

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008627.D
 Acq On : 24 Dec 2016 11:07
 Operator : UM/SJ
 Sample : H5995-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA888

Manual Integrations
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Quant Time: Dec 25 04:51:44 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	458	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1450	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	920	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1688	0.40	ng/ul	-0.05
16) Chrysene-d12	21.24	240	1546	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1783	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	611	0.27	ng/ul	-0.08
14) Fluoranthene-d10	19.08	212	1213m	0.26	ng/ul	-0.03
Target Compounds						Ovalue
3) Naphthalene	10.48	128	2700	0.66	ng/ul	96
5) 2-Methylnaphthalene	12.09	142	3880	1.41	ng/ul	96
7) Acenaphthylene	14.01	152	530	0.13	ng/ul#	61
8) Acenaphthene	14.35	153	434	0.14	ng/ul#	86
9) Fluorene	15.34	166	244	0.07	ng/ul#	45
12) Phenanthrene	17.07	178	9877	1.92	ng/ul	98
13) Anthracene	17.18	178	1129m	0.23	ng/ul	
15) Fluoranthene	19.11	202	5835m	0.92	ng/ul	
17) Pyrene	19.48	202	7540	1.26	ng/ul	96
18) Benzo(a)anthracene	21.22	228	4562	0.90	ng/ul#	68
19) Chrysene	21.28	228	7550	1.36	ng/ul#	76
21) Benzo(b)fluoranthene	22.81	252	8380m	1.19	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2514m	0.37	ng/ul	
23) Benzo(a)pyrene	23.37	252	5213	0.80	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.71	276	5438	0.70	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.70	278	1904	0.31	ng/ul#	4
26) Benzo(a,h,i)perylene	26.39	276	8186	1.23	ng/ul#	94

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

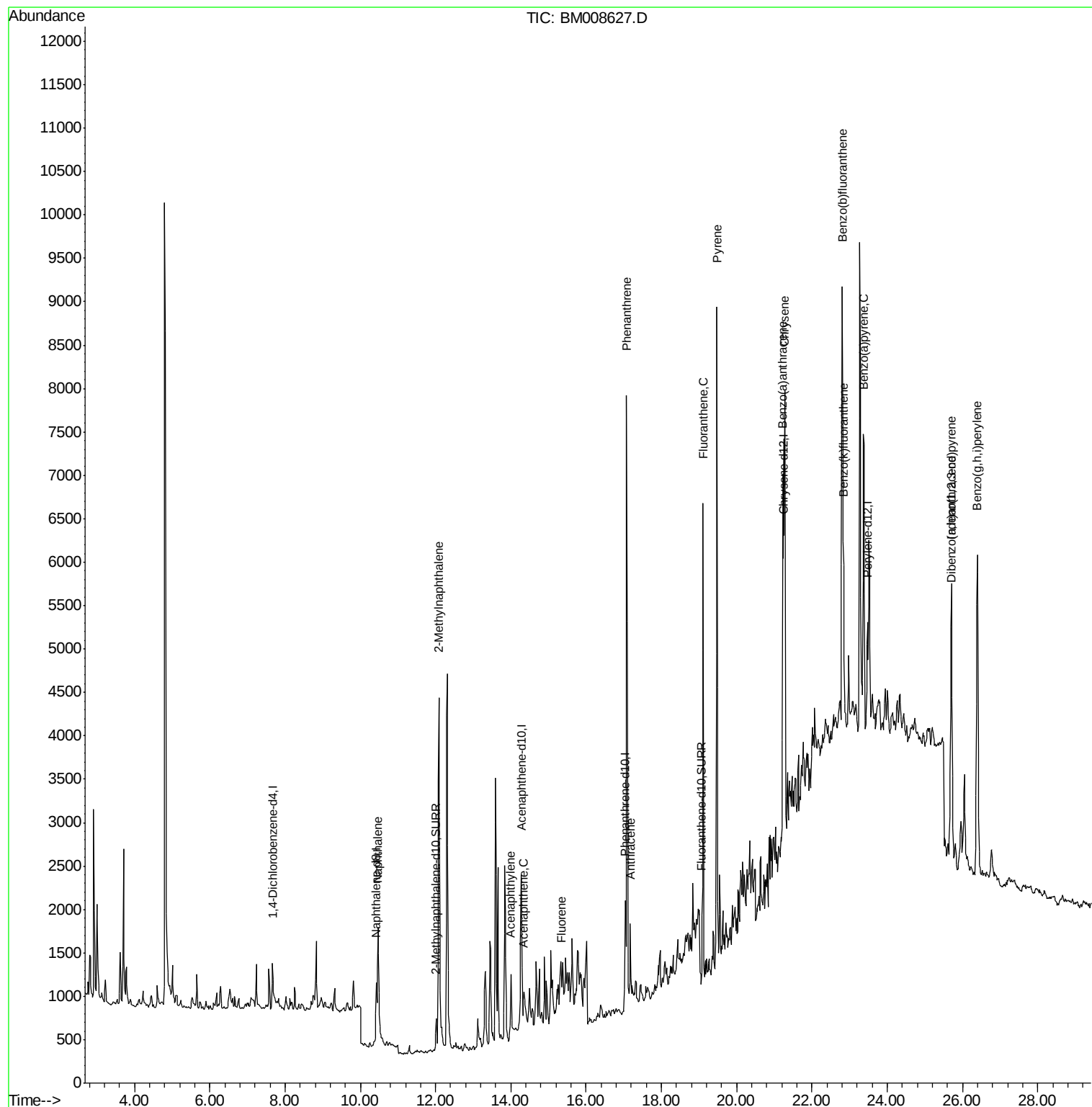
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
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ALS Vial : 33 Sample Multiplier: 1

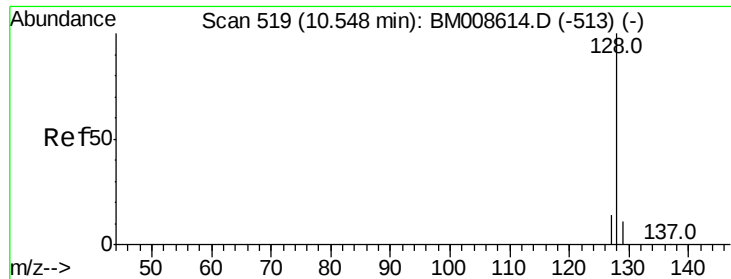
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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#3

Naphthalene

Concen: 0.66 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.07 min

Lab File: BM008627.D

Acq: 24 Dec 2016 11:07

Instrument :

BNA_M

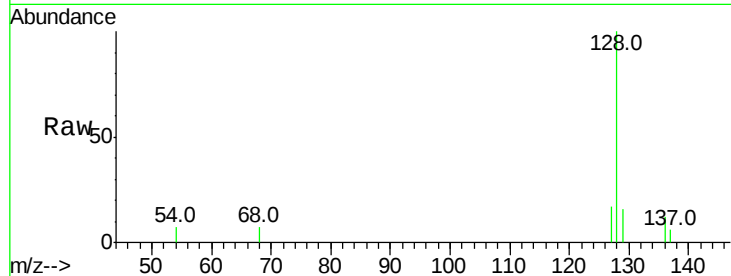
ClientSampleId :

DA888

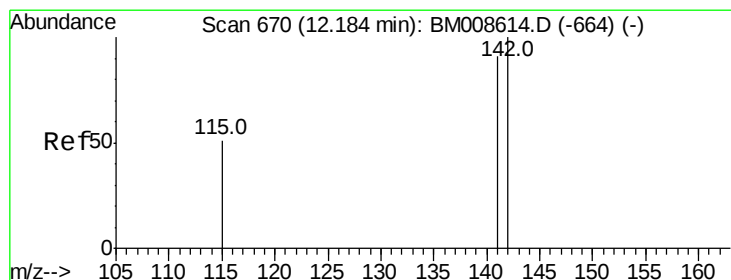
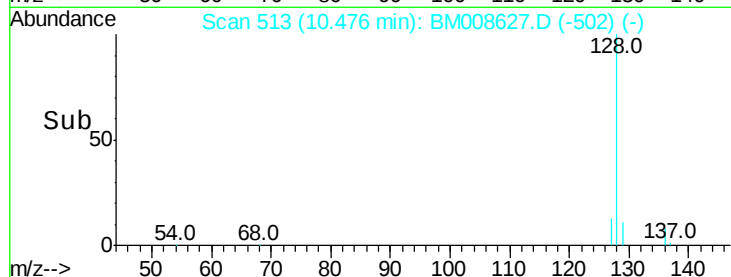
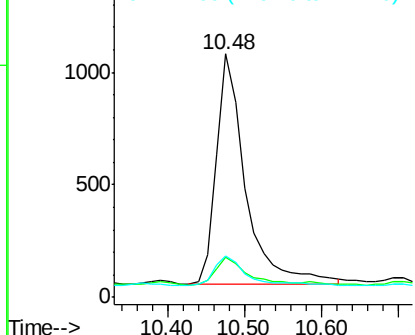
Tot Ion:	128	Resp:	2700
Ion	Ratio	Lower	Upper
128	100		
129	16.3	11.3	16.9
127	17.3	12.8	19.2

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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: 1.41 ng/ul

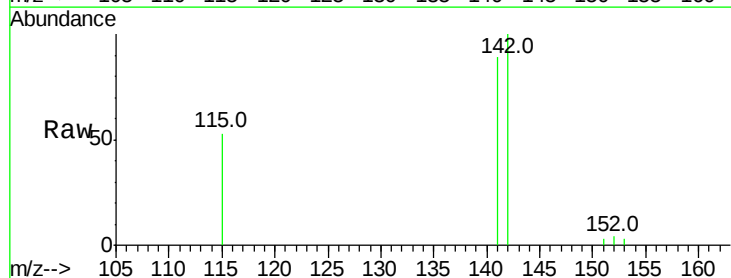
RT: 12.09 min Scan# 661

Delta R.T. -0.09 min

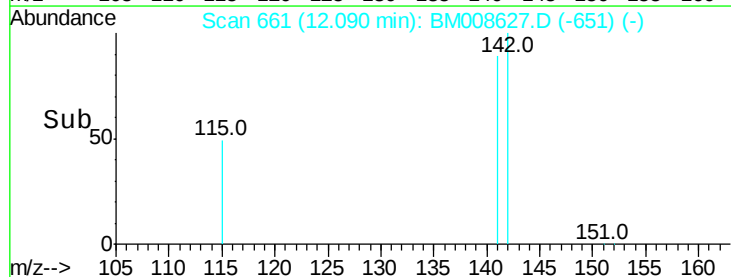
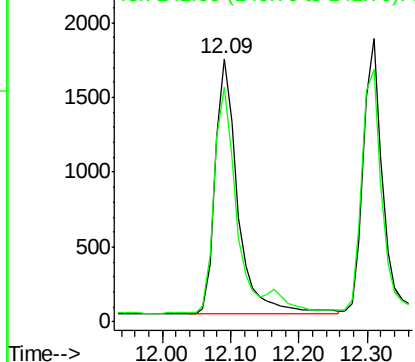
Lab File: BM008627.D

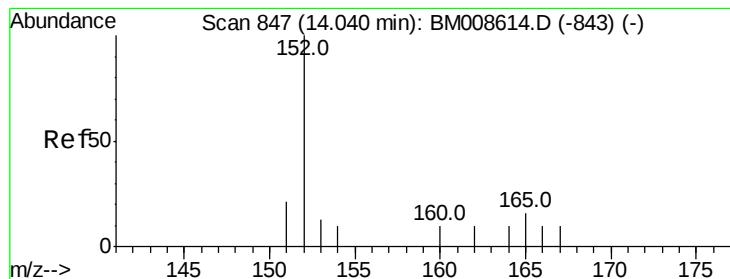
Acq: 24 Dec 2016 11:07

Tgt Ion:	142	Resp:	3880
Ion	Ratio	Lower	Upper
142	100		
141	94.3	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: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008627.D

Acq: 24 Dec 2016 11:07

Instrument :

BNA_M

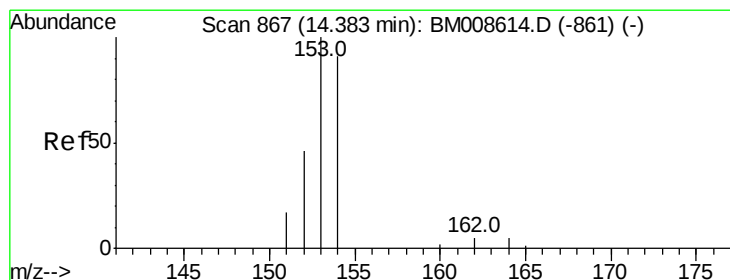
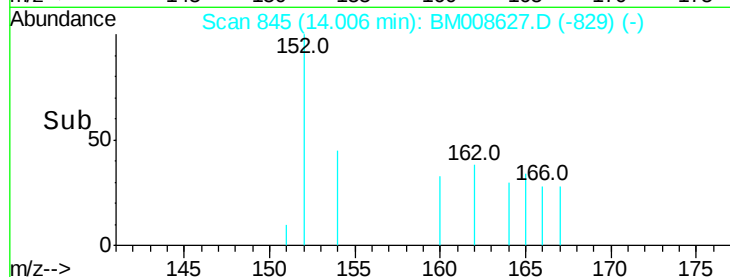
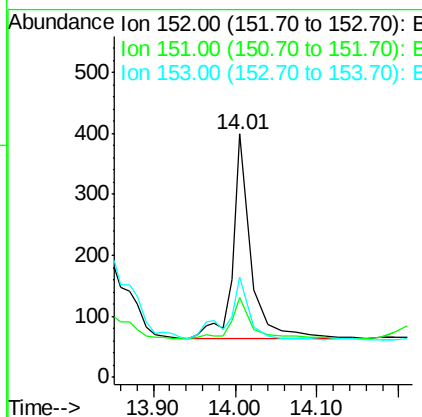
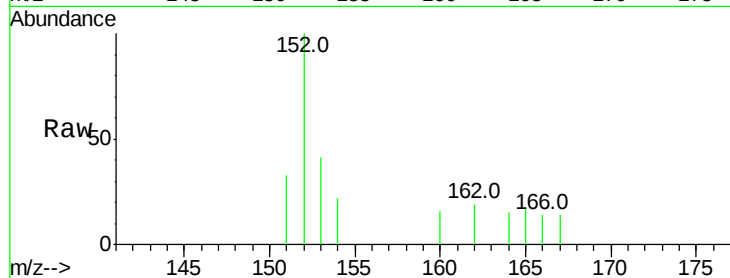
ClientSampleId :

DA888

Tot Ion:	152	Resp:	530
Ion Ratio	Lower	Upper	
152	100		
151	32.8	17.1	25.7#
153	41.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.14 ng/ul

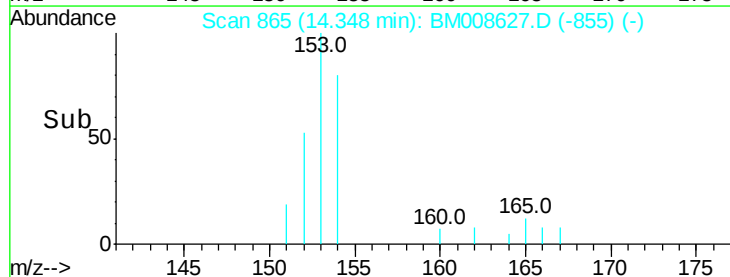
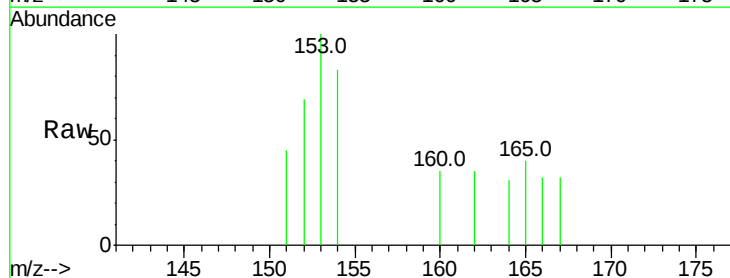
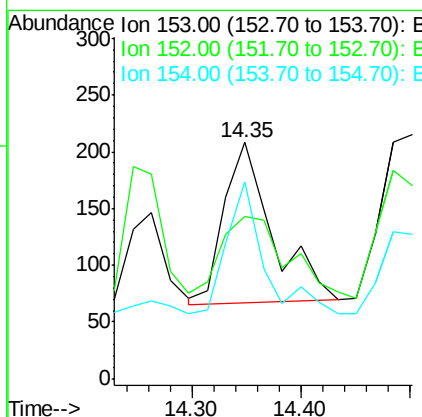
RT: 14.35 min Scan# 865

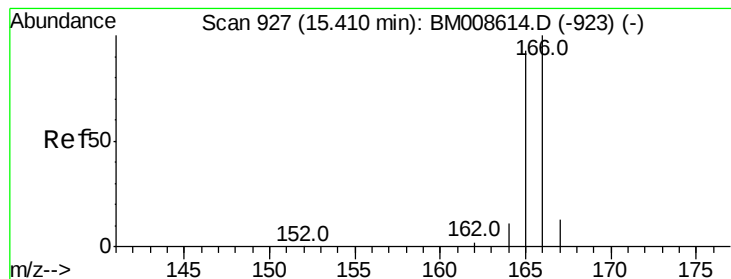
Delta R.T. -0.03 min

Lab File: BM008627.D

Acq: 24 Dec 2016 11:07

Tgt Ion:	153	Resp:	434
Ion Ratio	Lower	Upper	
153	100		
152	68.8	40.3	60.5#
154	83.2	71.4	107.2





#9

Fluorene

Concen: 0.07 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008627.D

Acq: 24 Dec 2016 11:07

Instrument :

BNA_M

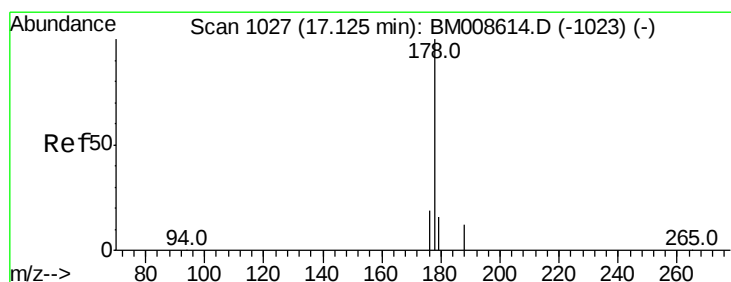
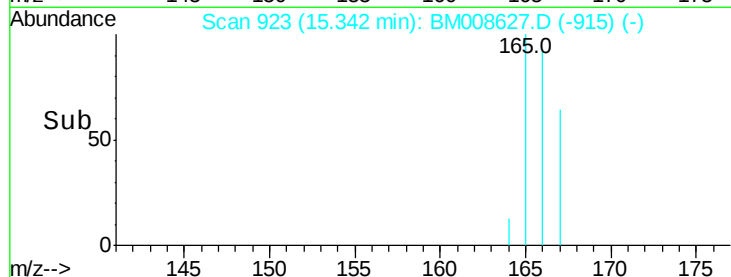
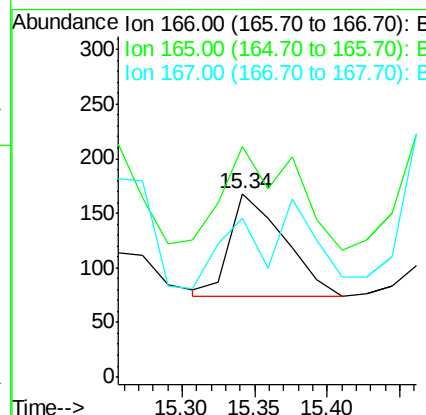
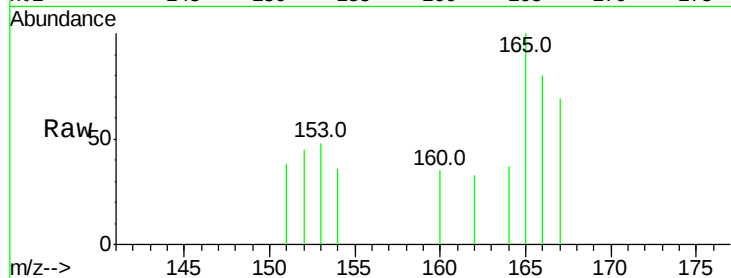
ClientSampleId :

DA888

Tot Ion:	166	Resp:	244
Ion Ratio	Lower	Upper	
166	100		
165	125.6	73.4	110.2#
167	86.9	14.6	22.0#

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#12

Phenanthrene

Concen: 1.92 ng/ul

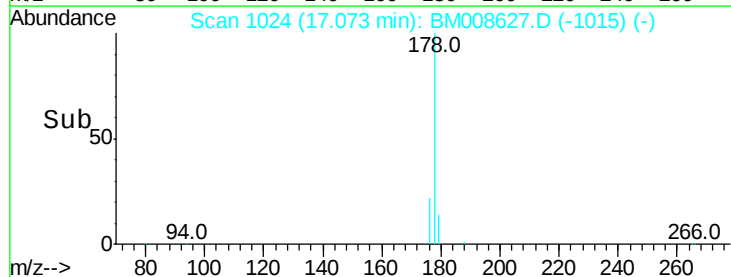
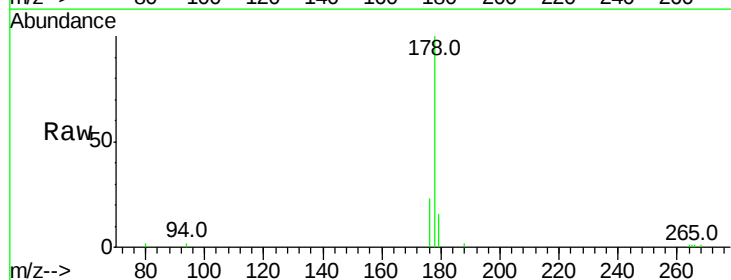
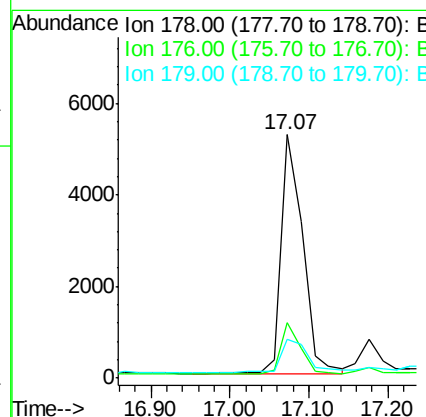
RT: 17.07 min Scan# 1024

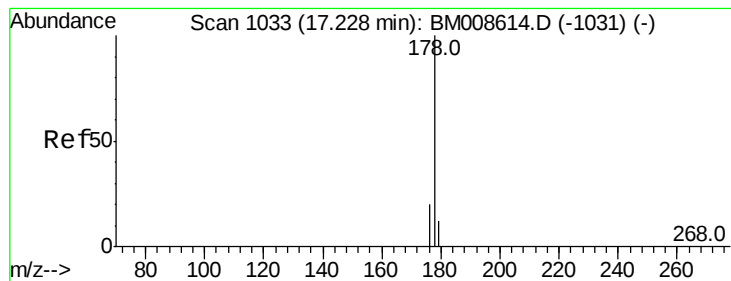
Delta R.T. -0.05 min

Lab File: BM008627.D

Acq: 24 Dec 2016 11:07

Tgt Ion:	178	Resp:	9877
Ion Ratio	Lower	Upper	
178	100		
176	22.7	18.4	27.6
179	15.8	13.6	20.4





#13

Anthracene

Concen: 0.23 ng/ul m

RT: 17.18 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BM008627.D

Acq: 24 Dec 2016 11:07

Instrument :

BNA_M

ClientSampleId :

DA888

Tot Ion:178 Resp: 1129

Ion Ratio Lower Upper

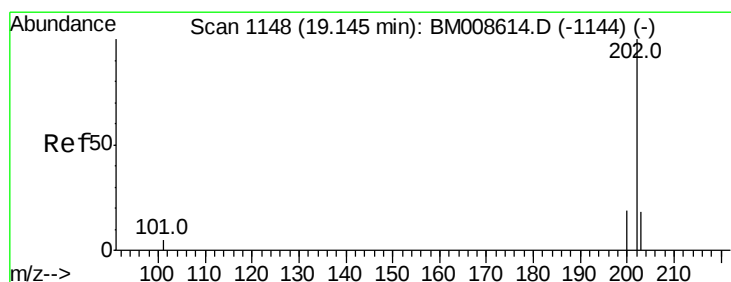
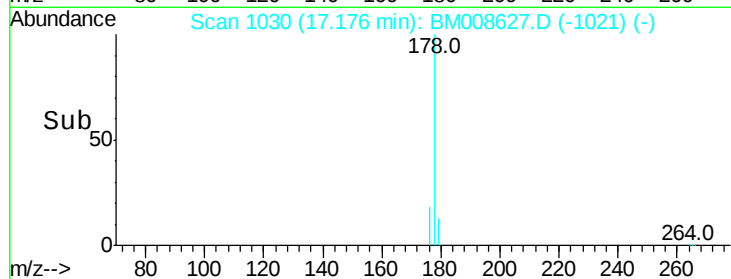
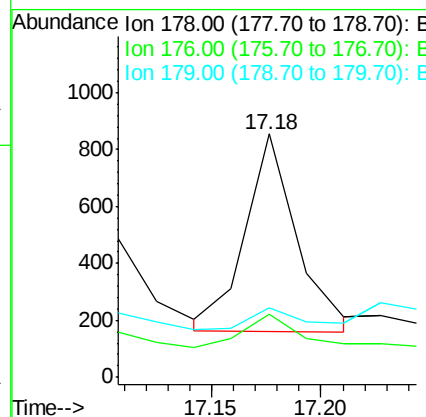
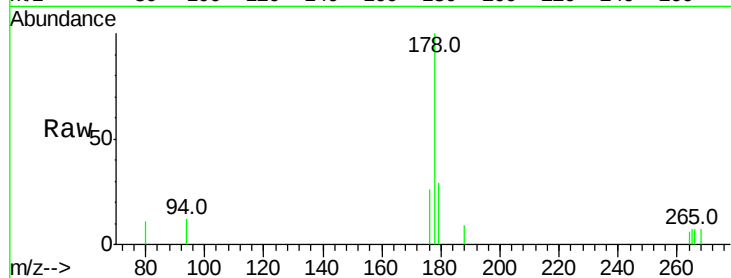
178 100

176 26.1 18.1 27.1

179 28.5 14.7 22.1#

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#15

Fluoranthene

Concen: 0.92 ng/ul m

RT: 19.11 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BM008627.D

Acq: 24 Dec 2016 11:07

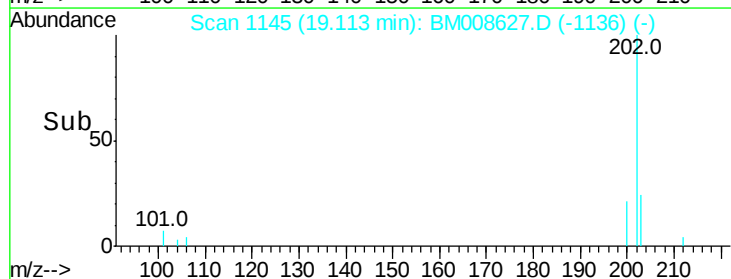
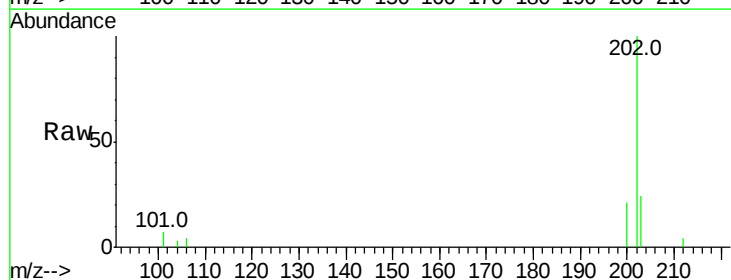
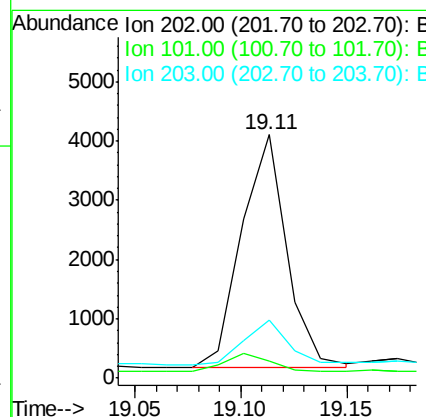
Tgt Ion:202 Resp: 5835

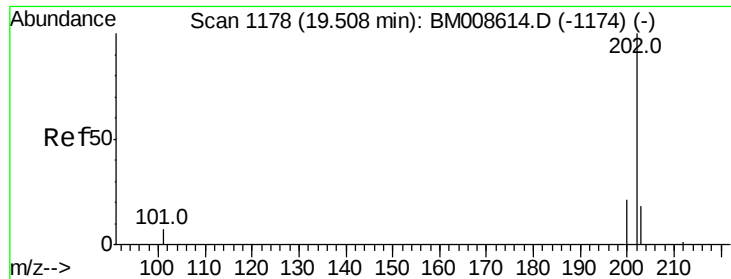
Ion Ratio Lower Upper

202 100

101 7.0 0.0 30.3

203 23.6 0.0 39.5





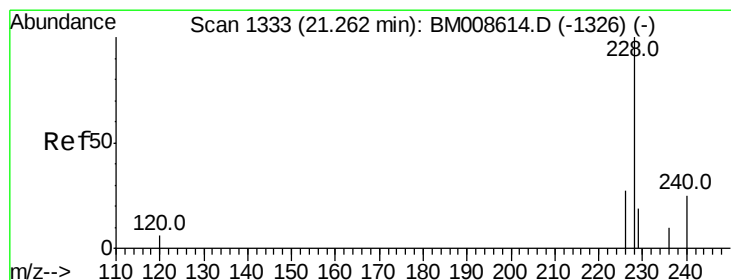
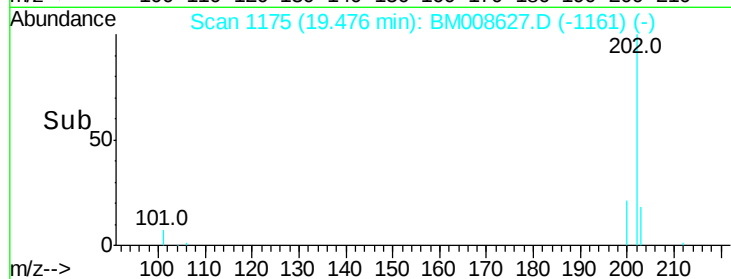
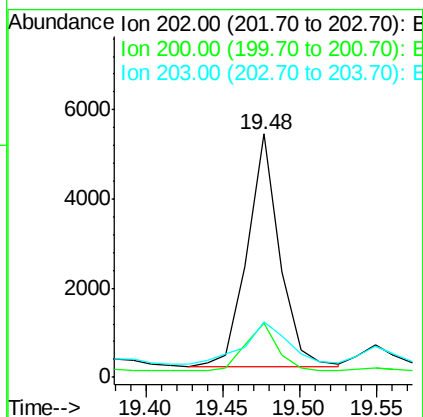
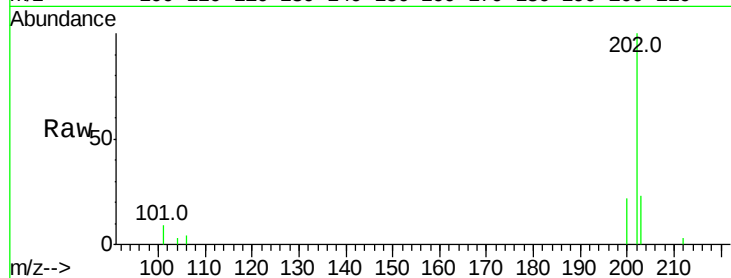
#17
Pvrene
Concen: 1.26 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BM008627.D
Acq: 24 Dec 2016 11:07

Instrument :
BNA_M
ClientSampleId :
DA888

Tot Ion:	202	Resp:	7540
Ion Ratio	Lower	Upper	
202	100		
200	22.0	18.2	27.4
203	22.7	15.6	23.4

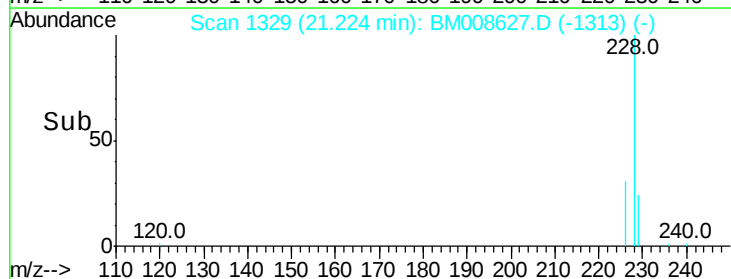
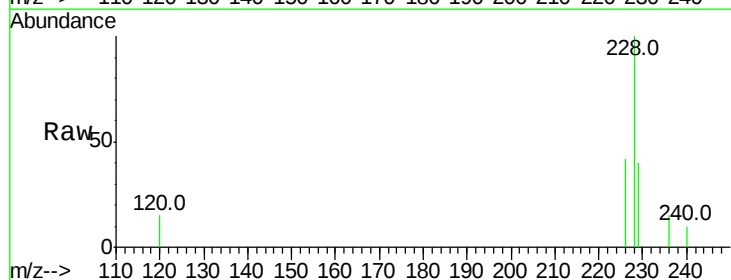
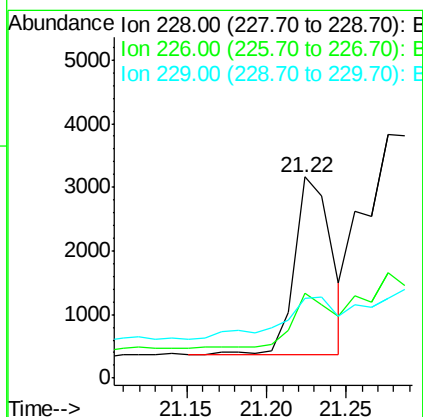
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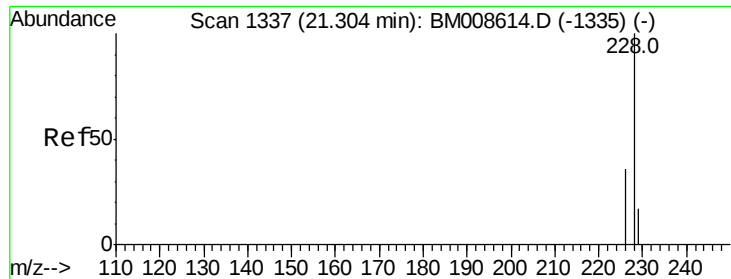
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#18
Benzo(a)anthracene
Concen: 0.90 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BM008627.D
Acq: 24 Dec 2016 11:07

Tgt Ion:	228	Resp:	4562
Ion Ratio	Lower	Upper	
228	100		
226	42.4	22.8	34.2#
229	39.9	17.0	25.6#





#19

Chrysene

Concen: 1.36 ng/ul

RT: 21.28 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BM008627.D

Acq: 24 Dec 2016 11:07

Instrument :

BNA_M

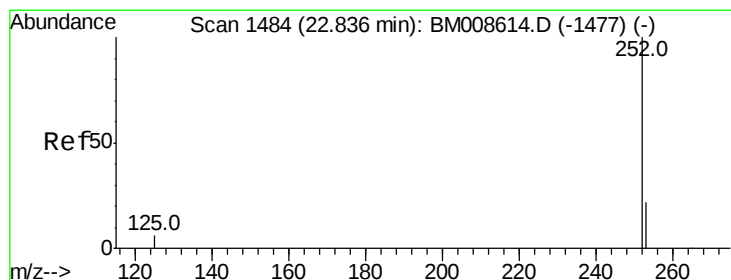
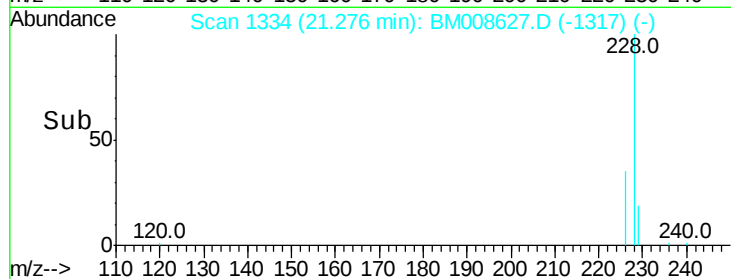
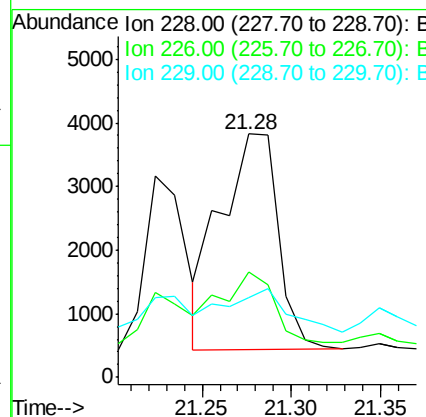
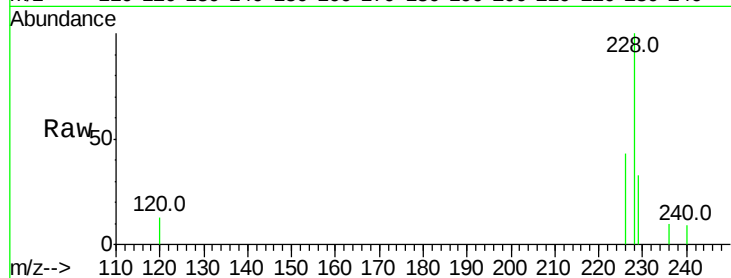
ClientSampled :

DA888

Tot Ion:	228	Resp:	7550
Ion Ratio	Lower	Upper	
228	100		
226	43.3	23.4	35.0#
229	32.5	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.19 ng/ul m

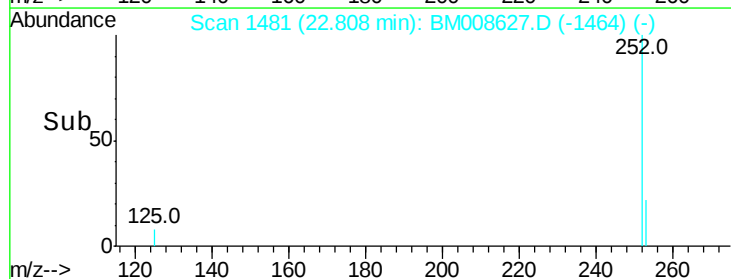
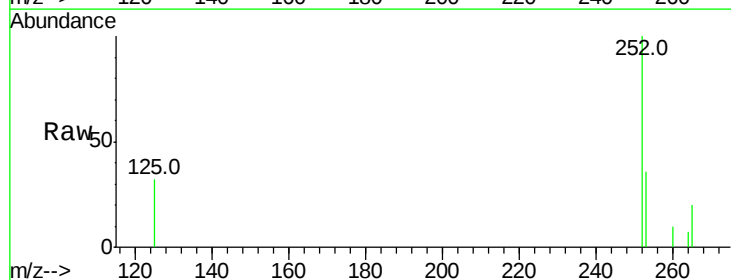
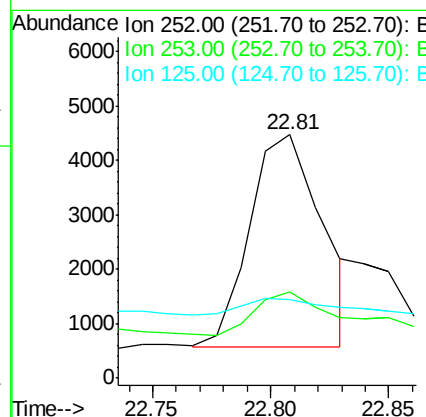
RT: 22.81 min Scan# 1481

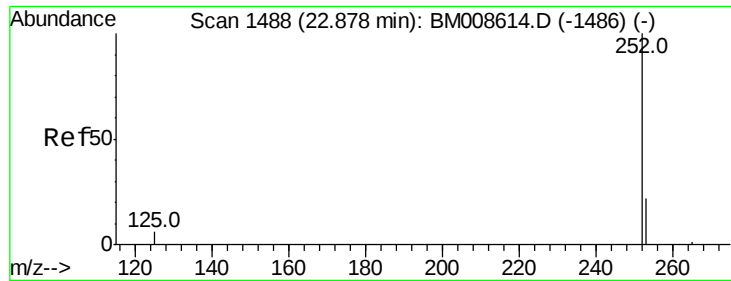
Delta R.T. -0.03 min

Lab File: BM008627.D

Acq: 24 Dec 2016 11:07

Tgt Ion:	252	Resp:	8380
Ion Ratio	Lower	Upper	
252	100		
253	35.6	0.0	64.2
125	32.3	0.0	35.0





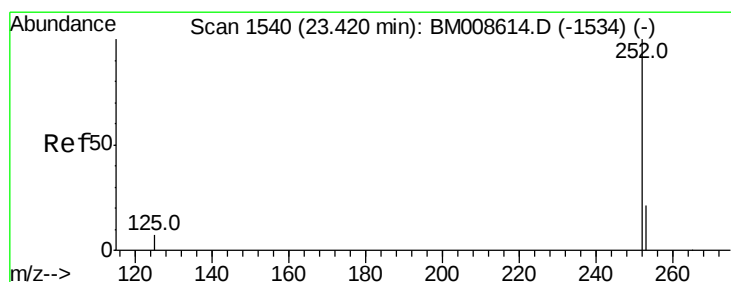
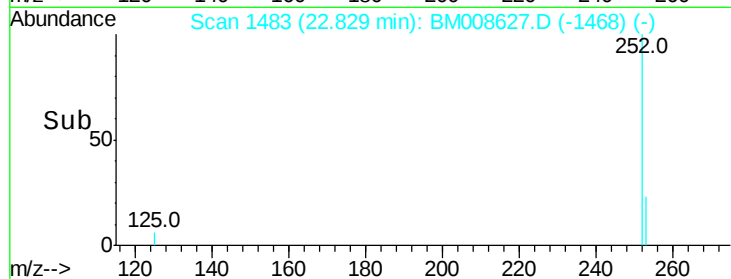
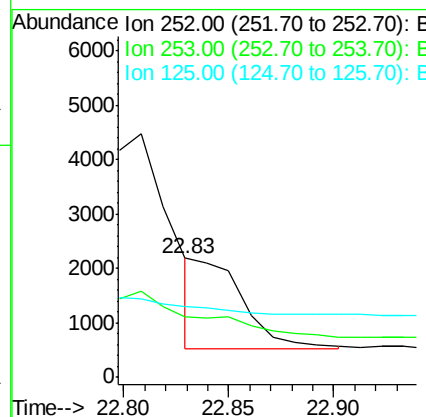
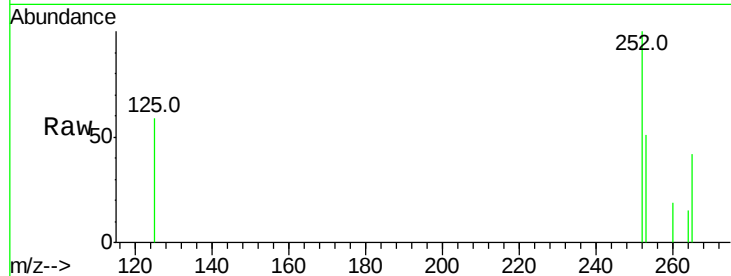
#22
Benzo(k)fluoranthene
Concen: 0.37 ng/ul
RT: 22.83 min Scan# 1483
Delta R.T. -0.05 min
Lab File: BM008627.D
Acq: 24 Dec 2016 11:07

Instrument :
BNA_M
ClientSampleId :
DA888

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.9	24.5	36.7#
125	59.2	13.7	20.5#

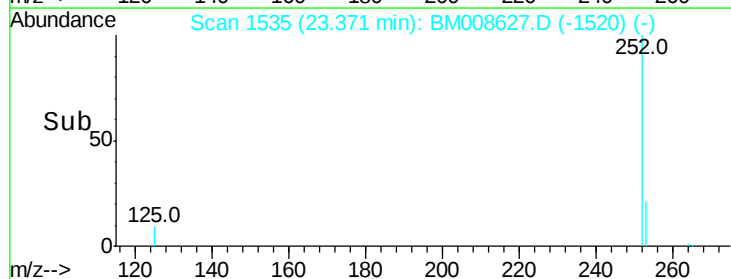
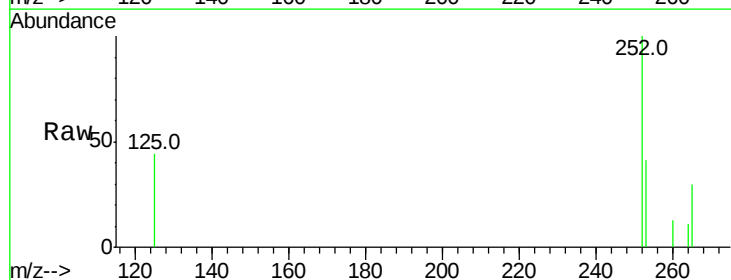
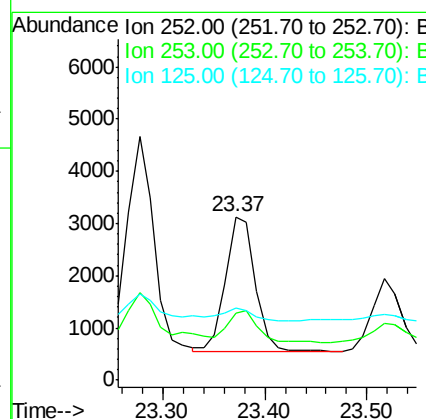
Manual Integrations
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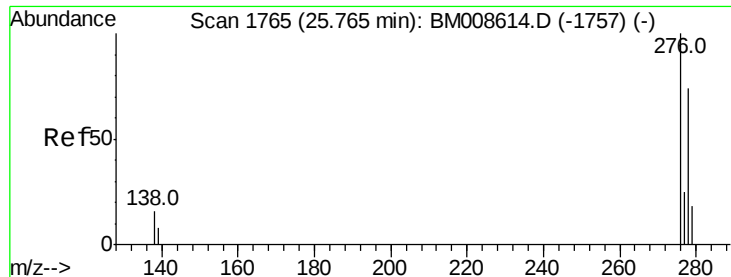
sohil
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#23
Benzo(a)pyrene
Concen: 0.80 ng/ul
RT: 23.37 min Scan# 1535
Delta R.T. -0.05 min
Lab File: BM008627.D
Acq: 24 Dec 2016 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.9	28.5	42.7
125	43.8	18.1	27.1#





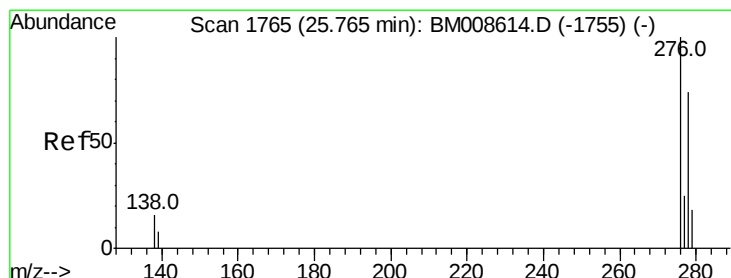
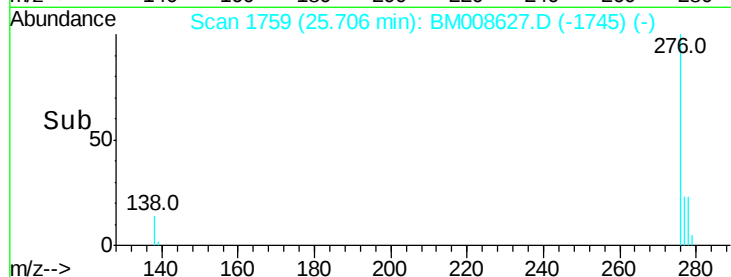
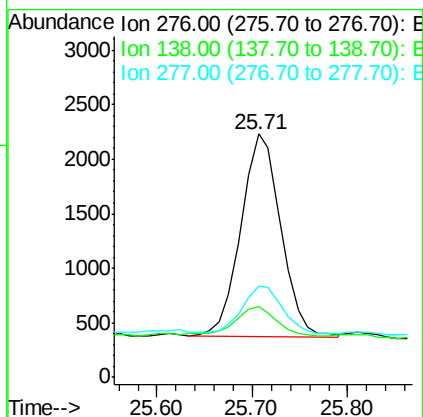
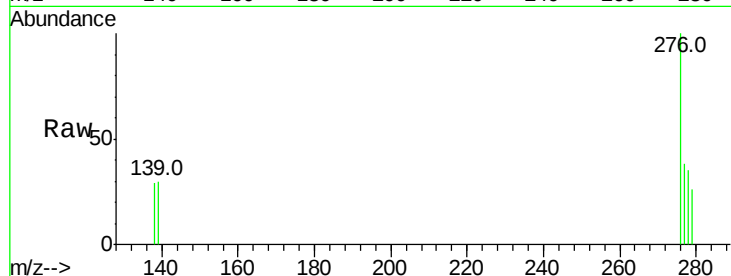
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.70 ng/ul
RT: 25.71 min Scan# 1759
Delta R.T. -0.06 min
Lab File: BM008627.D
Acq: 24 Dec 2016 11:07

Instrument :
BNA_M
ClientSampleId :
DA888

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	19.1	28.7#
277	24.4	19.6	29.4

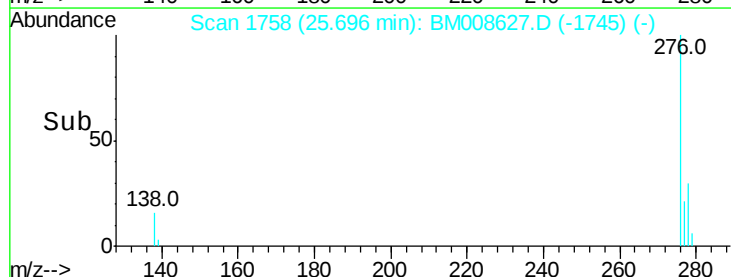
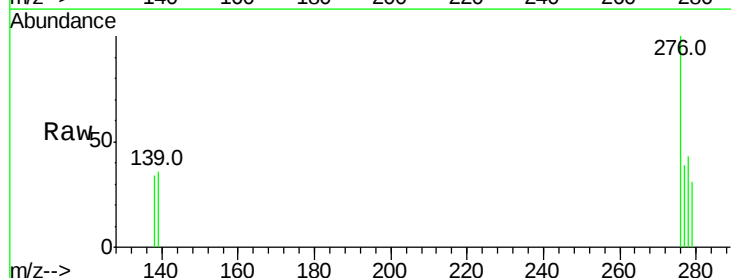
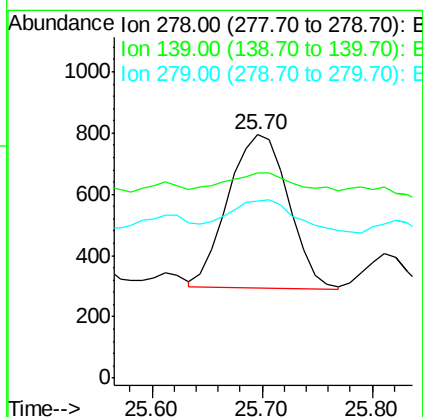
Manual Integrations
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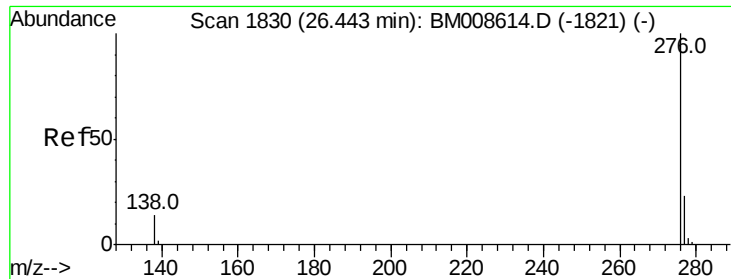
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#25
Dibenzo(a,h)anthracene
Concen: 0.31 ng/ul
RT: 25.70 min Scan# 1758
Delta R.T. -0.07 min
Lab File: BM008627.D
Acq: 24 Dec 2016 11:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	84.5	17.4	26.0#
279	72.8	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 1.23 ng/ul

RT: 26.39 min Scan# 1825

Delta R.T. -0.05 min

Lab File: BM008627.D

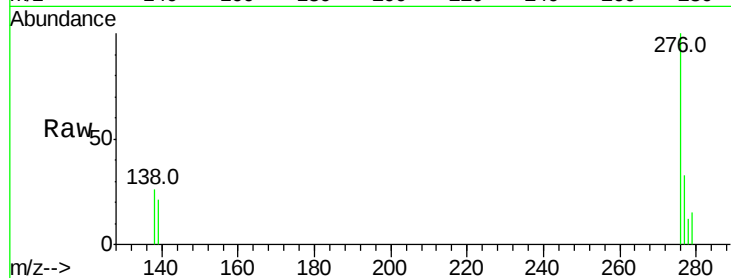
Acq: 24 Dec 2016 11:07

Instrument :

BNA_M

ClientSampleId :

DA888



Tot Ion:	276	Resp:	8186
Ion Ratio	Lower	Upper	
276	100		
277	33.1	21.8	32.8#
138	25.7	20.5	30.7

Manual Integrations
APPROVED

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