

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025281.D
 Acq On : 05 Mar 2020 10:25
 Operator : CG/JU
 Sample : L1543-11
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD93

Manual Integrations
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Quant Time: Mar 05 14:19:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4058	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	18051	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13413	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	32571m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	30322	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	26707	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9027	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	29728	0.28	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.02	152	5399	0.086	ng/ul	98
12) Phenanthrene	17.08	178	8026	0.076	ng/ul	98
13) Anthracene	17.17	178	21580	0.232	ng/ul	96
15) Fluoranthene	19.10	202	123974	0.943	ng/ul	96
17) Pyrene	19.47	202	187818	1.633	ng/ul#	95
18) Benzo(a)anthracene	21.21	228	90611	0.813	ng/ul	99
19) Chrysene	21.26	228	181392	1.481	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	270166m	2.528	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	121209m	1.082	ng/ul	
23) Benzo(a)pyrene	23.33	252	81711	0.911	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.59	276	68644	0.614	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	16301	0.176	ng/ul	96
26) Benzo(g,h,i)perylene	26.26	276	43263	0.456	ng/ul#	93

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

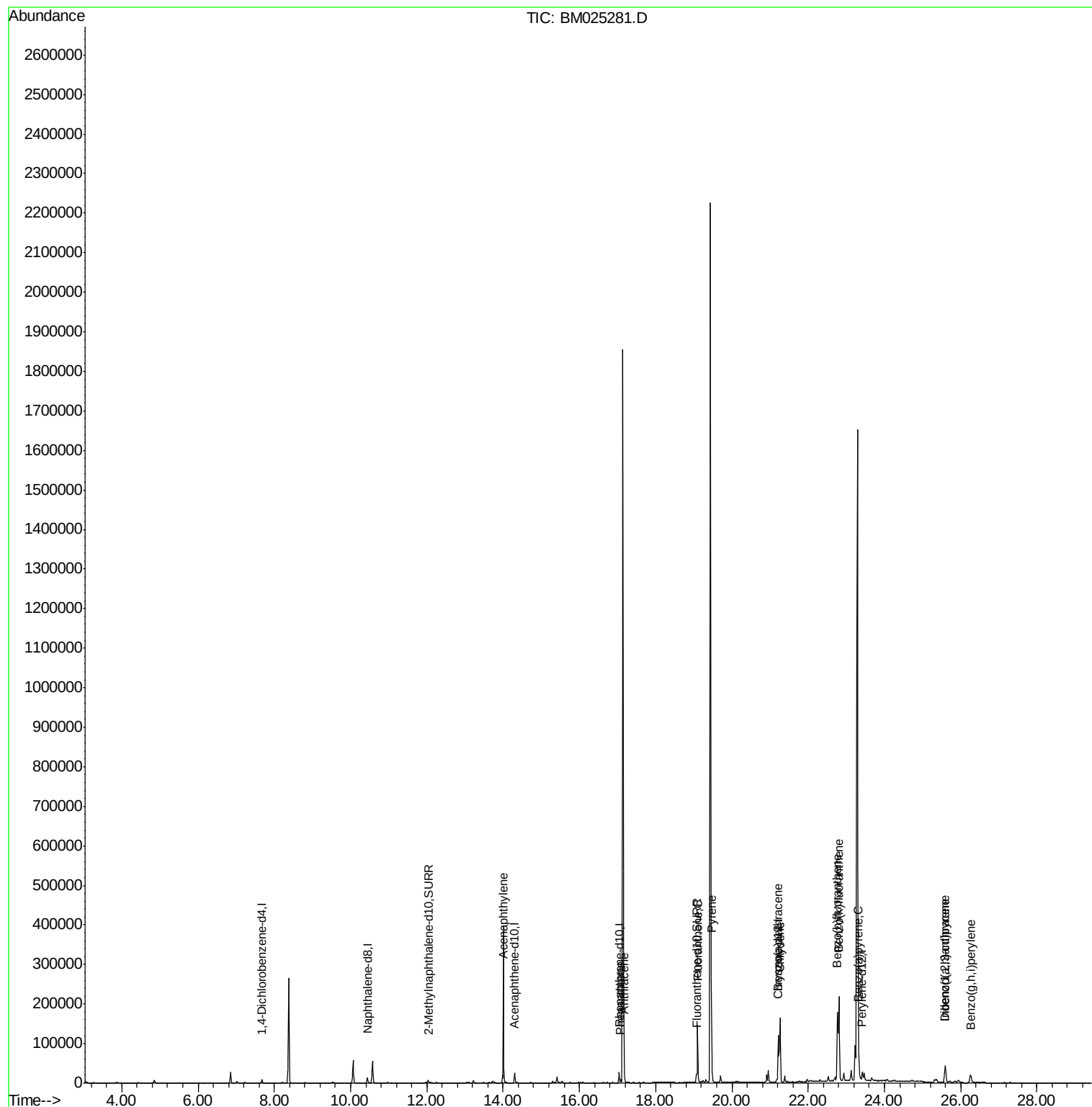
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025281.D
Acq On : 05 Mar 2020 10:25
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

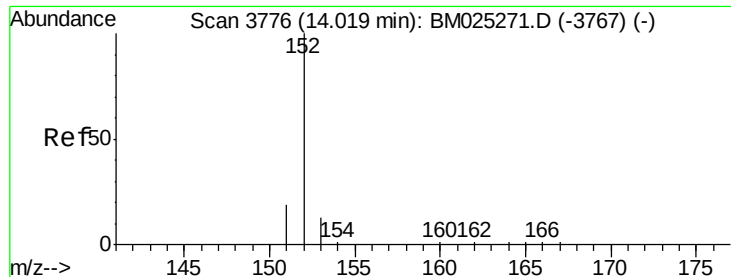
Instrument :
BNA_M
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DBD93

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Quant Time: Mar 05 14:19:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.086 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.01 min

Lab File: BM025281.D

Acq: 05 Mar 2020 10:25

Instrument :

BNA_M

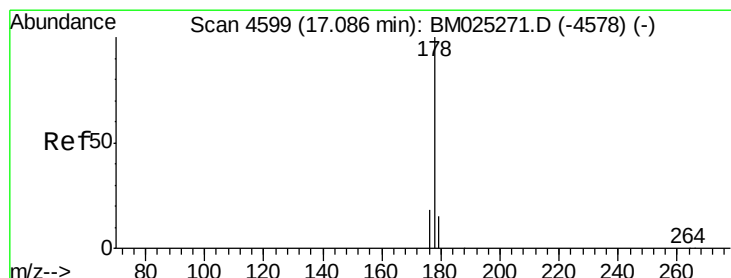
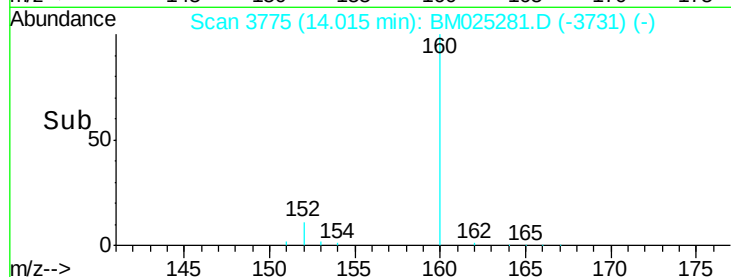
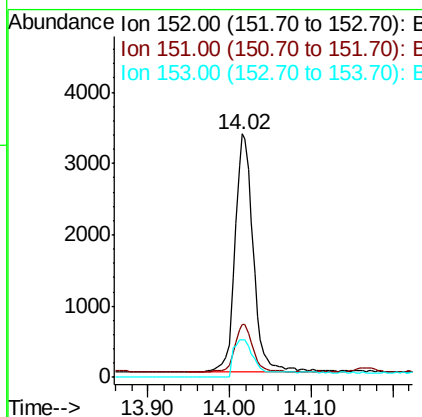
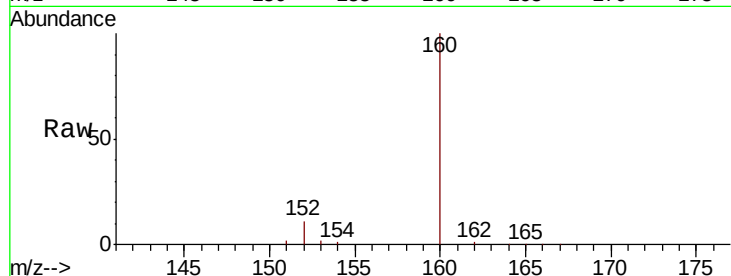
ClientSampleId :

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Tot Ion:	152	Resp:	5399
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.8	26.8
153	15.6	13.3	19.9

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#12

Phenanthrene

Concen: 0.076 ng/ul

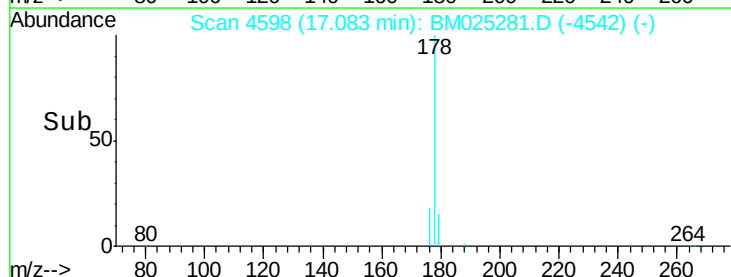
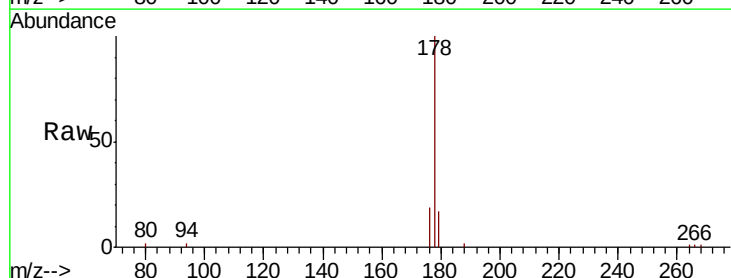
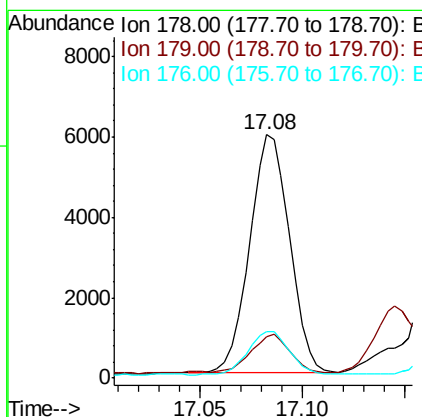
RT: 17.08 min Scan# 4598

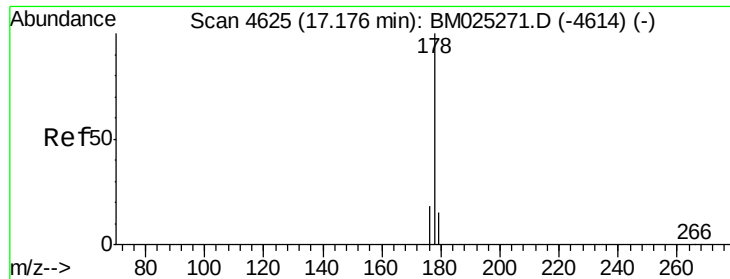
Delta R.T. -0.01 min

Lab File: BM025281.D

Acq: 05 Mar 2020 10:25

Tgt Ion:	178	Resp:	8026
Ion Ratio	Lower	Upper	
178	100		
179	17.0	14.0	21.0
176	19.3	16.6	24.8





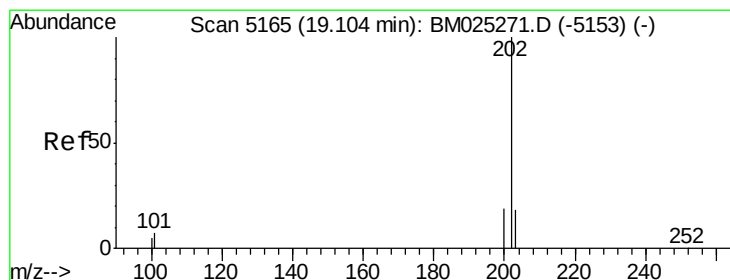
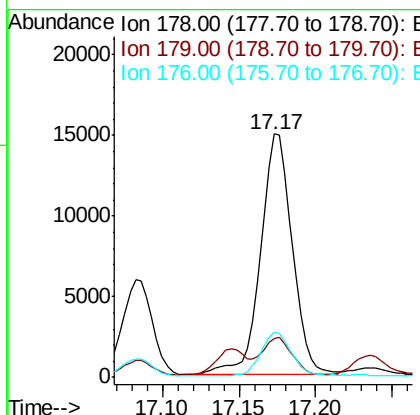
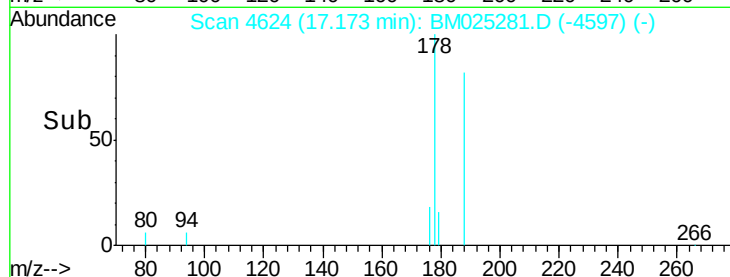
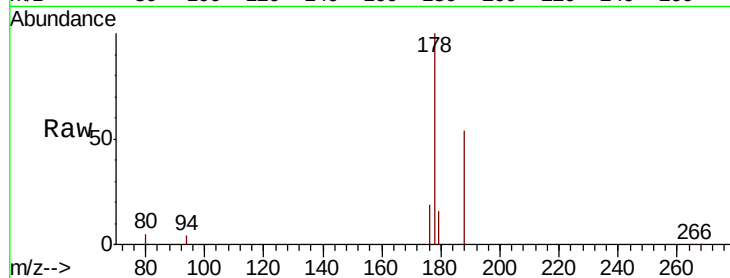
#13
 Anthracene
 Concen: 0.232 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.01 min
 Lab File: BM025281.D
 Acq: 05 Mar 2020 10:25

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.1	21.1
176	18.6	16.2	24.4

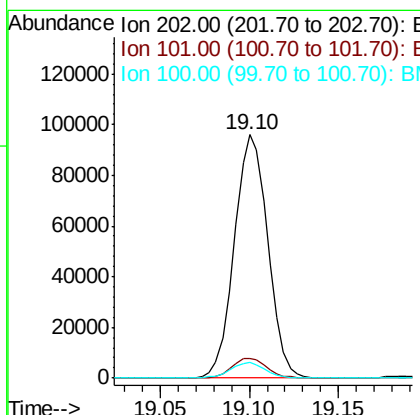
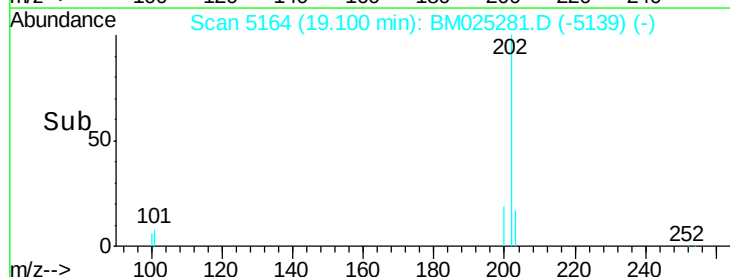
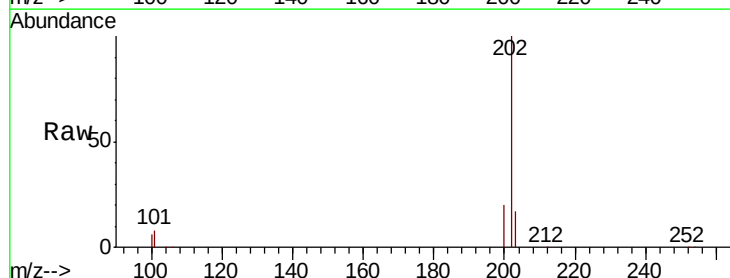
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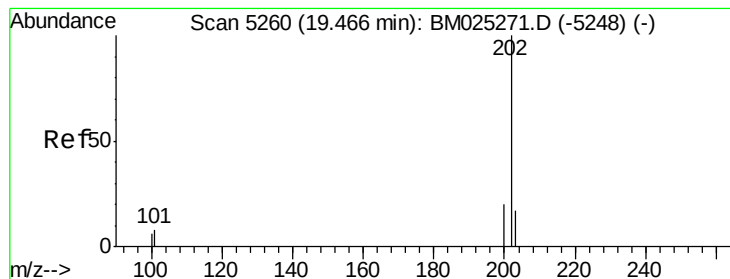
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#15
 Fluoranthene
 Concen: 0.943 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.01 min
 Lab File: BM025281.D
 Acq: 05 Mar 2020 10:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.4
100	6.3	0.0	28.0





#17

Pyrene

Concen: 1.633 ng/ul

RT: 19.47 min Scan# 5260

Delta R.T. -0.00 min

Lab File: BM025281.D

Acq: 05 Mar 2020 10:25

Instrument :

BNA_M

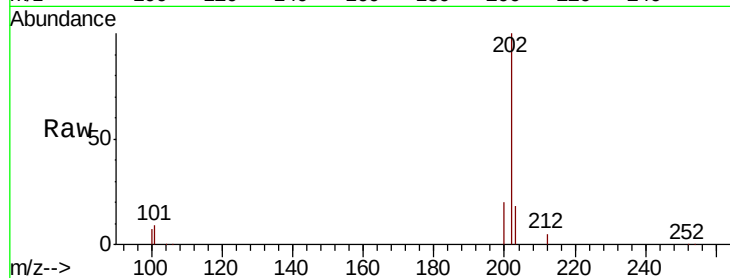
ClientSampleId :

DBD93

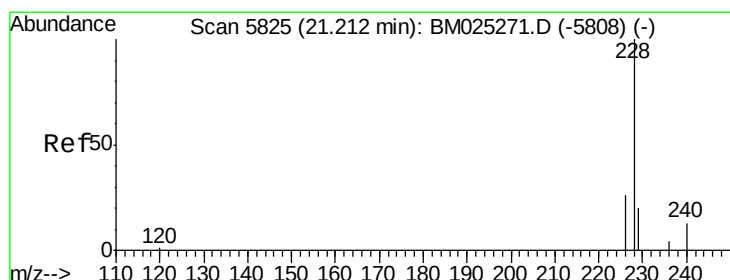
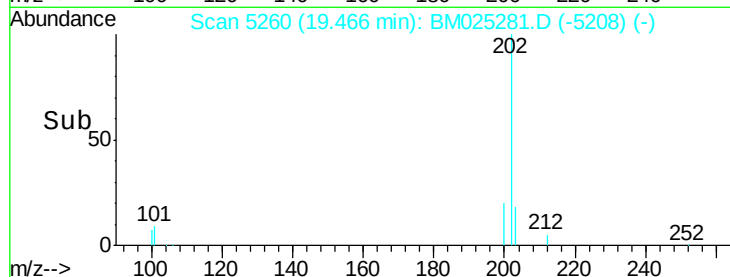
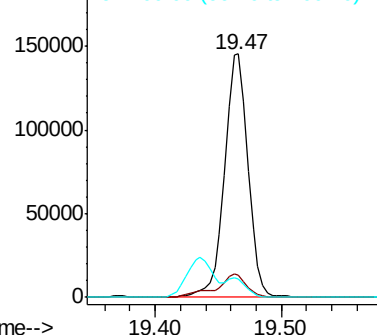
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	8.7	13.1
100	7.3	7.3	10.9#

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Abundance Ion 202.00 (201.70 to 202.70): E
200000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.813 ng/ul

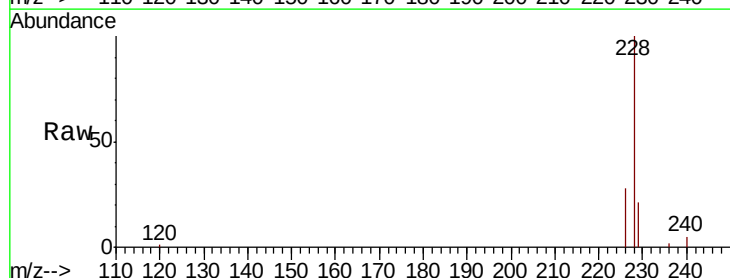
RT: 21.21 min Scan# 5825

Delta R.T. -0.00 min

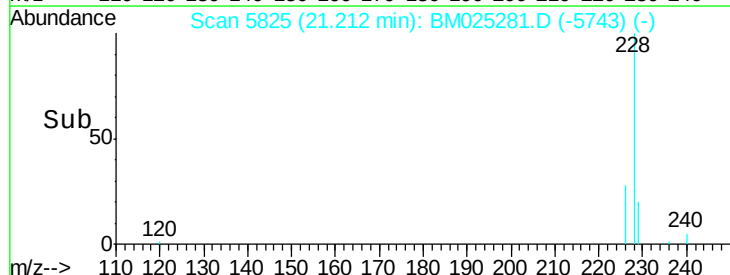
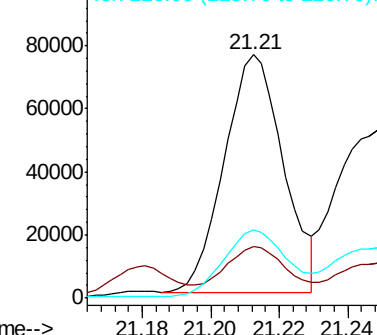
Lab File: BM025281.D

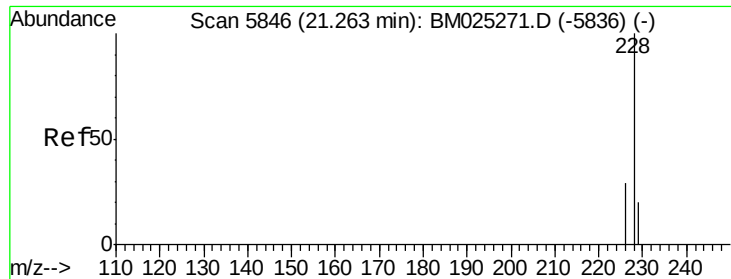
Acq: 05 Mar 2020 10:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.1	16.6	25.0
226	28.0	21.9	32.9



Abundance Ion 228.00 (227.70 to 228.70): E
100000
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.481 ng/ul

RT: 21.26 min Scan# 5846

Delta R.T. -0.00 min

Lab File: BM025281.D

Acq: 05 Mar 2020 10:25

Instrument :

BNA_M

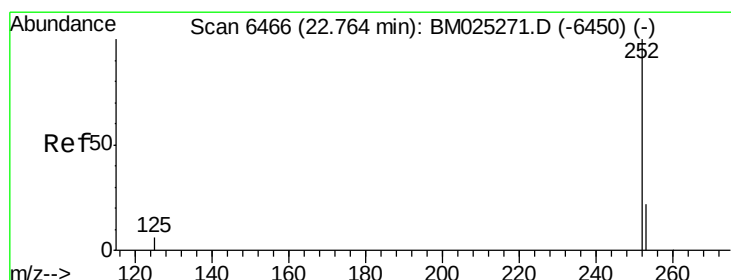
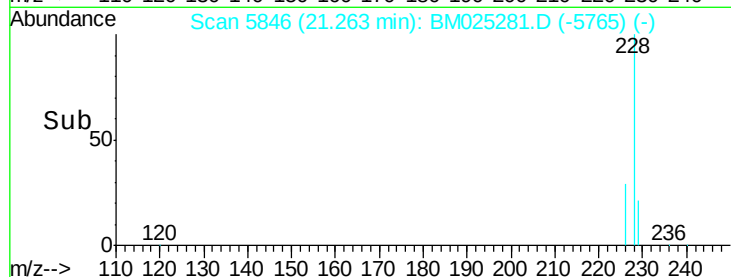
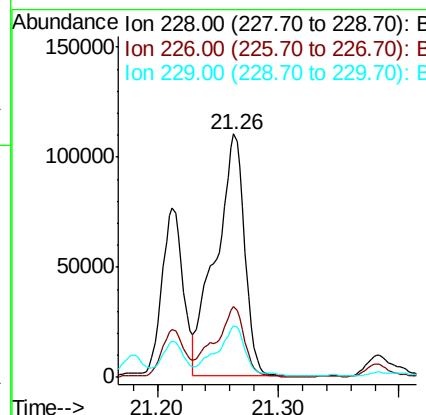
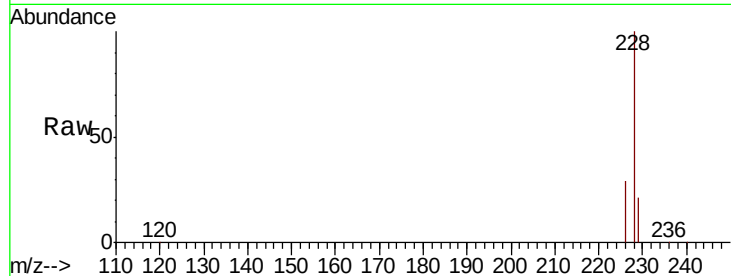
ClientSampleId :

DBD93

Tot Ion:	228	Resp:	181392
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.8	35.8
229	21.0	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 2.528 ng/ul m

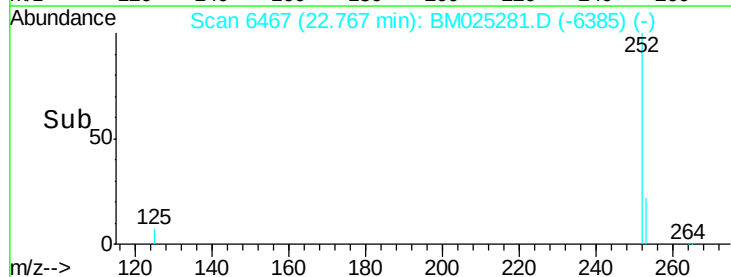
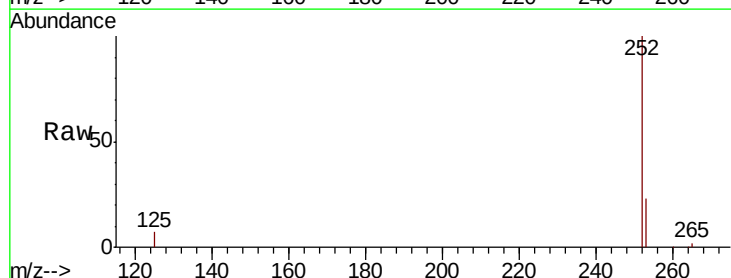
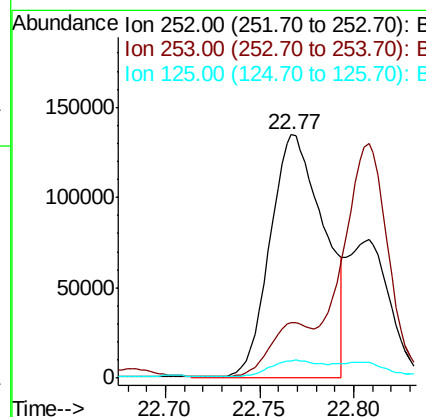
RT: 22.77 min Scan# 6467

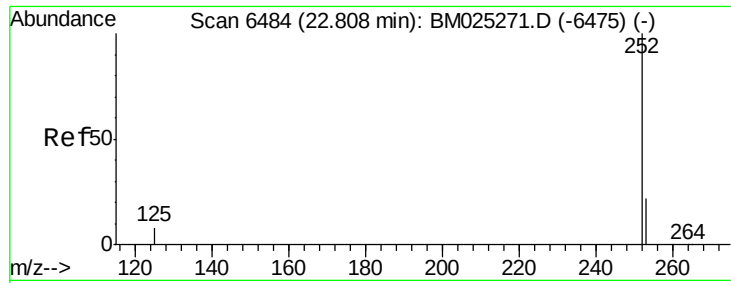
Delta R.T. -0.00 min

Lab File: BM025281.D

Acq: 05 Mar 2020 10:25

Tgt Ion:	252	Resp:	270166
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	49.8
125	7.3	0.0	28.6





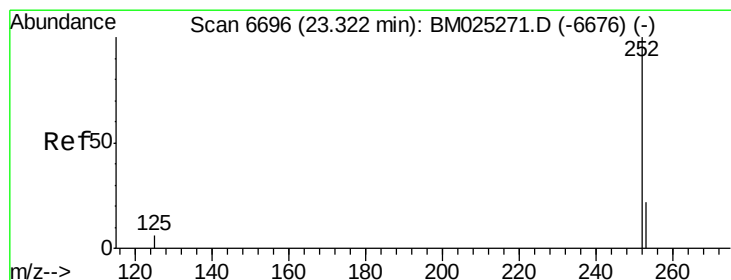
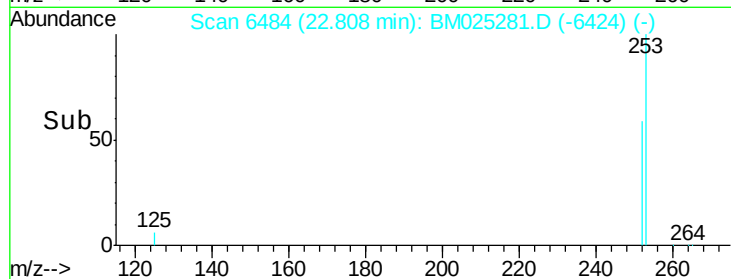
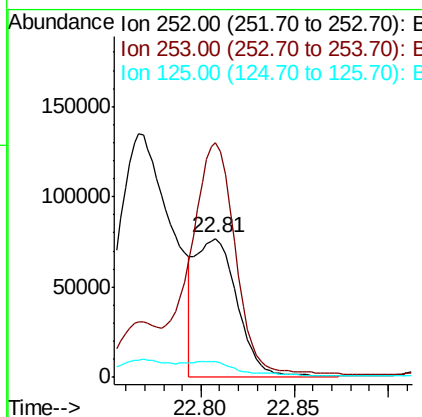
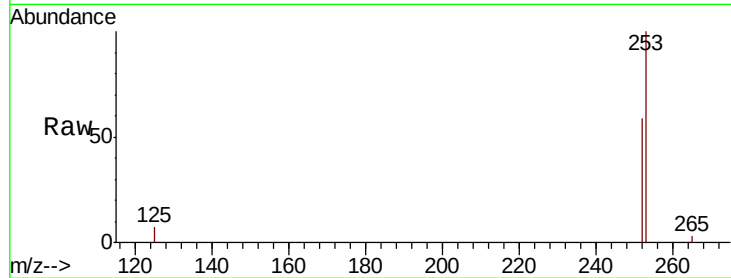
#22
Benzo(k)fluoranthene
Concen: 1.082 ng/ul m
RT: 22.81 min Scan# 6484
Delta R.T. -0.00 min
Lab File: BM025281.D
Acq: 05 Mar 2020 10:25

Instrument :
BNA_M
ClientSampleId :
DBD93

Tot Ion	Ratio	Lower	Upper
252	100		
253	169.6	19.4	29.0#
125	11.1	10.7	16.1

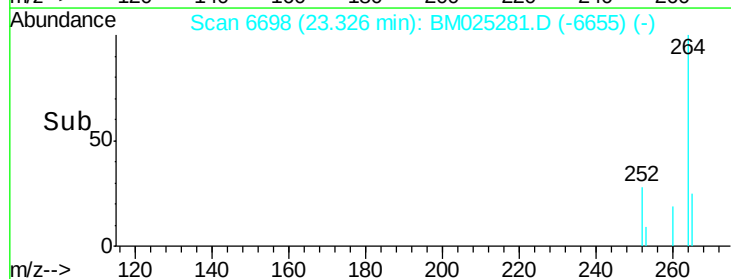
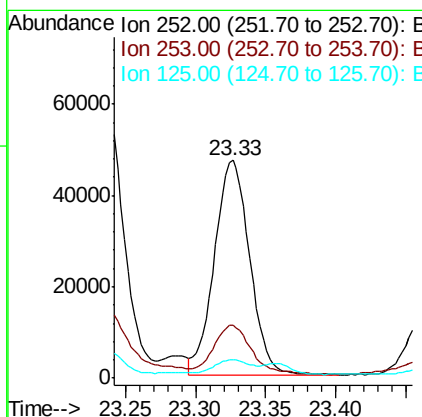
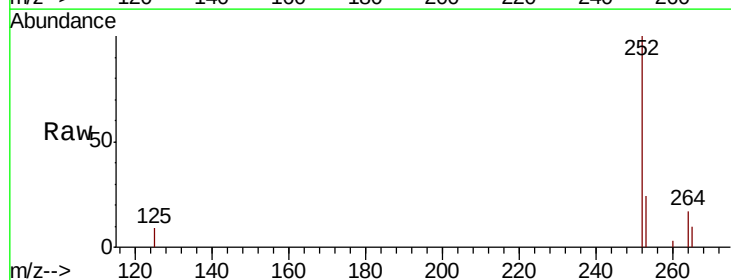
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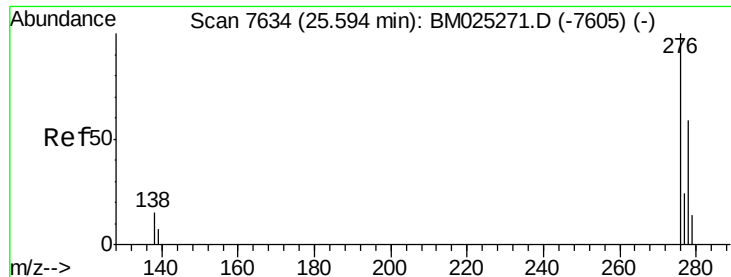
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#23
Benzo(a)pyrene
Concen: 0.911 ng/ul
RT: 23.33 min Scan# 6698
Delta R.T. 0.00 min
Lab File: BM025281.D
Acq: 05 Mar 2020 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.3	30.5
125	8.7	13.0	19.4#





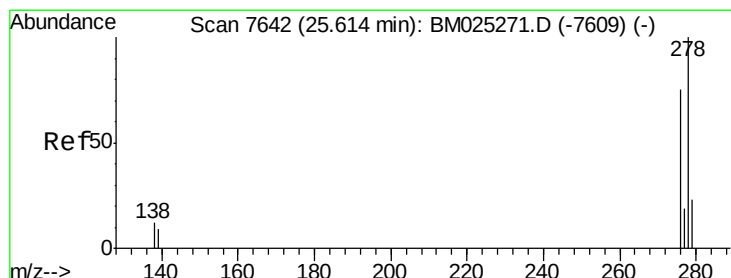
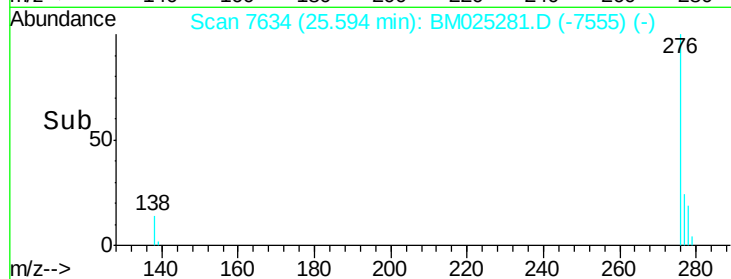
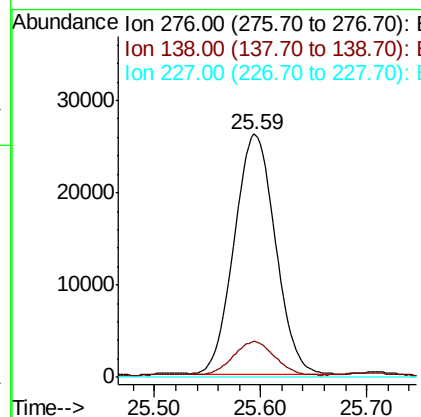
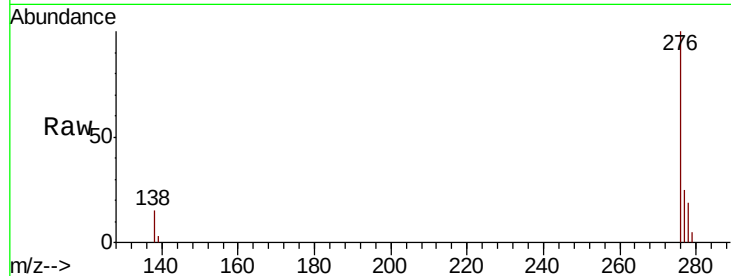
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.614 ng/ul
 RT: 25.59 min Scan# 7634
 Delta R.T. -0.01 min
 Lab File: BM025281.D
 Acq: 05 Mar 2020 10:25

Instrument :
 BNA_M
 ClientSampleId :
 DBD93

Tot Ion	Ratio	Resp	Lower	Upper
276	100	68644		
138	14.4	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

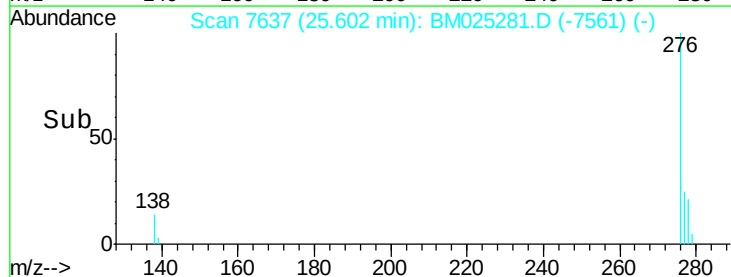
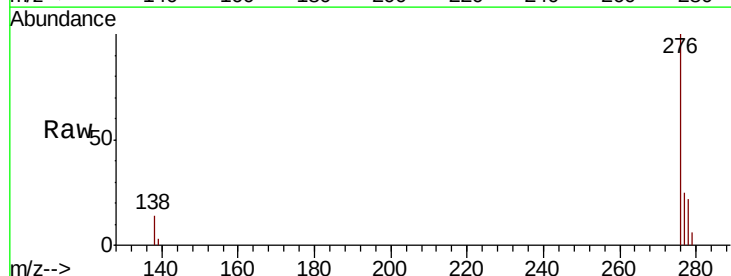
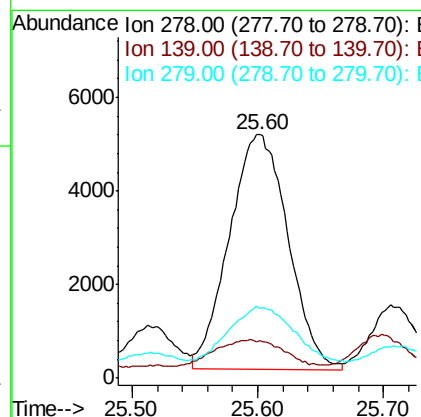
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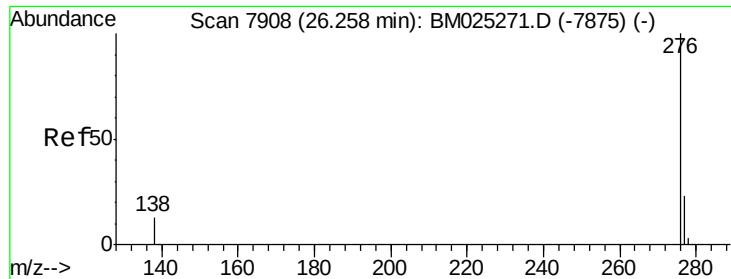
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.176 ng/ul
 RT: 25.60 min Scan# 7637
 Delta R.T. -0.02 min
 Lab File: BM025281.D
 Acq: 05 Mar 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	16301		
139	15.2	13.2	19.8	
279	28.5	21.0	31.4	





#26

Benzo(a,h,i)perylene

Concen: 0.456 ng/ul

RT: 26.26 min Scan# 7909

Delta R.T. -0.00 min

Lab File: BM025281.D

Acq: 05 Mar 2020 10:25

Instrument :

BNA_M

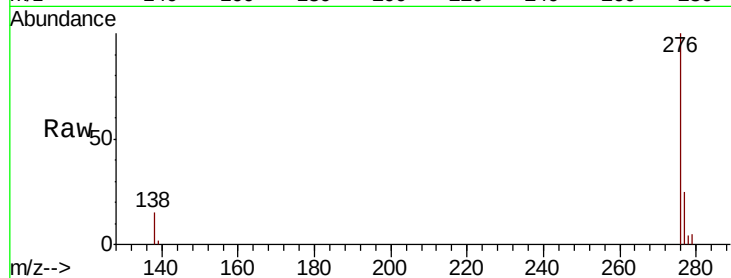
ClientSampleId :

DBD93

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	17.9	26.9#
277	25.2	20.5	30.7

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

