

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM008002.D
 Acq On : 22 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5695-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST9

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Quant Time: Nov 23 10:02:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:26:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	736	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	2578	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1568	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3203m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3021	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2601m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	631	0.17	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	1570	0.17	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	506	0.07	ng/ul#	73
5) 2-Methylnaphthalene	12.17	142	435	0.09	ng/ul	97
12) Phenanthrene	17.14	178	1693m	0.17	ng/ul	
13) Anthracene	17.23	178	354	0.04	ng/ul#	62
15) Fluoranthene	19.17	202	3349	0.26	ng/ul	93
17) Pyrene	19.52	202	3994	0.38	ng/ul	95
18) Benzo(a)anthracene	21.27	228	1767	0.19	ng/ul#	86
19) Chrysene	21.32	228	1836	0.16	ng/ul#	89
21) Benzo(b)fluoranthene	22.86	252	2484m	0.24	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	844m	0.08	ng/ul	
23) Benzo(a)pyrene	23.43	252	1973m	0.20	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	1420m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	1548m	0.15	ng/ul	

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

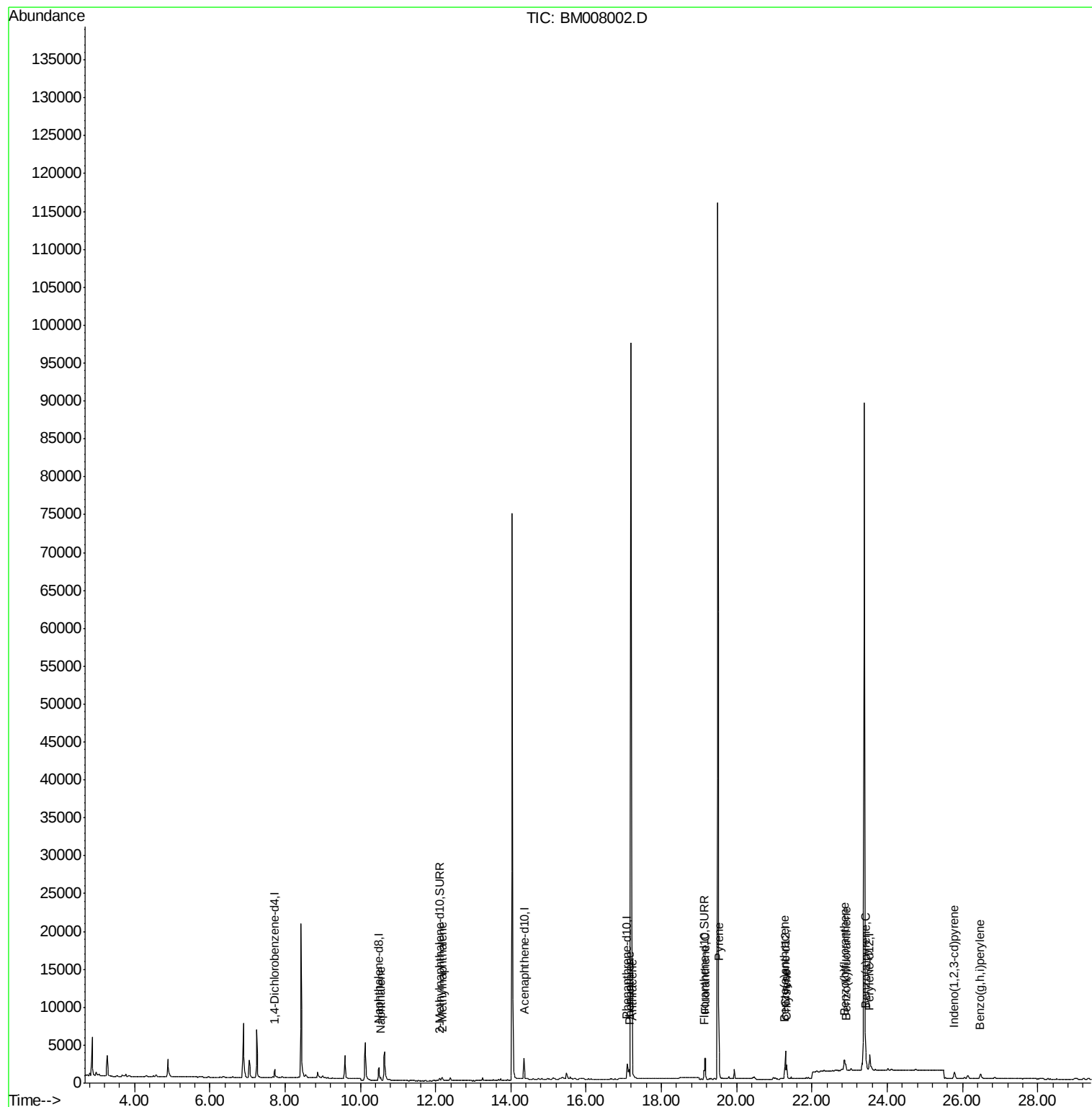
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
Data File : BM008002.D
Acq On : 22 Nov 2016 19:47
Operator : UM/SJ
Sample : H5695-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

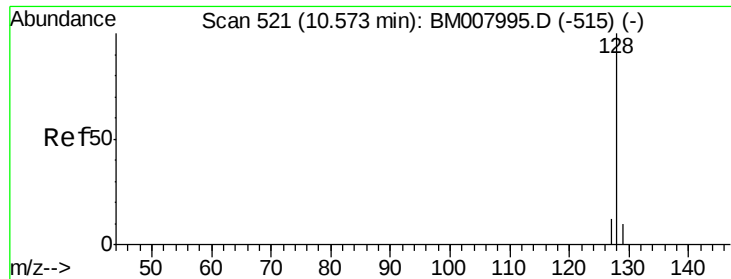
Instrument :
BNA_M
ClientSampleId :
JHST9

Quant Time: Nov 23 10:02:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:26:48 2016
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.07 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.01 min

Lab File: BM008002.D

Acq: 22 Nov 2016 19:47

Instrument :

BNA_M

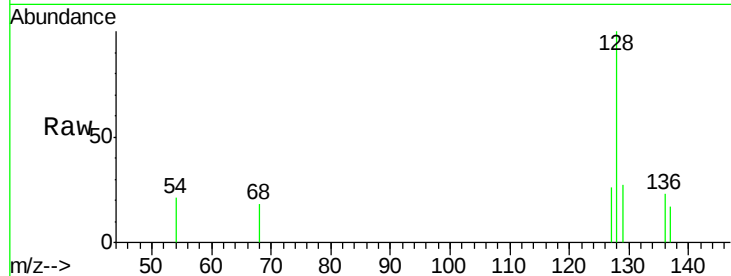
ClientSampleId :

JHST9

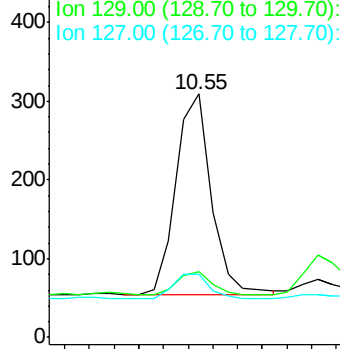
Tgt Ion:	128	Resp:	506
Ion Ratio	Lower	Upper	
128	100		
129	27.2	11.3	16.9#
127	25.9	12.8	19.2#

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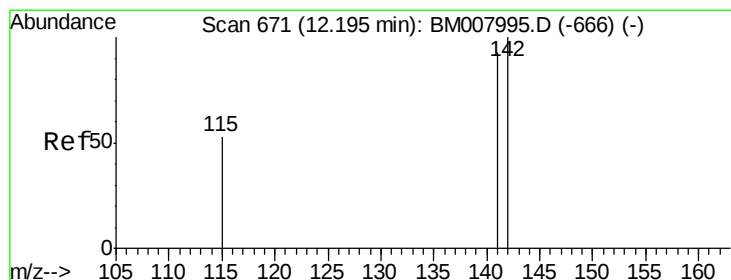
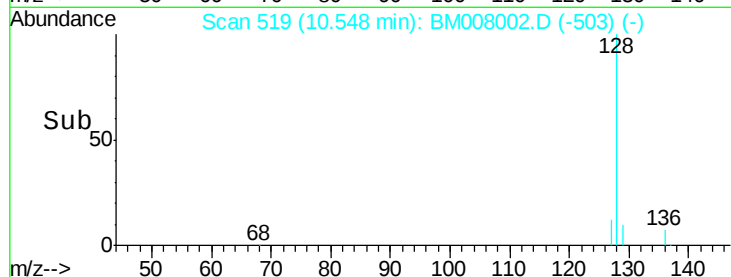
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.09 ng/ul

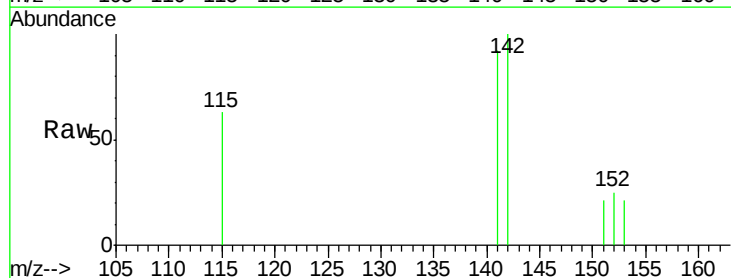
RT: 12.17 min Scan# 669

Delta R.T. -0.01 min

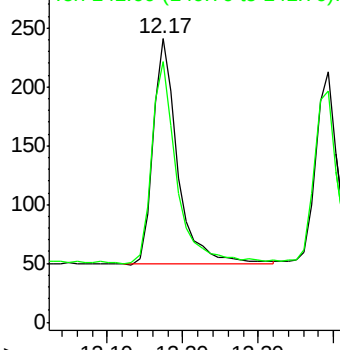
Lab File: BM008002.D

Acq: 22 Nov 2016 19:47

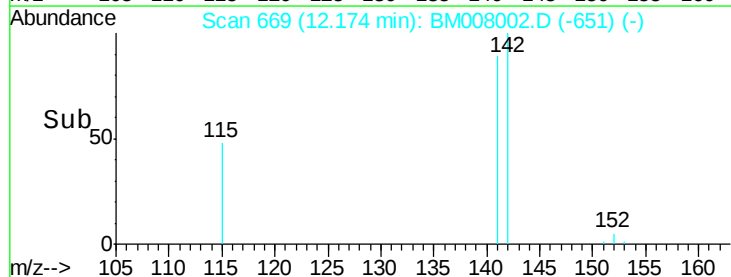
Tgt Ion:	142	Resp:	435
Ion Ratio	Lower	Upper	
142	100		
141	93.1	72.6	108.8

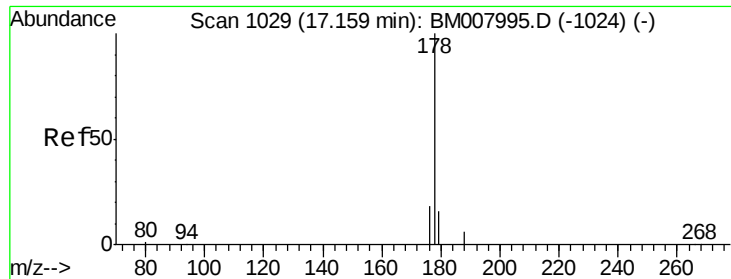


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





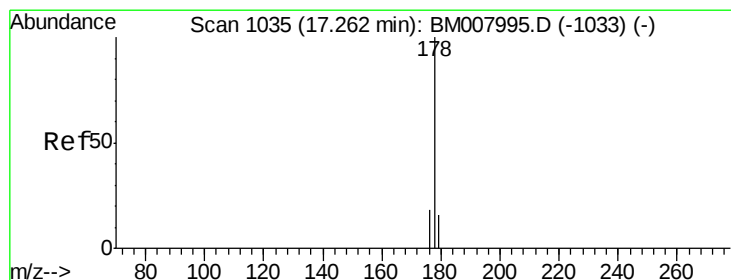
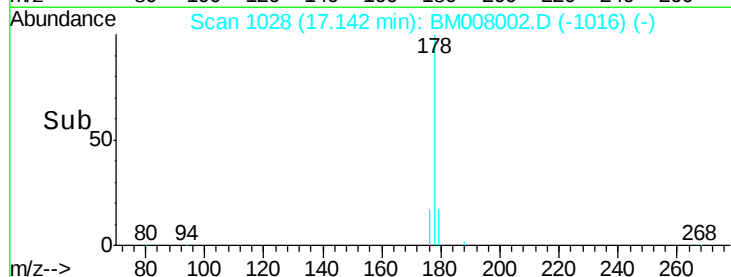
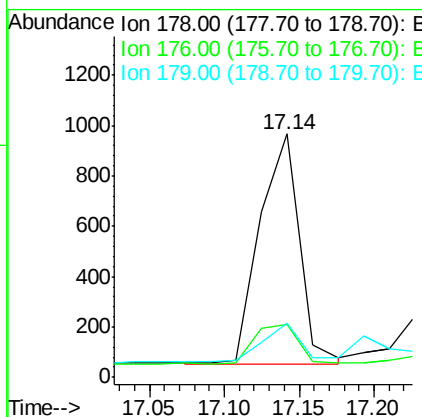
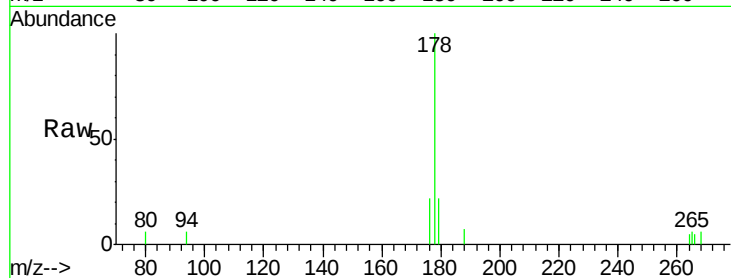
#12
Phenanthrene
Concen: 0.17 ng/ul m
RT: 17.14 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM008002.D
Acq: 22 Nov 2016 19:47

Instrument :
BNA_M
ClientSampled :
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Tgt Ion:178 Resp: 1693
Ion Ratio Lower Upper
178 100
176 21.6 18.4 27.6
179 22.4 13.6 20.4#

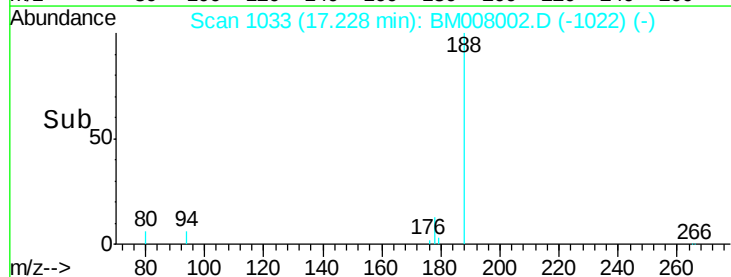
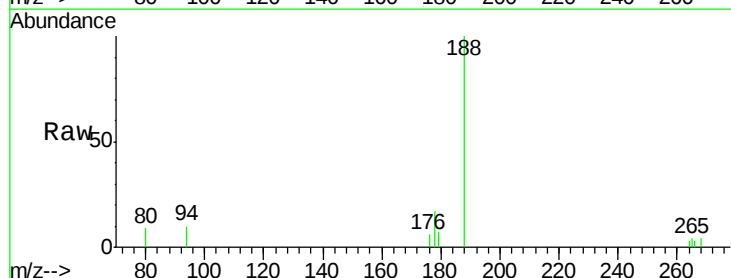
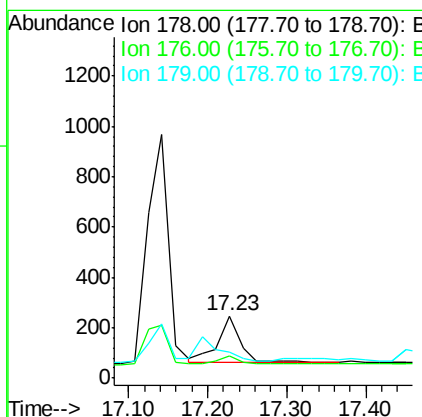
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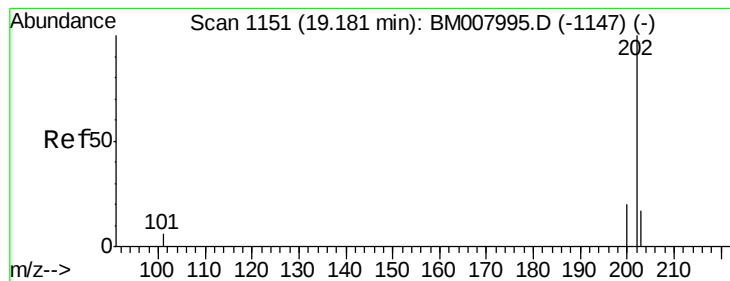
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#13
Anthracene
Concen: 0.04 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008002.D
Acq: 22 Nov 2016 19:47

Tgt Ion:178 Resp: 354
Ion Ratio Lower Upper
178 100
176 35.5 18.1 27.1#
179 41.9 14.7 22.1#





#15

Fluoranthene

Concen: 0.26 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BM008002.D

Acq: 22 Nov 2016 19:47

Instrument :

BNA_M

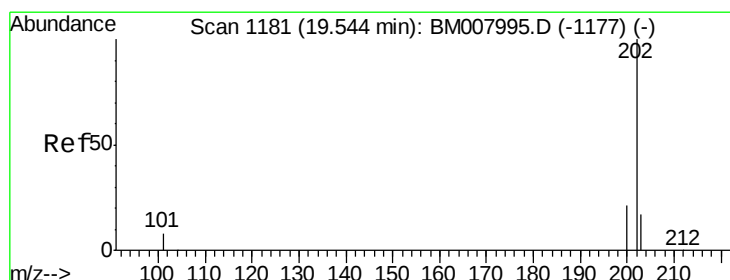
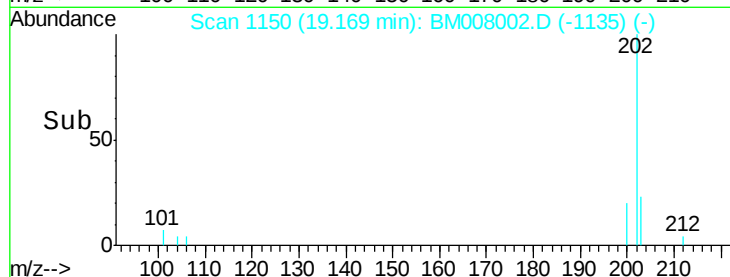
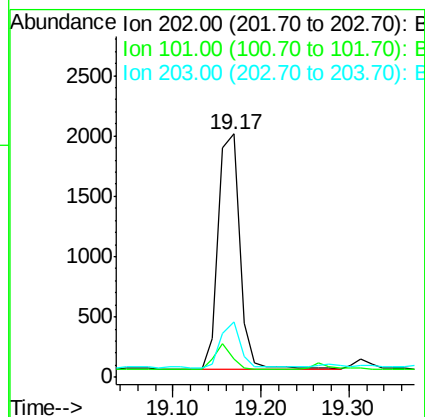
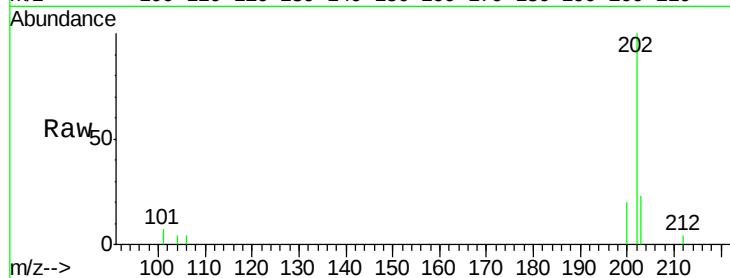
ClientSampled :

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Tgt Ion:	202	Resp:	3349
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	30.3
203	22.6	0.0	39.5

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#17

Pyrene

Concen: 0.38 ng/ul

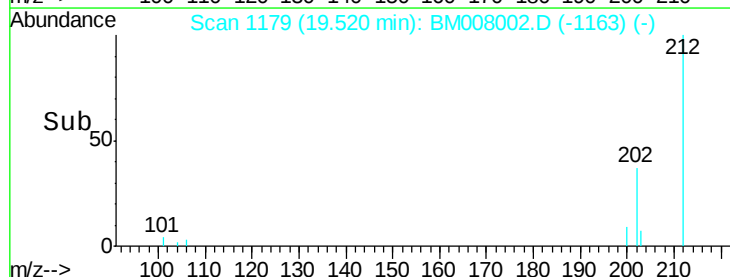
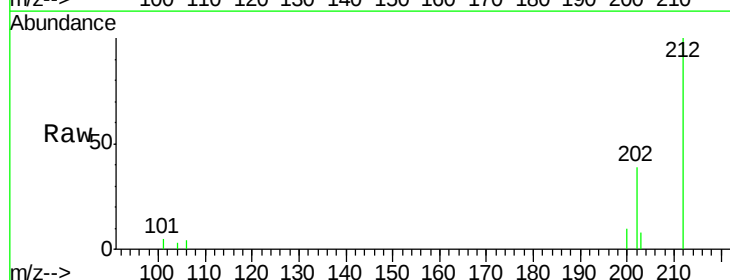
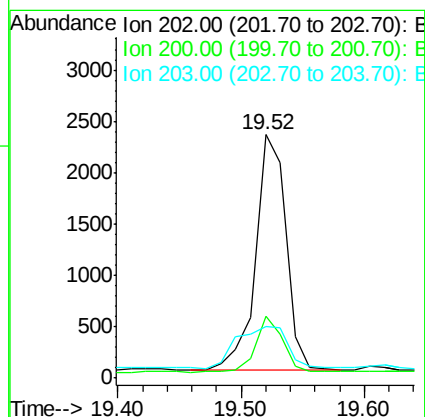
RT: 19.52 min Scan# 1179

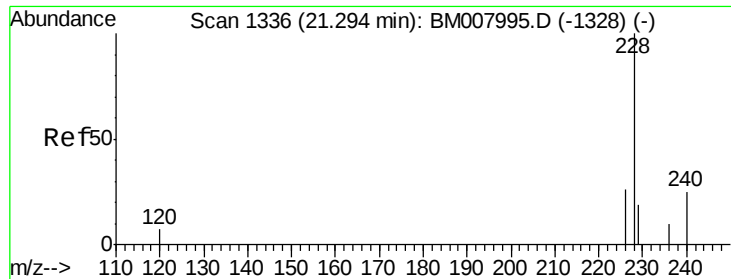
Delta R.T. -0.01 min

Lab File: BM008002.D

Acq: 22 Nov 2016 19:47

Tgt Ion:	202	Resp:	3994
Ion Ratio	Lower	Upper	
202	100		
200	25.5	18.2	27.4
203	21.1	15.6	23.4





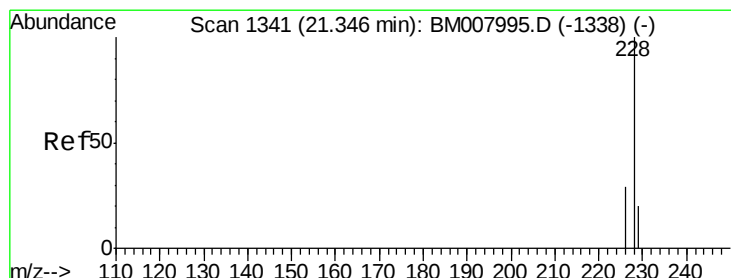
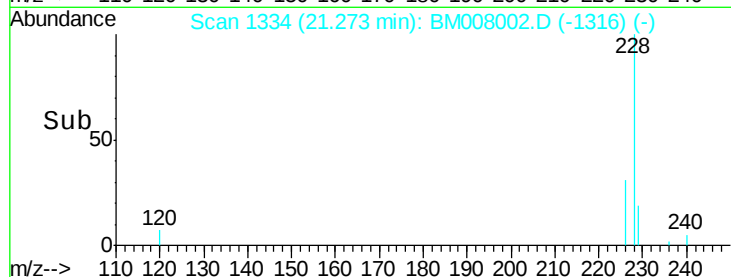
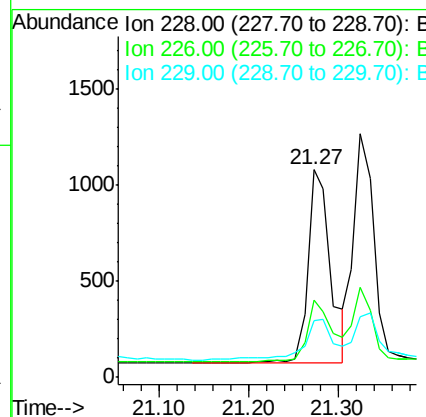
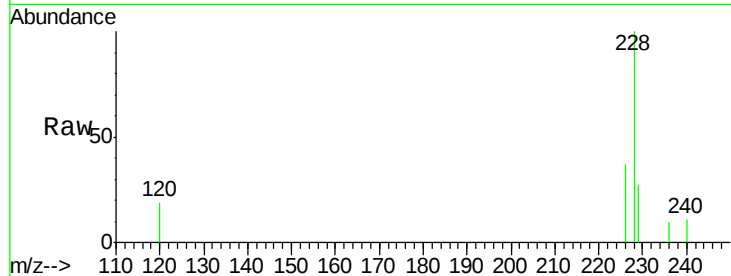
#18
Benzo(a)anthracene
Concen: 0.19 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008002.D
Acq: 22 Nov 2016 19:47

Instrument :
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ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.0	22.8	34.2#
229	27.1	17.0	25.6#

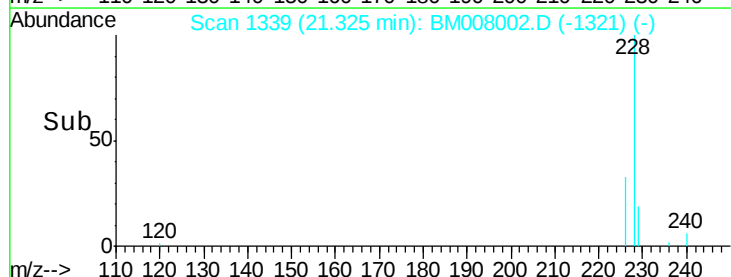
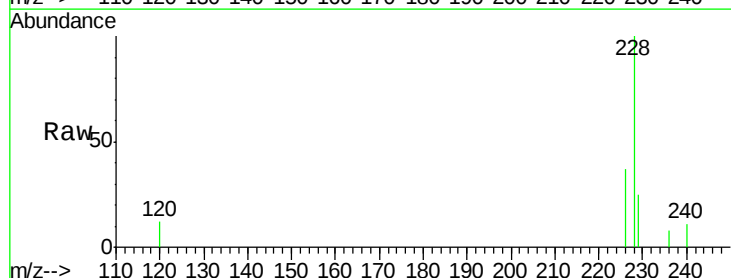
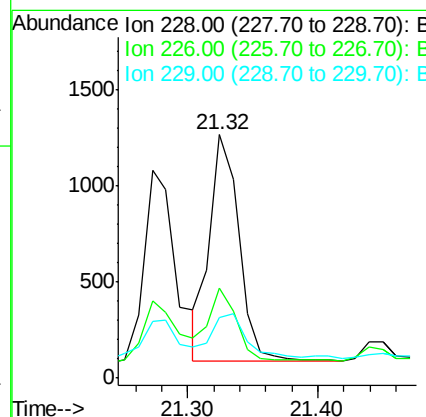
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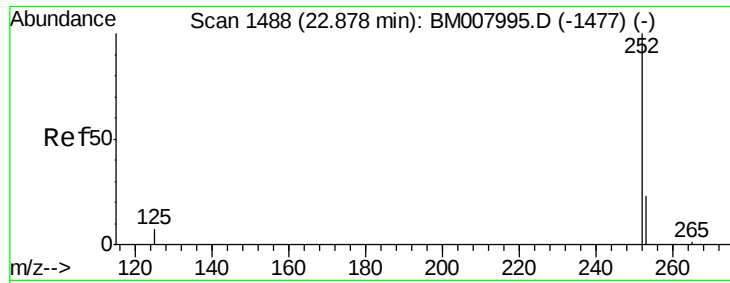
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#19
Chrysene
Concen: 0.16 ng/ul
RT: 21.32 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM008002.D
Acq: 22 Nov 2016 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.1	23.4	35.0#
229	24.9	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.24 ng/ul m

RT: 22.86 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BM008002.D

Acq: 22 Nov 2016 19:47

Instrument :

BNA_M

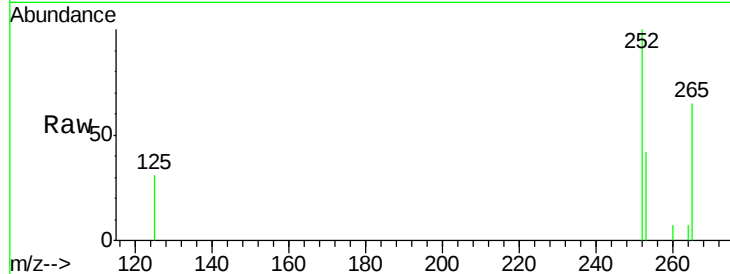
ClientSampled :

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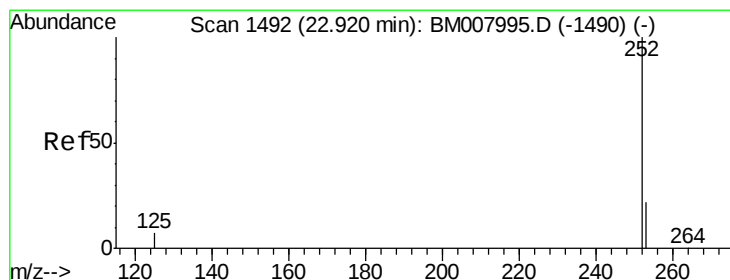
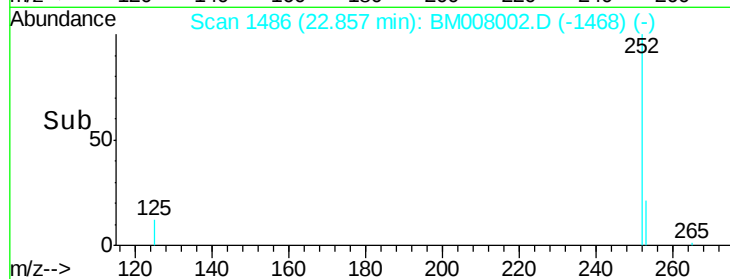
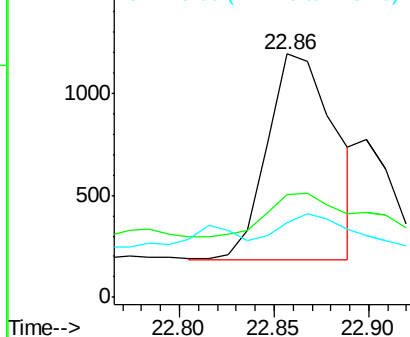
Tgt Ion:	252	Resp:	2484
Ion Ratio	Lower	Upper	
252	100		
253	42.1	0.0	64.2
125	30.7	0.0	35.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.08 ng/ul m

RT: 22.90 min Scan# 1490

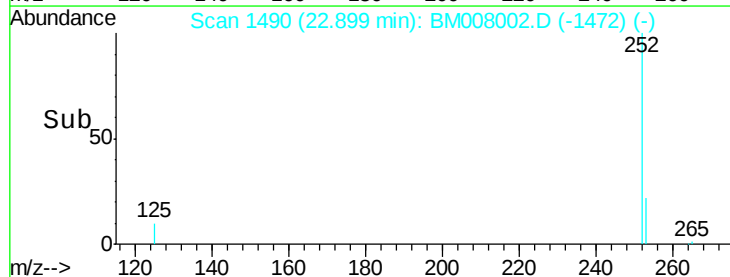
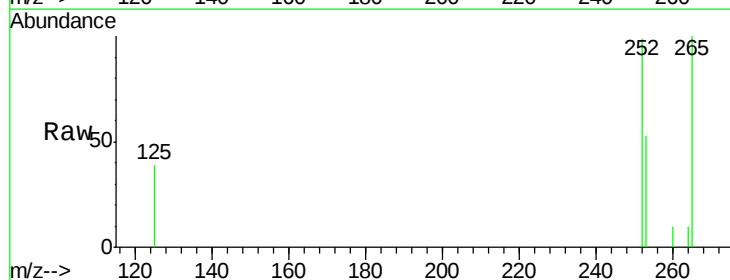
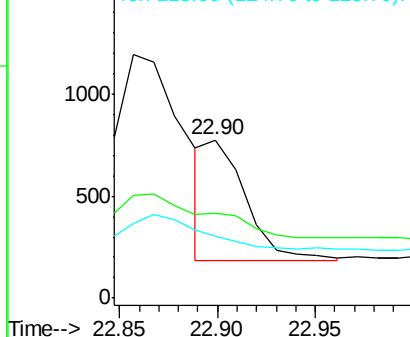
Delta R.T. -0.01 min

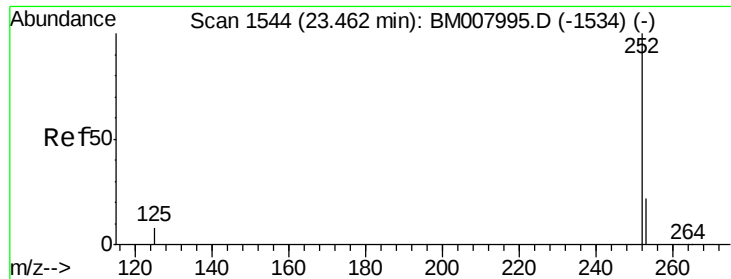
Lab File: BM008002.D

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Tgt Ion:	252	Resp:	844
Ion Ratio	Lower	Upper	
252	100		
253	53.4	24.5	36.7#
125	39.0	13.7	20.5#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.20 ng/ul m

RT: 23.43 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM008002.D

Acq: 22 Nov 2016 19:47

Instrument :

BNA_M

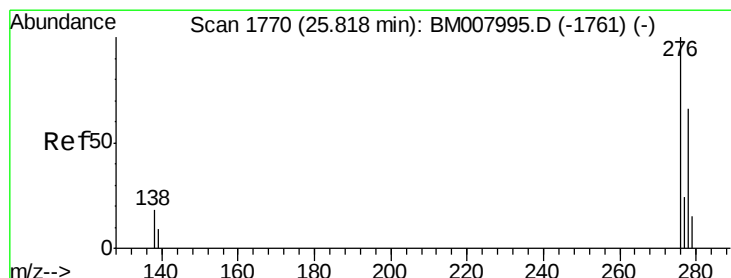
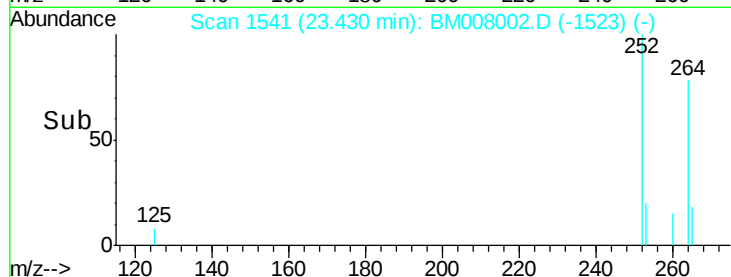
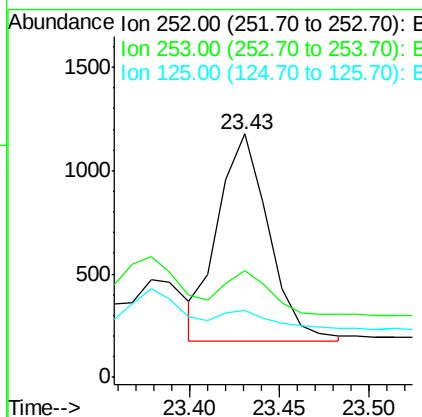
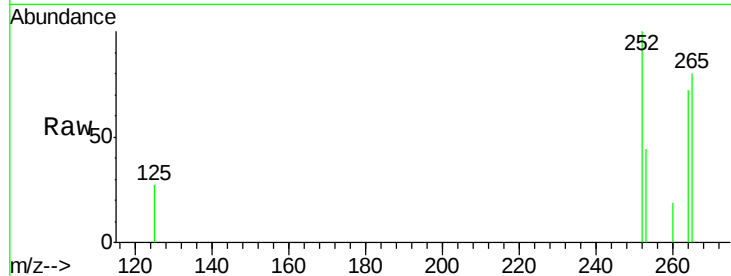
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Tgt Ion:	252	Resp:	1973
Ion Ratio	Lower	Upper	
252	100		
253	43.9	28.5	42.7#
125	27.4	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng/ul m

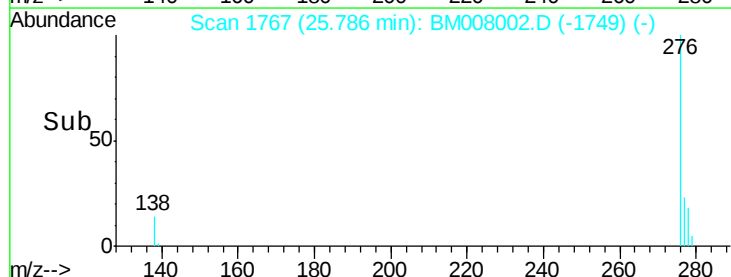
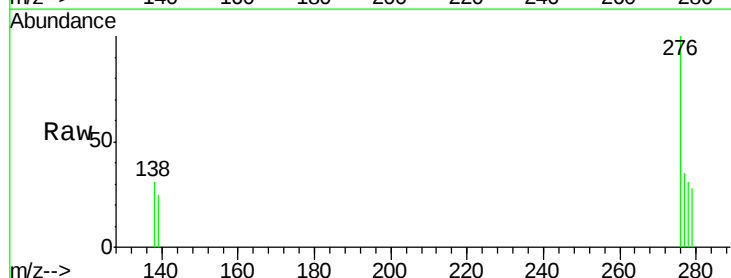
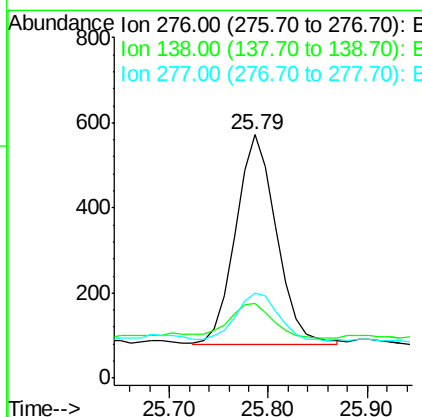
RT: 25.79 min Scan# 1767

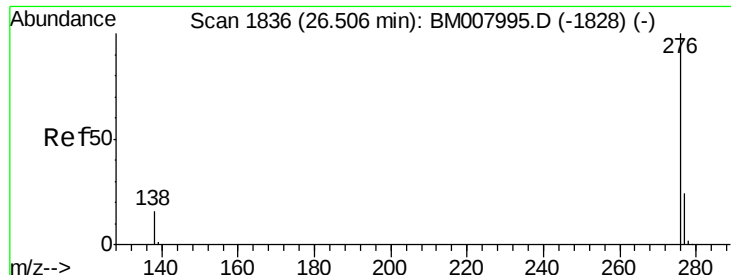
Delta R.T. -0.01 min

Lab File: BM008002.D

Acq: 22 Nov 2016 19:47

Tgt Ion:	276	Resp:	1420
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	97.6	19.6	29.4#





#26

Benzo(g,h,i)perylene

Concen: 0.15 ng/ul m

RT: 26.47 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM008002.D

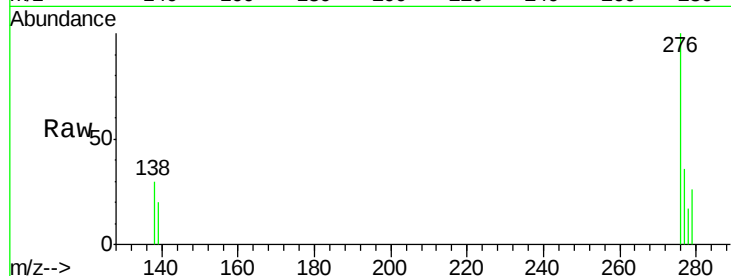
Acq: 22 Nov 2016 19:47

Instrument :

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ClientSampleId :

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Tgt Ion: 276 Resp: 1548

Ion Ratio Lower Upper

276 100

277 35.7 21.8 32.8#

138 30.3 20.5 30.7

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