

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021969.D
 Acq On : 09 Aug 2019 14:11
 Operator : HP/JU
 Sample : K4029-22DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW2DL

Manual Integrations
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Sohil
 8/13/2019 8:35:50 AM

Quant Time: Aug 10 05:48:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	918	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3880	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	2099	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4531	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4281	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6045	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	455	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	1202	0.08	ng/ul	-0.01

Target Compounds				Qvalue		
7) Acenaphthylene	14.00	152	778	0.079	ng/ul#	78
12) Phenanthrene	17.07	178	4500	0.341	ng/ul	99
13) Anthracene	17.17	178	1144	0.102	ng/ul#	88
15) Fluoranthene	19.09	202	11883	0.673	ng/ul	100
17) Pyrene	19.46	202	12122	0.689	ng/ul	97
18) Benzo(a)anthracene	21.22	228	6171	0.403	ng/ul	97
19) Chrysene	21.27	228	6082	0.309	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	8339m	0.409	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	3190m	0.138	ng/ul	
23) Benzo(a)pyrene	23.34	252	5661	0.273	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.66	276	3986	0.161	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.67	278	982	0.049	ng/ul#	51
26) Benzo(g,h,i)perylene	26.34	276	3392	0.152	ng/ul#	92

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

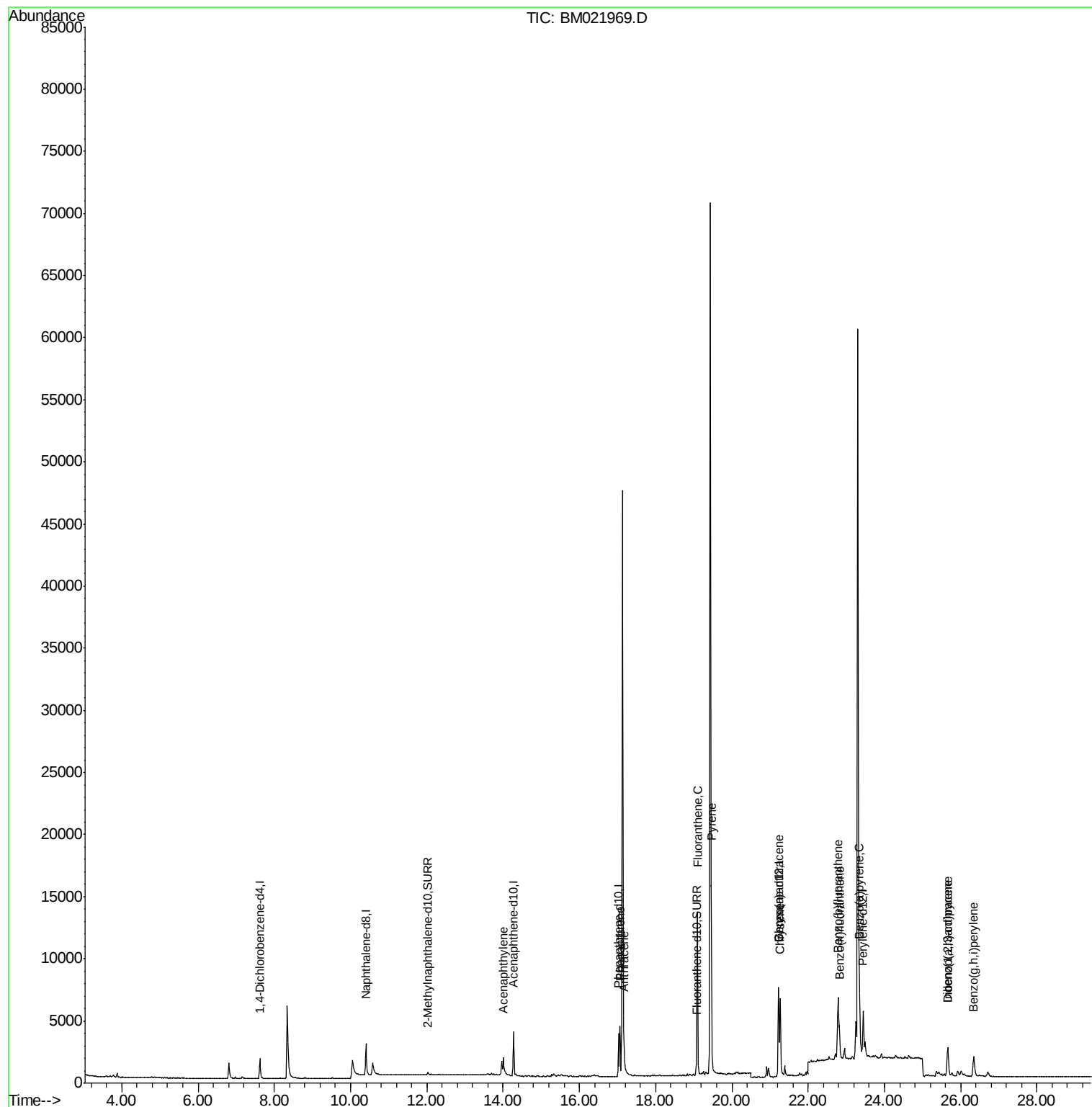
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021969.D
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Operator : HP/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

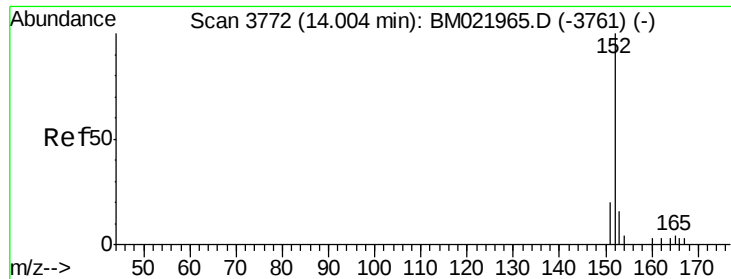
Instrument :
BNA_M
ClientSampleId :
BENW2DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021969.D

Acq: 09 Aug 2019 14:11

Instrument :

BNA_M

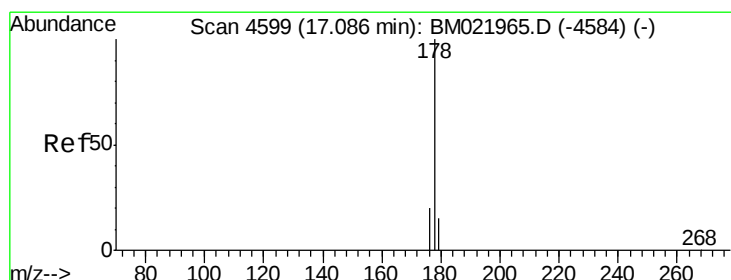
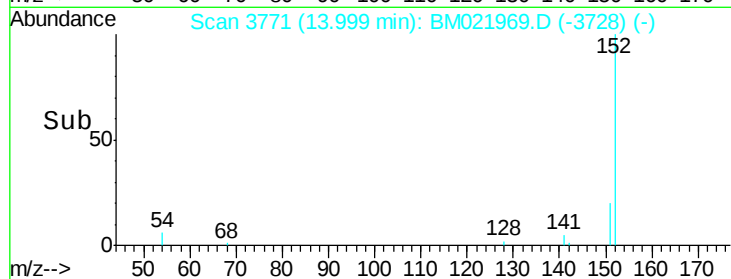
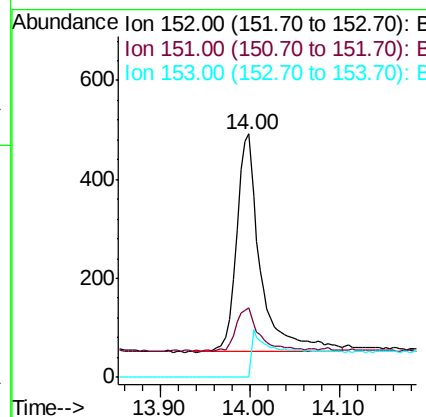
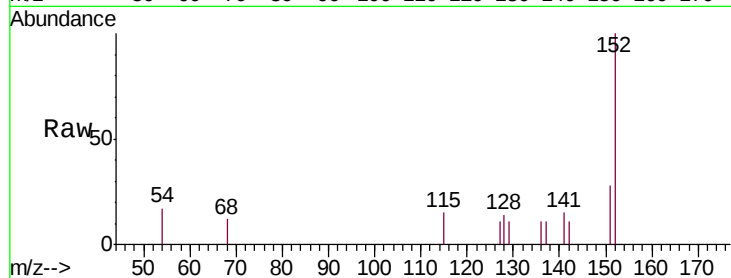
ClientSampleId :

BENW2DL

Tgt Ion:	152	Resp:	778
Ion Ratio	Lower	Upper	
152	100		
151	28.5	18.3	27.5#
153	0.0	12.8	19.2#

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#12

Phenanthrene

Concen: 0.341 ng/ul

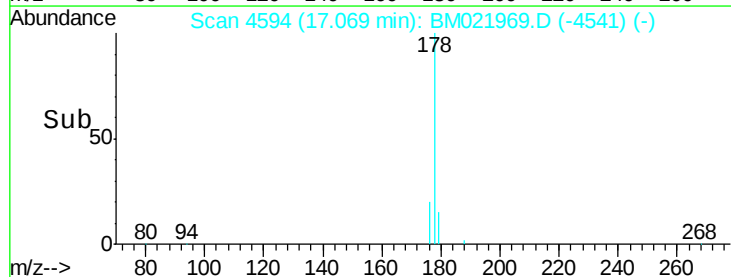
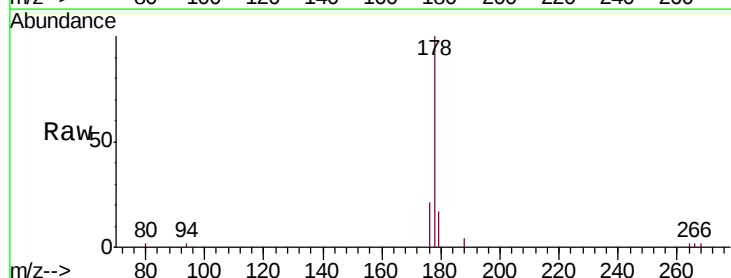
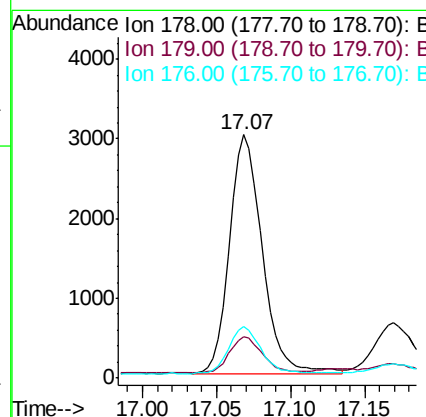
RT: 17.07 min Scan# 4594

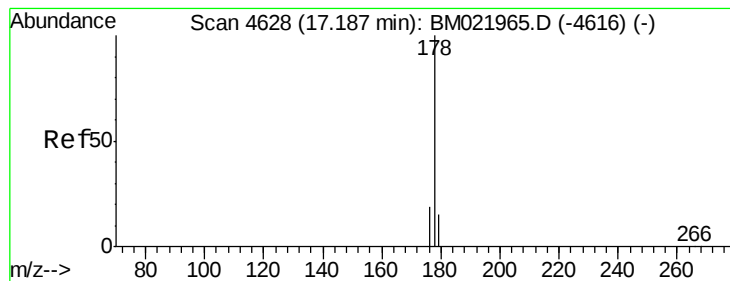
Delta R.T. -0.02 min

Lab File: BM021969.D

Acq: 09 Aug 2019 14:11

Tgt Ion:	178	Resp:	4500
Ion Ratio	Lower	Upper	
178	100		
179	17.0	14.2	21.2
176	21.4	16.8	25.2





#13

Anthracene

Concen: 0.102 ng/ul

RT: 17.17 min Scan# 4623

Delta R.T. -0.01 min

Lab File: BM021969.D

Acq: 09 Aug 2019 14:11

Instrument :

BNA_M

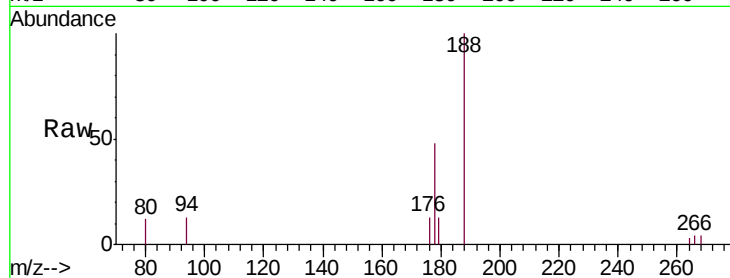
ClientSampled :

BENW2DL

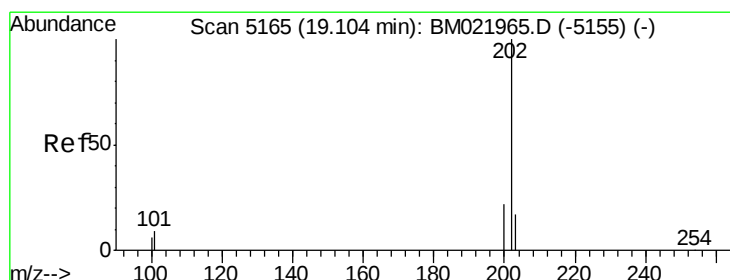
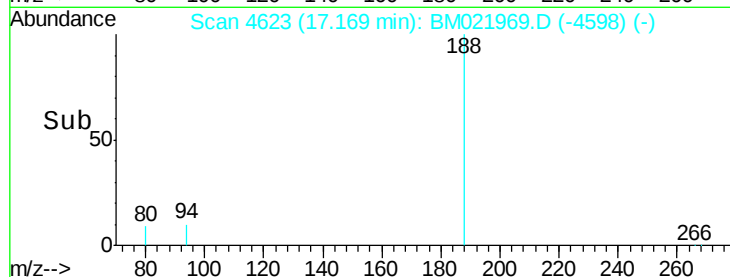
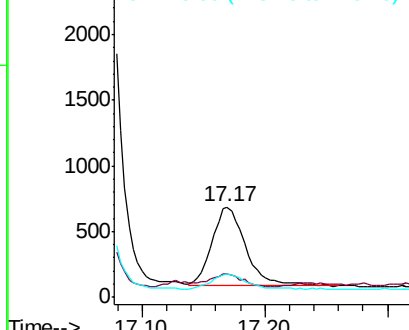
Tgt Ion:	178	Resp:	1144
Ion Ratio	Lower	Upper	
178	100		
179	25.9	15.5	23.3#
176	25.9	16.6	25.0#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.673 ng/ul

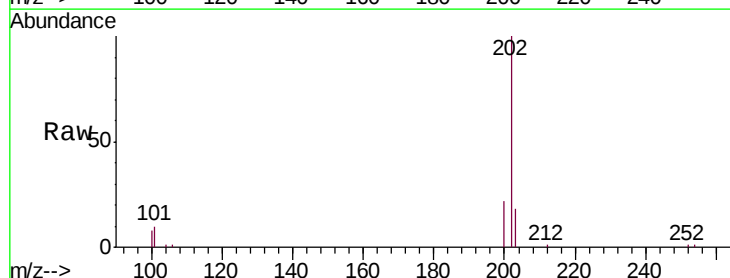
RT: 19.09 min Scan# 5162

Delta R.T. -0.02 min

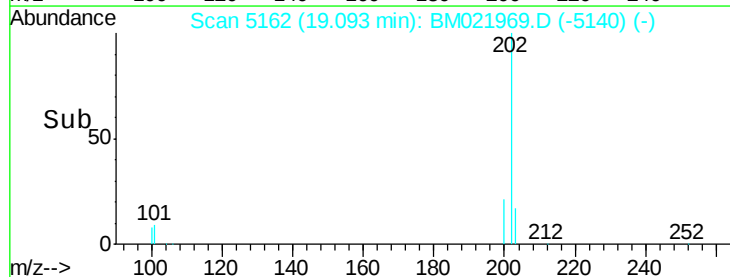
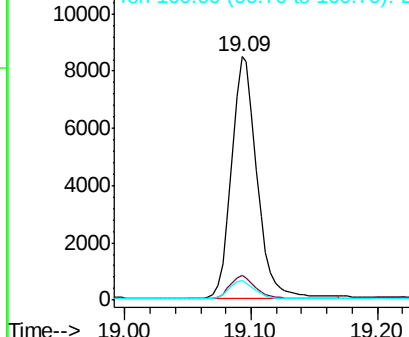
Lab File: BM021969.D

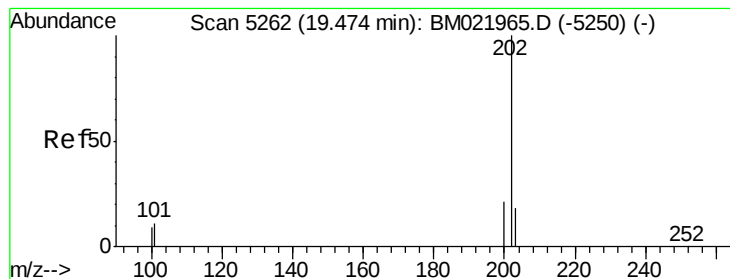
Acq: 09 Aug 2019 14:11

Tgt Ion:	202	Resp:	11883
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.2
100	8.1	0.0	28.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.689 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.02 min

Lab File: BM021969.D

Acq: 09 Aug 2019 14:11

Instrument :

BNA_M

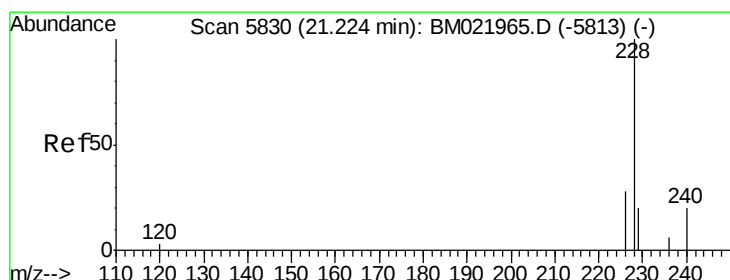
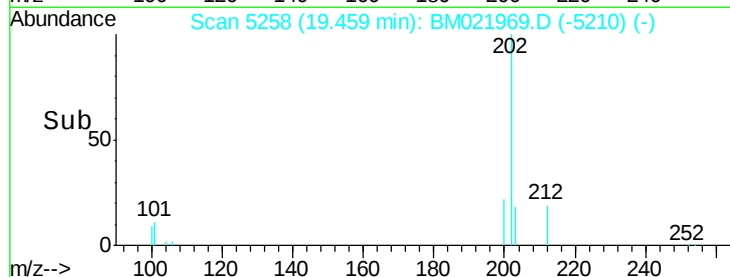
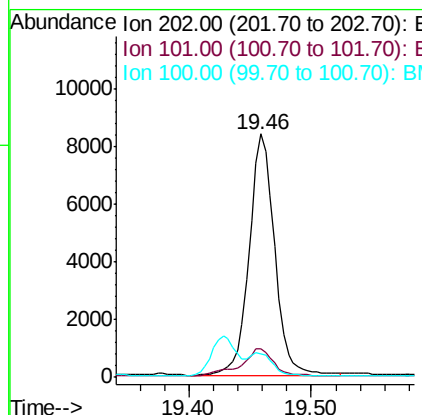
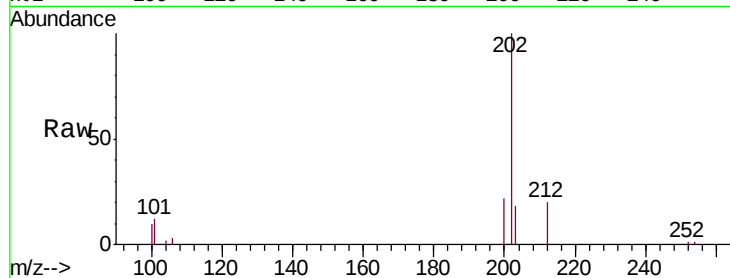
ClientSampled :

BENW2DL

Tgt Ion:	202	Resp:	12122
Ion Ratio	Lower	Upper	
202	100		
101	11.8	8.3	12.5
100	9.8	7.2	10.8

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#18

Benzo(a)anthracene

Concen: 0.403 ng/ul

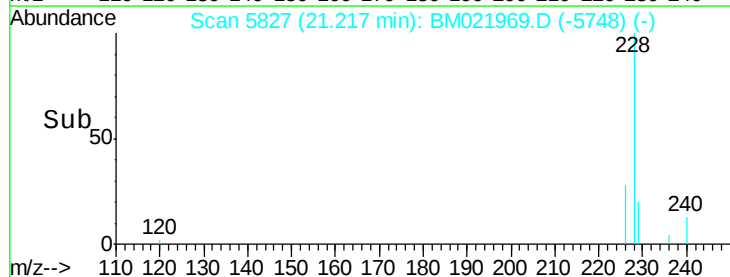
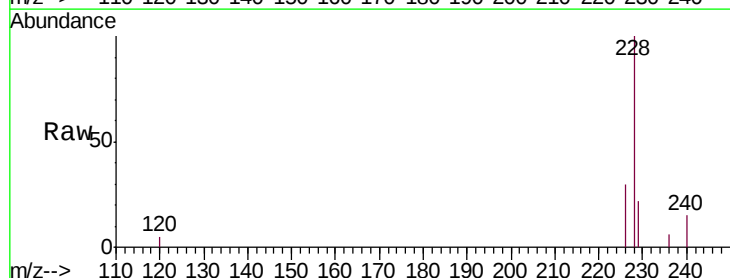
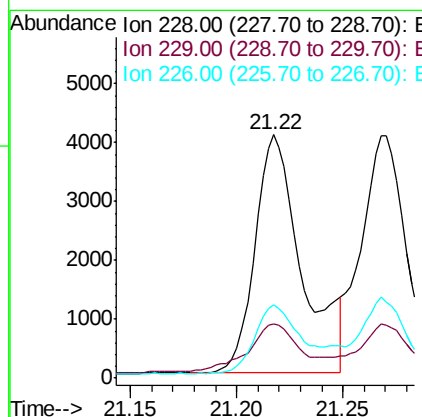
RT: 21.22 min Scan# 5827

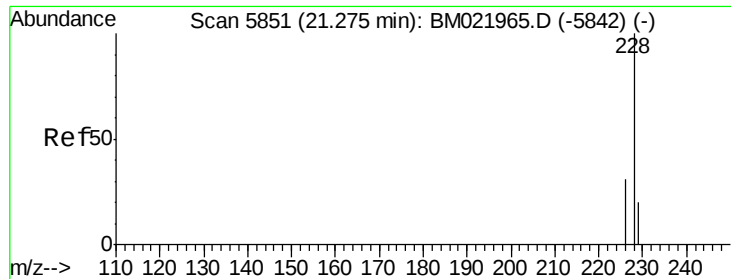
Delta R.T. -0.01 min

Lab File: BM021969.D

Acq: 09 Aug 2019 14:11

Tgt Ion:	228	Resp:	6171
Ion Ratio	Lower	Upper	
228	100		
229	22.2	17.2	25.8
226	30.1	22.6	34.0





#19

Chrysene

Concen: 0.309 ng/ul

RT: 21.27 min Scan# 5848

Delta R.T. -0.01 min

Lab File: BM021969.D

Acq: 09 Aug 2019 14:11

Instrument :

BNA_M

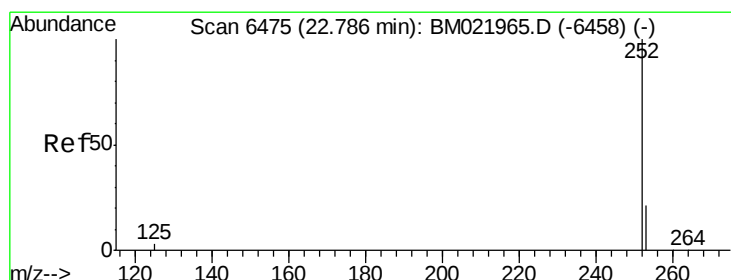
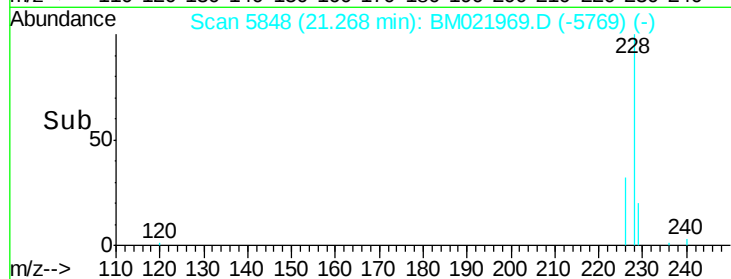
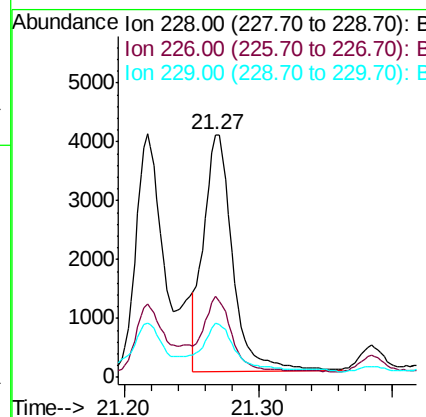
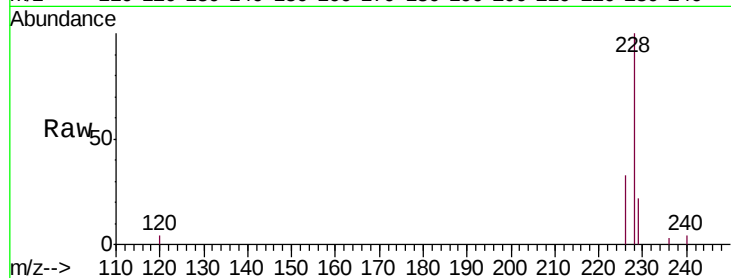
ClientSampled :

BENW2DL

Tgt Ion:	228	Resp:	6082
Ion Ratio	Lower	Upper	
228	100		
226	33.2	24.9	37.3
229	22.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.409 ng/ul m

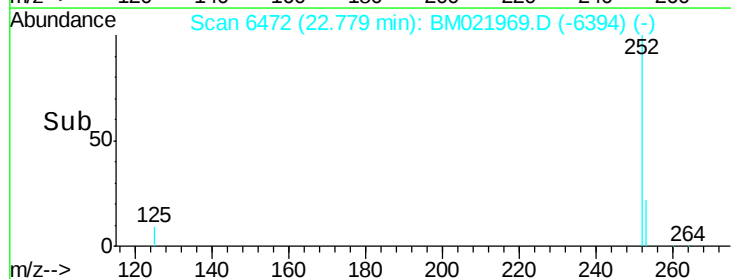
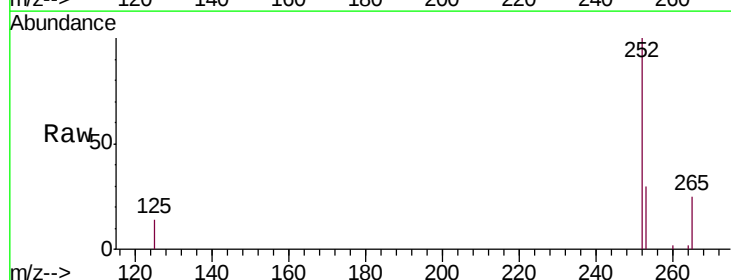
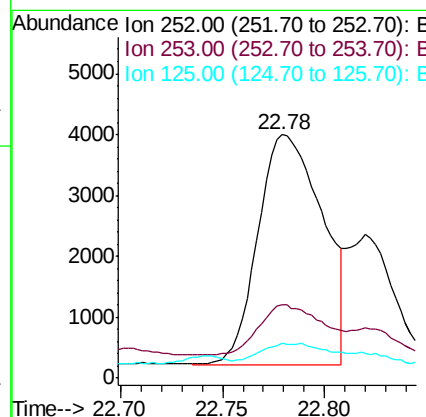
RT: 22.78 min Scan# 6472

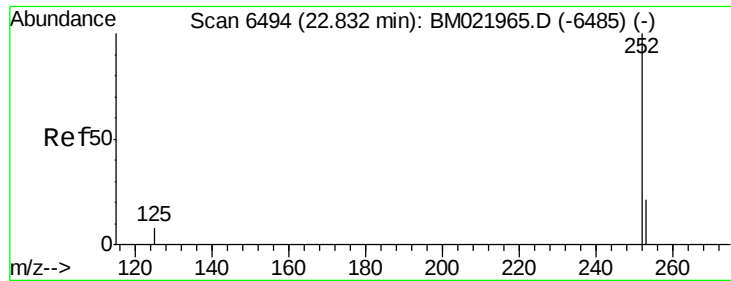
Delta R.T. -0.01 min

Lab File: BM021969.D

Acq: 09 Aug 2019 14:11

Tgt Ion:	252	Resp:	8339
Ion Ratio	Lower	Upper	
252	100		
253	29.9	0.0	67.4
125	14.4	0.0	31.0





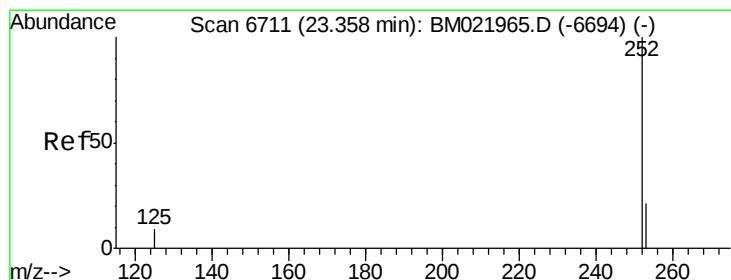
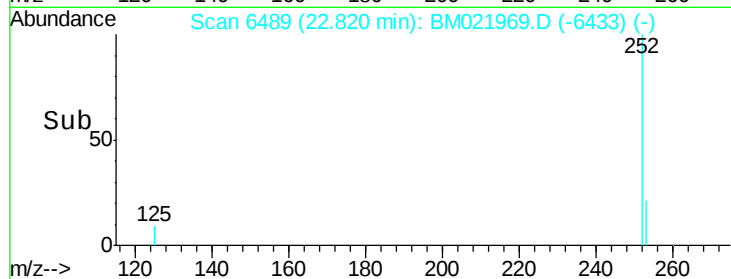
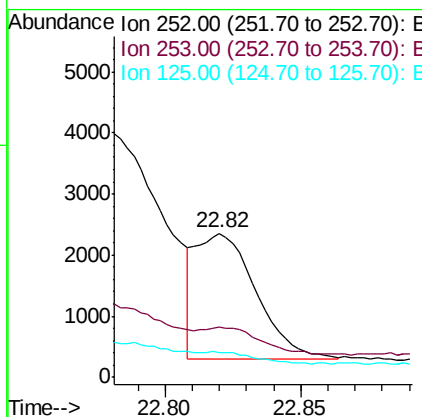
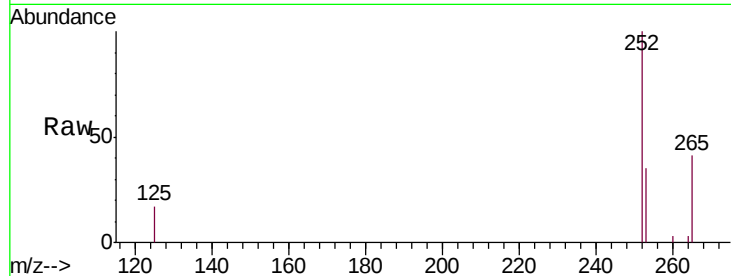
#22
Benzo(k)fluoranthene
Concen: 0.138 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. -0.01 min
Lab File: BM021969.D
Acq: 09 Aug 2019 14:11

Instrument :
BNA_M
ClientSampled :
BENW2DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.8	27.0	40.4
125	17.1	12.2	18.2

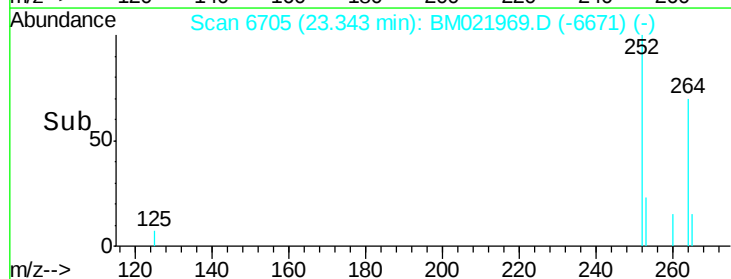
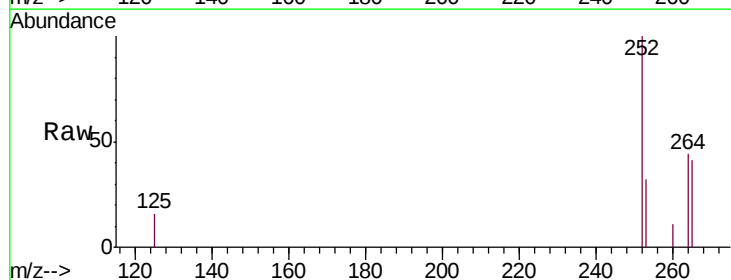
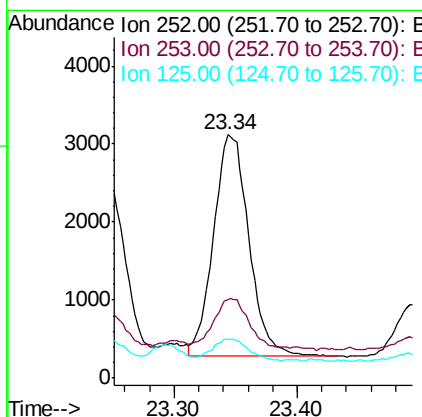
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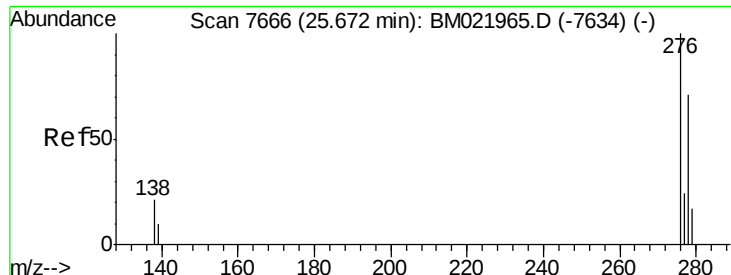
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#23
Benzo(a)pyrene
Concen: 0.273 ng/ul
RT: 23.34 min Scan# 6705
Delta R.T. -0.02 min
Lab File: BM021969.D
Acq: 09 Aug 2019 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	31.7	47.5
125	15.7	14.6	21.8





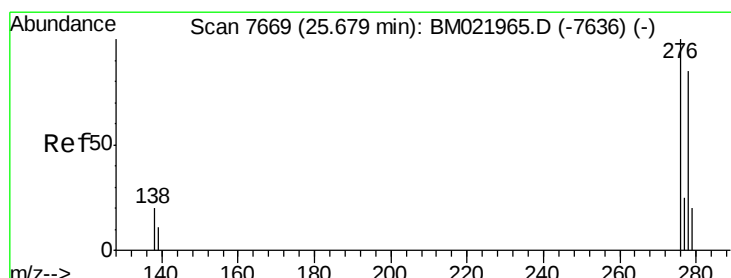
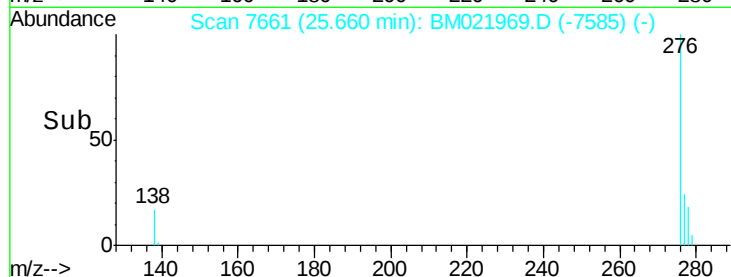
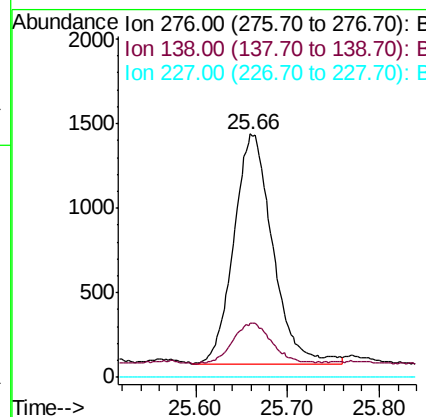
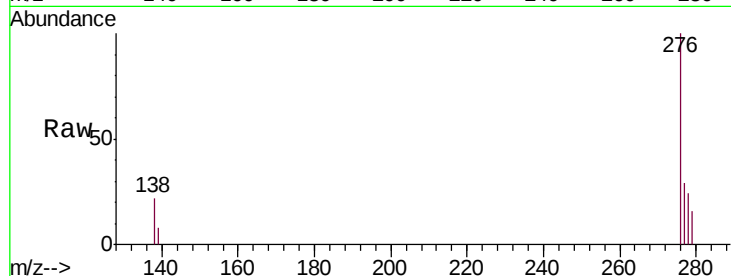
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.161 ng/u1
 RT: 25.66 min Scan# 7661
 Delta R.T. -0.02 min
 Lab File: BM021969.D
 Acq: 09 Aug 2019 14:11

Instrument :
 BNA_M
 ClientSampleId :
 BENW2DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	3986		
138	17.0	15.1	22.7	
227	0.0	0.0	0.0	

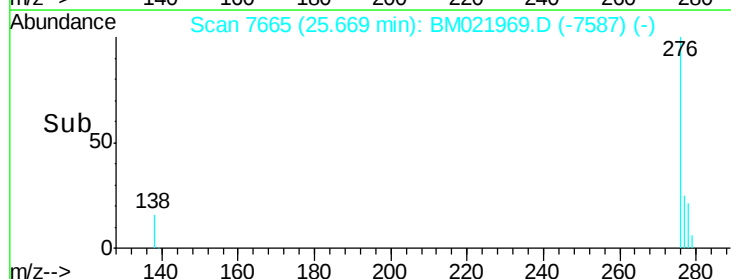
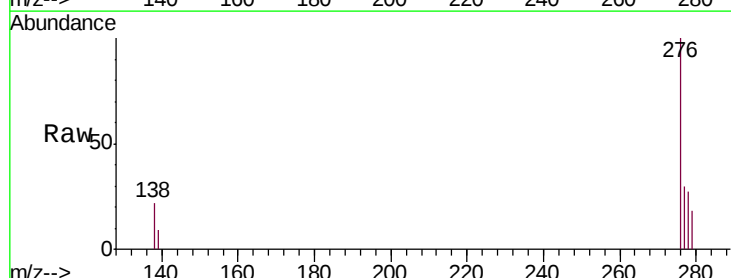
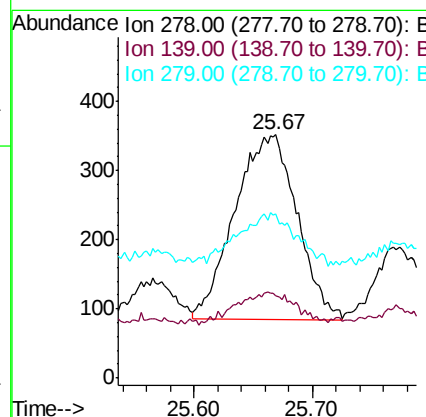
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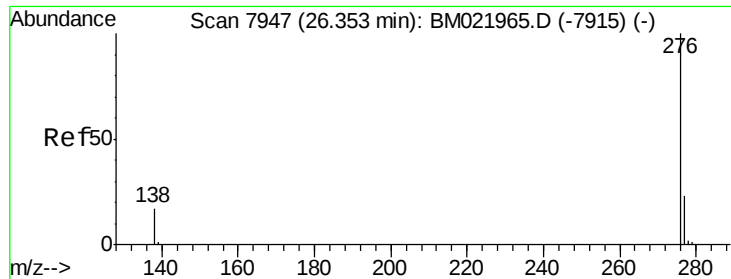
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.049 ng/u1
 RT: 25.67 min Scan# 7665
 Delta R.T. -0.01 min
 Lab File: BM021969.D
 Acq: 09 Aug 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	982		
139	33.8	14.2	21.2#	
279	67.6	28.3	42.5#	





#26

Benzo(g,h,i)perylene

Concen: 0.152 ng/ul

RT: 26.34 min Scan# 7943

Delta R.T. -0.01 min

Lab File: BM021969.D

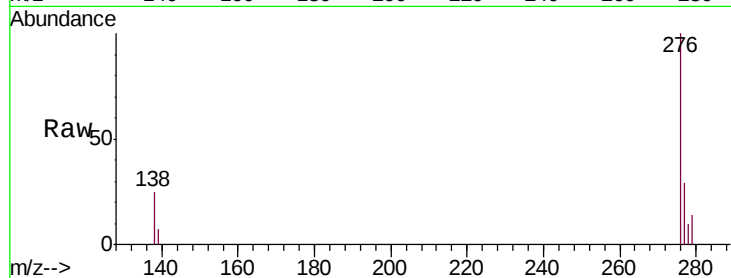
Acq: 09 Aug 2019 14:11

Instrument :

BNA_M

ClientSampleId :

BENW2DL



Tgt Ion:	276	Resp:	3392
Ion Ratio	Lower	Upper	
276	100		
138	25.0	15.5	23.3#
277	29.2	21.4	32.2

Manual Integrations
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