

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008670.D
 Acq On : 25 Dec 2016 14:19
 Operator : UM/SJ
 Sample : H5995-09DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA874DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:29:55 PM

Quant Time: Dec 30 10:14:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	488	0.40	ng/ul	-0.12
2) Naphthalene-d8	10.40	136	1877m	0.40	ng/ul	-0.11
6) Acenaphthene-d10	14.28	164	2234m	0.40	ng/ul	-0.05
10) Phenanthrene-d10	16.99	188	13705m	0.40	ng/ul	-0.10
16) Chrysene-d12	21.25	240	2099m	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1704m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	266m	0.09	ng/ul	-0.17
14) Fluoranthene-d10	19.07	212	1455m	0.04	ng/ul	-0.05
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	23044	4.36	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	98138	27.61	ng/ul	98
7) Acenaphthylene	14.00	152	6160m	0.61	ng/ul	
8) Acenaphthene	14.35	153	7774m	1.02	ng/ul	
9) Fluorene	15.34	166	7864m	0.91	ng/ul	
12) Phenanthrene	17.07	178	126813m	3.03	ng/ul	
15) Fluoranthene	19.10	202	78857m	1.54	ng/ul	
17) Pyrene	19.48	202	71653m	8.83	ng/ul	
18) Benzo(a)anthracene	21.22	228	16587m	2.41	ng/ul	
19) Chrysene	21.28	228	19261m	2.55	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	17074	2.54	ng/ul	96
22) Benzo(k)fluoranthene	22.83	252	5191m	0.79	ng/ul	
23) Benzo(a)pyrene	23.38	252	6782	1.09	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.72	276	4149m	0.56	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	1492m	0.25	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	3730m	0.59	ng/ul	

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

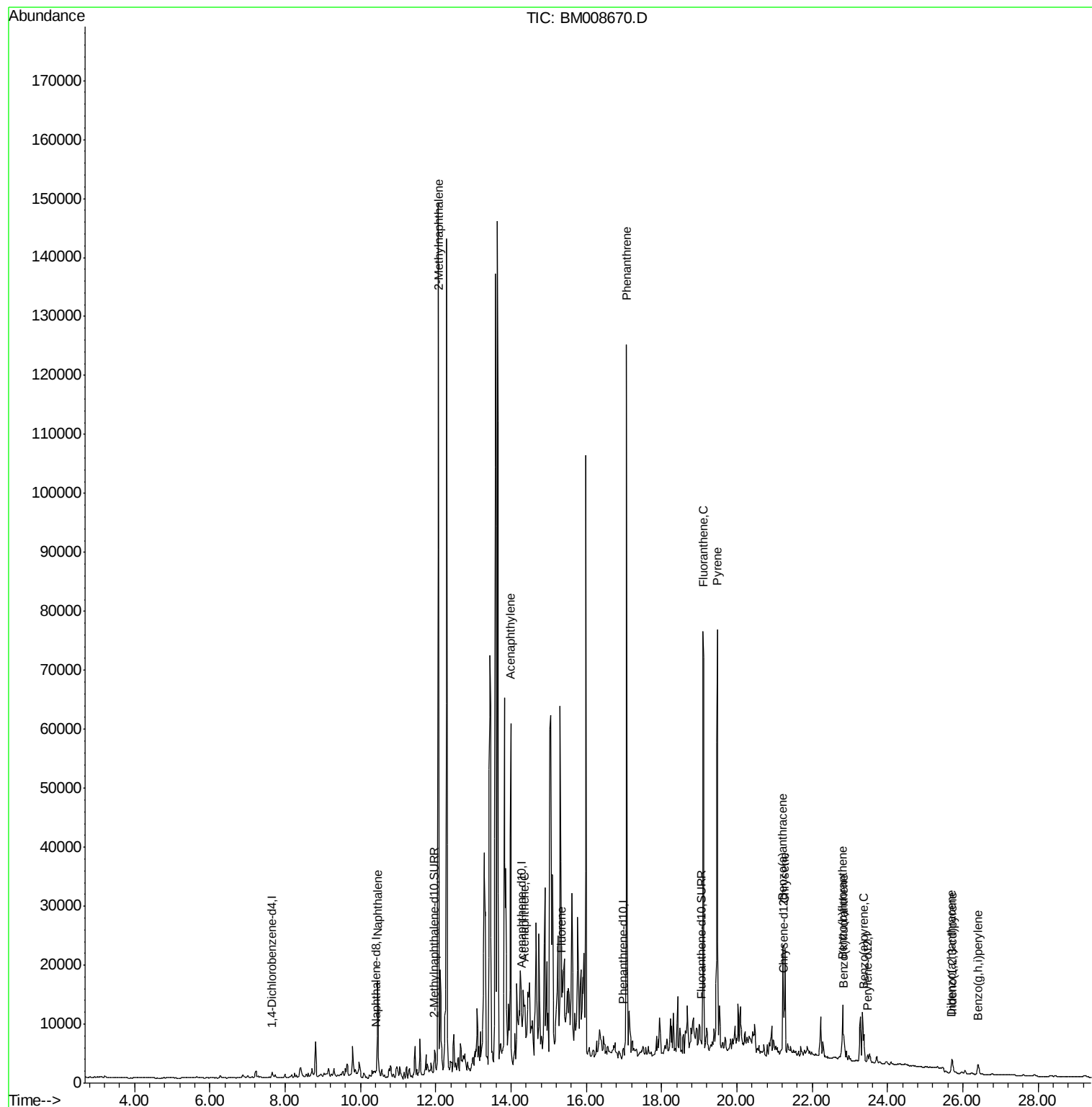
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

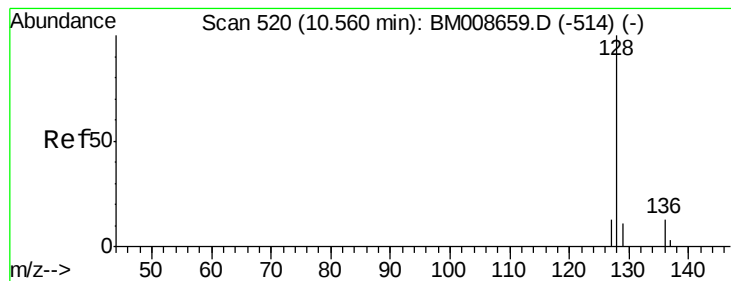
Instrument :
BNA_M
ClientSampleID :
DA874DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM

Quant Time: Dec 30 10:14:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 4.36 ng/ul

RT: 10.45 min Scan# 511

Delta R.T. -0.11 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Instrument :

BNA_M

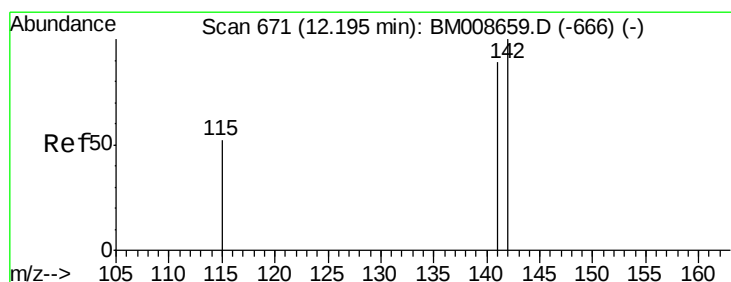
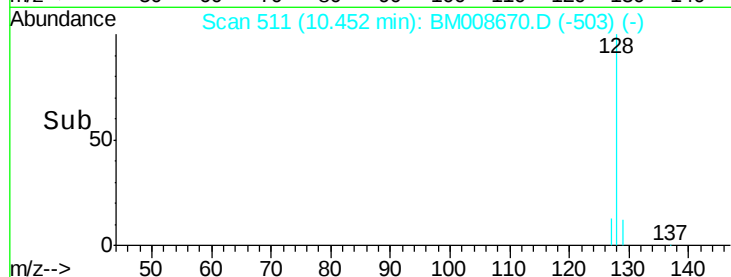
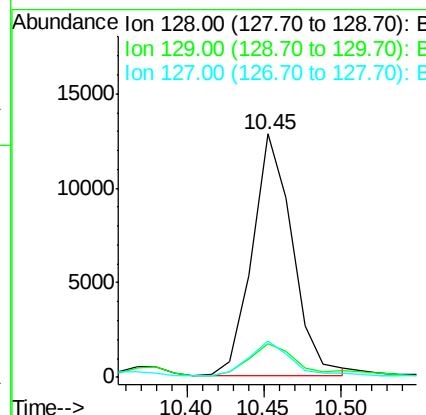
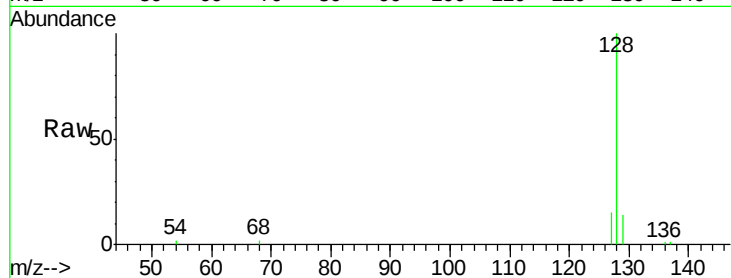
ClientSampleId :

DA874DL

Tgt Ion:	128	Resp:	23044
Ion Ratio	Lower	Upper	
128	100		
129	14.0	11.3	16.9
127	14.8	12.8	19.2

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM



#5

2-Methylnaphthalene

Concen: 27.61 ng/ul

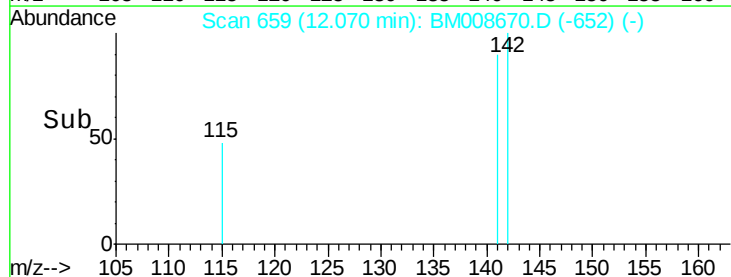
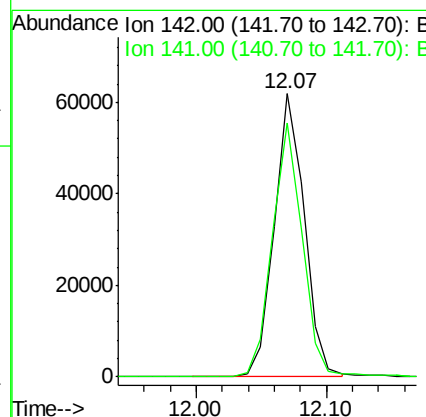
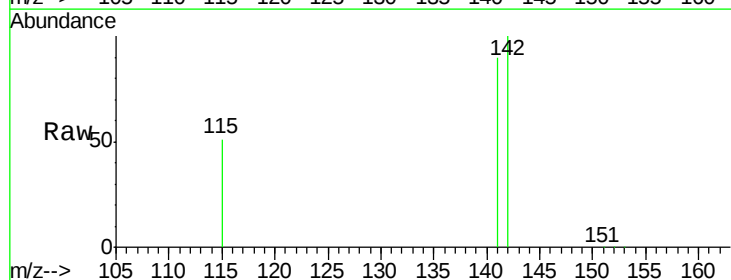
RT: 12.07 min Scan# 659

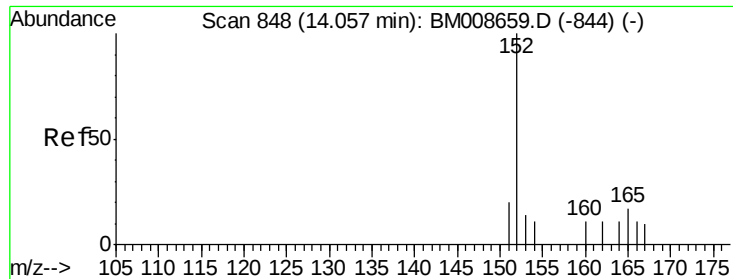
Delta R.T. -0.12 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Tgt Ion:	142	Resp:	98138
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.61 ng/ul m

RT: 14.00 min Scan# 844

Delta R.T. -0.06 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Instrument :

BNA_M

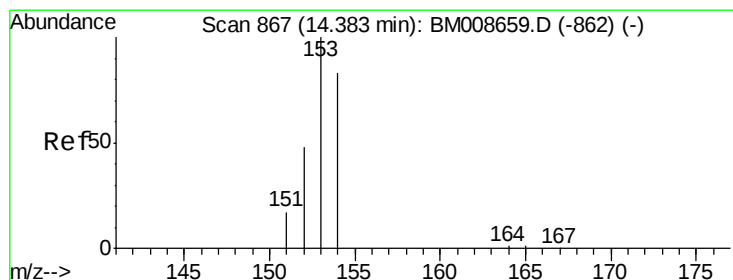
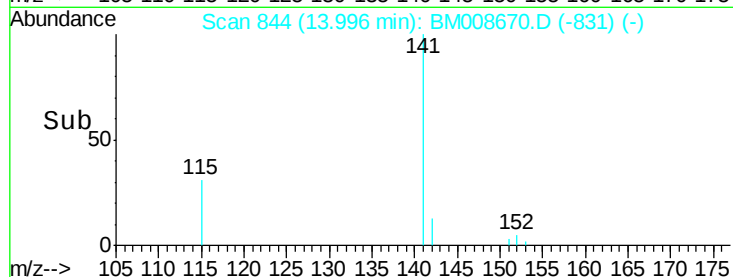
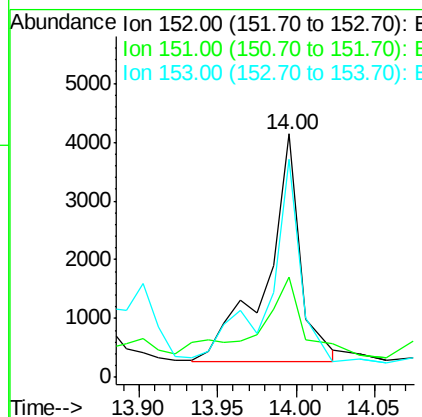
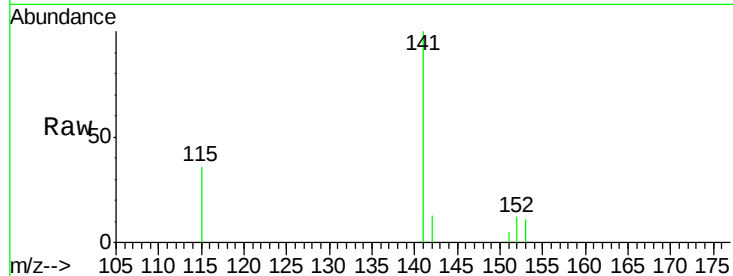
ClientSampleId :

DA874DL

Tgt Ion:	152	Resp:	6160
Ion Ratio	Lower	Upper	
152	100		
151	41.1	17.1	25.7#
153	89.5	12.8	19.2#

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM



#8

Acenaphthene

Concen: 1.02 ng/ul m

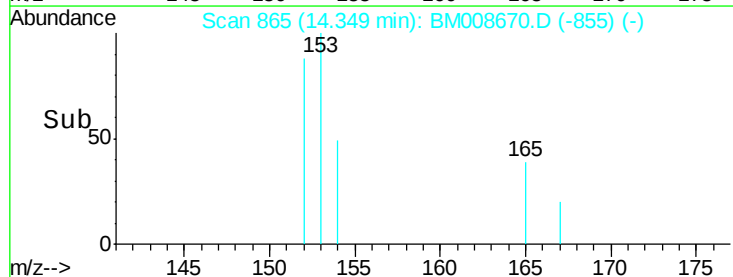
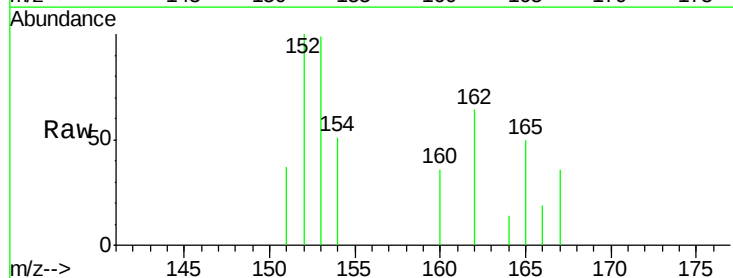
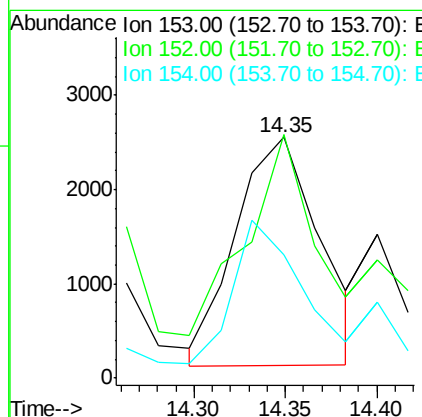
RT: 14.35 min Scan# 865

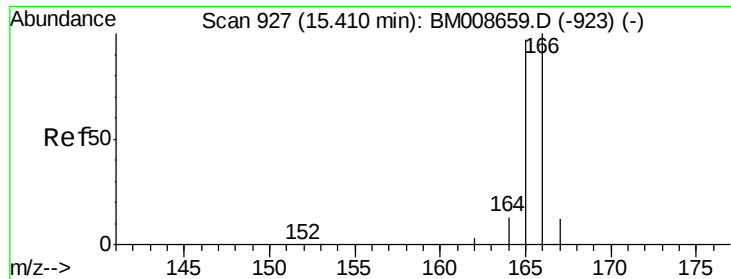
Delta R.T. -0.03 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Tgt Ion:	153	Resp:	7774
Ion Ratio	Lower	Upper	
153	100		
152	101.2	40.3	60.5#
154	51.1	71.4	107.2#





#9

Fluorene

Concen: 0.91 ng/ul m

RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Instrument :

BNA_M

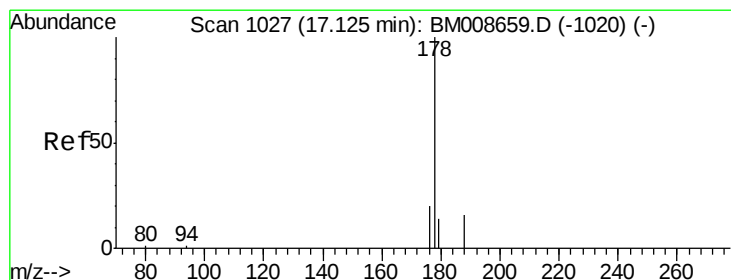
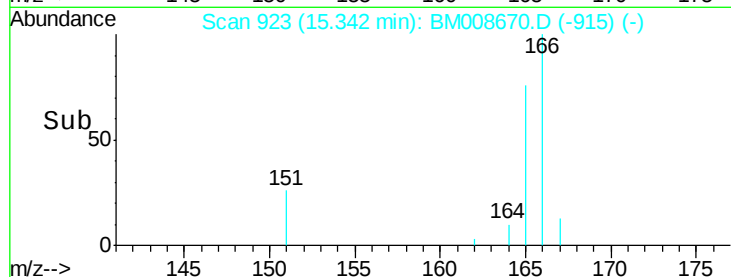
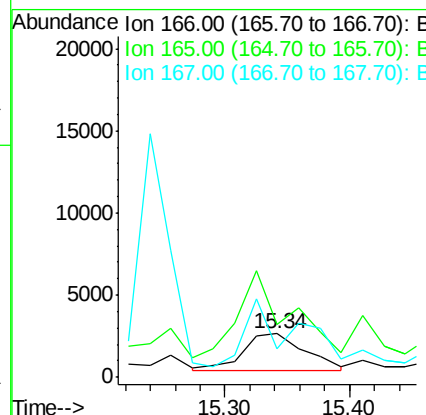
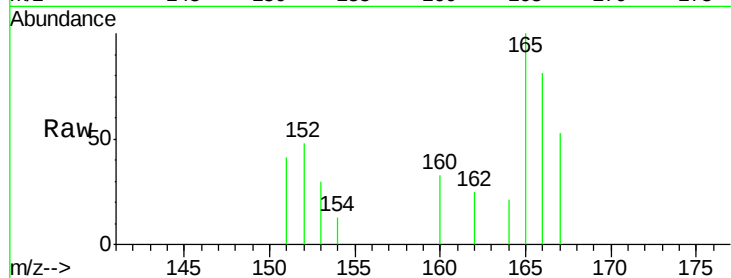
ClientSampleId :

DA874DL

Tgt Ion:166 Resp: 7864
 Ion Ratio Lower Upper
 166 100
 165 123.0 73.4 110.2#
 167 65.3 14.6 22.0#

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:29:55 PM



#12

Phenanthrene

Concen: 3.03 ng/ul m

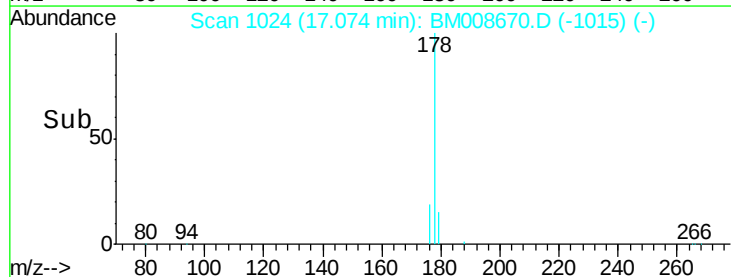
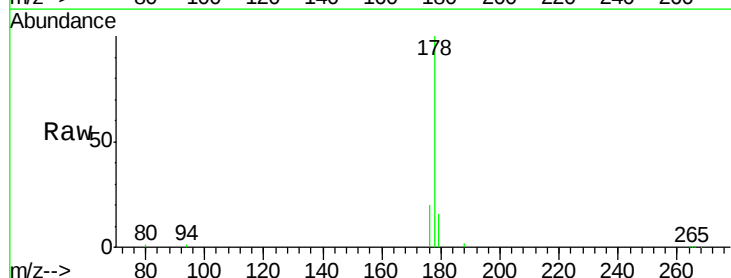
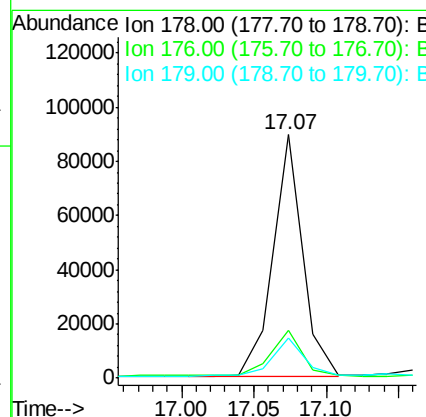
RT: 17.07 min Scan# 1024

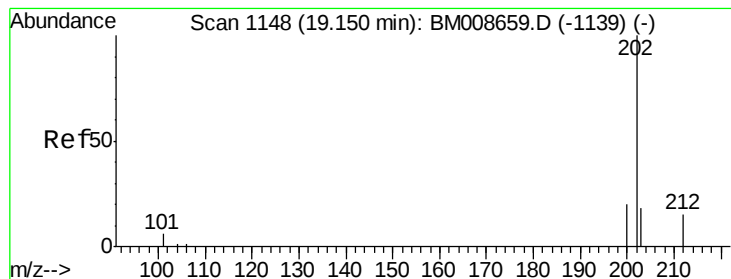
Delta R.T. -0.05 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Tgt Ion:178 Resp: 126813
 Ion Ratio Lower Upper
 178 100
 176 19.8 18.4 27.6
 179 16.4 13.6 20.4





#15

Fluoranthene

Concen: 1.54 ng/ul m

RT: 19.10 min Scan# 1144

Delta R.T. -0.05 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Instrument :

BNA_M

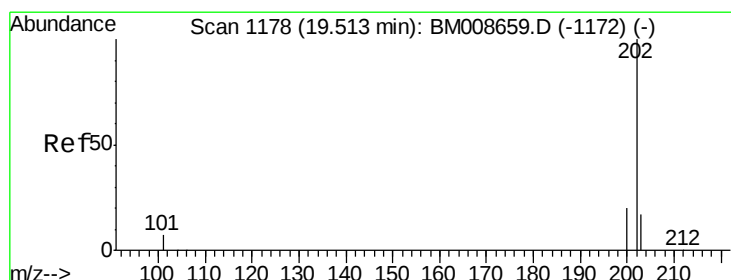
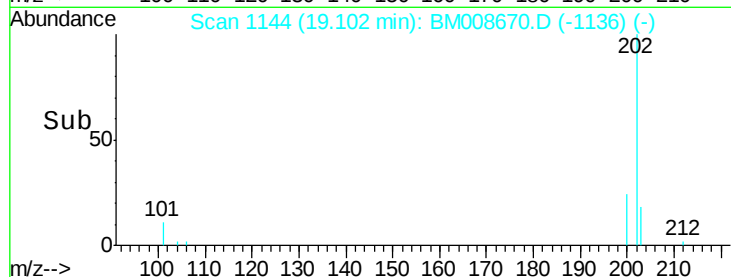
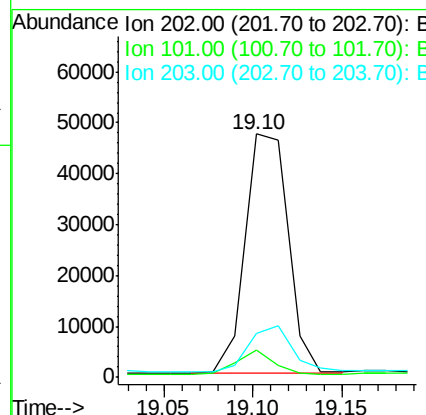
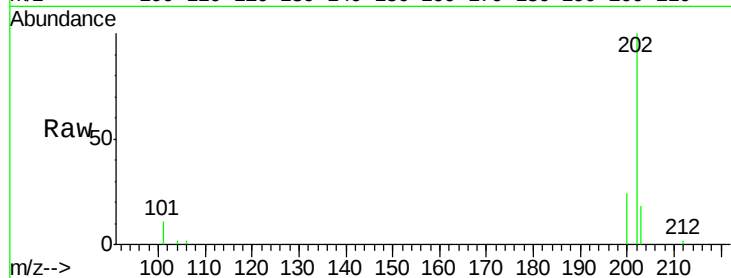
ClientSampleId :

DA874DL

Tgt Ion:	202	Resp:	78857
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.3
203	18.1	0.0	39.5

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM



#17

Pyrene

Concen: 8.83 ng/ul m

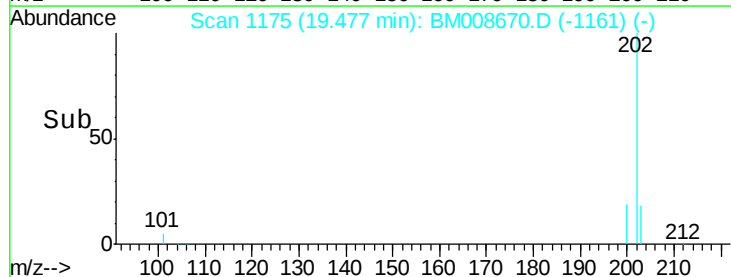
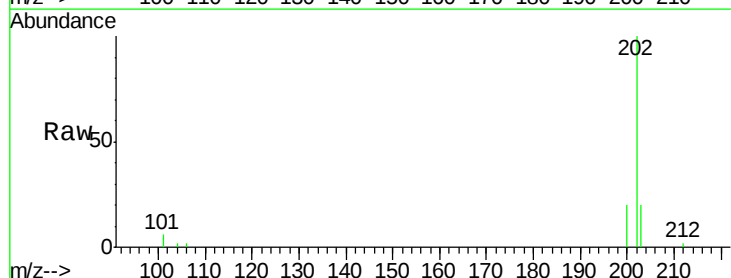
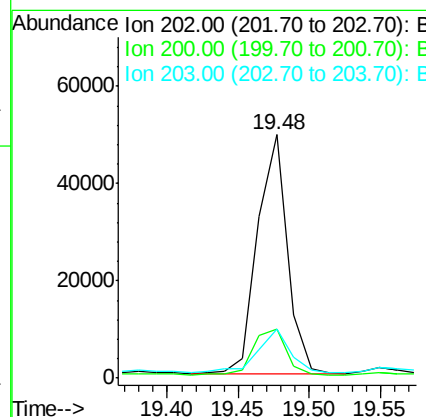
RT: 19.48 min Scan# 1175

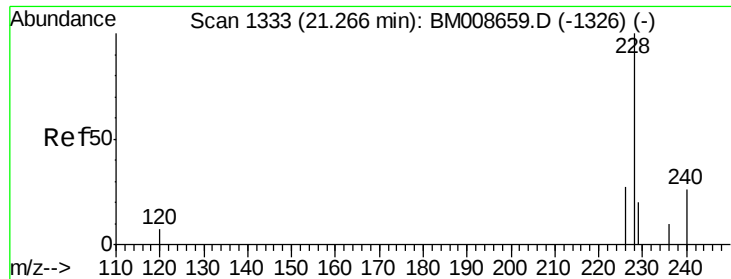
Delta R.T. -0.04 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Tgt Ion:	202	Resp:	71653
Ion Ratio	Lower	Upper	
202	100		
200	20.3	18.2	27.4
203	20.4	15.6	23.4





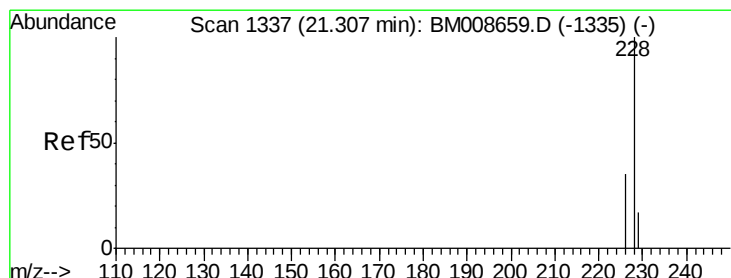
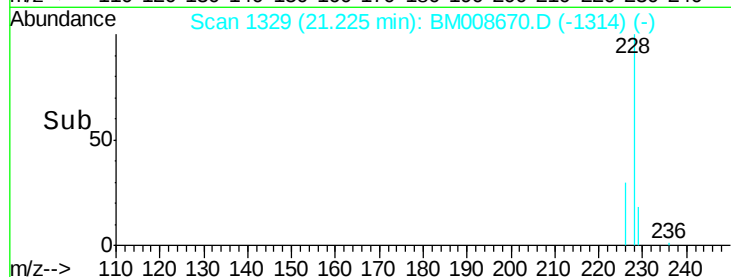
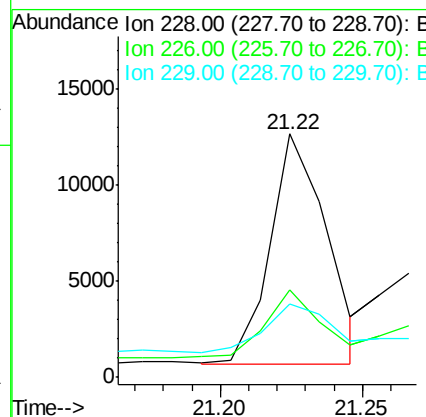
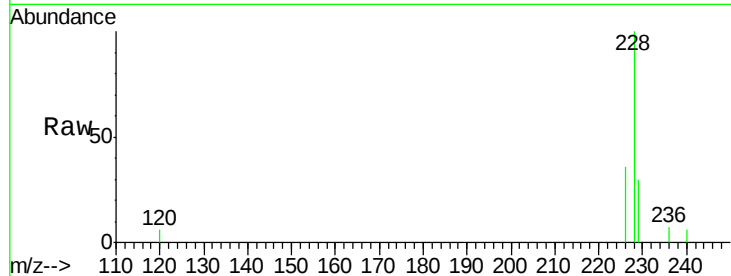
#18
Benzo(a)anthracene
Concen: 2.41 ng/ul m
RT: 21.22 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BM008670.D
Acq: 25 Dec 2016 14:19

Instrument :
BNA_M
ClientSampleId :
DA874DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.1	22.8	34.2#
229	29.9	17.0	25.6#

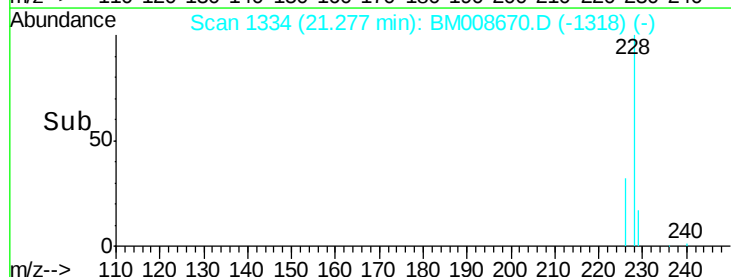
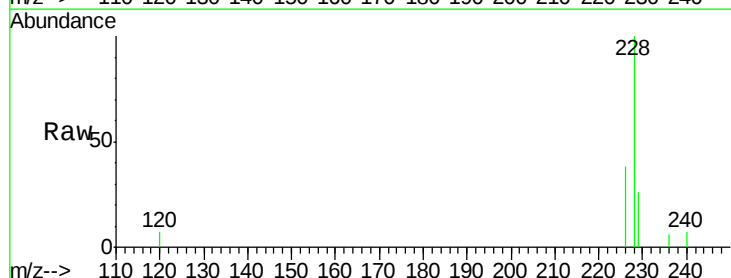
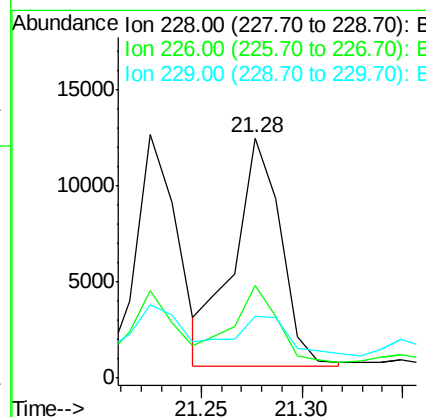
Manual Integrations
APPROVED

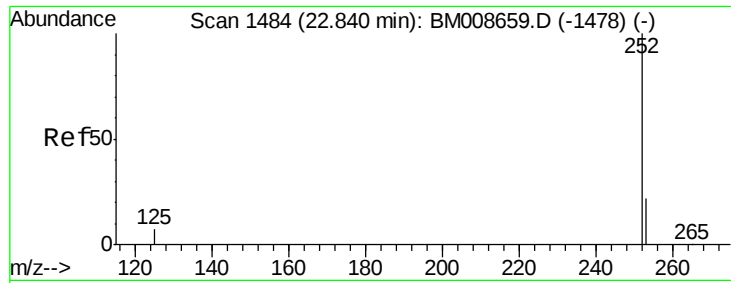
sohil
12/26/2016 6:29:55 PM



#19
Chrysene
Concen: 2.55 ng/ul m
RT: 21.28 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BM008670.D
Acq: 25 Dec 2016 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.4	23.4	35.0#
229	26.0	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 2.54 ng/ul

RT: 22.81 min Scan# 1481

Delta R.T. -0.03 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Instrument :

BNA_M

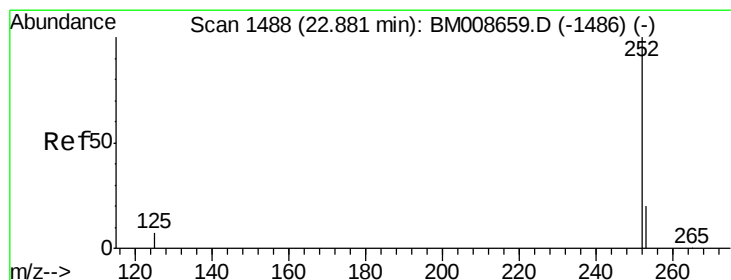
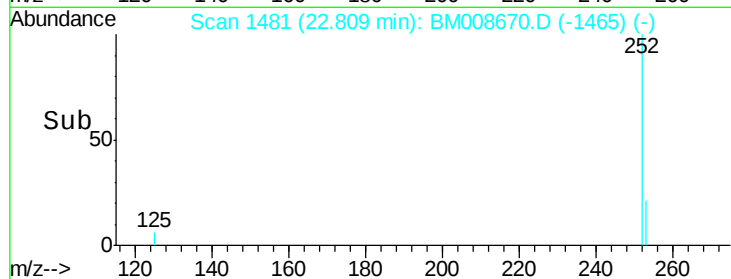
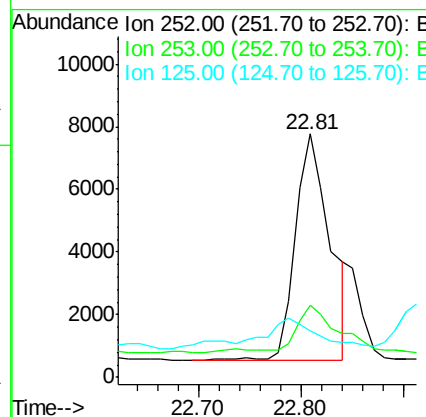
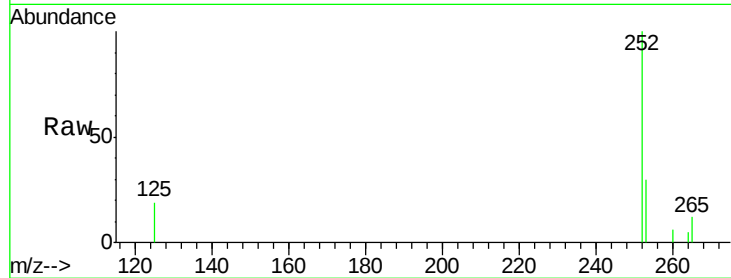
ClientSampleId :

DA874DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	17074		
253	29.7	0.0	64.2	
125	19.1	0.0	35.0	

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM



#22

Benzo(k)fluoranthene

Concen: 0.79 ng/ul m

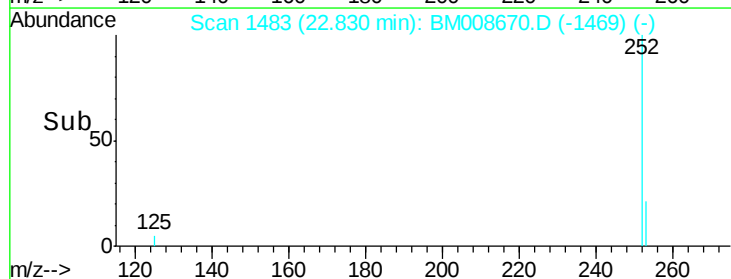
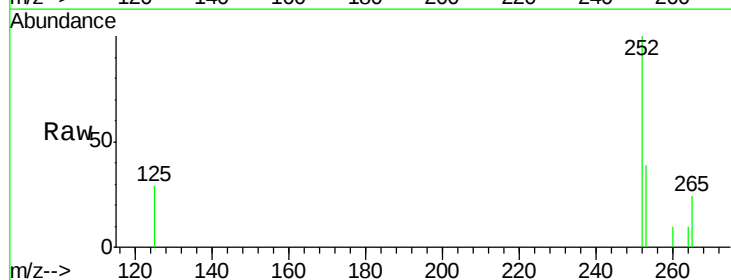
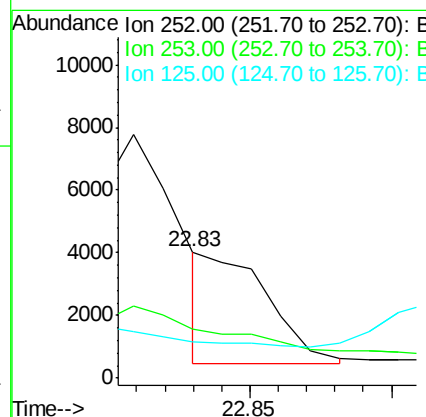
RT: 22.83 min Scan# 1483

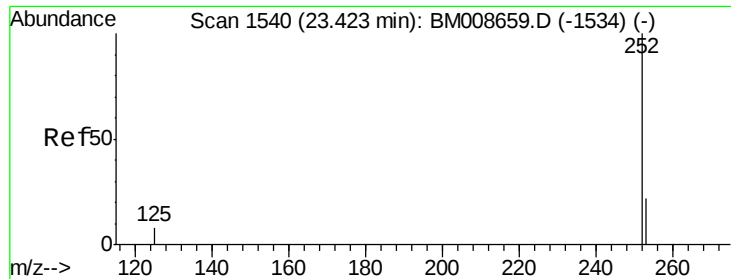
Delta R.T. -0.05 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	5191		
253	38.6	24.5	36.7#	
125	28.8	13.7	20.5#	





#23

Benzo(a)pyrene

Concen: 1.09 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.04 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Instrument :

BNA_M

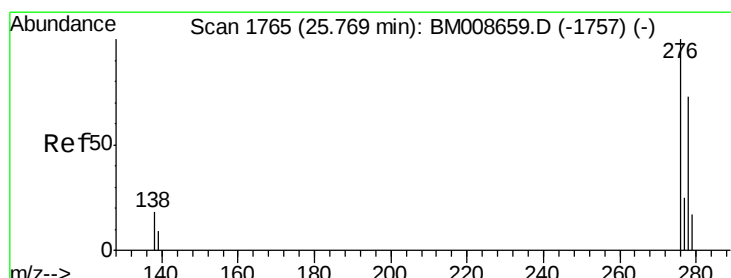
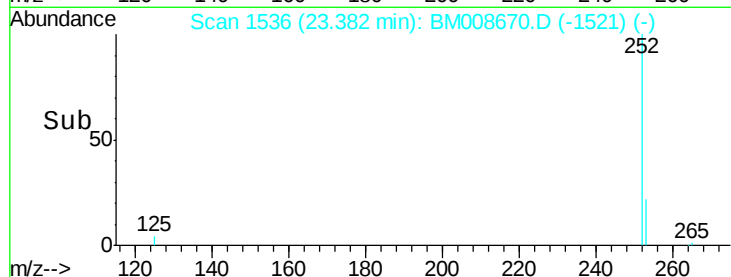
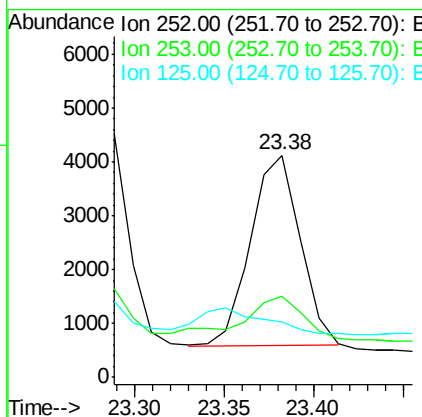
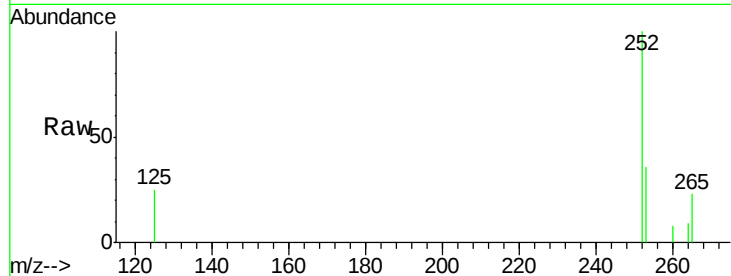
ClientSampleId :

DA874DL

Tgt Ion:	252	Resp:	6782
Ion Ratio	Lower	Upper	
252	100		
253	36.4	28.5	42.7
125	24.9	18.1	27.1

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.56 ng/ul m

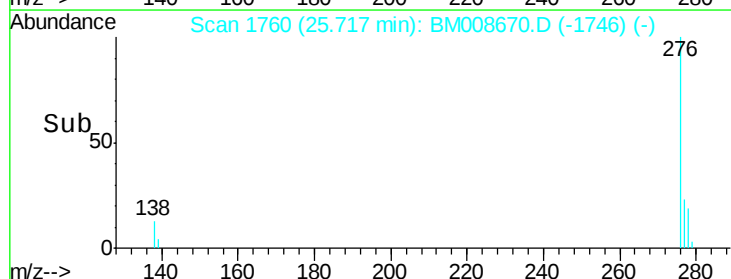
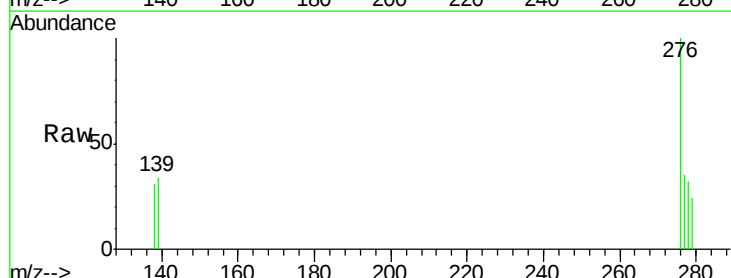
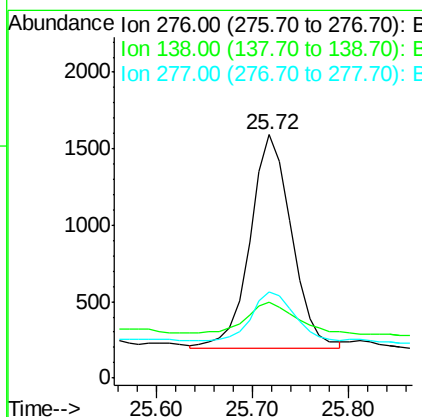
RT: 25.72 min Scan# 1760

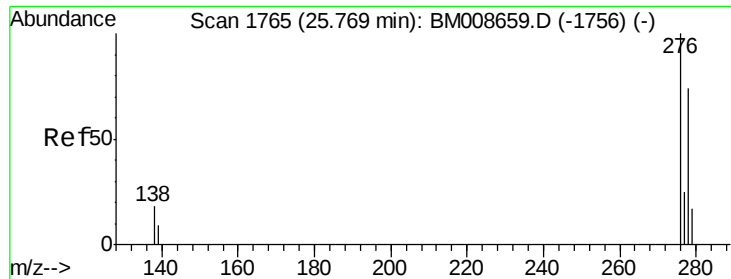
Delta R.T. -0.05 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Tgt Ion:	276	Resp:	4149
Ion Ratio	Lower	Upper	
276	100		
138	75.8	19.1	28.7#
277	0.0	19.6	29.4#





#25

Dibenzo(a,h)anthracene

Concen: 0.25 ng/ul m

RT: 25.71 min Scan# 1759

Delta R.T. -0.06 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Instrument :

BNA_M

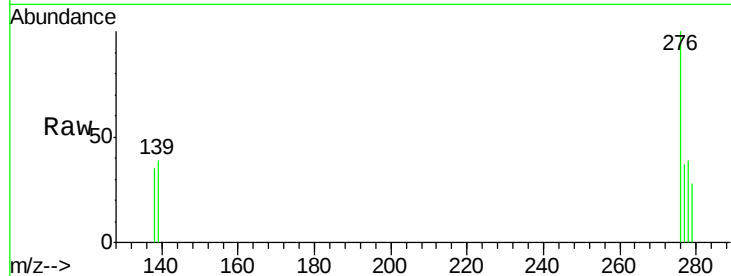
ClientSampleId :

DA874DL

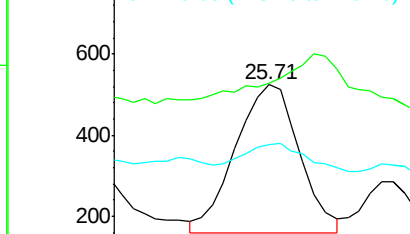
Tgt Ion:	278	Resp:	1492
Ion Ratio	Lower	Upper	
278	100		
139	100.8	17.4	26.0#
279	72.0	25.9	38.9#

Manual Integrations
APPROVED

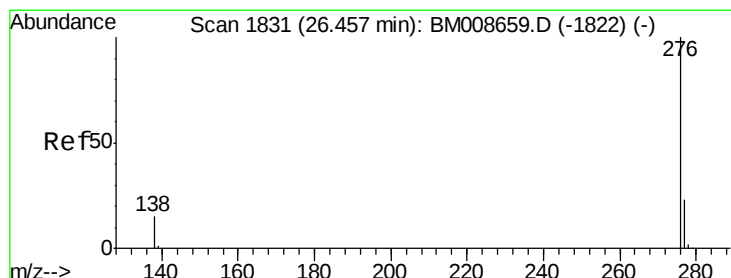
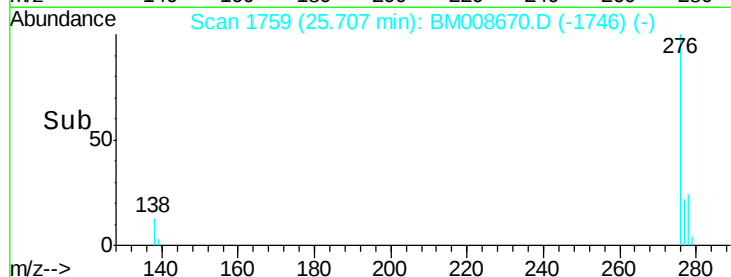
sohil
12/26/2016 6:29:55 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.59 ng/ul m

RT: 26.42 min Scan# 1827

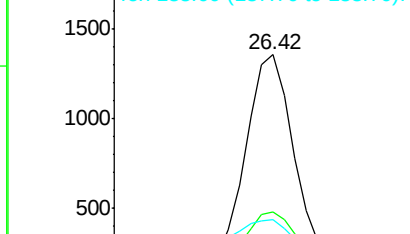
Delta R.T. -0.04 min

Lab File: BM008670.D

Acq: 25 Dec 2016 14:19

Tgt Ion:	276	Resp:	3730
Ion Ratio	Lower	Upper	
276	100		
277	35.4	21.8	32.8#
138	32.1	20.5	30.7#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

