

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
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Quant Time: Dec 26 02:56:34 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 00:55:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	388	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.48	136	1168	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	716	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1333m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	1423	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1402m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	34	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	137m	0.04	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.52	128	326	0.10	ng/ul#	29
5) 2-Methylnaphthalene	12.15	142	507	0.23	ng/ul#	80
7) Acenaphthylene	14.02	152	424	0.13	ng/ul#	62
8) Acenaphthene	14.37	153	208	0.09	ng/ul#	85
9) Fluorene	15.38	166	253	0.09	ng/ul#	81
12) Phenanthrene	17.11	178	1760m	0.43	ng/ul	
13) Anthracene	17.19	178	788m	0.20	ng/ul	
15) Fluoranthene	19.12	202	4572	0.92	ng/ul	97
17) Pyrene	19.48	202	5116	0.93	ng/ul	98
18) Benzo(a)anthracene	21.25	228	3275	0.70	ng/ul#	93
19) Chrysene	21.29	228	2895	0.57	ng/ul#	91
21) Benzo(b)fluoranthene	22.83	252	6012m	1.09	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	2499m	0.46	ng/ul	
23) Benzo(a)pyrene	23.40	252	3550	0.69	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.74	276	2906	0.48	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.74	278	611	0.13	ng/ul#	52
26) Benzo(a,h,i)perylene	26.44	276	2368	0.45	ng/ul	92

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

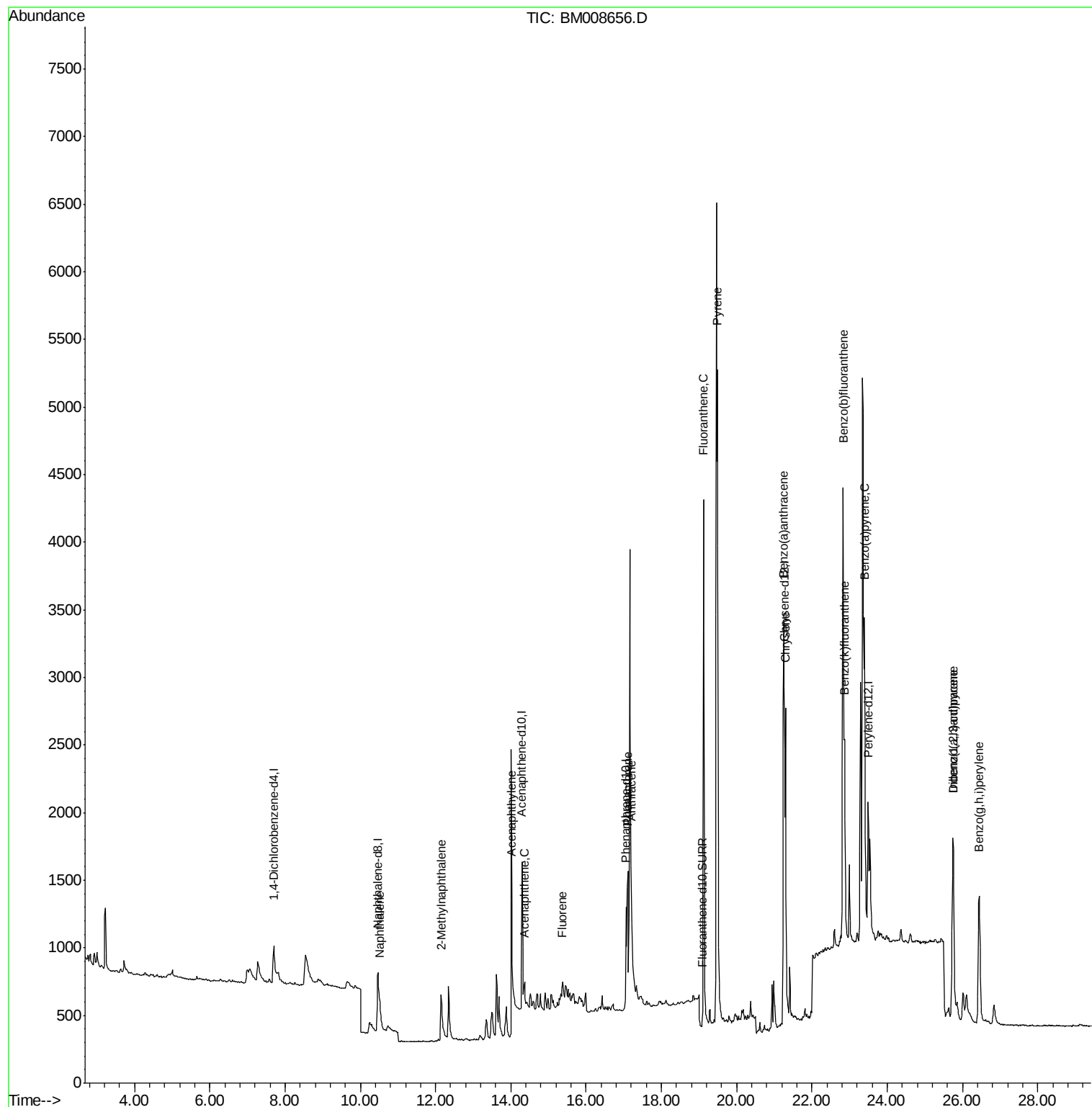
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
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ALS Vial : 71 Sample Multiplier: 1

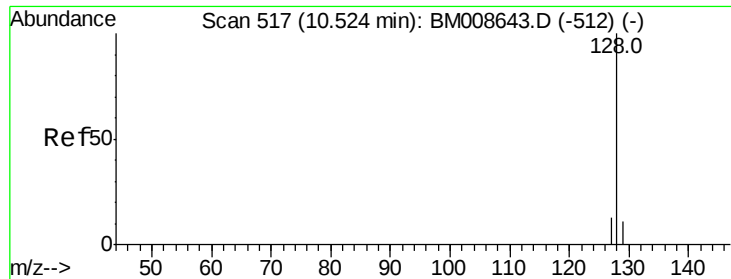
Instrument :
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DA880DL

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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#3

Naphthalene

Concen: 0.10 ng/ul

RT: 10.52 min Scan# 517

Delta R.T. 0.00 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Instrument :

BNA_M

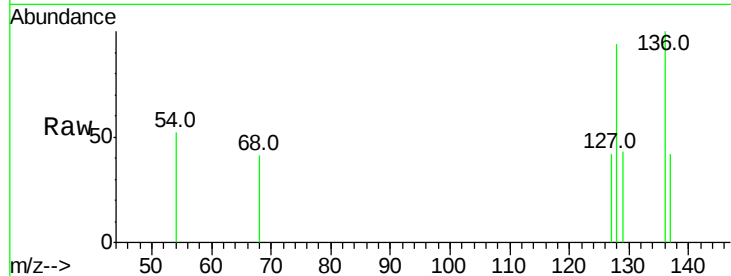
ClientSampleID :

DA880DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	45.6	11.3	16.9#
127	44.1	12.8	19.2#

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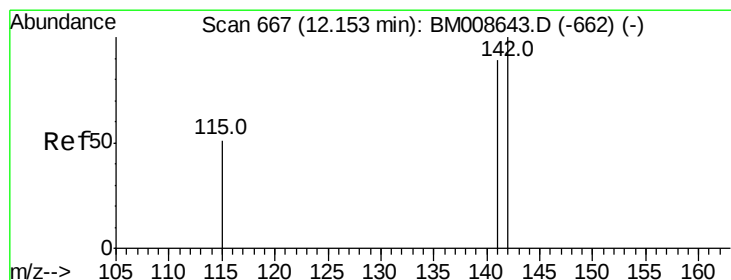
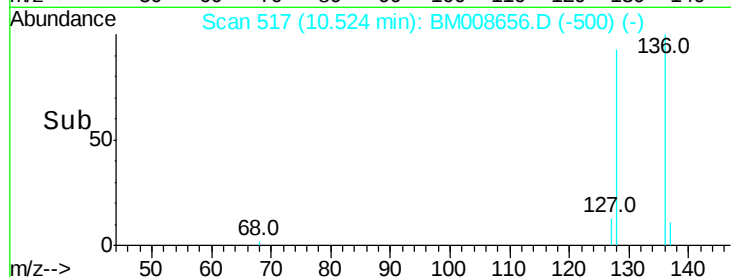
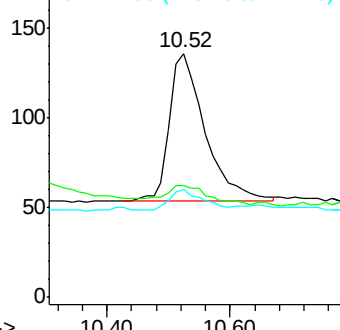
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.23 ng/ul

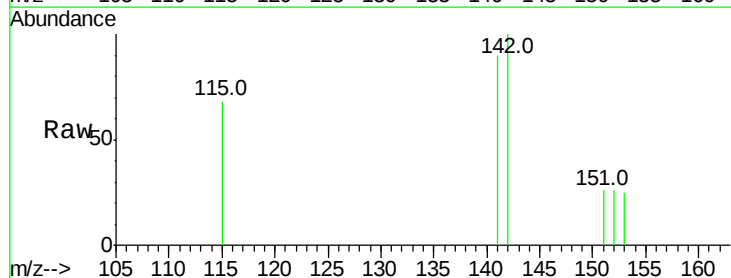
RT: 12.15 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM008656.D

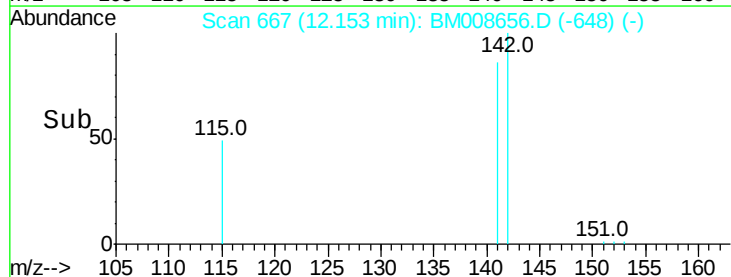
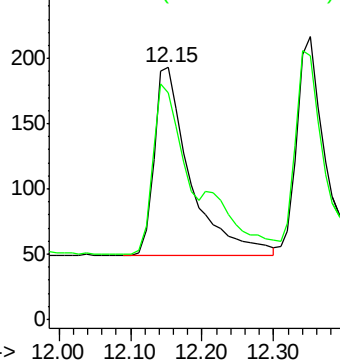
Acq: 25 Dec 2016 05:27

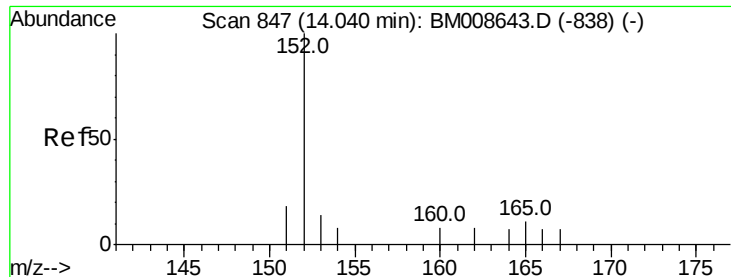
Tgt Ion	Ratio	Lower	Upper
142	100		
141	109.7	72.6	108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.13 ng/ul

RT: 14.02 min Scan# 846

Delta R.T. -0.02 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Instrument :

BNA_M

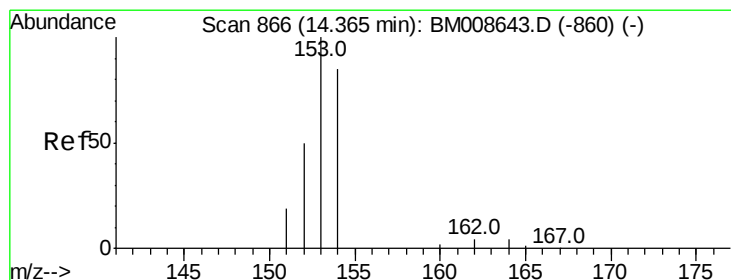
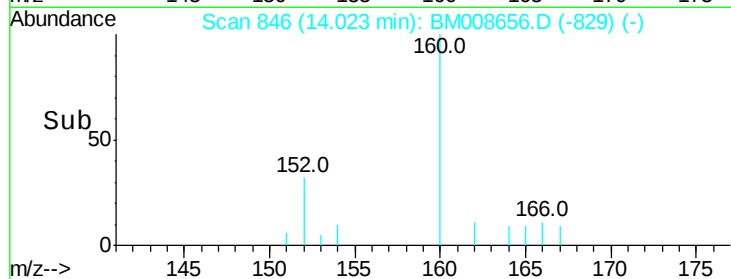
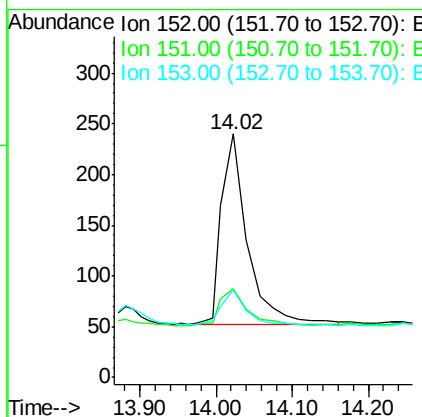
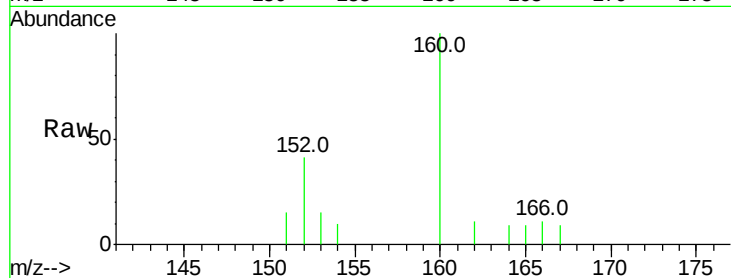
ClientSampleId :

DA880DL

Tot Ion:	152	Resp:	424
Ion Ratio	Lower	Upper	
152	100		
151	36.3	17.1	25.7#
153	35.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.09 ng/ul

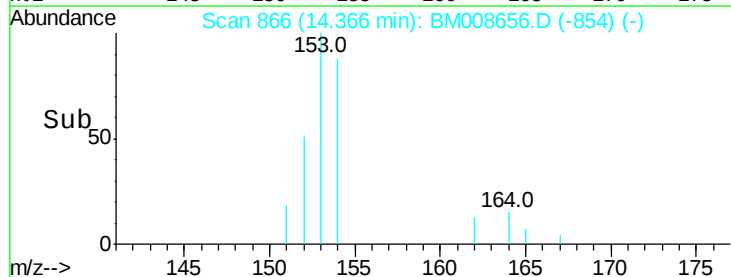
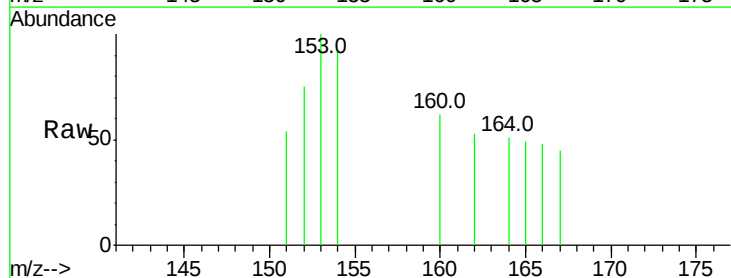
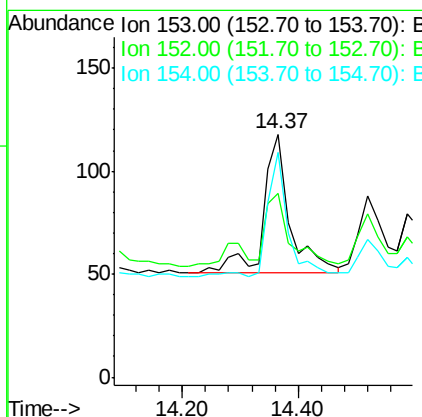
RT: 14.37 min Scan# 866

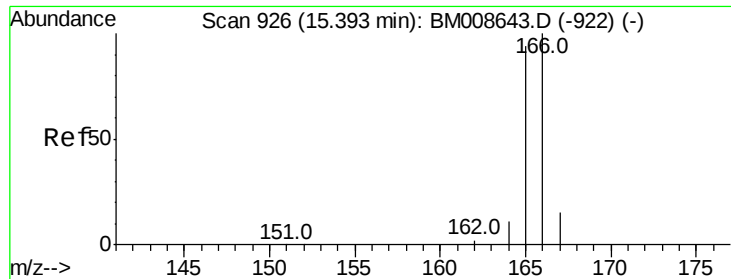
Delta R.T. 0.00 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Tgt Ion:	153	Resp:	208
Ion Ratio	Lower	Upper	
153	100		
152	75.4	40.3	60.5#
154	92.4	71.4	107.2





#9

Fluorene

Concen: 0.09 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Instrument :

BNA_M

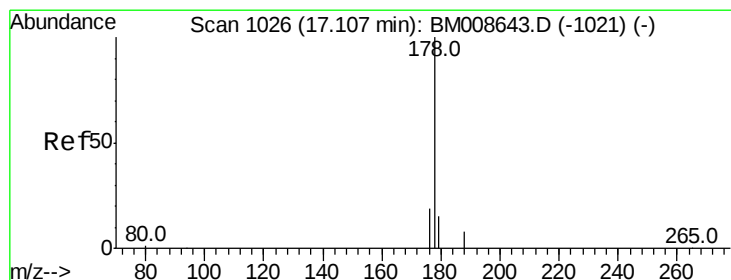
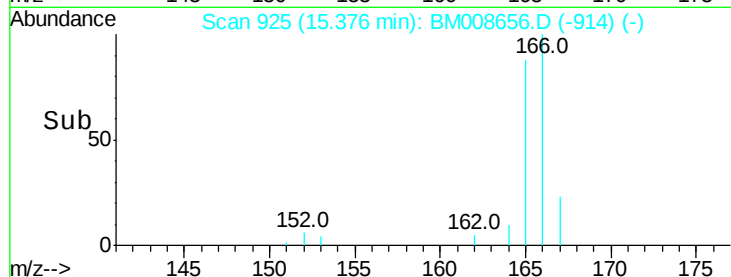
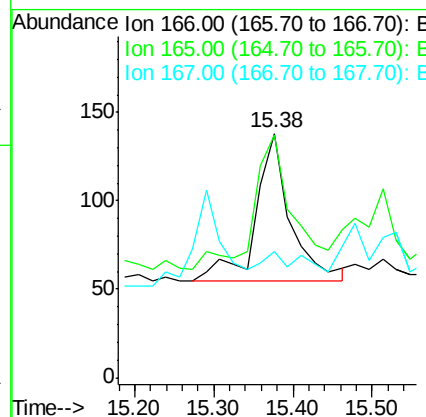
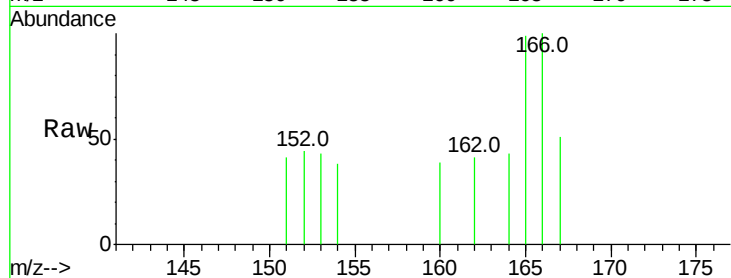
ClientSampleId :

DA880DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		253		
165	99.3	73.4	110.2		
167	51.4	14.6	22.0		

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#12

Phenanthrene

Concen: 0.43 ng/ul m

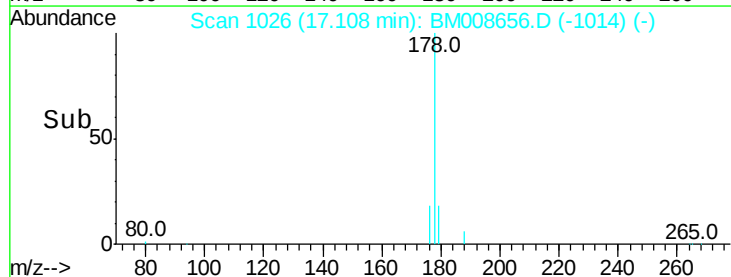
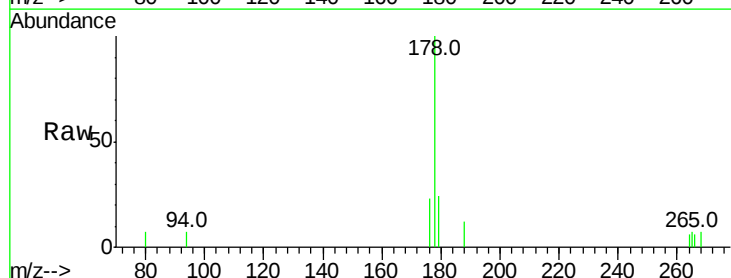
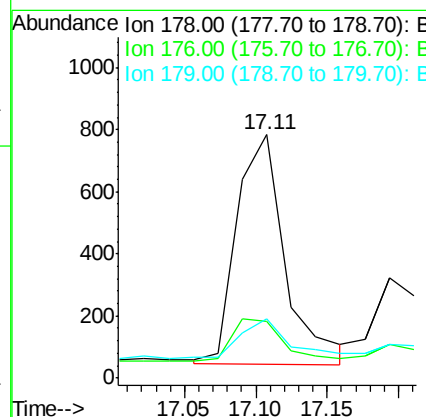
RT: 17.11 min Scan# 1026

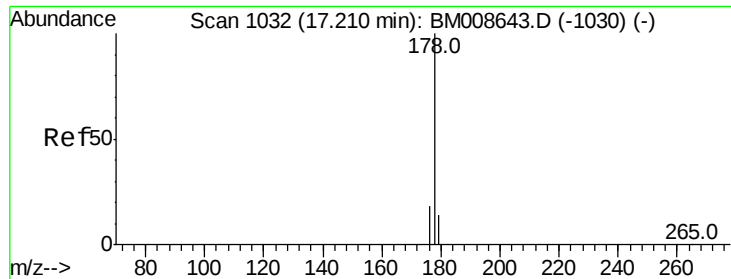
Delta R.T. 0.00 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		1760		
176	23.2	18.4	27.6		
179	24.4	13.6	20.4		





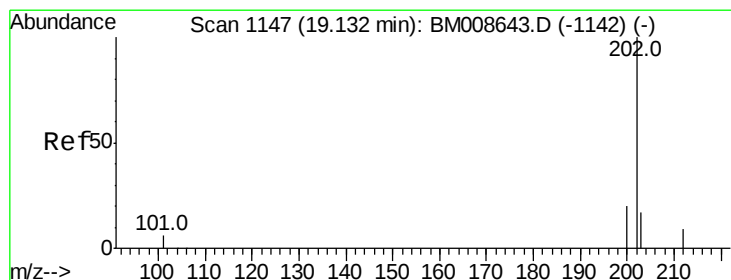
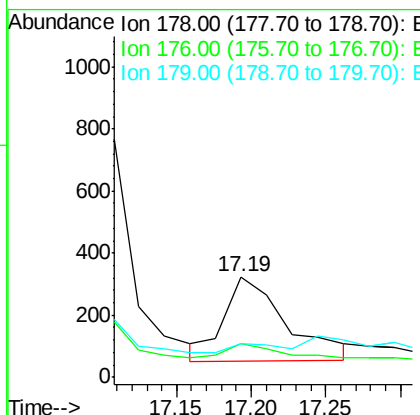
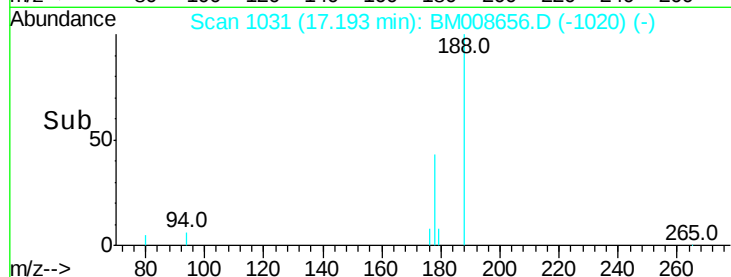
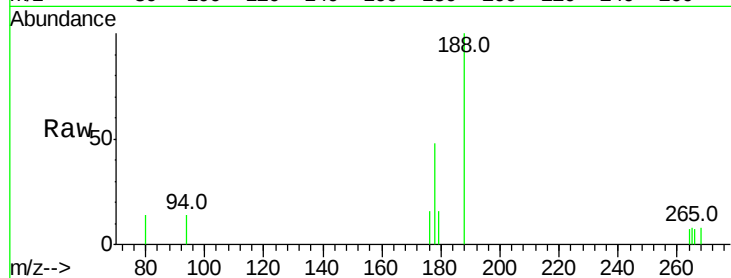
#13
 Anthracene
 Concen: 0.20 ng/ul m
 RT: 17.19 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM008656.D
 Acq: 25 Dec 2016 05:27

Instrument :
 BNA_M
 ClientSampled :
 DA880DL

Tot Ion:178 Resp: 788
 Ion Ratio Lower Upper
 178 100
 176 33.0 18.1 27.1#
 179 34.0 14.7 22.1#

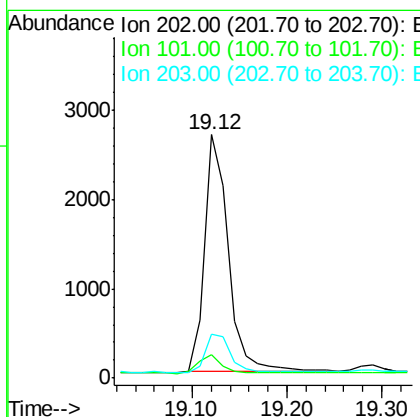
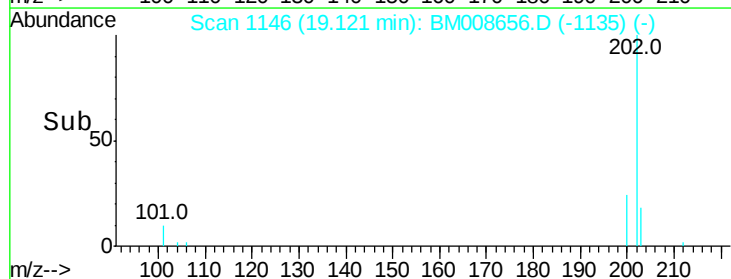
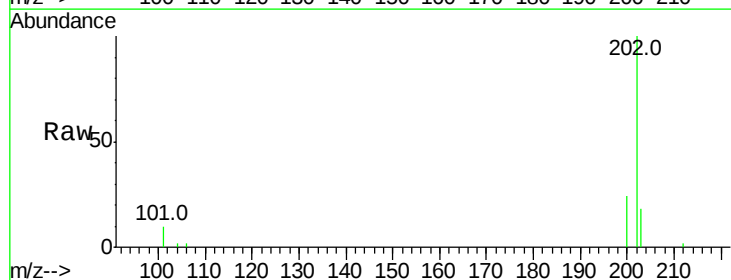
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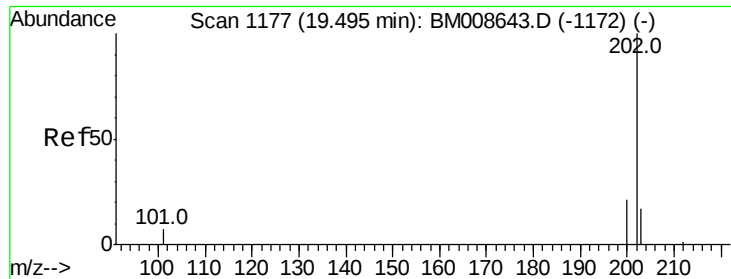
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#15
 Fluoranthene
 Concen: 0.92 ng/ul
 RT: 19.12 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BM008656.D
 Acq: 25 Dec 2016 05:27

Tgt Ion:202 Resp: 4572
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 30.3
 203 17.9 0.0 39.5





#17

Pvrene

Concen: 0.93 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Instrument :

BNA_M

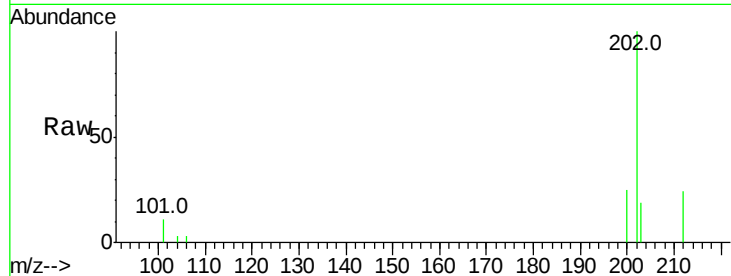
ClientSampleId :

DA880DL

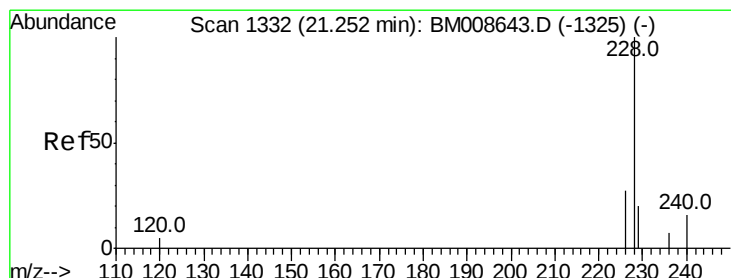
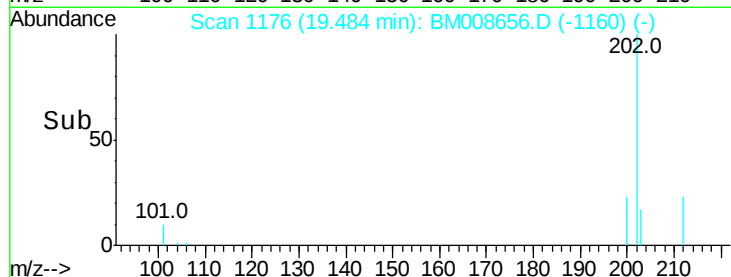
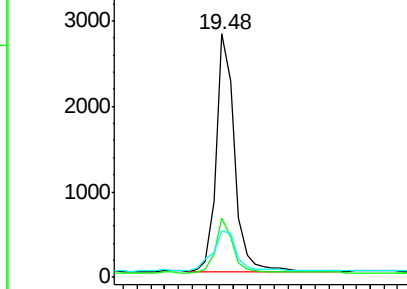
Tot Ion:	202	Resp:	5116
Ion Ratio	Lower	Upper	
202	100		
200	24.5	18.2	27.4
203	19.2	15.6	23.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#18

Benzo(a)anthracene

Concen: 0.70 ng/ul

RT: 21.25 min Scan# 1332

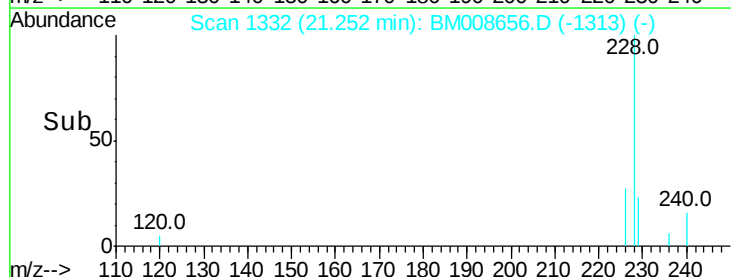
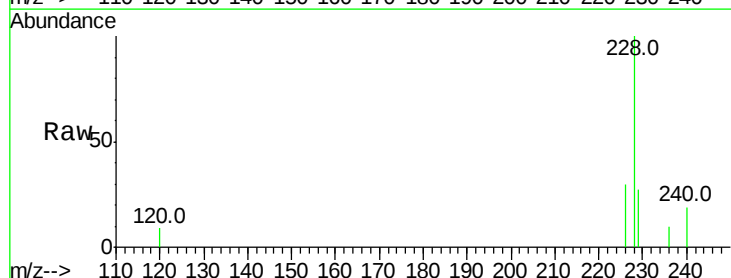
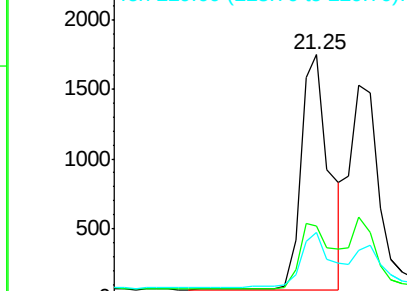
Delta R.T. 0.00 min

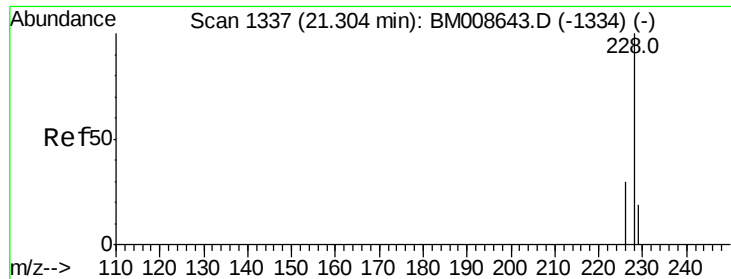
Lab File: BM008656.D

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Tgt Ion:	228	Resp:	3275
Ion Ratio	Lower	Upper	
228	100		
226	29.8	22.8	34.2
229	26.9	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.57 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Instrument :

BNA_M

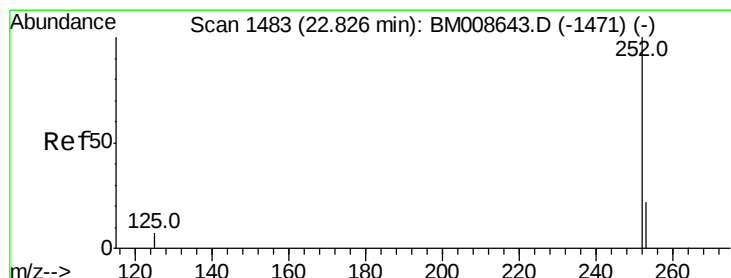
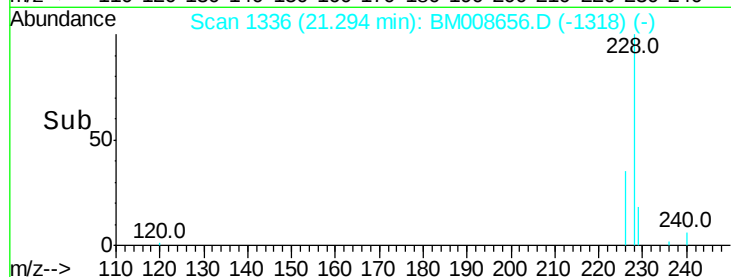
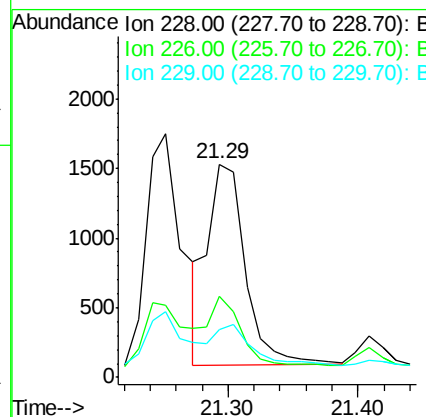
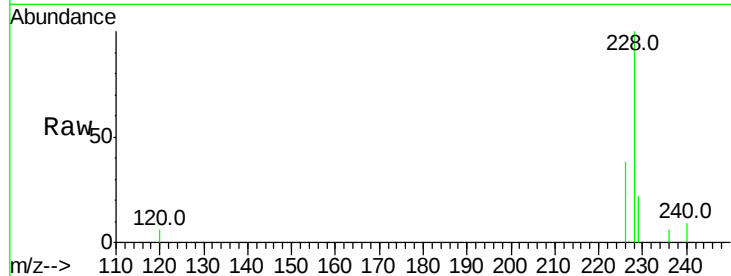
ClientSampleId :

DA880DL

Tot Ion:	228	Resp:	2895
Ion Ratio	Lower	Upper	
228	100		
226	37.8	23.4	35.0#
229	22.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.09 ng/ul m

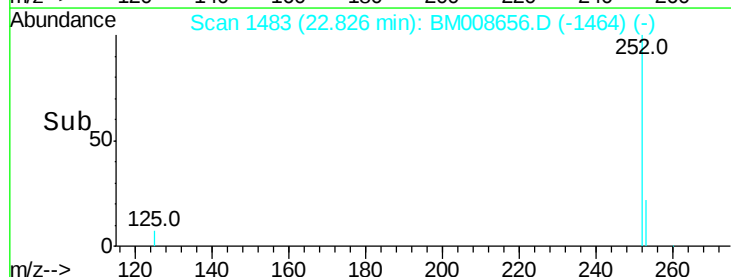
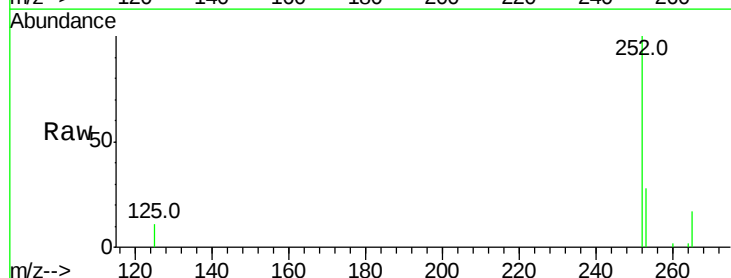
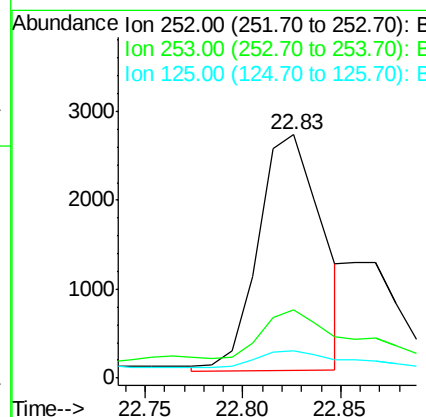
RT: 22.83 min Scan# 1483

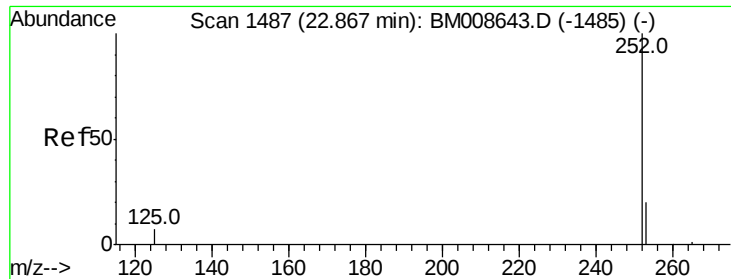
Delta R.T. 0.00 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Tgt Ion:	252	Resp:	6012
Ion Ratio	Lower	Upper	
252	100		
253	28.2	0.0	64.2
125	11.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.46 ng/ul m

RT: 22.86 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Instrument :

BNA_M

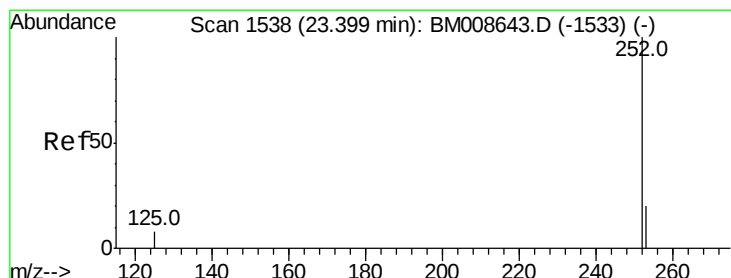
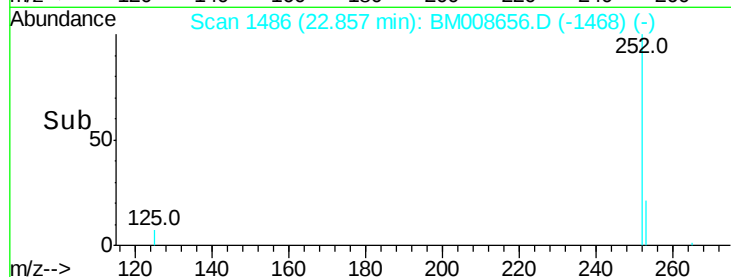
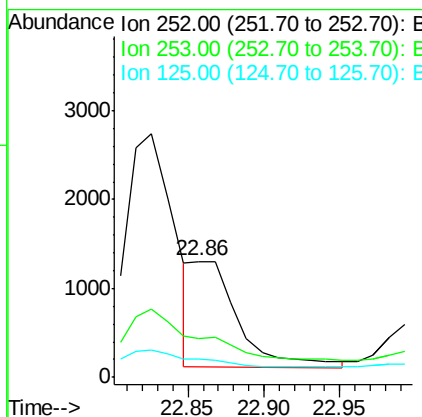
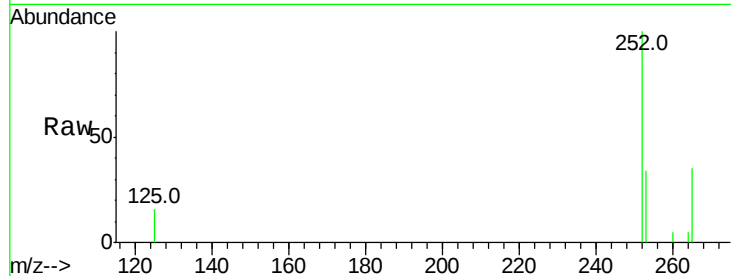
ClientSampleId :

DA880DL

Tot Ion:	252	Resp:	2499
Ion Ratio	Lower	Upper	
252	100		
253	33.7	24.5	36.7
125	15.8	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.69 ng/ul

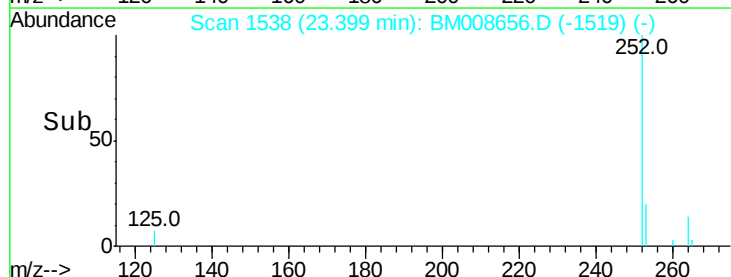
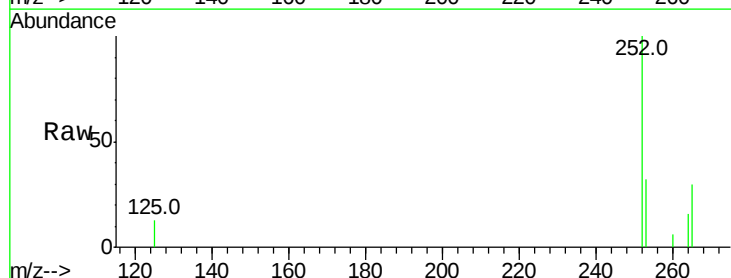
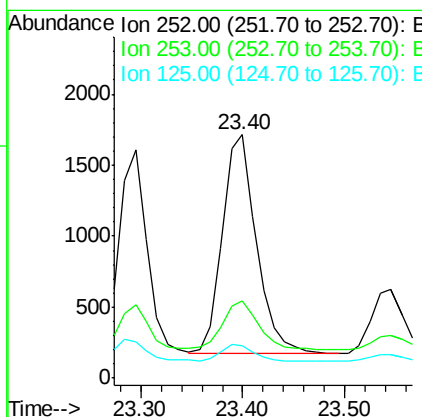
RT: 23.40 min Scan# 1538

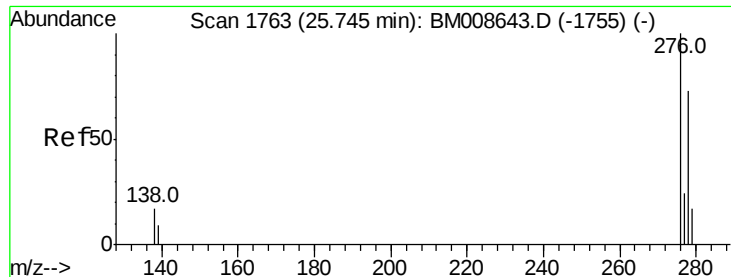
Delta R.T. 0.00 min

Lab File: BM008656.D

Acq: 25 Dec 2016 05:27

Tgt Ion:	252	Resp:	3550
Ion Ratio	Lower	Upper	
252	100		
253	32.0	28.5	42.7
125	13.5	18.1	27.1#





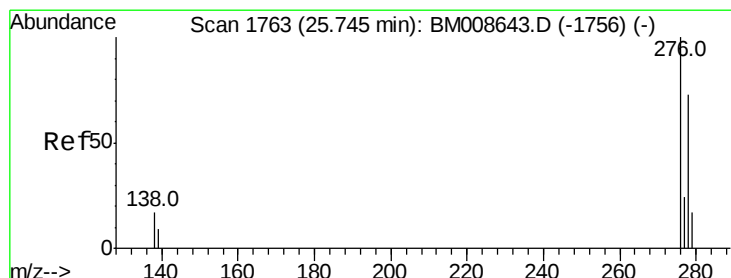
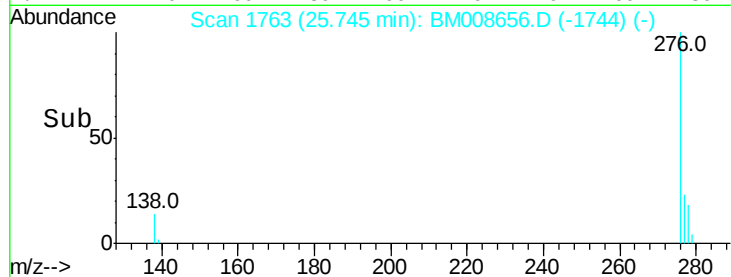
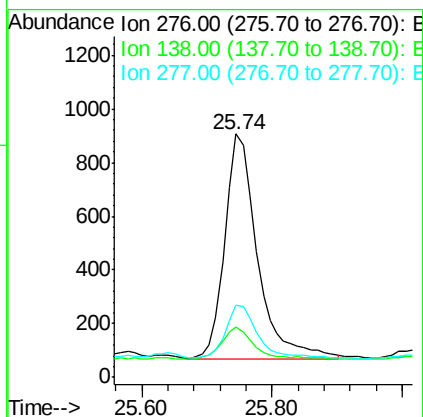
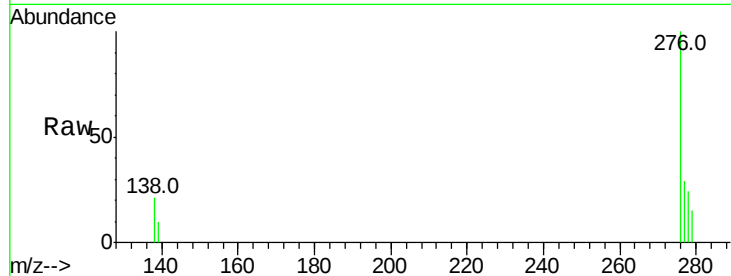
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.48 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BM008656.D
 Acq: 25 Dec 2016 05:27

Instrument :
 BNA_M
 ClientSampleID :
 DA880DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	19.1	28.7#
277	22.6	19.6	29.4

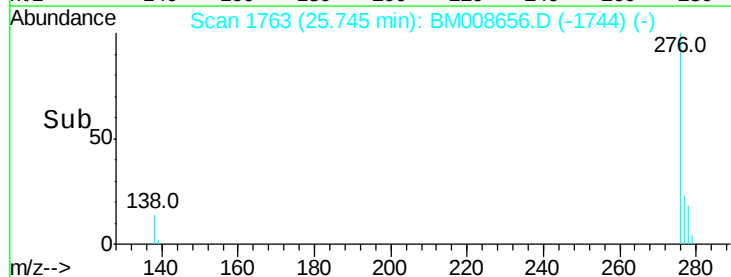
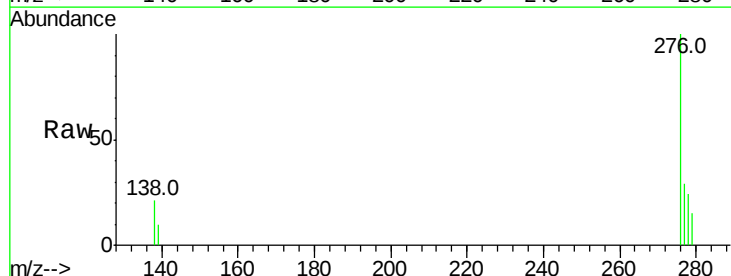
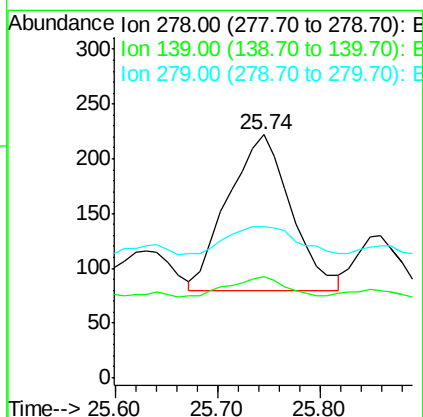
Manual Integrations
 APPROVED

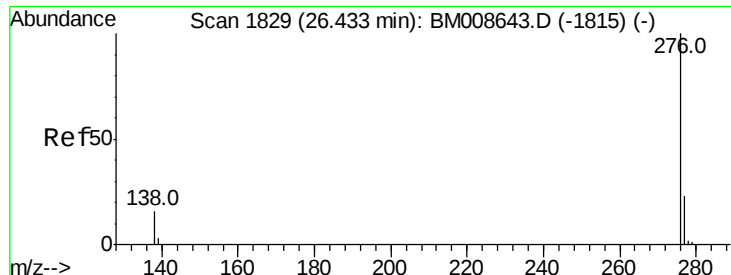
sohil
 12/26/2016 6:28:21 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.13 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BM008656.D
 Acq: 25 Dec 2016 05:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.4	17.4	26.0#
279	62.2	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.45 ng/ul

RT: 26.44 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BM008656.D

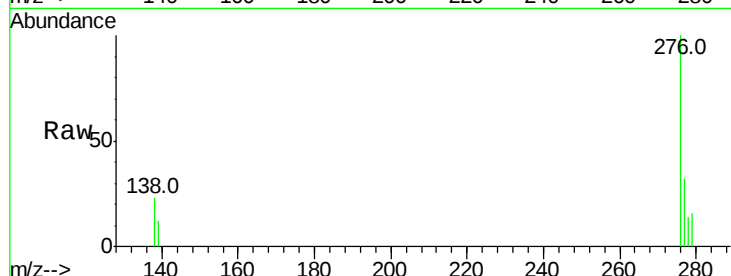
Acq: 25 Dec 2016 05:27

Instrument :

BNA_M

ClientSampleId :

DA880DL



Tot Ion: 276 Resp: 2368

Ion Ratio Lower Upper

276 100

277 32.2 21.8 32.8

138 22.6 20.5 30.7

Manual Integrations

APPROVED

sohil

12/26/2016 6:28:21 PM

