

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008624.D
 Acq On : 24 Dec 2016 09:20
 Operator : UM/SJ
 Sample : H6040-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W1

Manual Integrations
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Quant Time: Dec 26 13:09:58 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	546	0.40	ng/ul	-0.12
2) Naphthalene-d8	10.42	136	1821	0.40	ng/ul	-0.10
6) Acenaphthene-d10	14.28	164	1212m	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.04	188	2388m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.24	240	2182m	0.40	ng/ul	-0.03
20) Perylene-d12	23.47	264	1764m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	579	0.21	ng/ul	-0.11
14) Fluoranthene-d10	19.07	212	2034m	0.31	ng/ul	-0.04
Target Compounds						Ovalue
3) Naphthalene	10.46	128	5576	1.09	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	6176	1.79	ng/ul	99
9) Fluorene	15.34	166	1761m	0.37	ng/ul	
12) Phenanthrene	17.07	178	33387m	4.58	ng/ul	
13) Anthracene	17.16	178	7884m	1.11	ng/ul	
15) Fluoranthene	19.11	202	27436m	3.07	ng/ul	
17) Pyrene	19.47	202	48188m	5.71	ng/ul	
18) Benzo(a)anthracene	21.22	228	23937m	3.34	ng/ul	
19) Chrysene	21.27	228	33374m	4.25	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	26378	3.80	ng/ul	95
22) Benzo(k)fluoranthene	22.84	252	4282m	0.63	ng/ul	
23) Benzo(a)pyrene	23.38	252	20505m	3.18	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	11734m	1.53	ng/ul	
25) Dibenzo(a,h)anthracene	25.70	278	5542m	0.90	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	15459m	2.35	ng/ul	

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

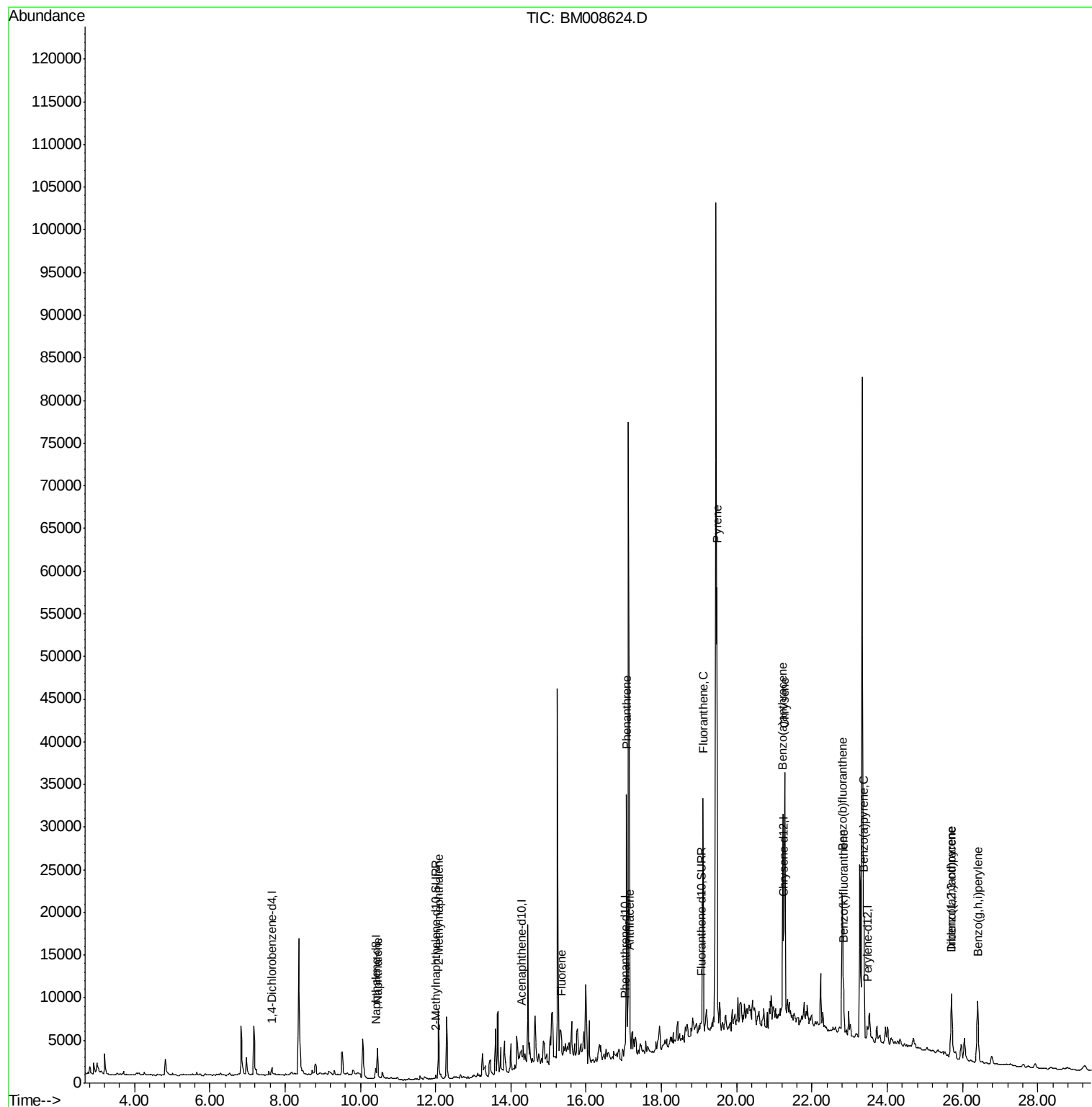
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008624.D
Acq On : 24 Dec 2016 09:20
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Sample : H6040-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

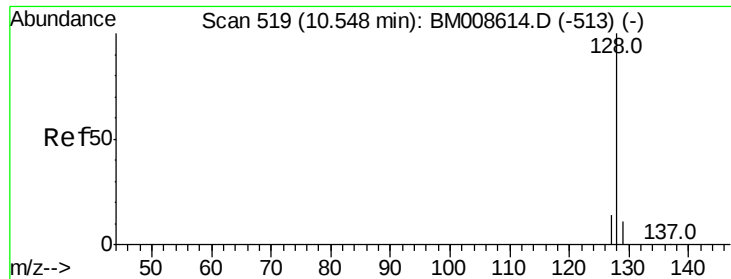
Instrument :
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Quant Time: Dec 26 13:09:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.09 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.10 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

Instrument :

BNA_M

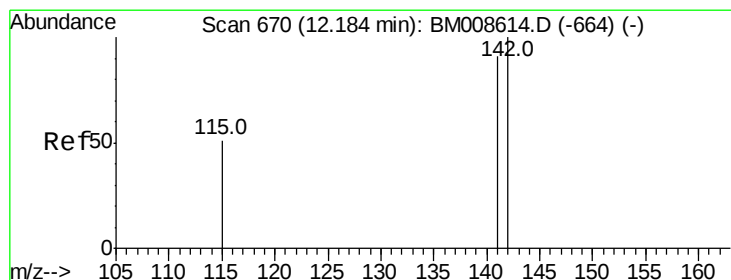
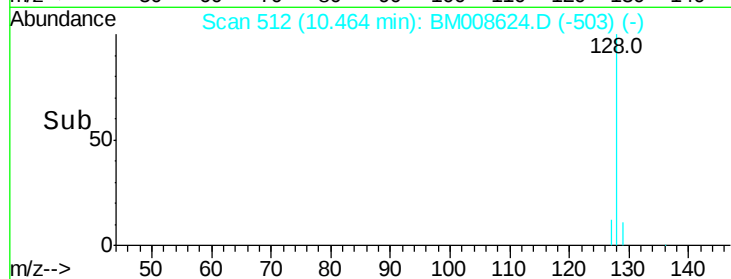
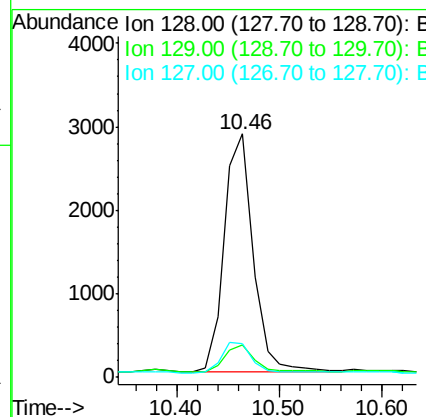
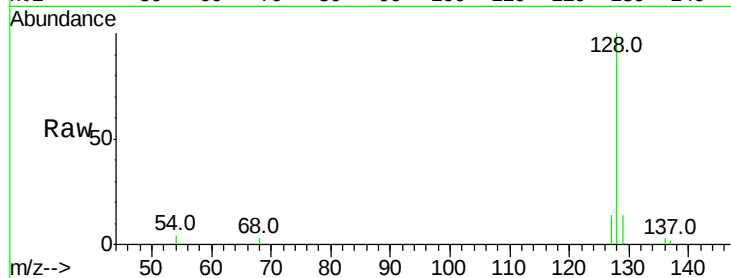
ClientSampleId :

DA8W1

Tot Ion:	128	Resp:	5576
Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	14.0	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 1.79 ng/ul

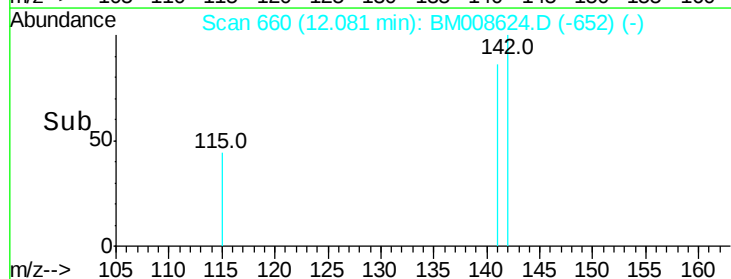
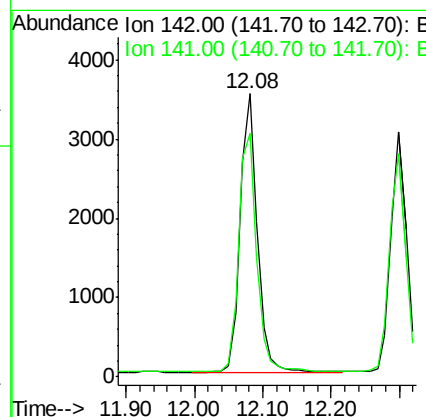
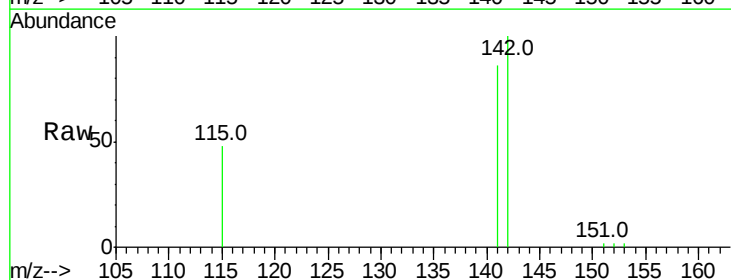
RT: 12.08 min Scan# 660

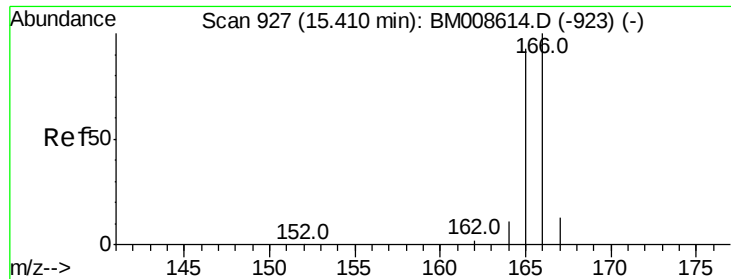
Delta R.T. -0.11 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

Tgt Ion:	142	Resp:	6176
Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	108.8





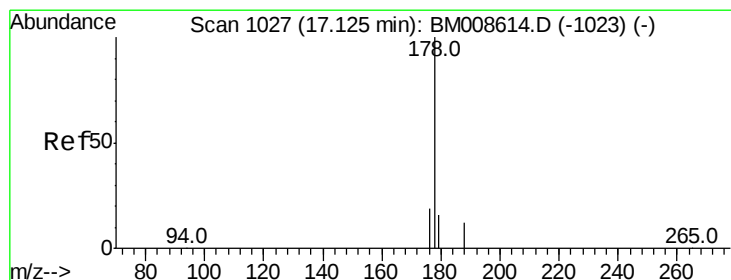
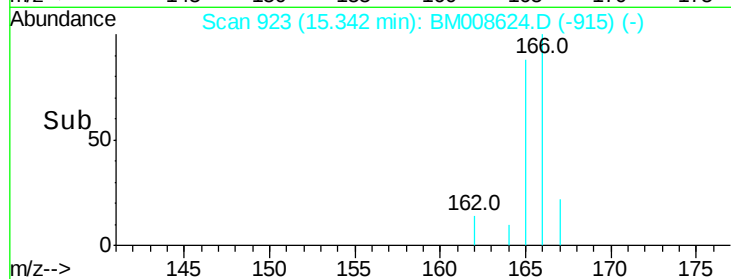
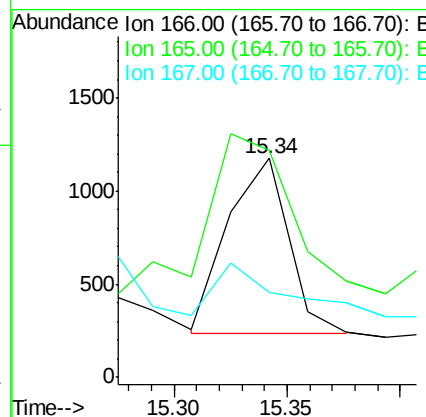
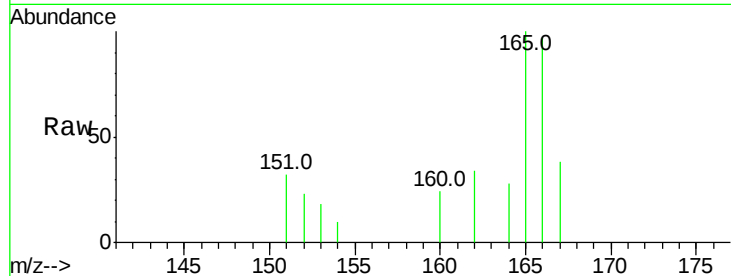
#9
Fluorene
 Concen: 0.37 ng/ul m
 RT: 15.34 min Scan# 923
 Delta R.T. -0.07 min
 Lab File: BM008624.D
 Acq: 24 Dec 2016 09:20

Instrument :
 BNA_M
 ClientSampleId :
 DA8W1

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.5	73.4	110.2
167	38.8	14.6	22.0

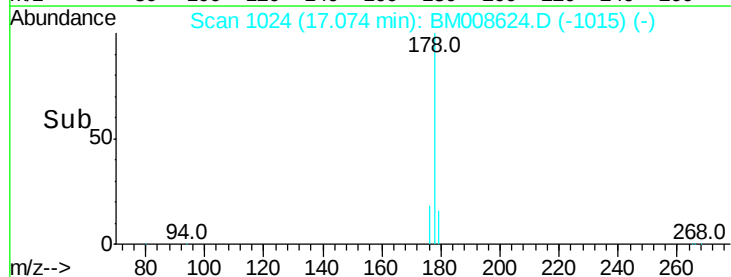
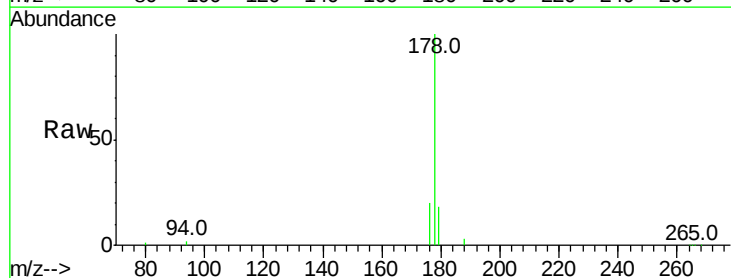
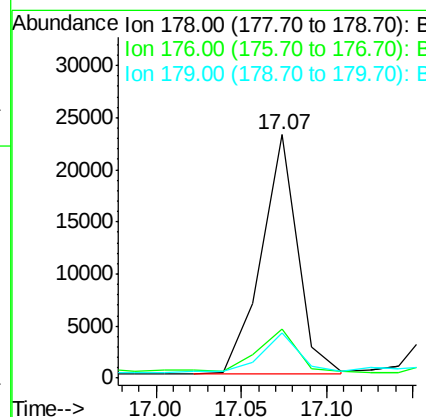
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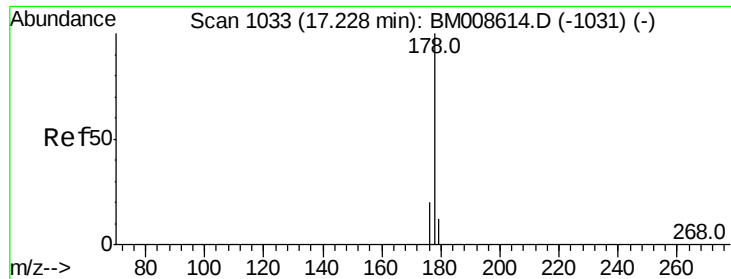
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#12
Phenanthrene
 Concen: 4.58 ng/ul m
 RT: 17.07 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BM008624.D
 Acq: 24 Dec 2016 09:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	18.4	27.6
179	18.3	13.6	20.4





#13

Anthracene

Concen: 1.11 ng/ul m

RT: 17.16 min Scan# 1029

Delta R.T. -0.07 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

Instrument :

BNA_M

ClientSampleId :

DA8W1

Tot Ion:178 Resp: 7884

Ion Ratio Lower Upper

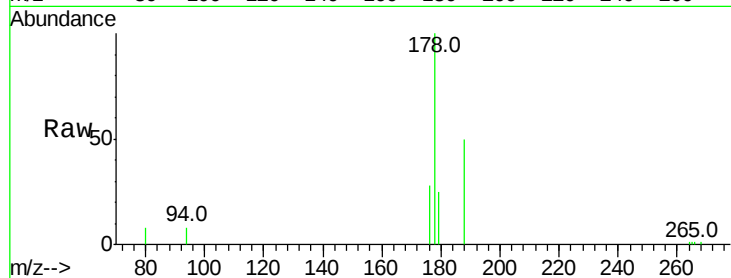
178 100

176 28.3 18.1 27.1#

179 24.6 14.7 22.1#

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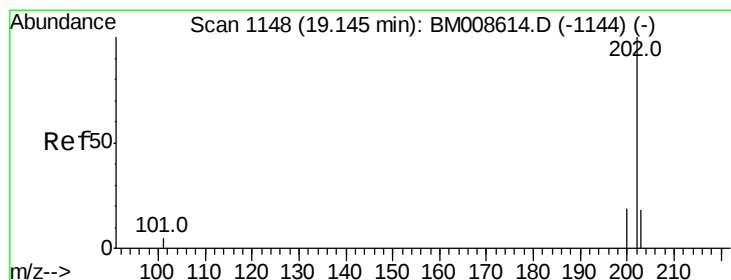
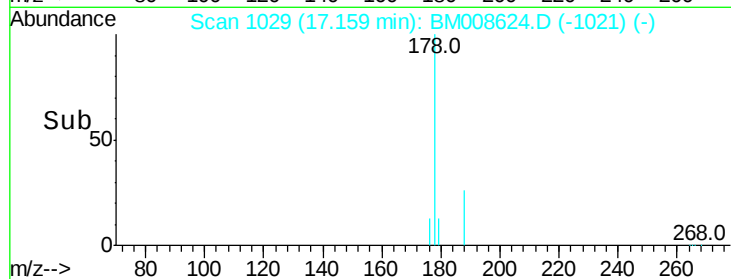
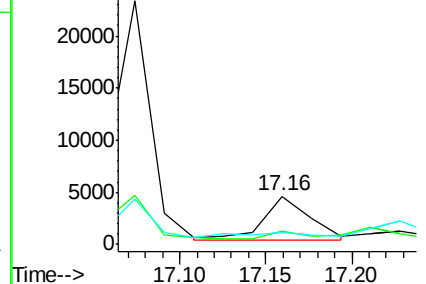
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 3.07 ng/ul m

RT: 19.11 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

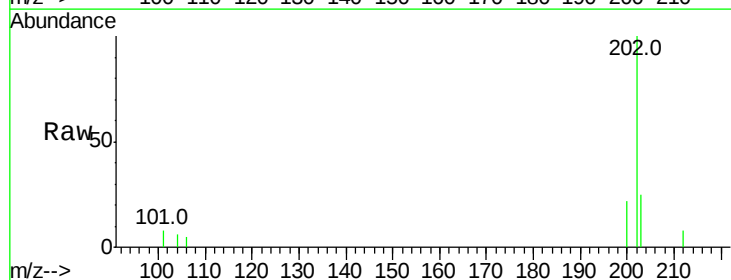
Tgt Ion:202 Resp: 27436

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.3

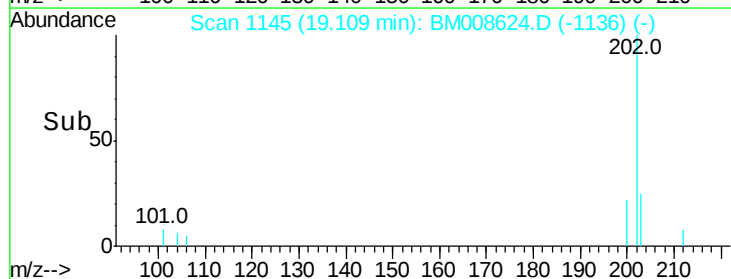
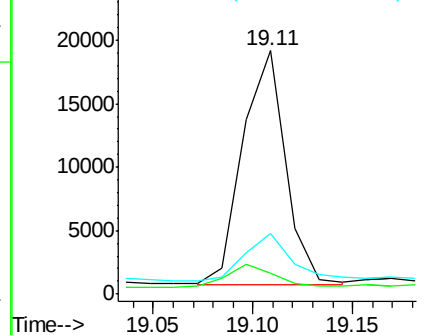
203 24.7 0.0 39.5

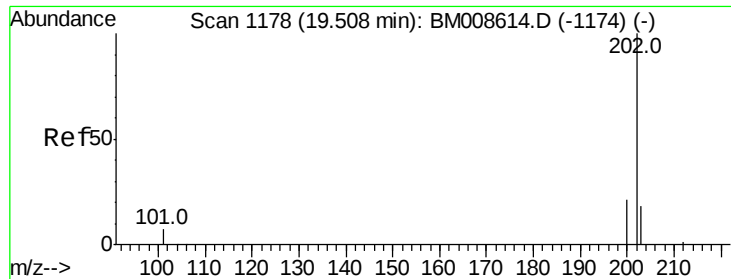


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pvrene

Concen: 5.71 ng/ul m

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

Instrument :

BNA_M

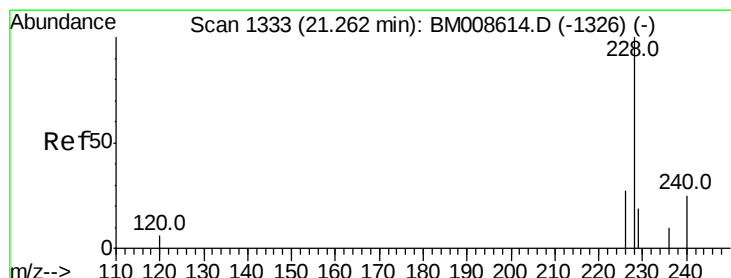
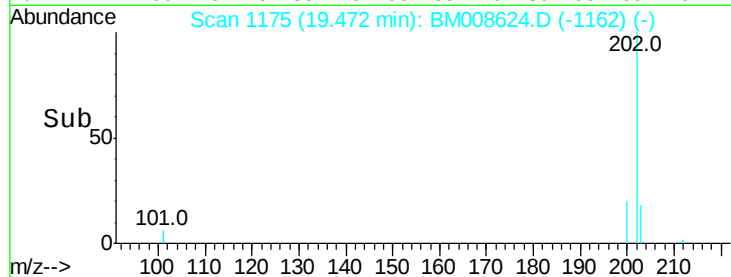
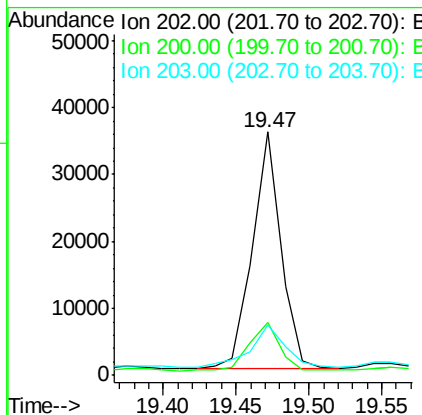
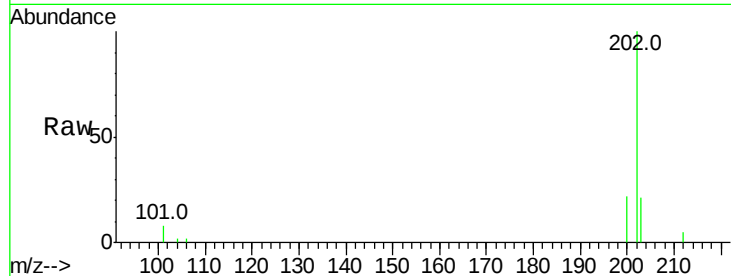
ClientSampleId :

DA8W1

Tot Ion:	202	Resp:	48188
Ion Ratio	Lower	Upper	
202	100		
200	21.7	18.2	27.4
203	20.5	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 3.34 ng/ul m

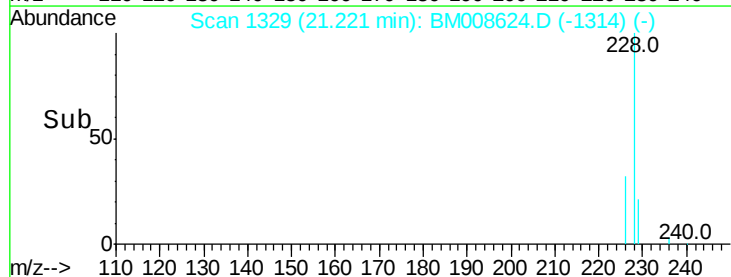
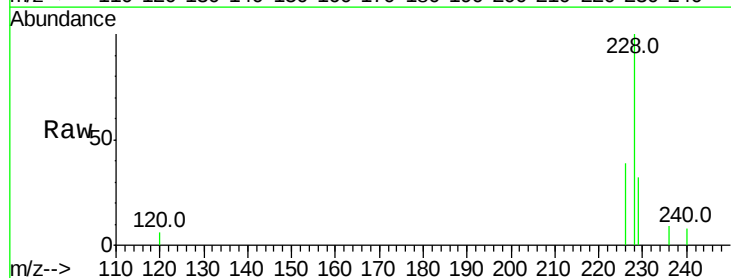
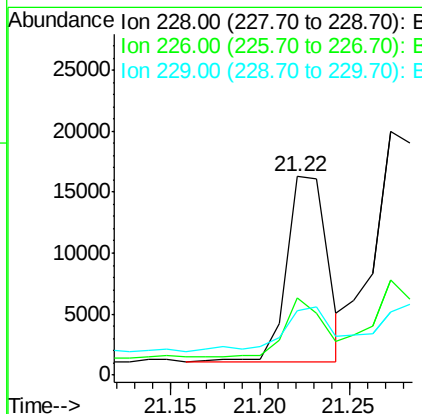
RT: 21.22 min Scan# 1329

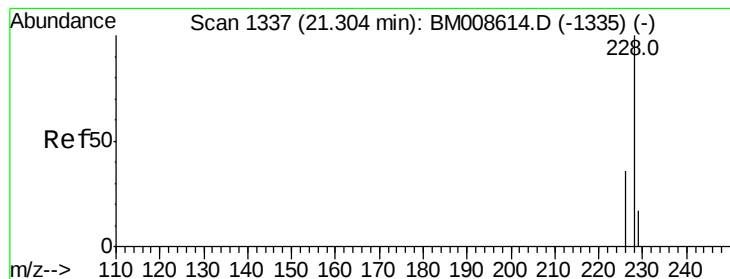
Delta R.T. -0.04 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

Tgt Ion:	228	Resp:	23937
Ion Ratio	Lower	Upper	
228	100		
226	38.9	22.8	34.2#
229	32.4	17.0	25.6#





#19

Chrysene

Concen: 4.25 ng/ul m

RT: 21.27 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

Instrument :

BNA_M

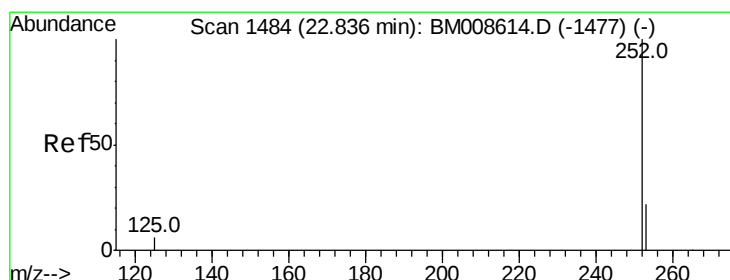
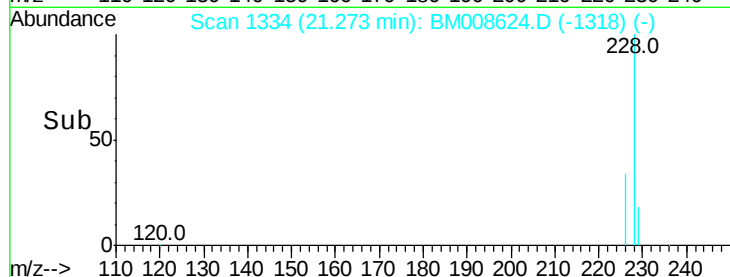
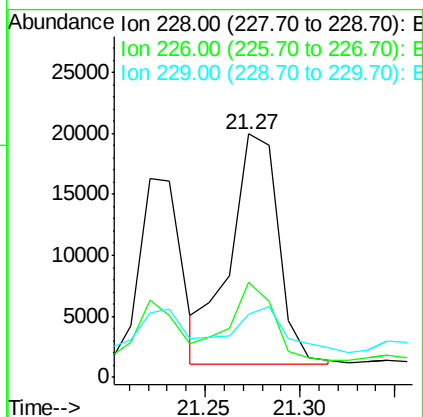
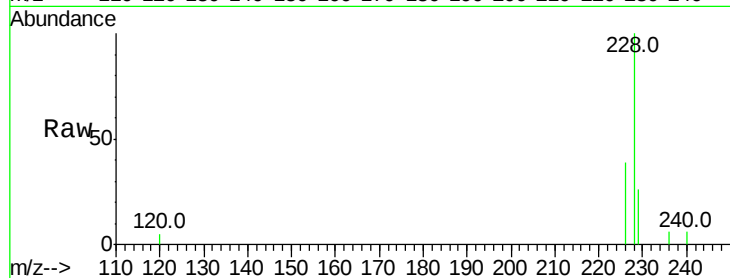
ClientSampleId :

DA8W1

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.2	23.4	35.0#
229	26.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.80 ng/ul

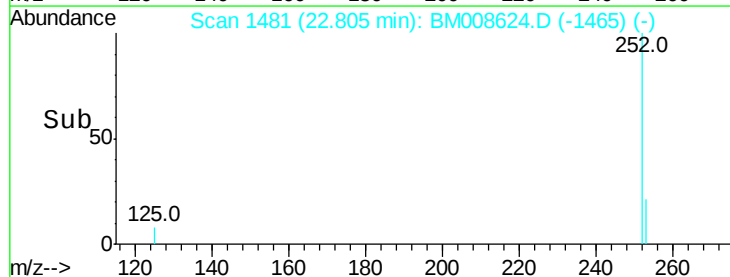
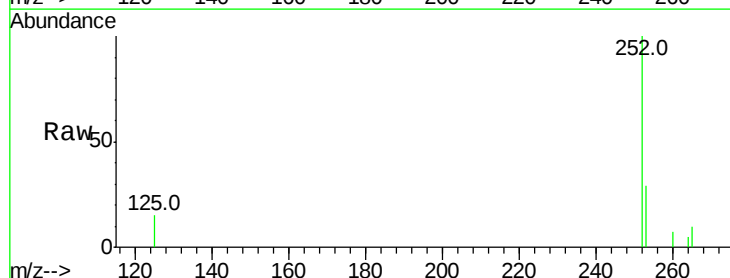
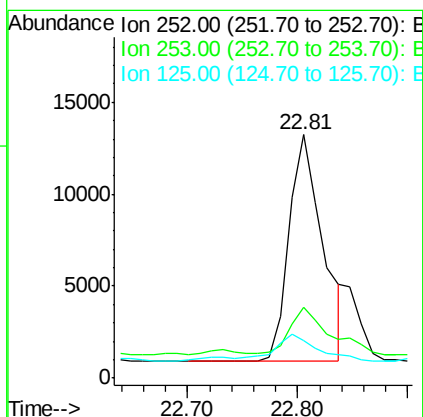
RT: 22.81 min Scan# 1481

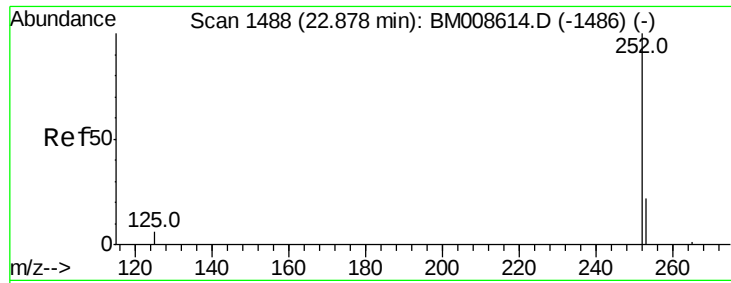
Delta R.T. -0.03 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	64.2
125	15.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.63 ng/ul m

RT: 22.84 min Scan# 1484

Delta R.T. -0.04 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

Instrument :

BNA_M

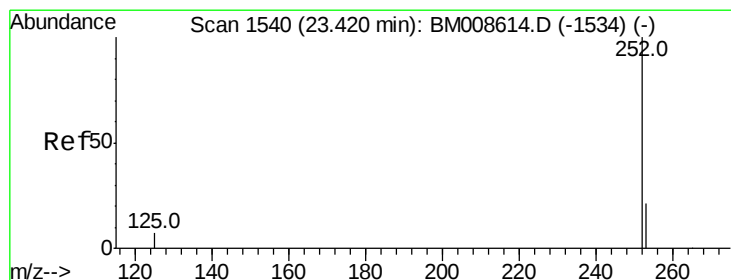
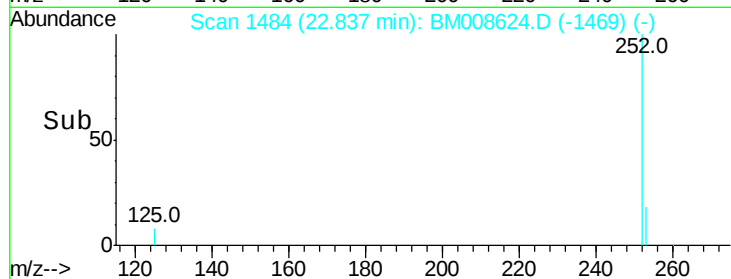
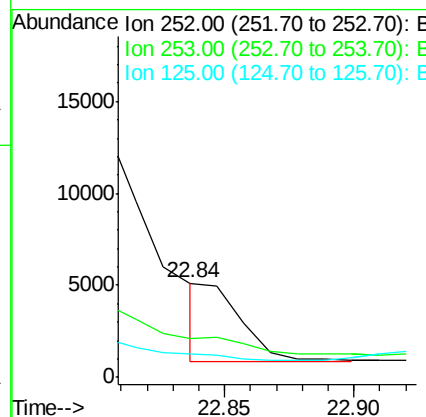
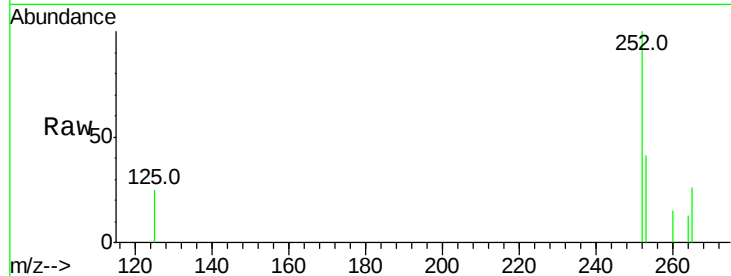
ClientSampleId :

DA8W1

Tot Ion:	252	Resp:	4282
Ion Ratio	Lower	Upper	
252	100		
253	41.1	24.5	36.7#
125	24.5	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 3.18 ng/ul m

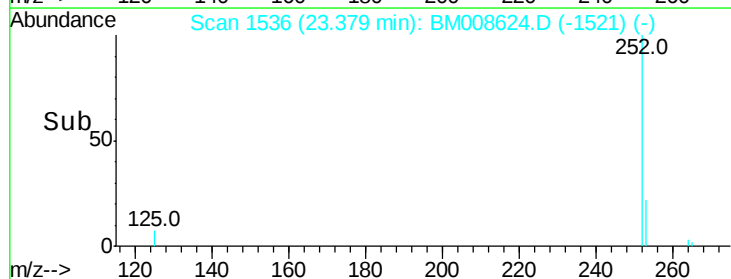
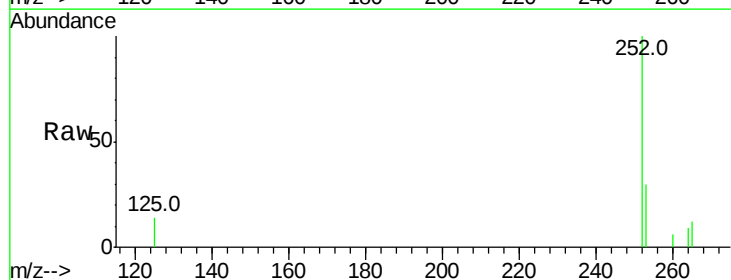
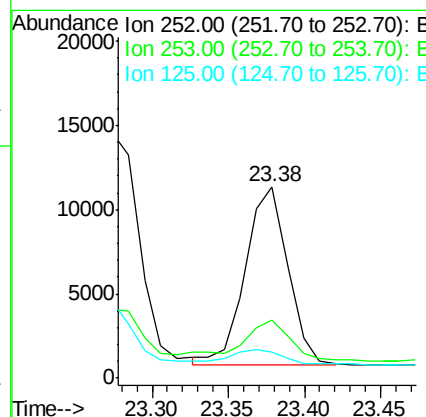
RT: 23.38 min Scan# 1536

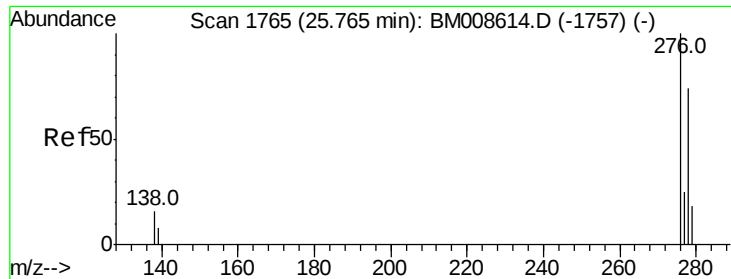
Delta R.T. -0.04 min

Lab File: BM008624.D

Acq: 24 Dec 2016 09:20

Tgt Ion:	252	Resp:	20505
Ion Ratio	Lower	Upper	
252	100		
253	30.4	28.5	42.7
125	13.9	18.1	27.1#





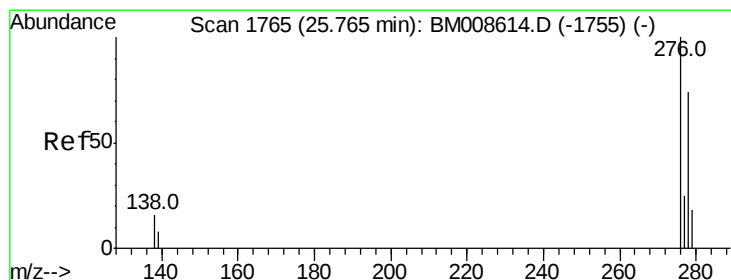
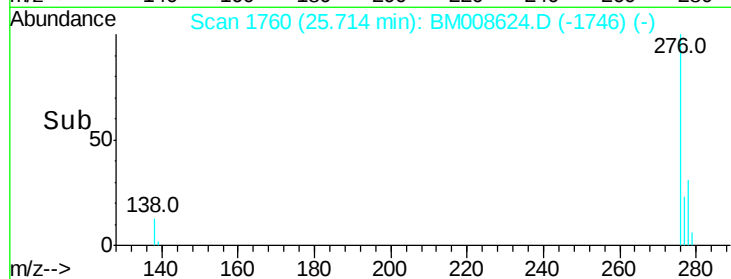
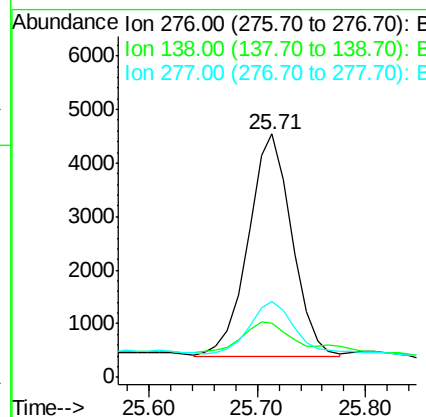
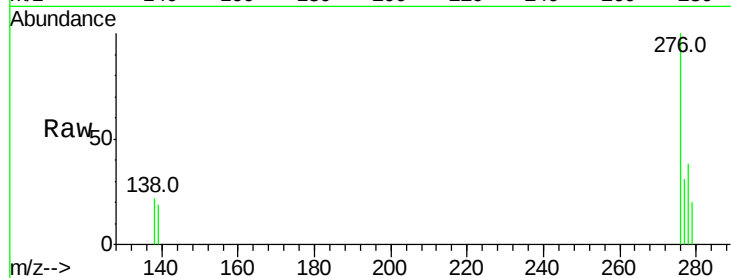
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.53 ng/ul m
 RT: 25.71 min Scan# 1760
 Delta R.T. -0.06 min
 Lab File: BM008624.D
 Acq: 24 Dec 2016 09:20

Instrument :
 BNA_M
 ClientSampleId :
 DA8W1

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

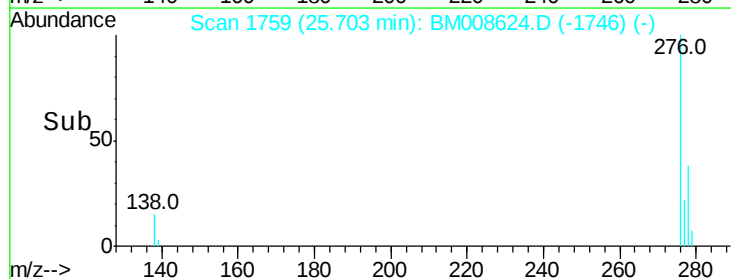
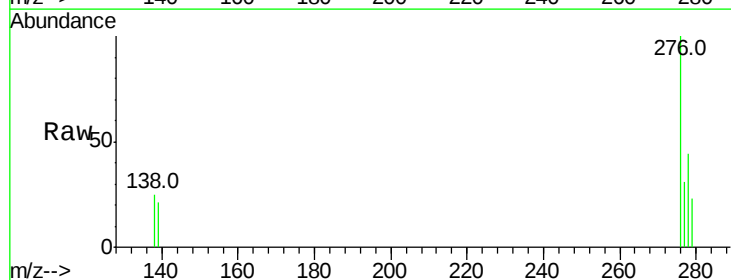
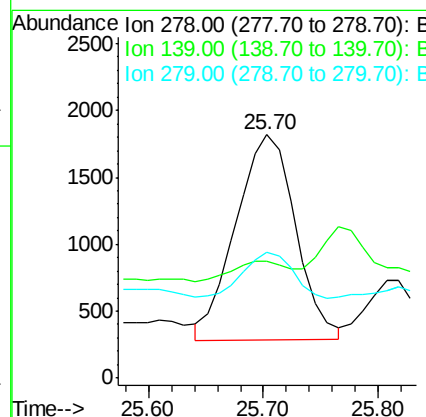
Manual Integrations
 APPROVED

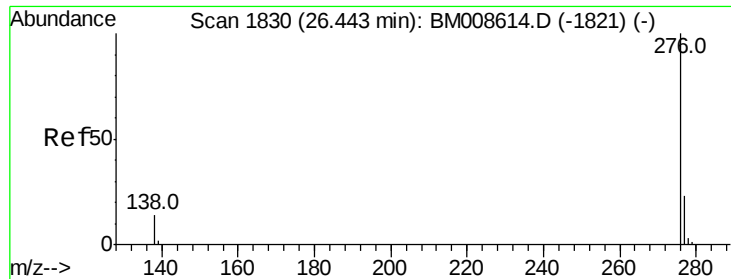
sohil
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.90 ng/ul m
 RT: 25.70 min Scan# 1759
 Delta R.T. -0.07 min
 Lab File: BM008624.D
 Acq: 24 Dec 2016 09:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	48.0	17.4	26.0#
279	51.6	25.9	38.9#





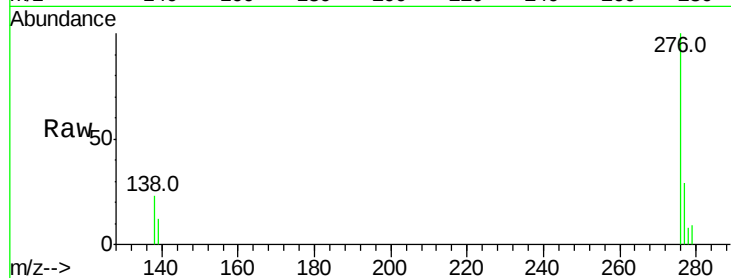
#26
 Benzo(a,h,i)perylene
 Concen: 2.35 ng/ul m
 RT: 26.40 min Scan# 1826
 Delta R.T. -0.06 min
 Lab File: BM008624.D
 Acq: 24 Dec 2016 09:20

Instrument :
 BNA_M
 ClientSampleId :
 DA8W1

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.6	21.8	32.8
138	22.9	20.5	30.7

Manual Integrations
 APPROVED

sohil
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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

