

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008473.D
 Acq On : 20 Dec 2016 10:46
 Operator : UM/SJ
 Sample : H5970-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA856

Manual Integrations
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Quant Time: Dec 20 14:46:35 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	440	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1505	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	939	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1740m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1795	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	1409m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	582	0.25	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1293	0.27	ng/ul	-0.03
Target Compounds						Ovalue
3) Naphthalene	10.48	128	2816	0.67	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	2941	1.03	ng/ul	95
7) Acenaphthylene	14.01	152	4553	1.07	ng/ul	99
8) Acenaphthene	14.35	153	818	0.26	ng/ul	96
9) Fluorene	15.36	166	794	0.22	ng/ul#	93
12) Phenanthrene	17.09	178	15303m	2.88	ng/ul	
13) Anthracene	17.18	178	6575	1.27	ng/ul	96
15) Fluoranthene	19.11	202	32056m	4.92	ng/ul	
17) Pyrene	19.47	202	52803	7.61	ng/ul	96
18) Benzo(a)anthracene	21.23	228	38772	6.58	ng/ul	98
19) Chrysene	21.28	228	36476	5.65	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	80085m	14.43	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	27042m	5.00	ng/ul	
23) Benzo(a)pyrene	23.37	252	40911m	7.95	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.69	276	31614m	5.16	ng/ul	
25) Dibenzo(a,h)anthracene	25.69	278	9827m	2.01	ng/ul	
26) Benzo(a,h,i)perylene	26.38	276	28607m	5.44	ng/ul	

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

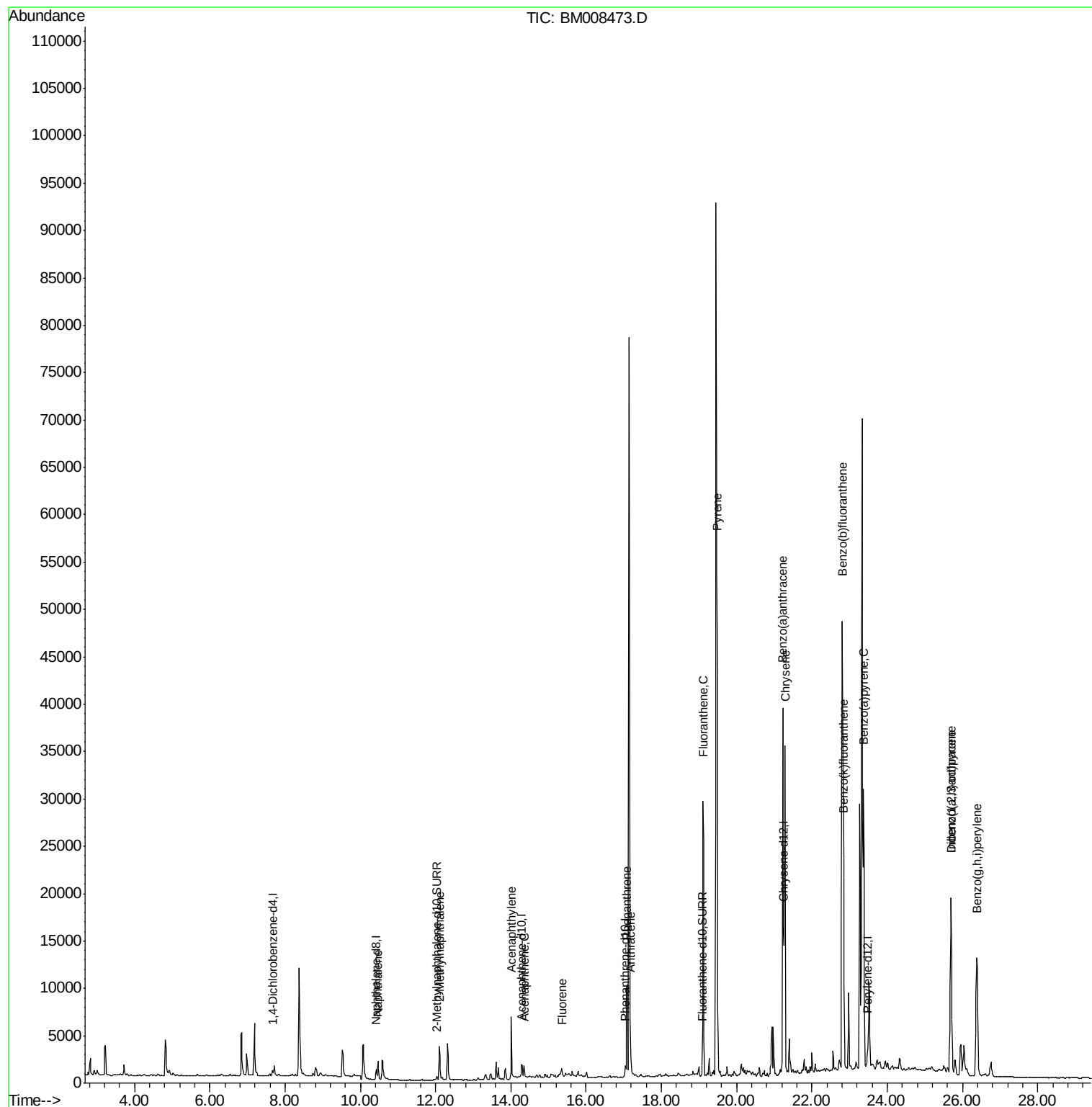
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
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ALS Vial : 34 Sample Multiplier: 1

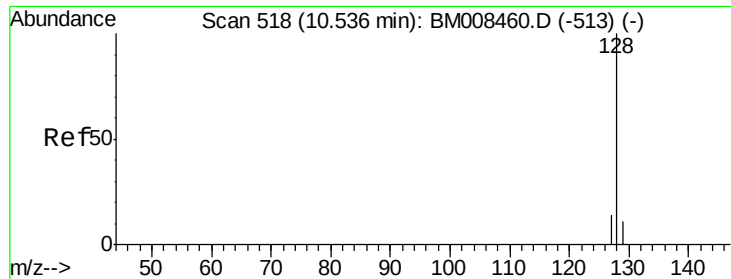
Instrument :
BNA_M
ClientSampleId :
DA856

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Quant Time: Dec 20 14:46:35 2016
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
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.67 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008473.D

Acq: 20 Dec 2016 10:46

Instrument :

BNA_M

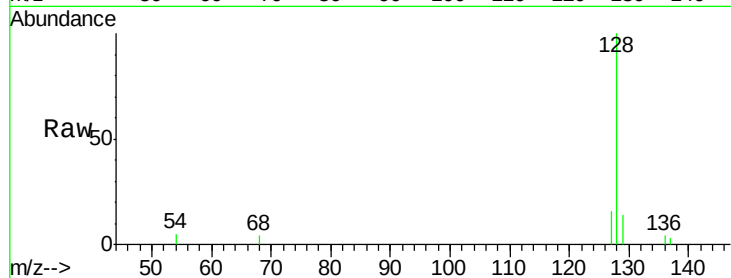
ClientSampleId :

DA856

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.2	11.3	16.9
127	16.3	12.8	19.2

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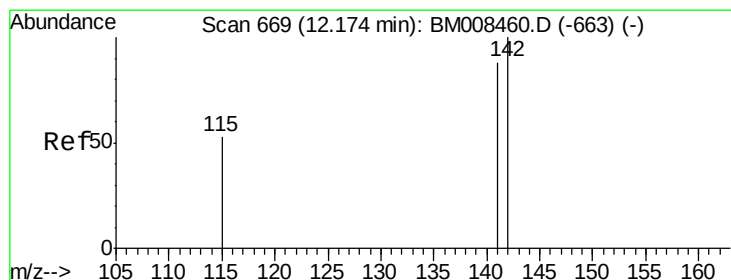
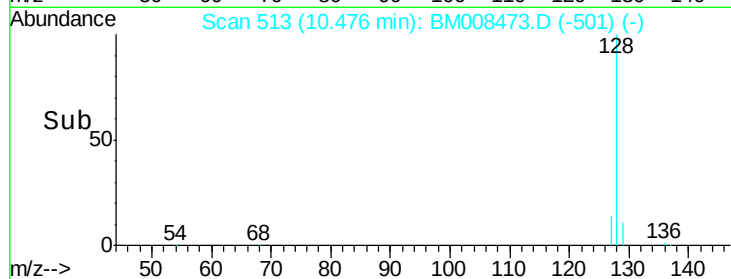
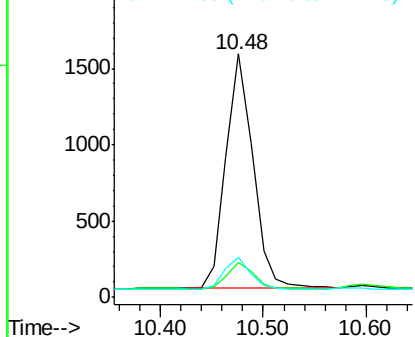
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.03 ng/ul

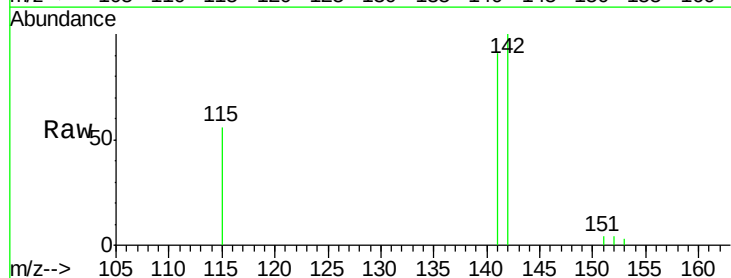
RT: 12.10 min Scan# 662

Delta R.T. -0.07 min

Lab File: BM008473.D

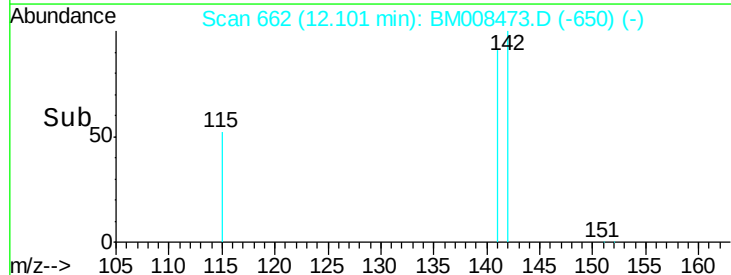
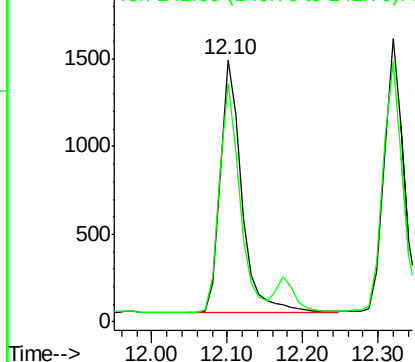
Acq: 20 Dec 2016 10:46

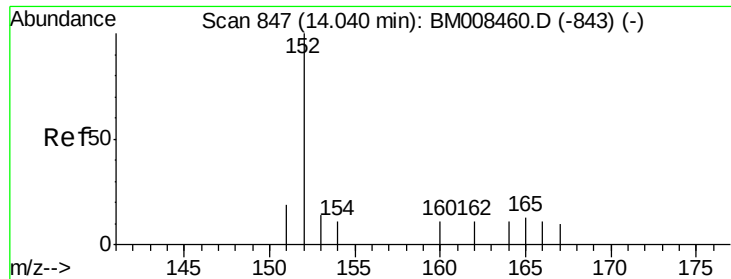
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.07 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008473.D

Acq: 20 Dec 2016 10:46

Instrument :

BNA_M

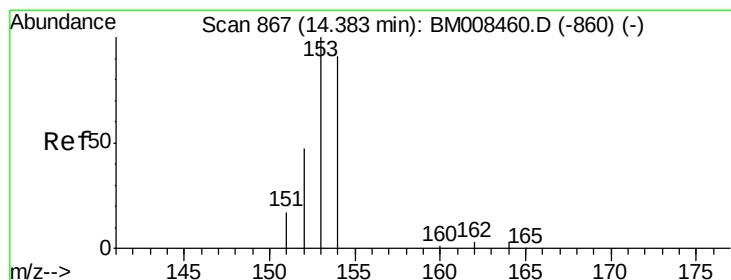
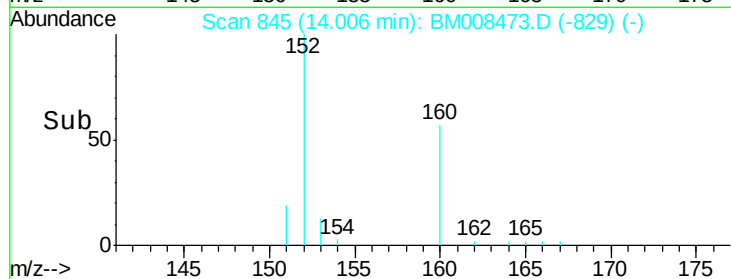
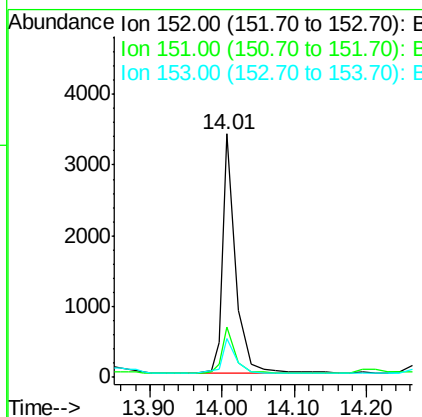
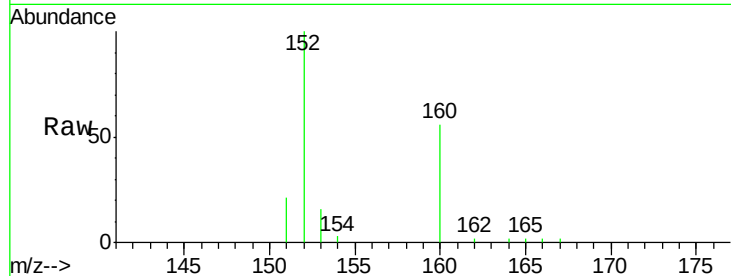
ClientSampleId :

DA856

Tot Ion:	152	Resp:	4553
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.1	25.7
153	15.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.26 ng/ul

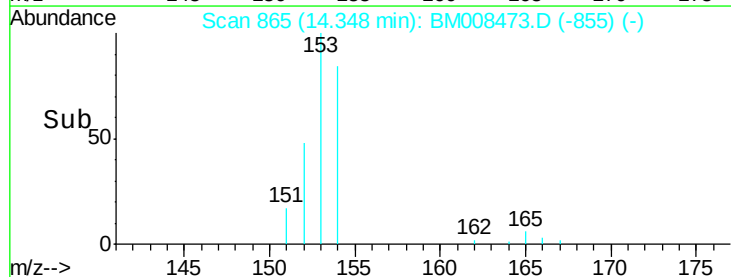
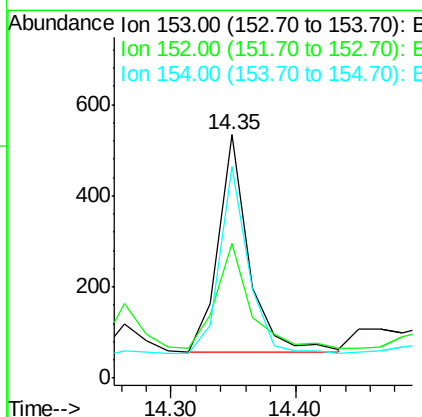
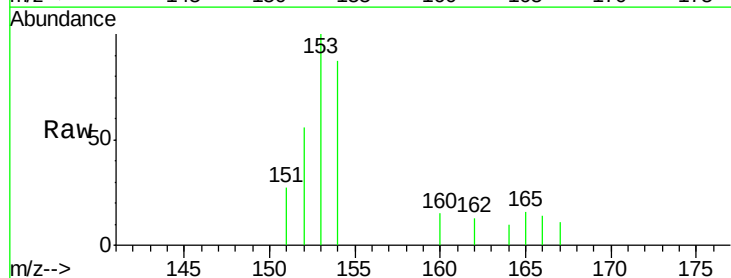
RT: 14.35 min Scan# 865

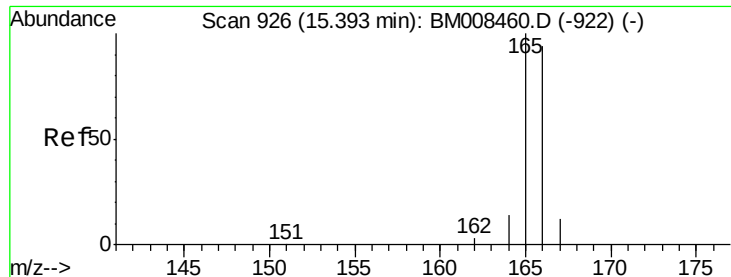
Delta R.T. -0.03 min

Lab File: BM008473.D

Acq: 20 Dec 2016 10:46

Tgt Ion:	153	Resp:	818
Ion Ratio	Lower	Upper	
153	100		
152	55.6	40.3	60.5
154	86.7	71.4	107.2





#9

Fluorene

Concen: 0.22 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM008473.D

Acq: 20 Dec 2016 10:46

Instrument :

BNA_M

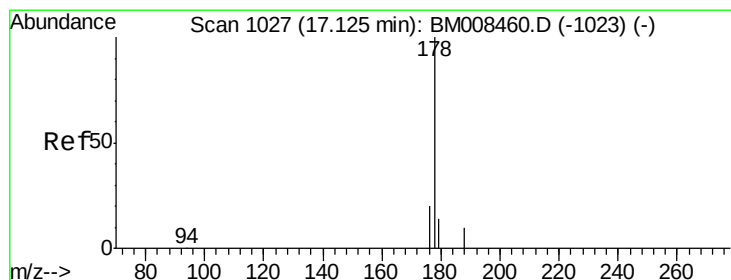
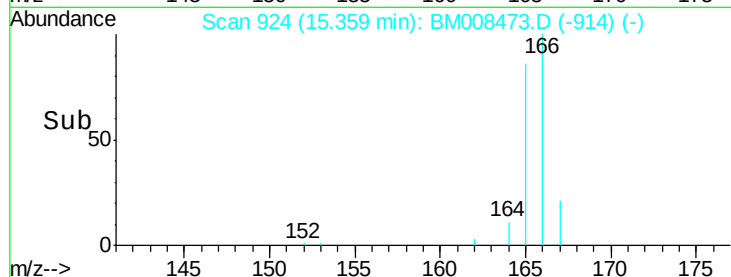
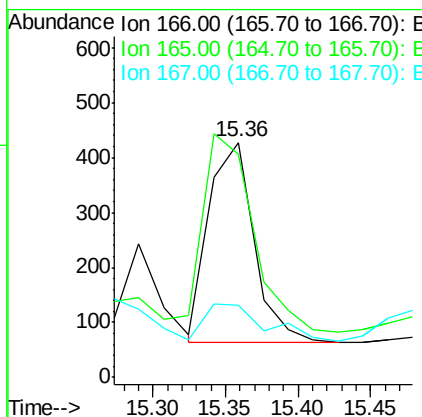
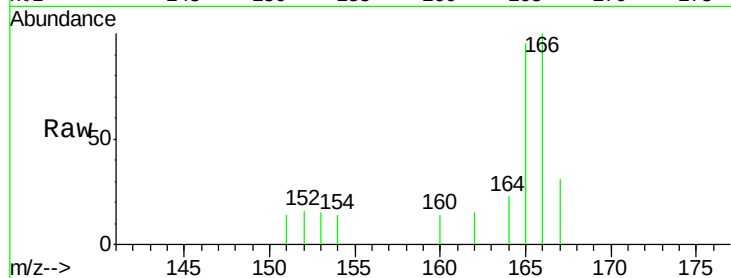
ClientSampled :

DA856

Tot Ion:	166	Resp:	794
Ion	Ratio	Lower	Upper
166	100		
165	94.6	73.4	110.2
167	30.6	14.6	22.0#

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#12

Phenanthrene

Concen: 2.88 ng/ul m

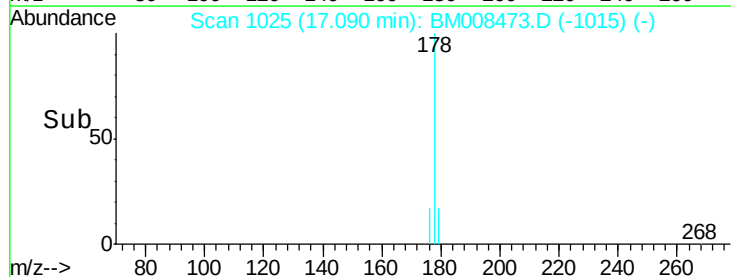
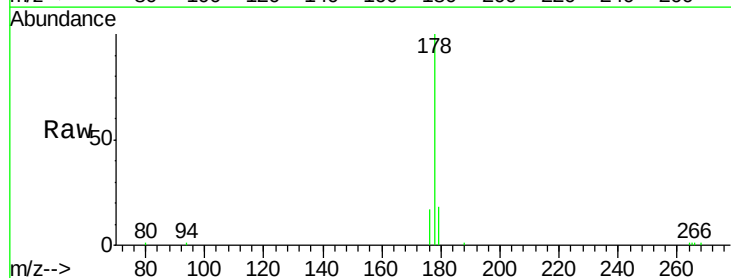
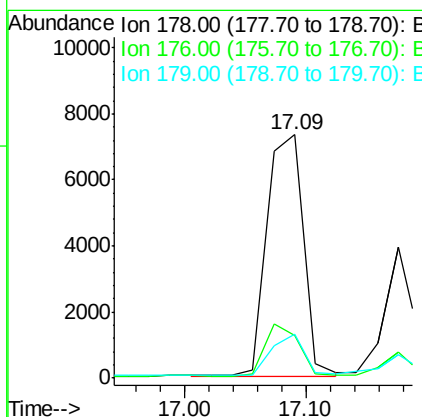
RT: 17.09 min Scan# 1025

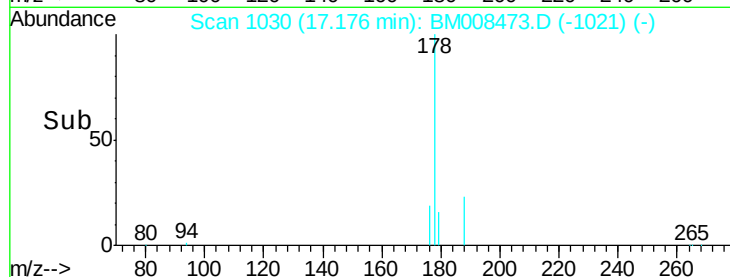
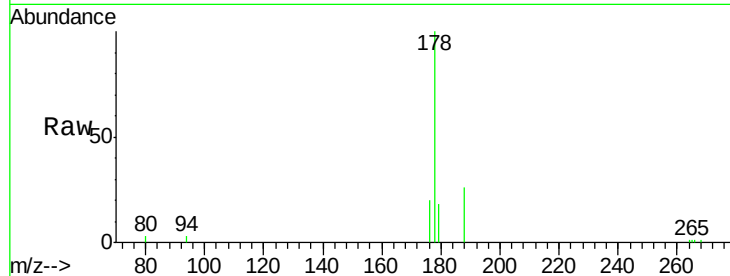
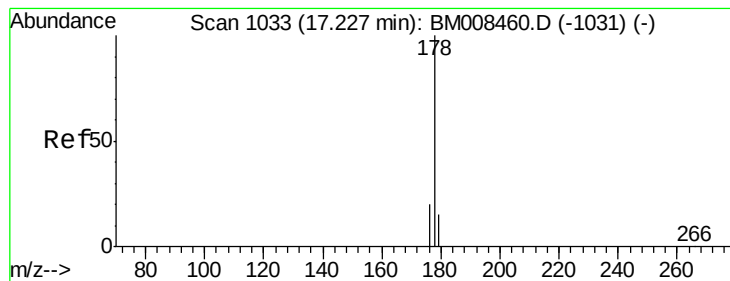
Delta R.T. -0.03 min

Lab File: BM008473.D

Acq: 20 Dec 2016 10:46

Tgt Ion:	178	Resp:	15303
Ion	Ratio	Lower	Upper
178	100		
176	17.3	18.4	27.6#
179	18.2	13.6	20.4





#13

Anthracene

Concen: 1.27 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BM008473.D

Acq: 20 Dec 2016 10:46

Tot Ion:	178	Resp:	6575
Ion Ratio	Lower	Upper	
178	100		
176	19.9	18.1	27.1
179	17.8	14.7	22.1

Instrument :

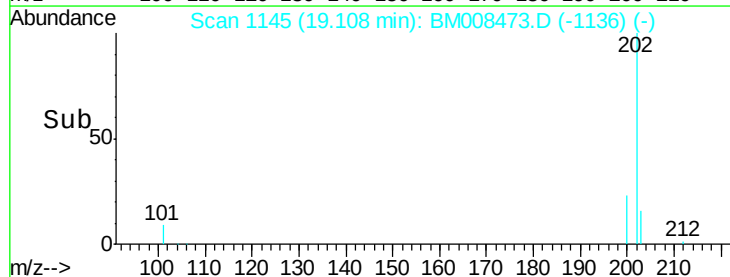
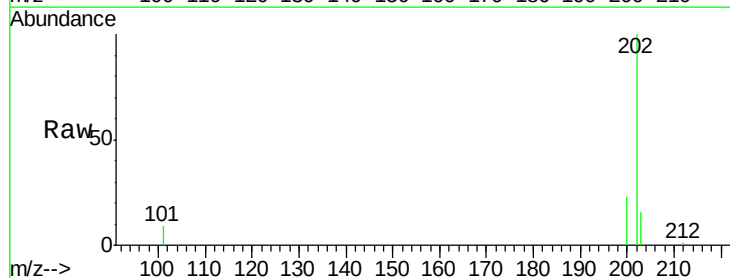
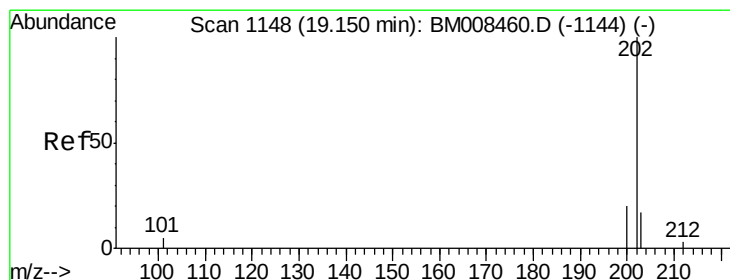
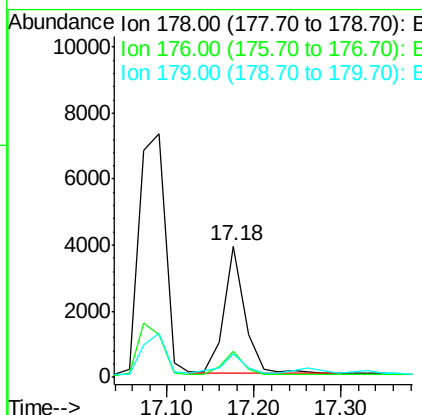
BNA_M

ClientSampleId :

DA856

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#15

Fluoranthene

Concen: 4.92 ng/ul m

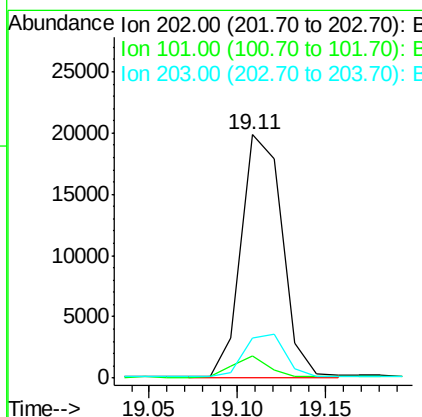
RT: 19.11 min Scan# 1145

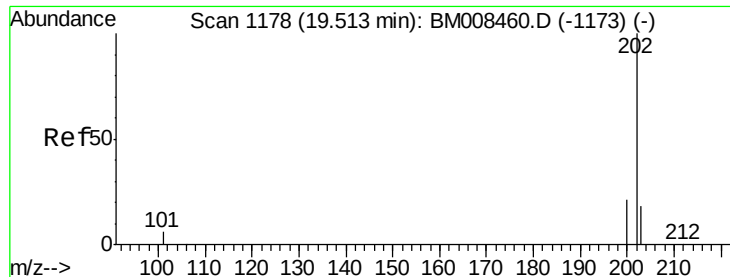
Delta R.T. -0.04 min

Lab File: BM008473.D

Acq: 20 Dec 2016 10:46

Tgt Ion:	202	Resp:	32056
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.3
203	16.2	0.0	39.5





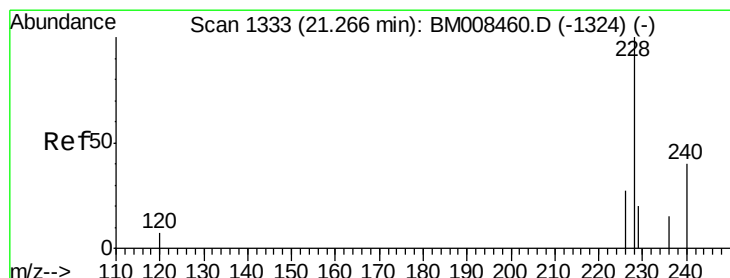
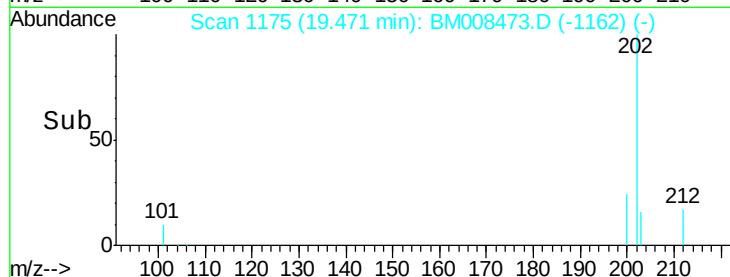
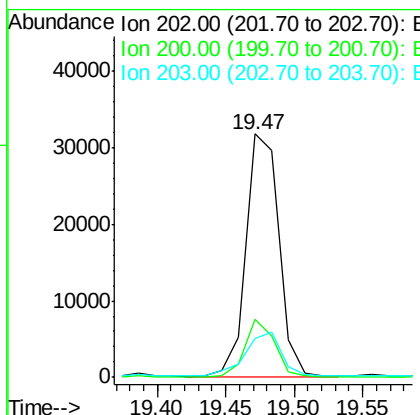
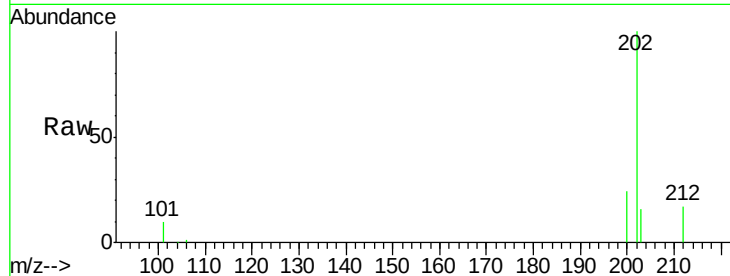
#17
Pvrene
Concen: 7.61 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008473.D
Acq: 20 Dec 2016 10:46

Instrument :
BNA_M
ClientSampleId :
DA856

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.2	27.4
203	16.2	15.6	23.4

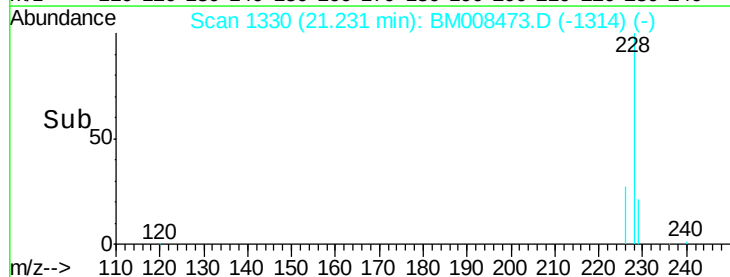
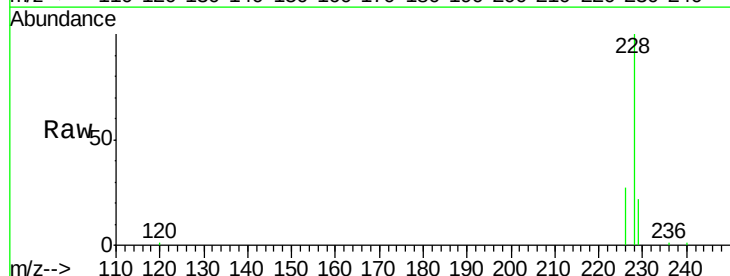
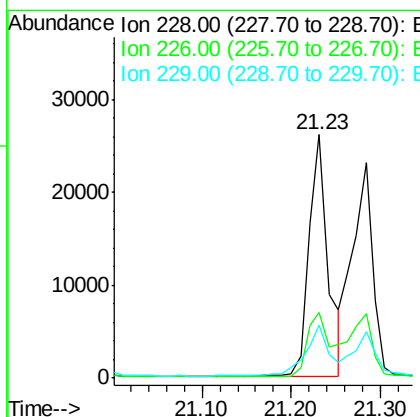
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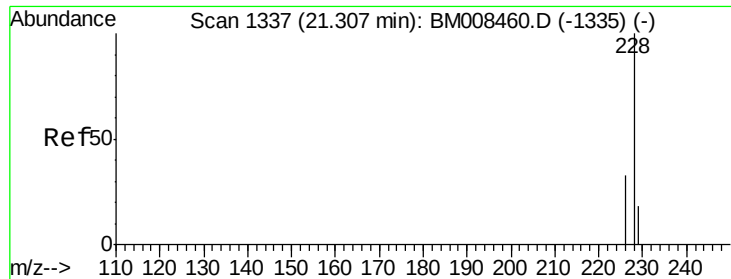
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#18
Benzo(a)anthracene
Concen: 6.58 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BM008473.D
Acq: 20 Dec 2016 10:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.8	34.2
229	21.9	17.0	25.6





#19

Chrysene

Concen: 5.65 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008473.D

Acq: 20 Dec 2016 10:46

Instrument :

BNA_M

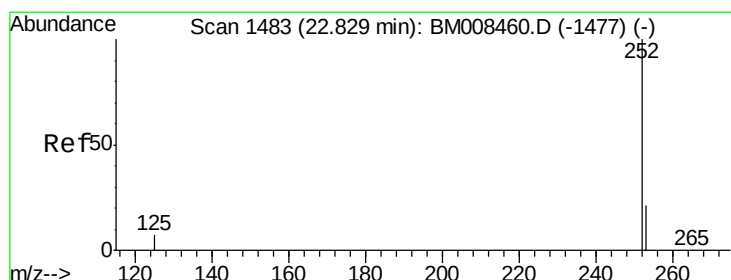
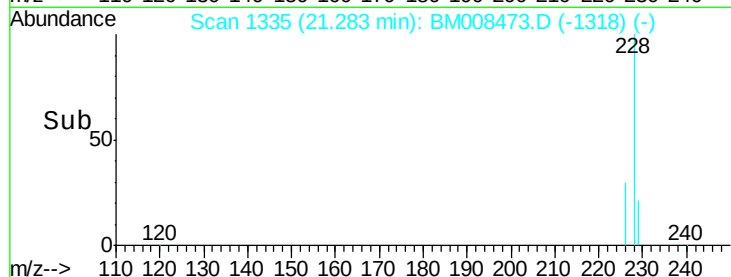
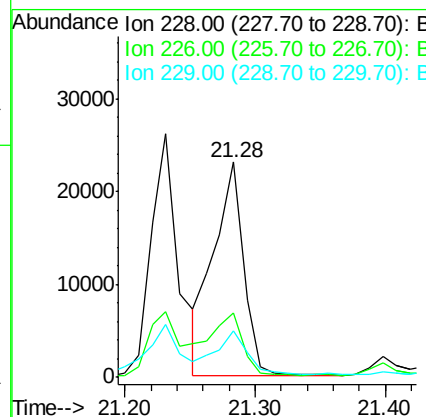
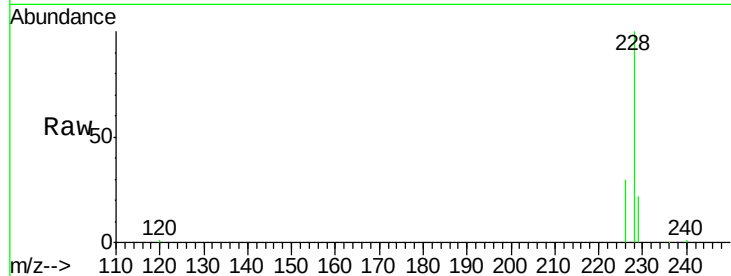
ClientSampleId :

DA856

Tot Ion:228	Resp:	36476
Ion Ratio	Lower	Upper
228 100		
226 30.0	23.4	35.0
229 21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 14.43 ng/ul m

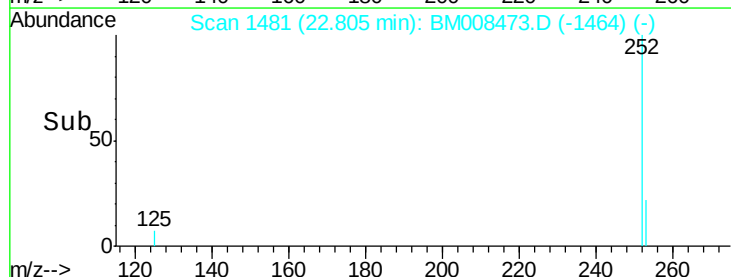
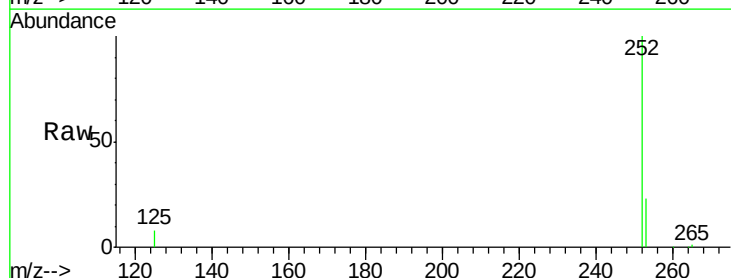
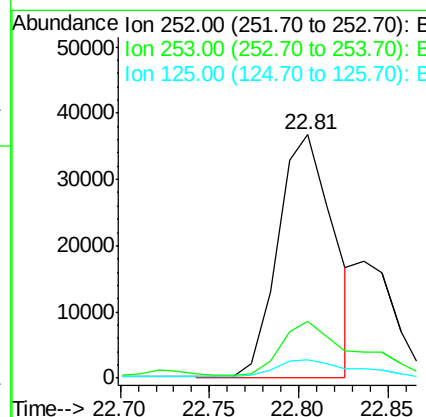
RT: 22.81 min Scan# 1481

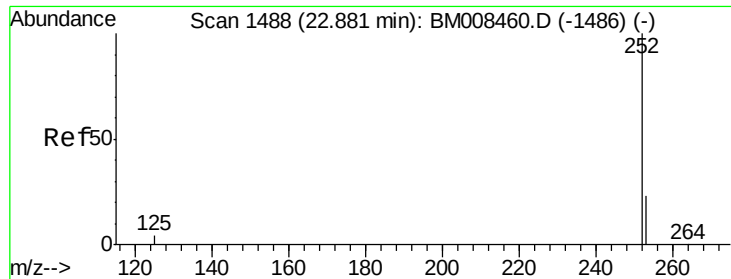
Delta R.T. -0.02 min

Lab File: BM008473.D

Acq: 20 Dec 2016 10:46

Tgt Ion:252	Resp:	80085
Ion Ratio	Lower	Upper
252 100		
253 23.1	0.0	64.2
125 7.7	0.0	35.0





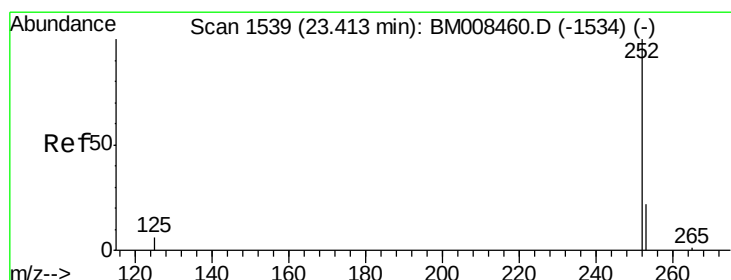
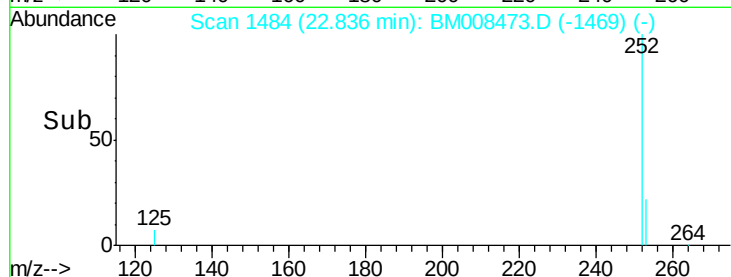
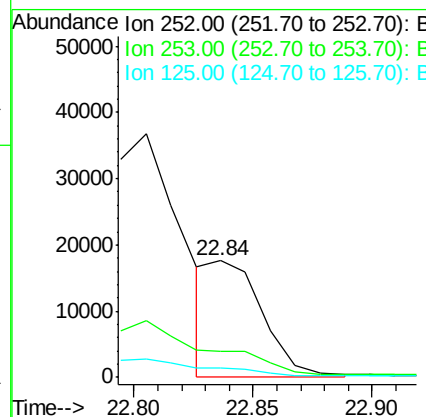
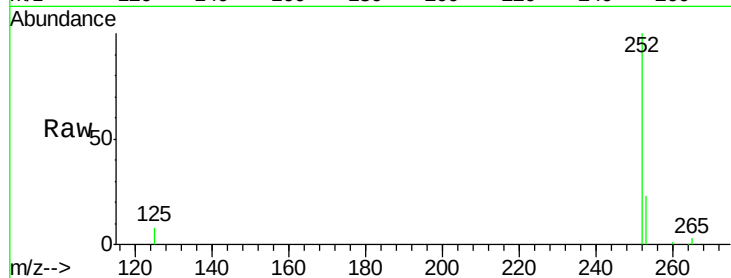
#22
Benzo(k)fluoranthene
Concen: 5.00 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.04 min
Lab File: BM008473.D
Acq: 20 Dec 2016 10:46

Instrument :
BNA_M
ClientSampled :
DA856

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	24.5	36.7#
125	8.2	13.7	20.5#

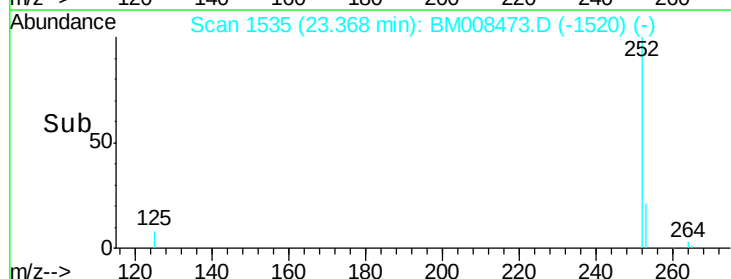
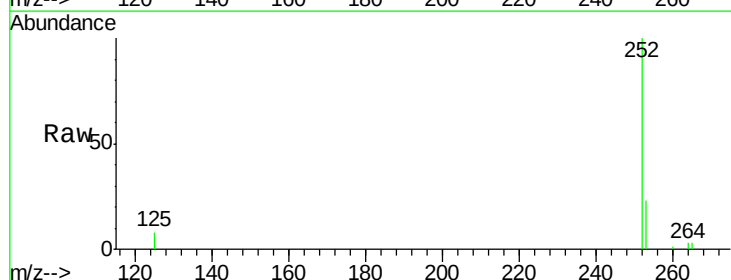
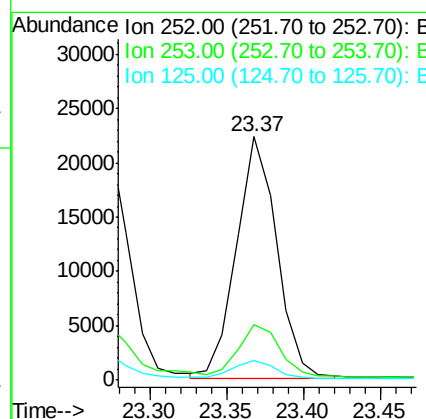
Manual Integrations
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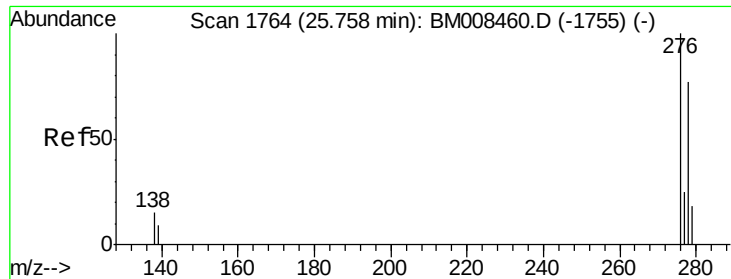
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#23
Benzo(a)pyrene
Concen: 7.95 ng/ul m
RT: 23.37 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BM008473.D
Acq: 20 Dec 2016 10:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	28.5	42.7#
125	8.2	18.1	27.1#





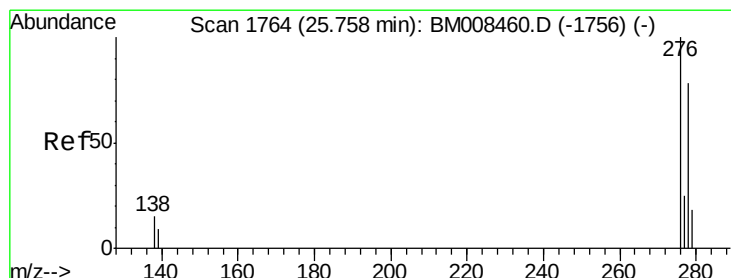
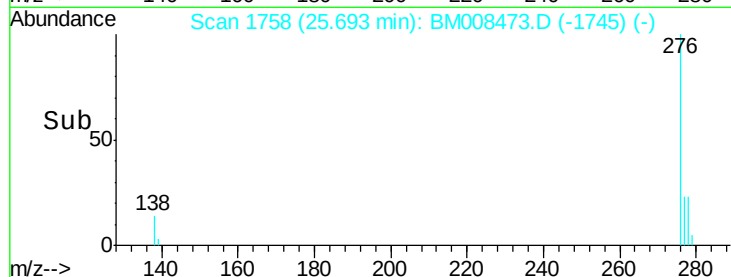
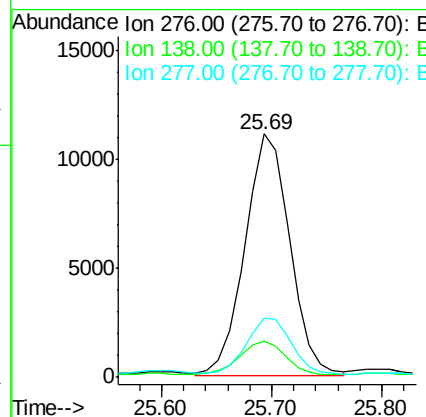
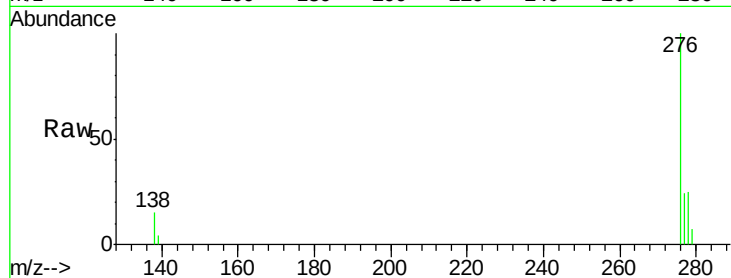
#24
Indeno(1,2,3-cd)pyrene
Concen: 5.16 ng/ul m
RT: 25.69 min Scan# 1758
Delta R.T. -0.07 min
Lab File: BM008473.D
Acq: 20 Dec 2016 10:46

Instrument :
BNA_M
ClientSampleId :
DA856

Tot Ion	Ratio	Resp	Lower	Upper
276	100	31614		
138	2.0	19.1	28.7#	
277	2.9	19.6	29.4#	

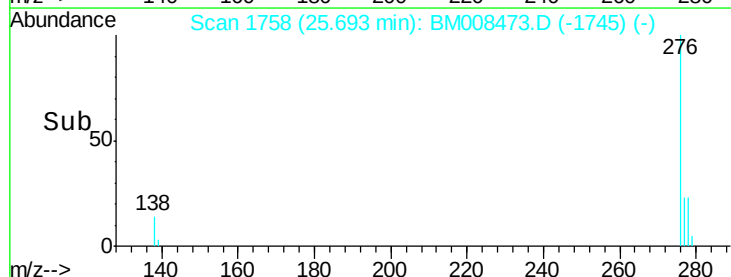
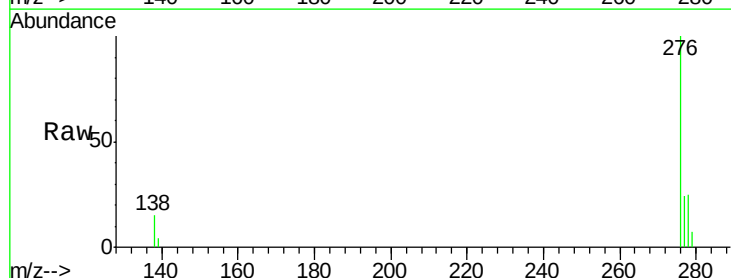
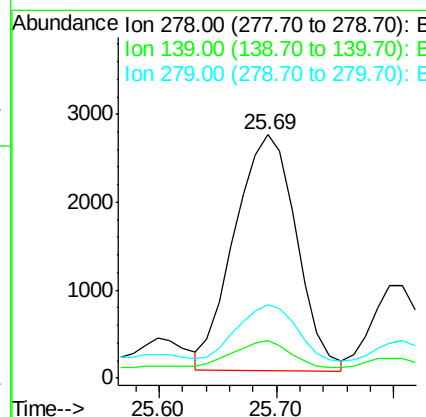
Manual Integrations
APPROVED

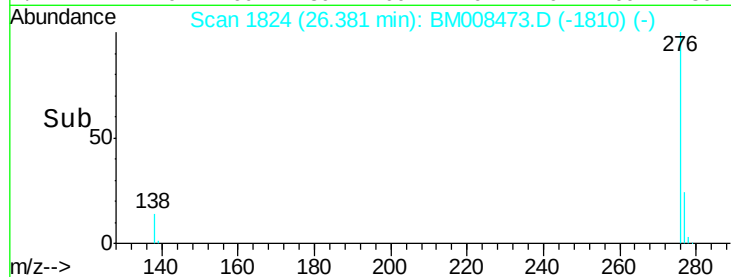
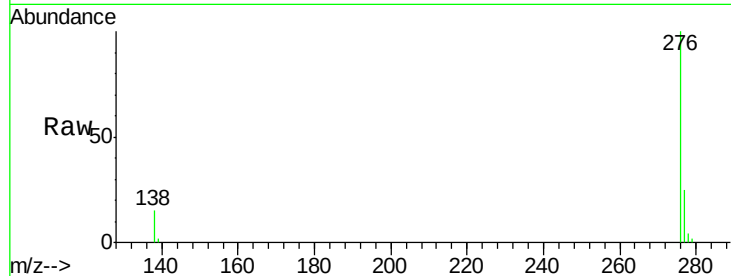
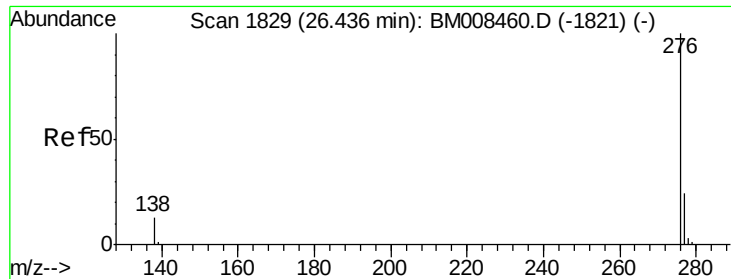
sohil
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#25
Dibenzo(a,h)anthracene
Concen: 2.01 ng/ul m
RT: 25.69 min Scan# 1758
Delta R.T. -0.07 min
Lab File: BM008473.D
Acq: 20 Dec 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	9827		
139	15.4	17.4	26.0#	
279	30.0	25.9	38.9	





#26
 Benzo(a,h,i)perylene
 Concen: 5.44 ng/ul m
 RT: 26.38 min Scan# 1824
 Delta R.T. -0.06 min
 Lab File: BM008473.D
 Acq: 20 Dec 2016 10:46

Instrument :
 BNA_M
 ClientSampleId :
 DA856

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	21.8	32.8
138	15.4	20.5	30.7

Manual Integrations
 APPROVED

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