

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012829.D
 Acq On : 02 Dec 2020 21:21
 Operator : CG/JU
 Sample : L4793-15DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B42DL

Manual Integrations
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mohammad
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Quant Time: Dec 03 01:04:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 03 00:42:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	779	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	2961	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1711	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3586	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3032	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	3045	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	101	0.02	ng/ul	0.02
14) Fluoranthene-d10	18.87	212	253	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.79	152	661	0.079	ng/ul#	84
12) Phenanthrene	16.87	178	2810	0.225	ng/ul	100
13) Anthracene	16.97	178	814	0.075	ng/ul#	89
15) Fluoranthene	18.90	202	13679	0.950	ng/ul	95
17) Pyrene	19.26	202	15418	1.137	ng/ul	100
18) Benzo(a)anthracene	21.03	228	8275	0.762	ng/ul	100
19) Chrysene	21.08	228	9299	0.685	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	14347m	1.024	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	5062m	0.313	ng/ul	
23) Benzo(a)pyrene	23.06	252	10494	0.796	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.22	276	7767	0.451	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.23	278	1927	0.139	ng/ul#	85
26) Benzo(g,h,i)perylene	25.85	276	7661	0.494	ng/ul	98

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

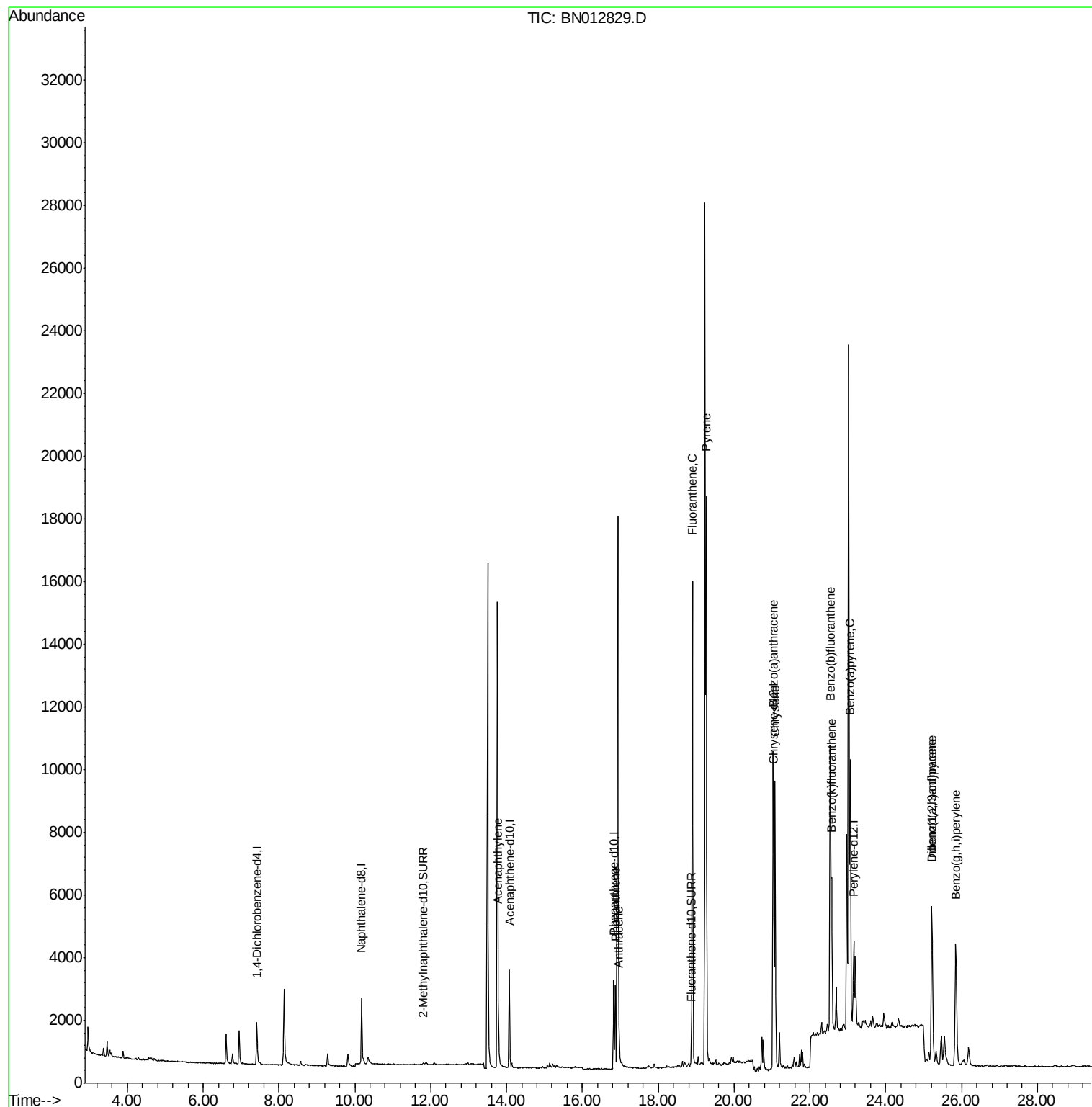
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012829.D
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Operator : CG/JU
Sample : L4793-15DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

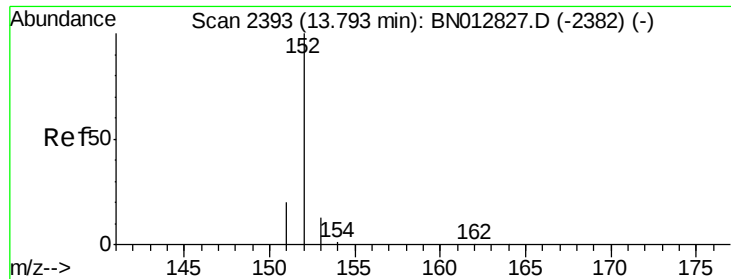
Instrument :
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Quant Time: Dec 03 01:04:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 03 00:42:46 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Instrument :

BNA_N

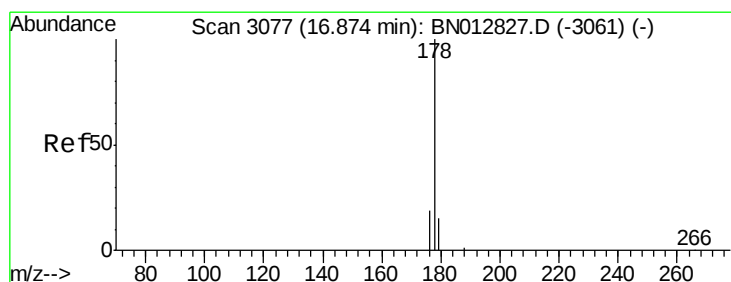
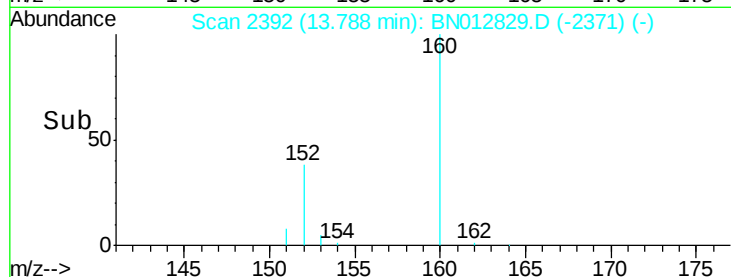
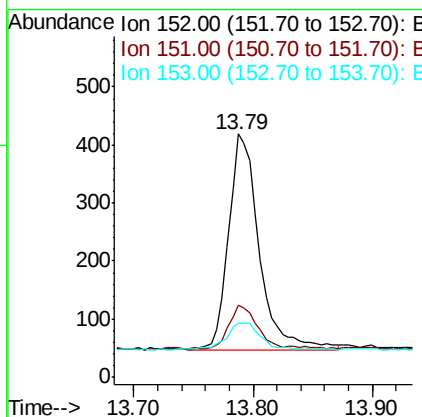
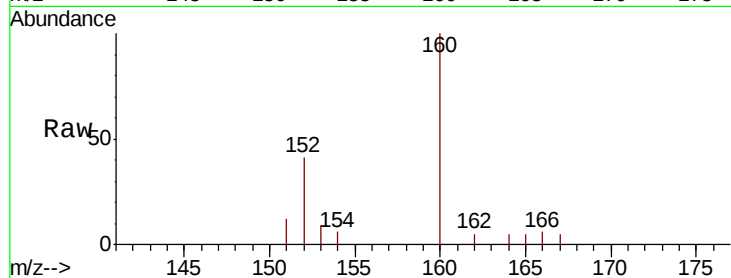
ClientSampleId :

C0B42DL

Tot Ion:	152	Resp:	661
Ion Ratio	Lower	Upper	
152	100		
151	29.4	17.1	25.7#
153	22.4	12.6	19.0#

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#12

Phenanthrene

Concen: 0.225 ng/ul

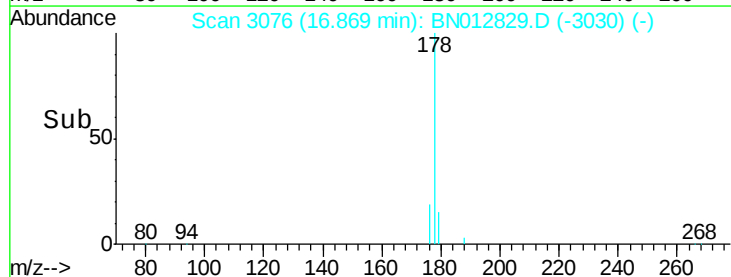
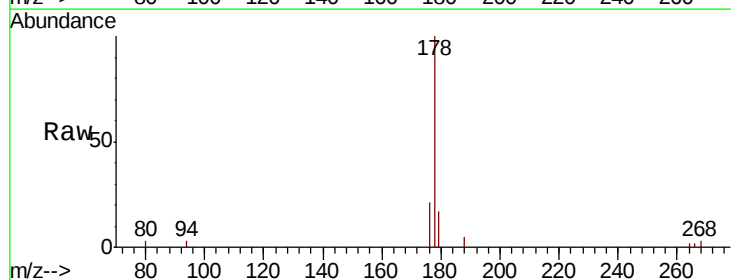
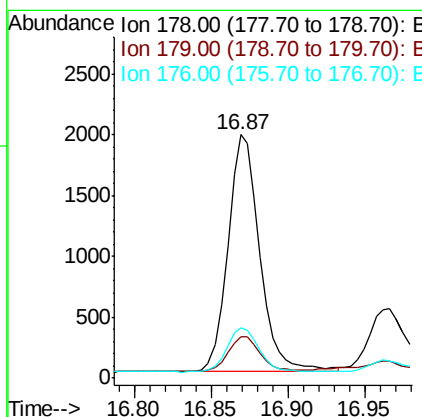
RT: 16.87 min Scan# 3076

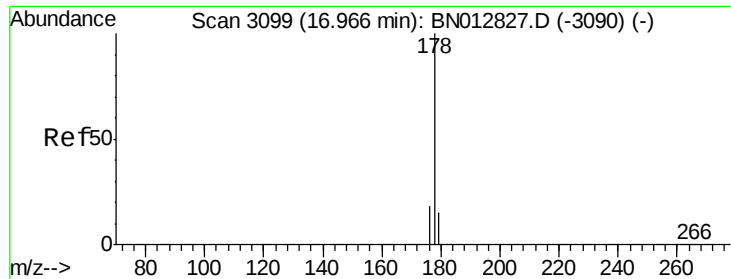
Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Tgt Ion:	178	Resp:	2810
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.8	20.6
176	20.6	16.7	25.1





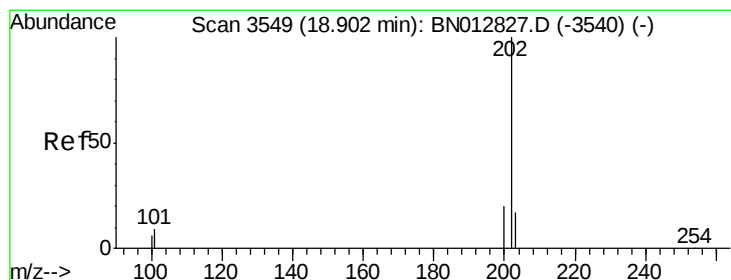
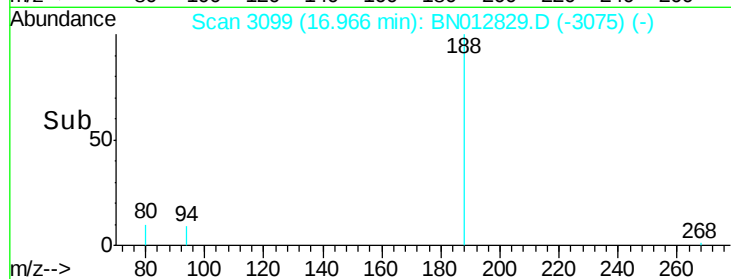
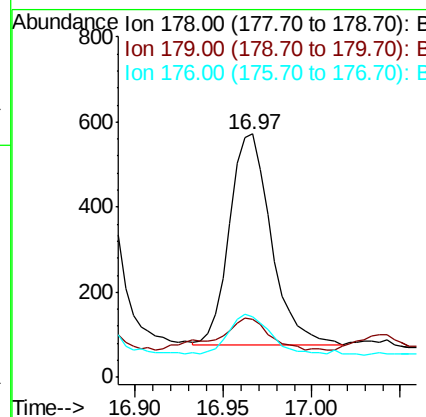
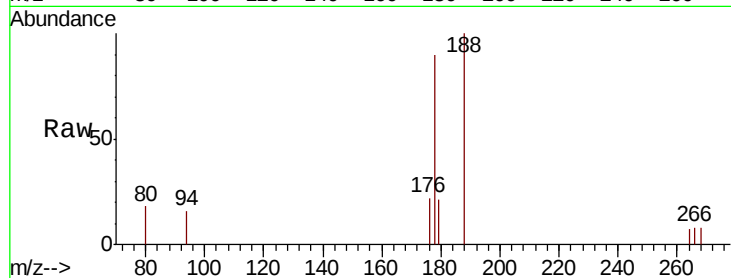
#13
 Anthracene
 Concen: 0.075 ng/ul
 RT: 16.97 min Scan# 3099
 Delta R.T. -0.00 min
 Lab File: BN012829.D
 Acq: 02 Dec 2020 21:21

Instrument :
 BNA_N
 ClientSampleId :
 C0B42DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	24.0	14.8	22.2#
176	25.0	16.3	24.5#

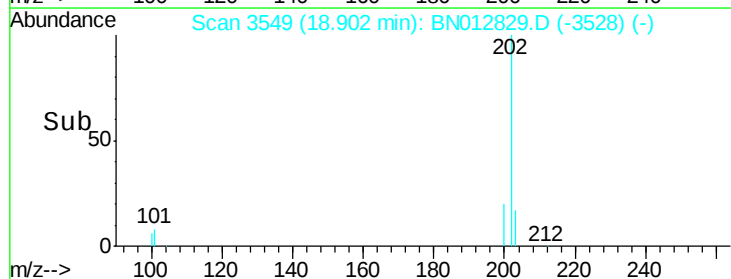
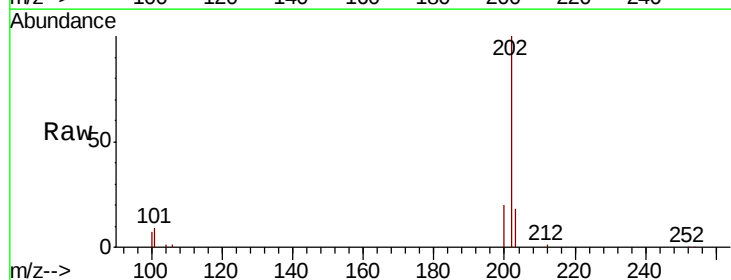
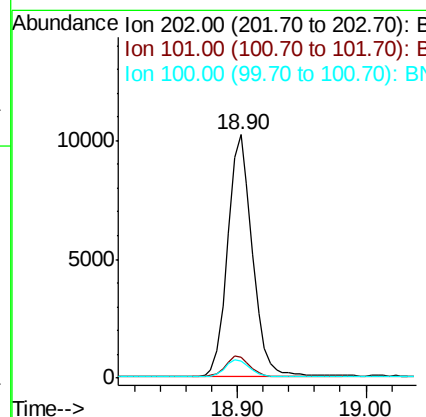
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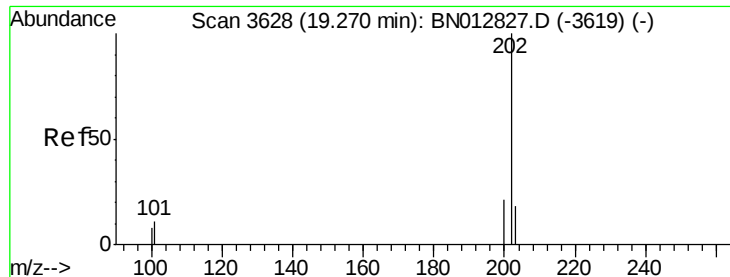
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#15
 Fluoranthene
 Concen: 0.950 ng/ul
 RT: 18.90 min Scan# 3549
 Delta R.T. -0.00 min
 Lab File: BN012829.D
 Acq: 02 Dec 2020 21:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.5
100	6.9	0.0	28.4





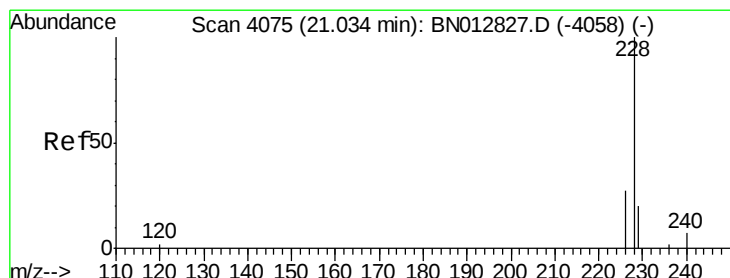
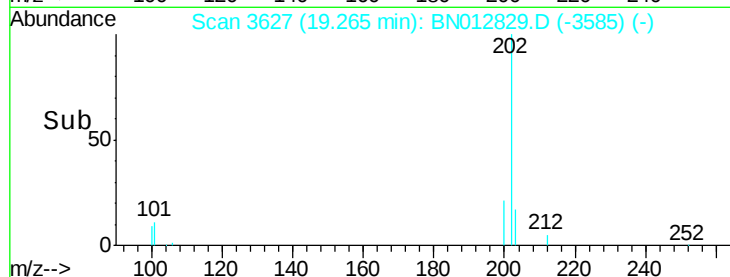
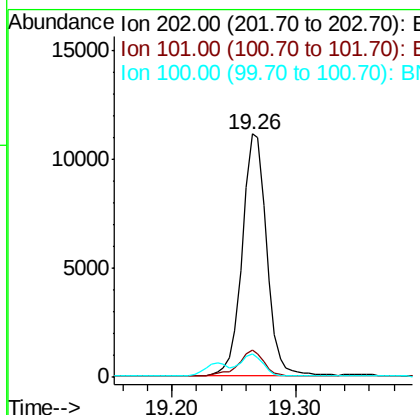
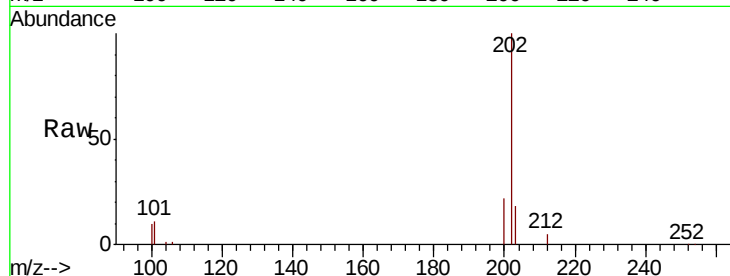
#17
Pvrene
Concen: 1.137 ng/ul
RT: 19.26 min Scan# 3627
Delta R.T. -0.00 min
Lab File: BN012829.D
Acq: 02 Dec 2020 21:21

Instrument :
BNA_N
ClientSampleId :
C0B42DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	15418		
101	11.0		8.9	13.3
100	9.5		7.4	11.2

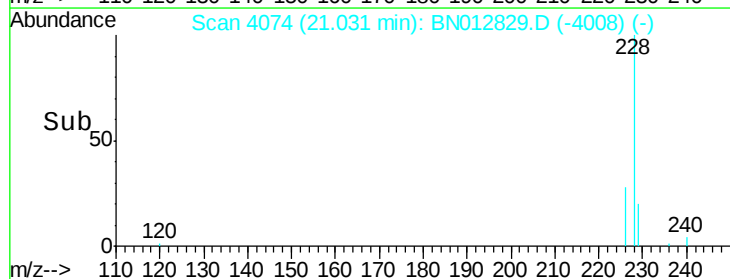
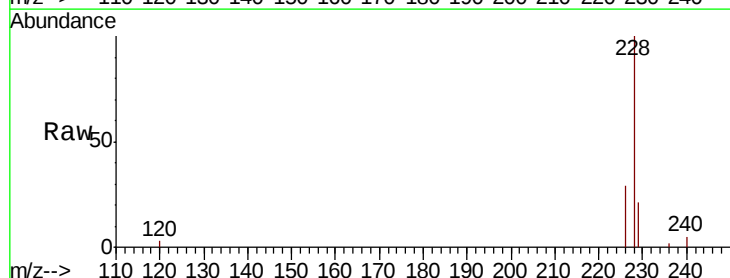
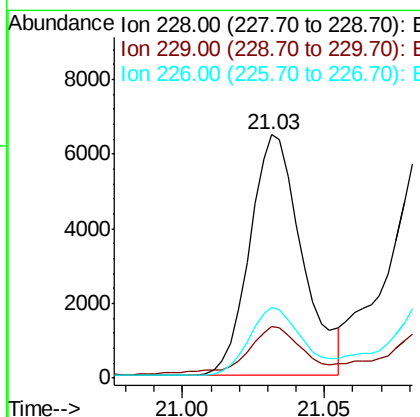
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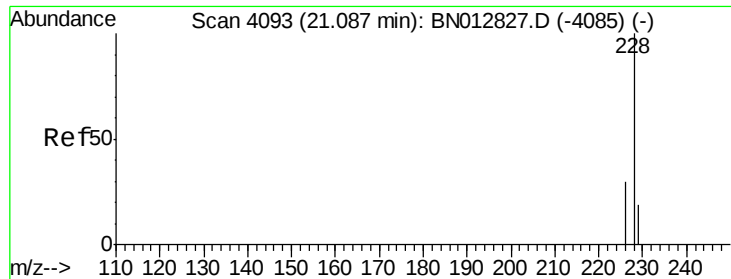
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#18
Benzo(a)anthracene
Concen: 0.762 ng/ul
RT: 21.03 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN012829.D
Acq: 02 Dec 2020 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	8275		
229	21.2		16.9	25.3
226	28.9		23.1	34.7





#19

Chrysene

Concen: 0.685 ng/ul

RT: 21.08 min Scan# 4092

Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Instrument :

BNA_N

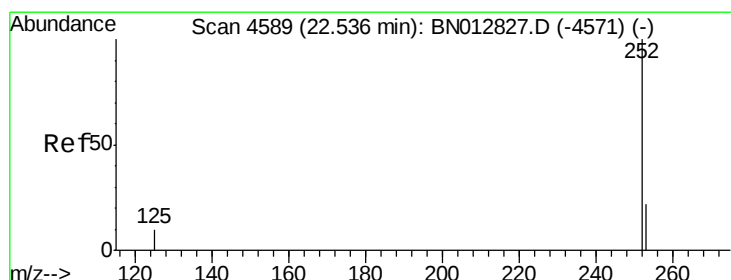
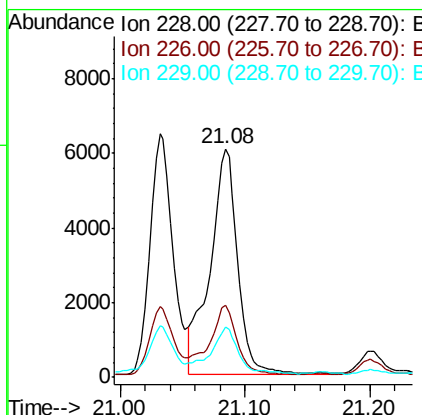
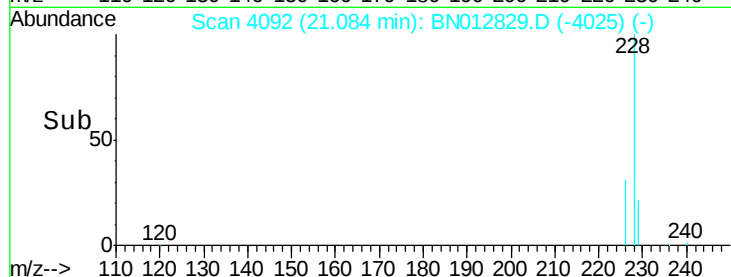
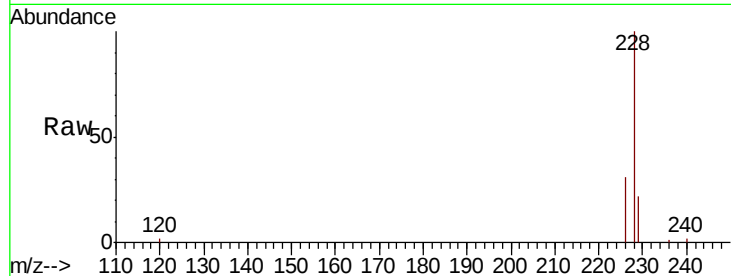
ClientSampleId :

C0B42DL

Tot Ion:	228	Resp:	9299
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.4	36.6
229	21.8	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 1.024 ng/ul m

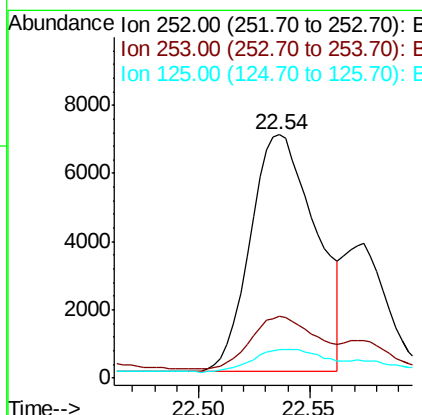
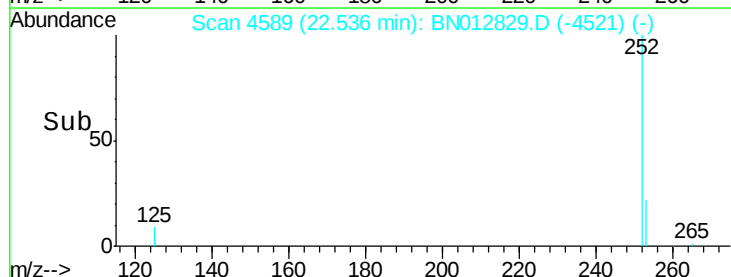
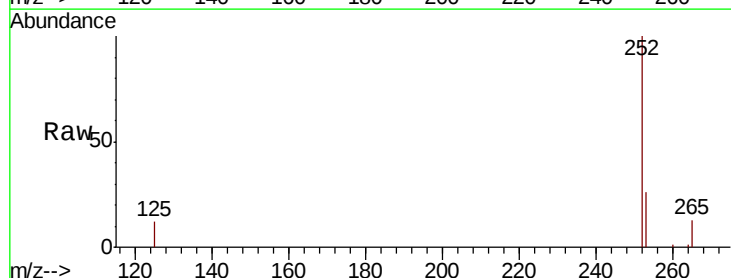
RT: 22.54 min Scan# 4589

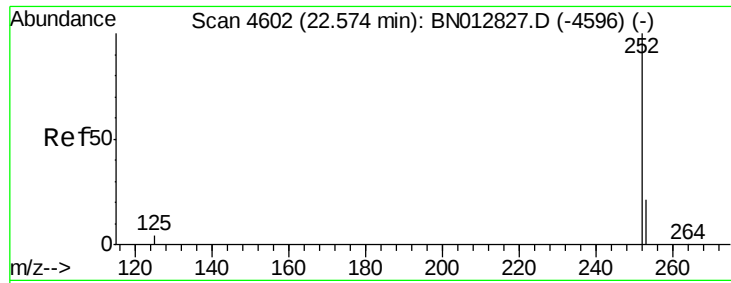
Delta R.T. -0.00 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Tgt Ion:	252	Resp:	14347
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	58.4
125	11.5	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.313 ng/ul m

RT: 22.57 min Scan# 4602

Delta R.T. -0.01 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Instrument :

BNA_N

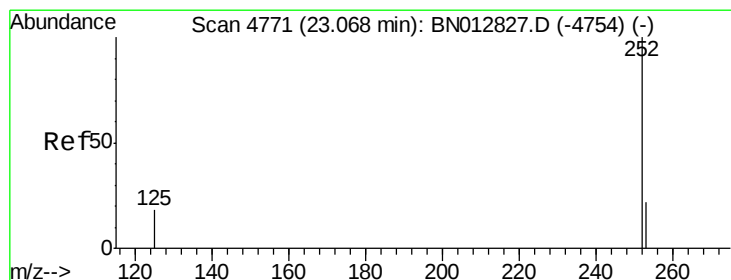
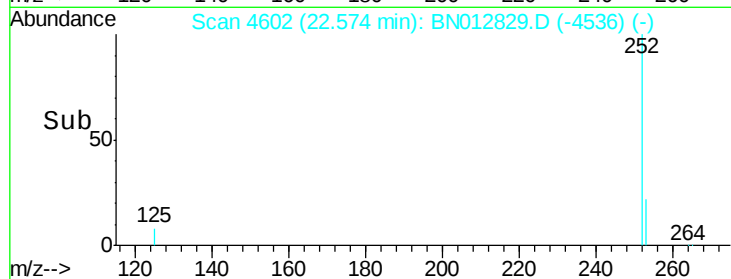
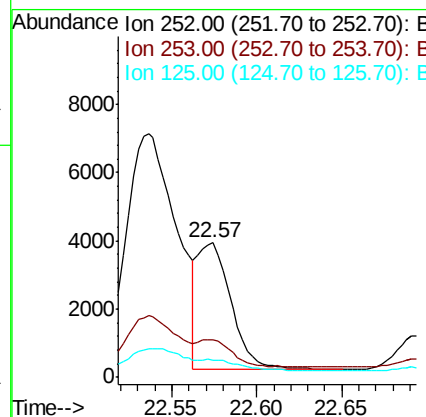
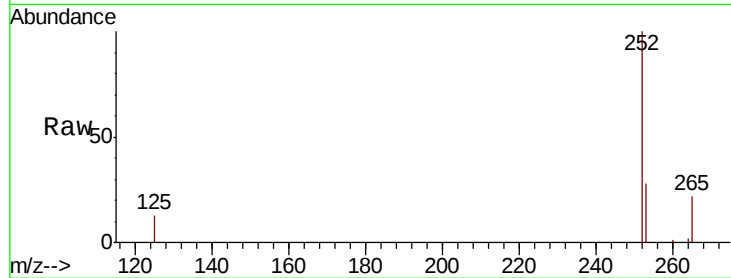
ClientSampleId :

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Tot Ion:	252	Resp:	5062
Ion Ratio	Lower	Upper	
252	100		
253	28.3	23.4	35.2
125	12.9	10.2	15.2

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#23

Benzo(a)pyrene

Concen: 0.796 ng/ul

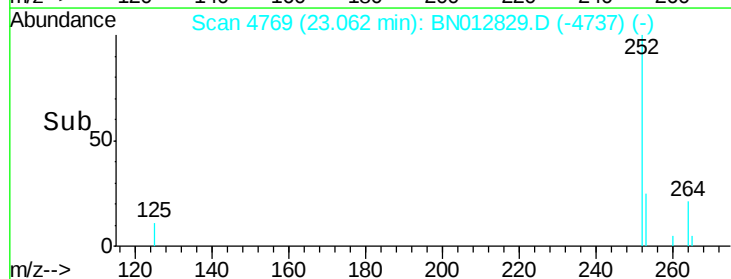
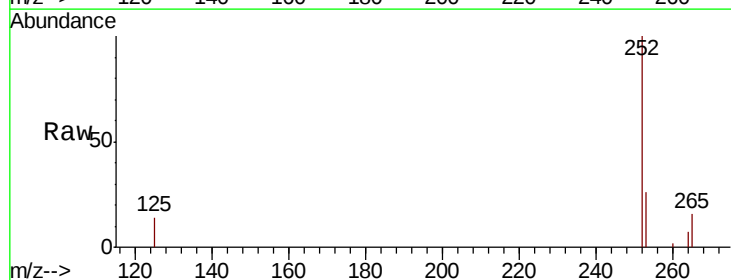
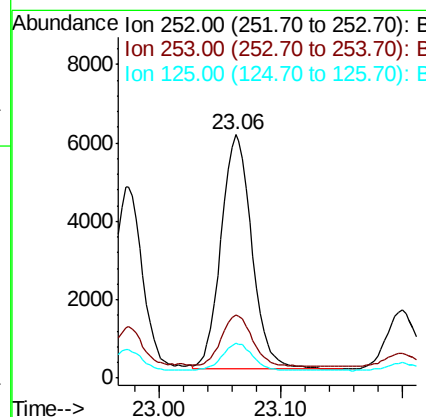
RT: 23.06 min Scan# 4769

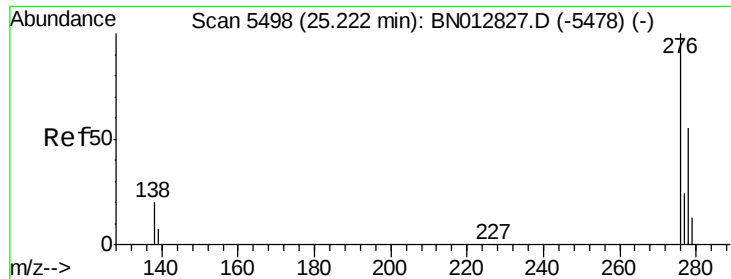
Delta R.T. -0.01 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Tgt Ion:	252	Resp:	10494
Ion Ratio	Lower	Upper	
252	100		
253	26.1	27.6	41.4#
125	14.2	17.0	25.4#





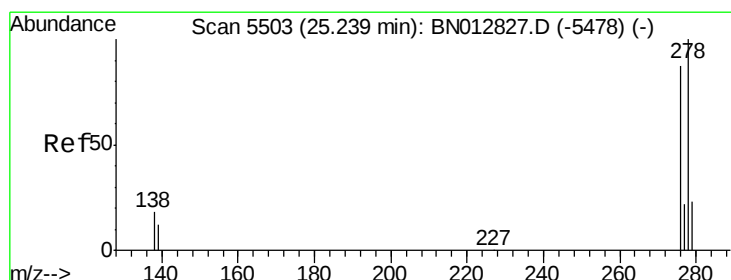
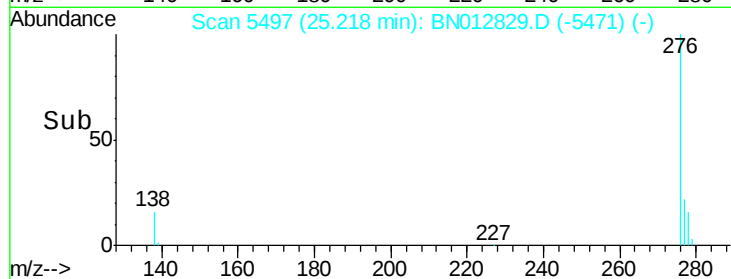
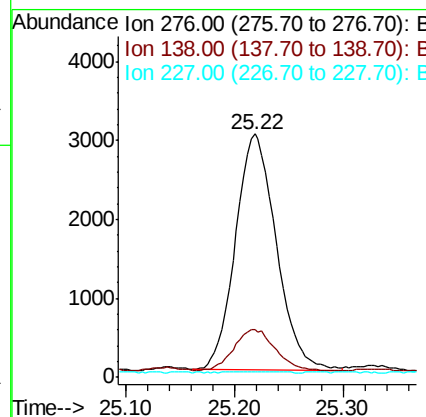
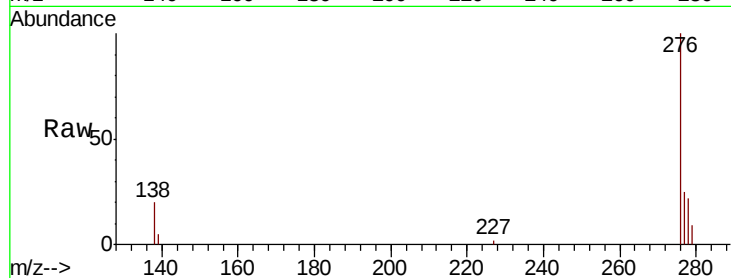
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 25.22 min Scan# 5497
Delta R.T. -0.01 min
Lab File: BN012829.D
Acq: 02 Dec 2020 21:21

Instrument :
BNA_N
ClientSampleId :
C0B42DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.5	24.7
227	0.2	0.1	0.1#

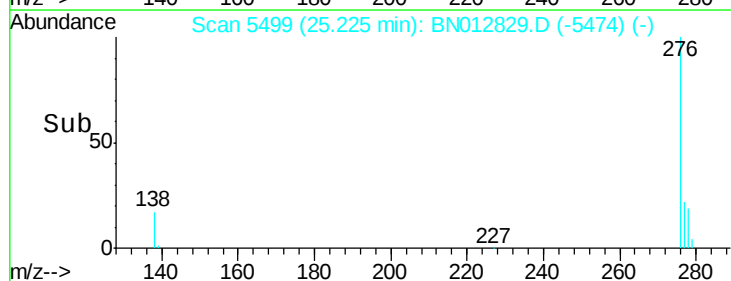
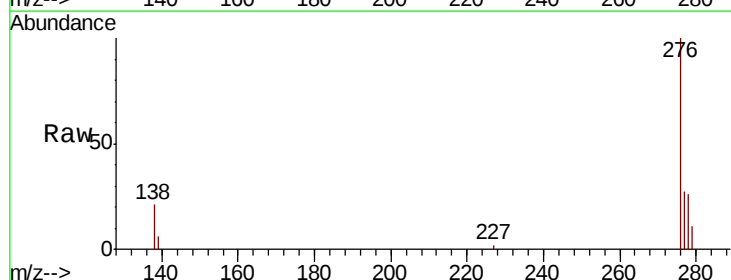
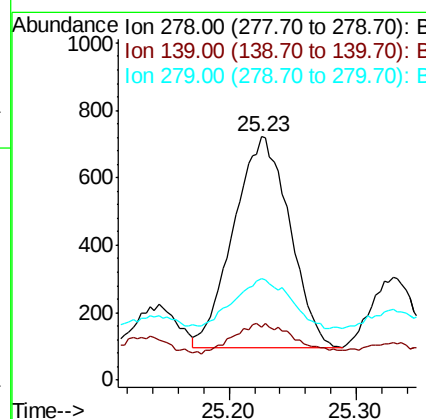
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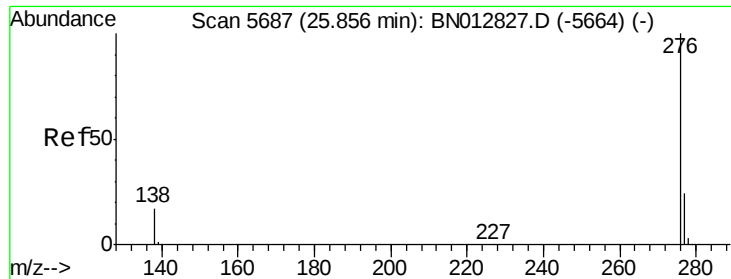
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#25
Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 25.23 min Scan# 5499
Delta R.T. -0.02 min
Lab File: BN012829.D
Acq: 02 Dec 2020 21:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	13.8	20.8#
279	41.8	25.6	38.4#





#26

Benzo(a,h,i)perylene

Concen: 0.494 ng/ul

RT: 25.85 min Scan# 5685

Delta R.T. -0.01 min

Lab File: BN012829.D

Acq: 02 Dec 2020 21:21

Instrument :

BNA_N

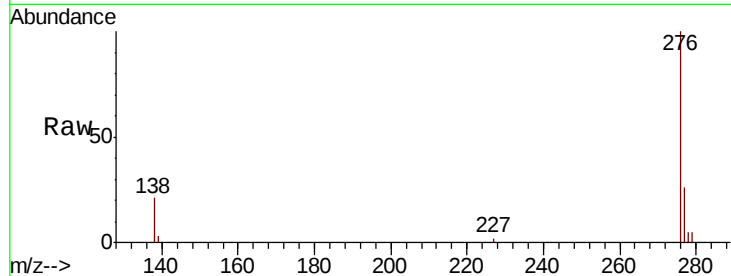
ClientSampleId :

C0B42DL

Tot Ion:	276	Resp:	7661
Ion Ratio	Lower	Upper	
276	100		
138	21.0	16.3	24.5
277	26.0	21.8	32.8

Manual Integrations
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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

