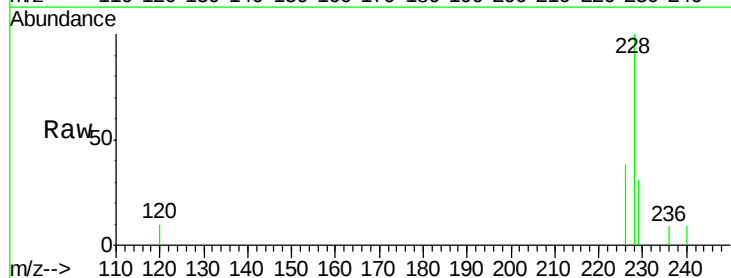
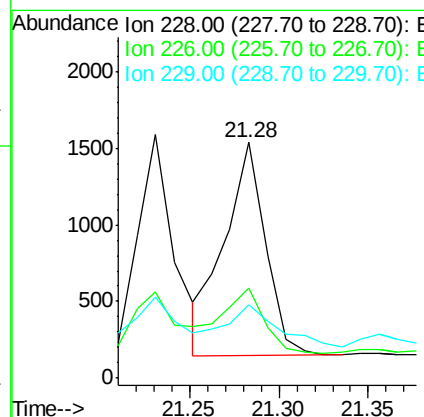
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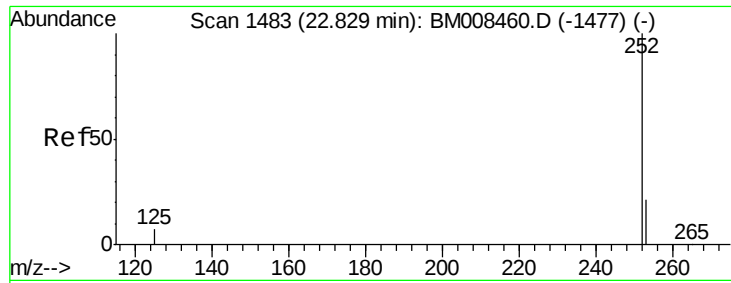
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#19
Chrysene
Concen: 0.33 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008465.D
Acq: 20 Dec 2016 05:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.0	23.4	35.0#
229	31.0	17.7	26.5#





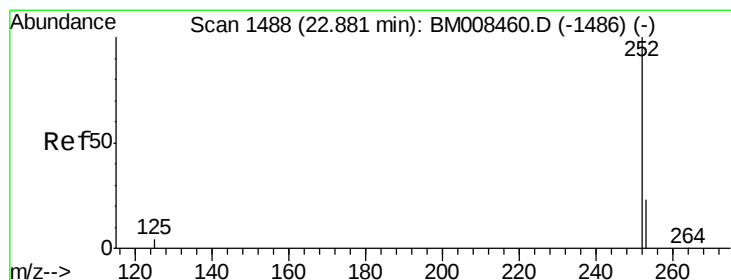
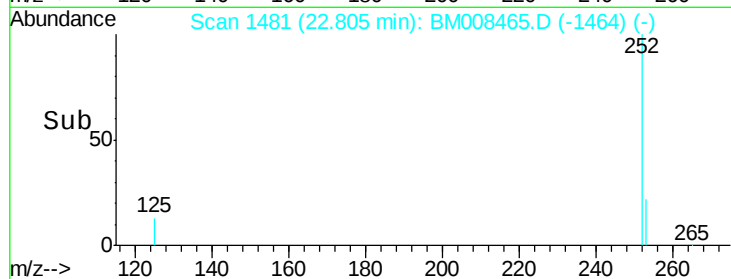
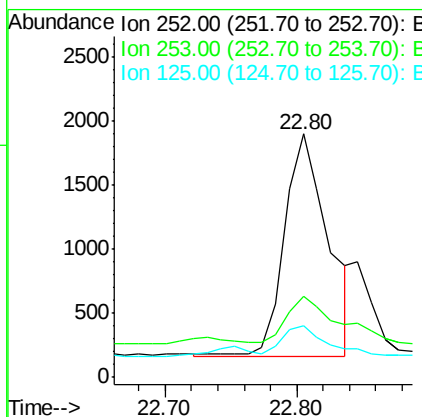
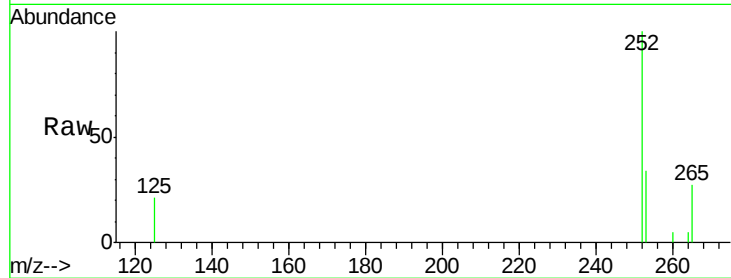
#21
Benzo(b)fluoranthene
Concen: 0.72 ng/ul m
RT: 22.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM008465.D
Acq: 20 Dec 2016 05:23

Instrument :
BNA_M
ClientSampleId :
DA829

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	64.2
125	21.2	0.0	35.0

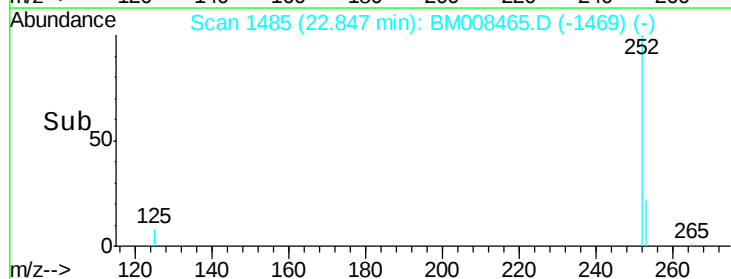
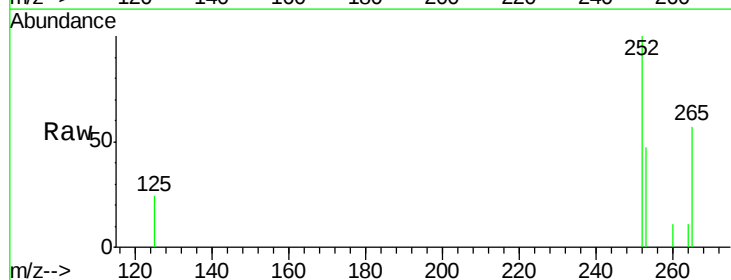
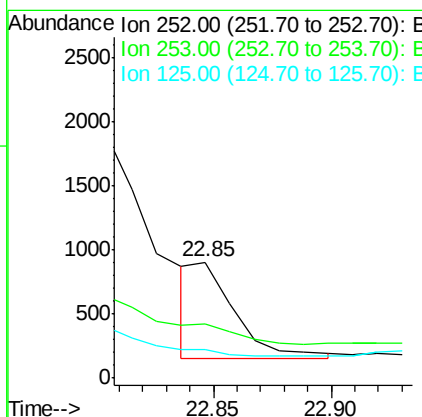
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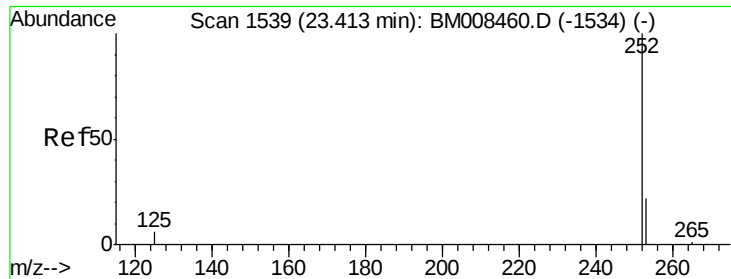
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#22
Benzo(k)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BM008465.D
Acq: 20 Dec 2016 05:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.8	24.5	36.7#
125	24.4	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.36 ng/ul m

RT: 23.37 min Scan# 1535

Delta R.T. -0.05 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Instrument :

BNA_M

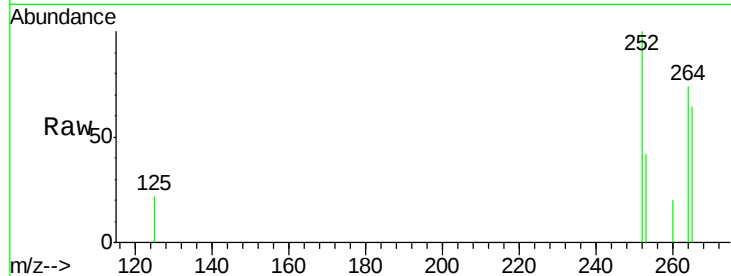
ClientSampled :

DA829

Tot Ion:	252	Resp:	1862
Ion Ratio	Lower	Upper	
252	100		
253	42.2	28.5	42.7
125	22.4	18.1	27.1

Manual Integrations
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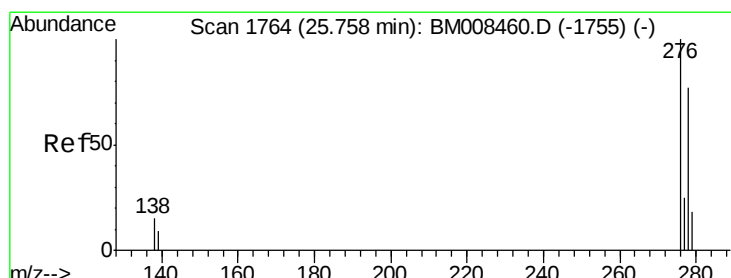
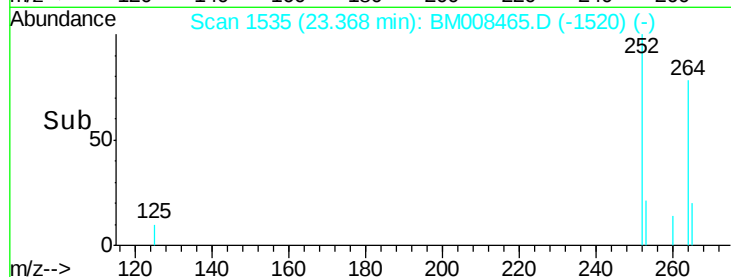
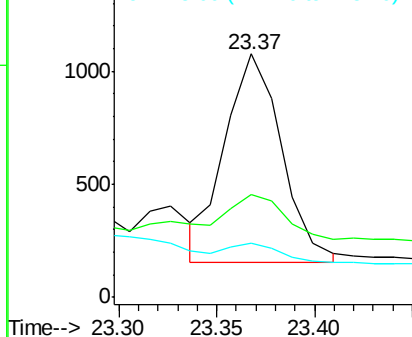


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.23 ng/ul m

RT: 25.70 min Scan# 1759

Delta R.T. -0.06 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

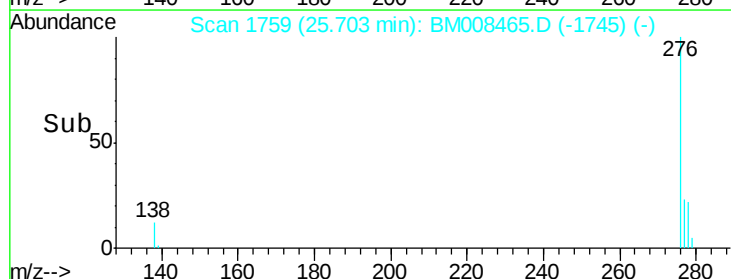
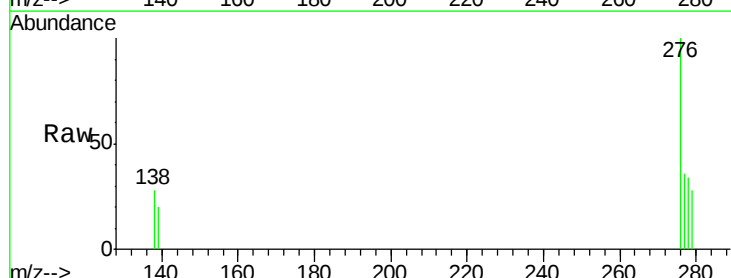
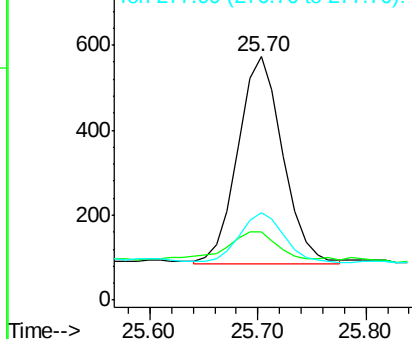
Tgt Ion:	276	Resp:	1410
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

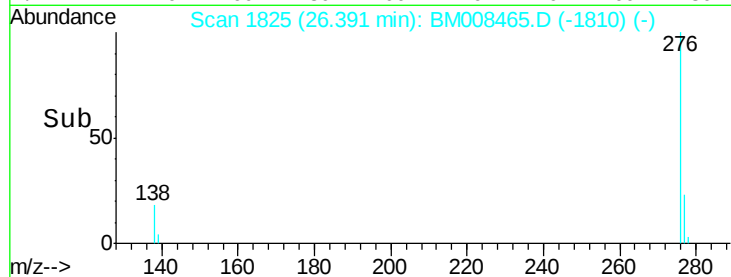
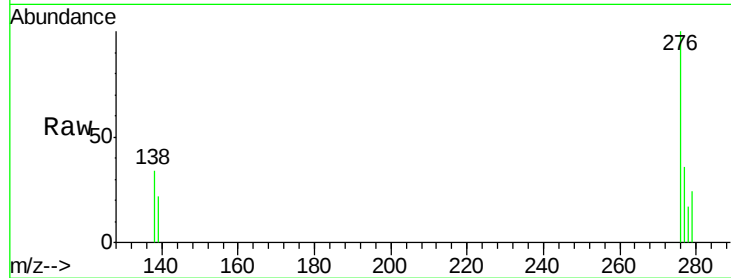
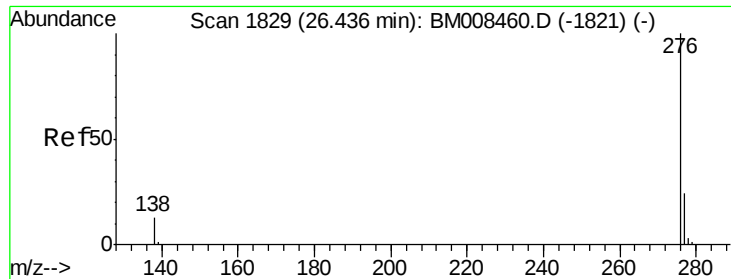
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#26
Benzo(a,h,i)perylene
Concen: 0.27 ng/ul m
RT: 26.39 min Scan# 1825
Delta R.T. -0.05 min
Lab File: BM008465.D
Acq: 20 Dec 2016 05:23

Tot Ion	Ratio	Lower	Upper
276	100		
277	36.0	21.8	32.8#
138	34.1	20.5	30.7#

Instrument :
BNA_M
ClientSampleId :
DA829

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:29 PM

