

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046272.D
 Acq On : 14 Aug 2020 11:09
 Operator : CG/JU
 Sample : L3629-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM53

Manual Integrations
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Quant Time: Aug 14 13:14:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 13:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	108669	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	427144	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	270768	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	589972	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	573759	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	610241	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	141243	19.20	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	515200	20.68	ng/ul	0.00
10) Fluorene-d10	15.56	176	389844	20.42	ng/ul	0.00
15) Anthracene-d10	17.41	188	551491	20.17	ng/ul	0.00
19) Pyrene-d10	19.70	212	619782	20.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	664914	19.97	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.30	152	26393	1.042	ng/ul	98
14) Phenanthrene	17.36	178	269829	8.314	ng/ul	99
16) Anthracene	17.45	178	34615	1.057	ng/ul	98
17) Fluoranthene	19.37	202	575617	15.905	ng/ul	100
20) Pyrene	19.73	202	541659	14.382	ng/ul	99
21) Benzo(a)anthracene	21.55	228	287114	7.691	ng/ul	97
22) Chrysene	21.61	228	318894	8.837	ng/ul	97
24) Benzo(b)fluoranthene	23.70	252	457610	11.340	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	147312m	3.680	ng/ul	
27) Benzo(a)pyrene	24.53	252	288634	7.791	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.18	276	220424	4.752	ng/ul	100
29) Dibenzo(a,h)anthracene	28.23	278	58696	1.561	ng/ul#	91
30) Benzo(a,h,i)perylene	29.28	276	200090	5.154	ng/ul	99

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

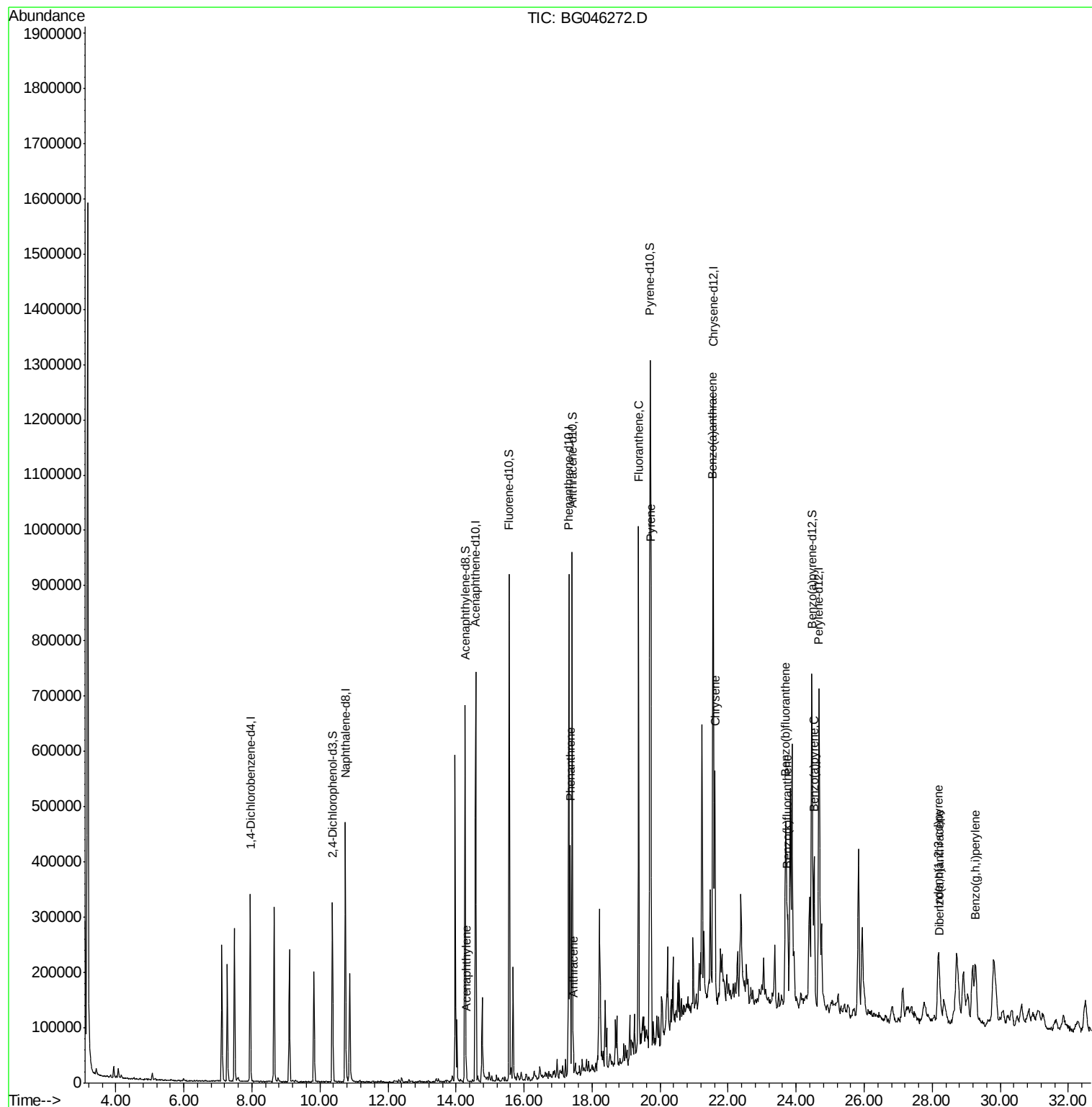
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

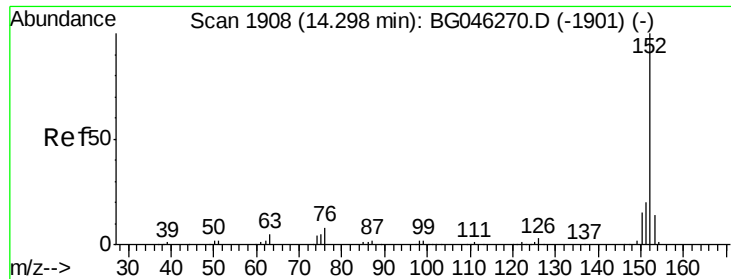
Instrument :
BNA_G
ClientSampleId :
BFM53

Quant Time: Aug 14 13:14:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
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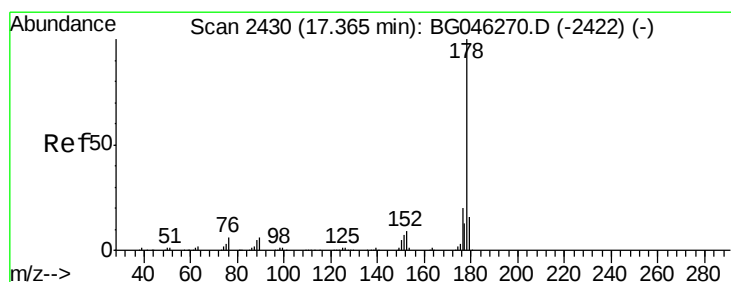
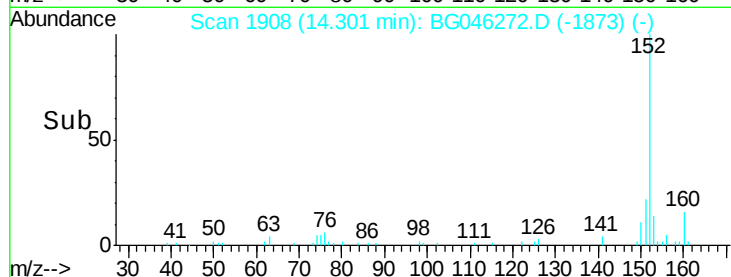
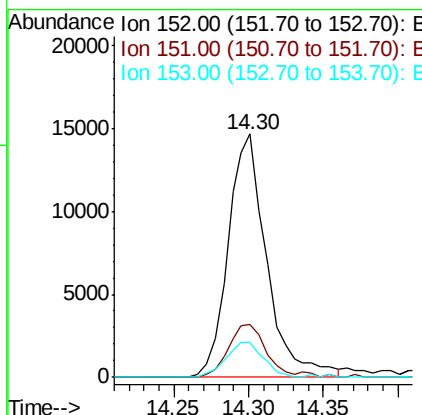
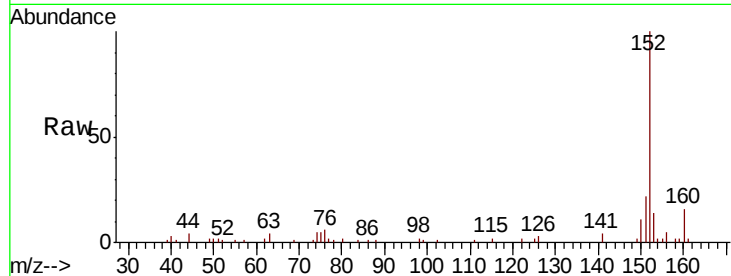
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Acenaphthylene
Concen: 1.042 ng/ul
RT: 14.30 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BG046272.D
Acq: 14 Aug 2020 11:09

Instrument :
BNA_G
ClientSampleId :
BFM53

Tot Ion:	152	Resp:	26393
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.5	24.7
153	14.1	11.0	16.6

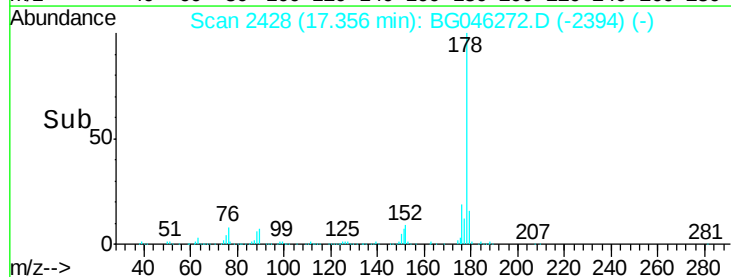
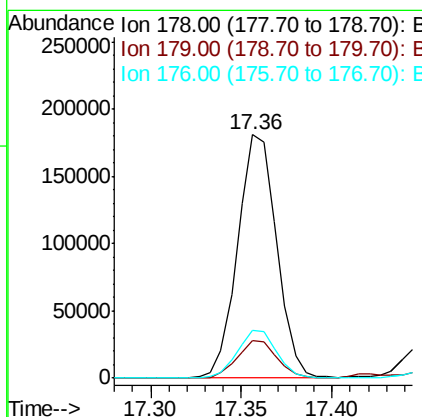
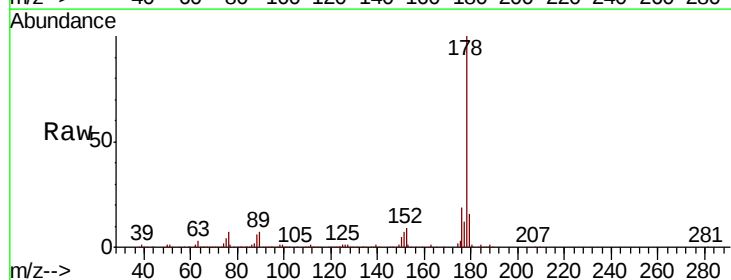
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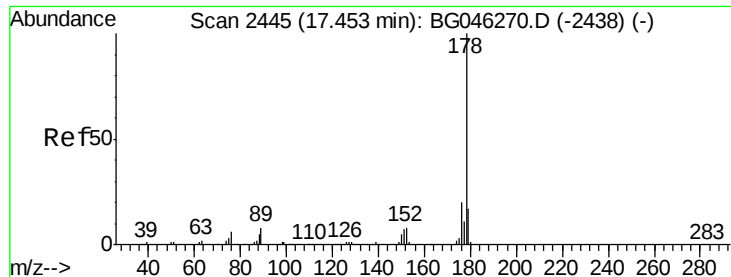
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#14
Phenanthrene
Concen: 8.314 ng/ul
RT: 17.36 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046272.D
Acq: 14 Aug 2020 11:09

Tgt Ion:	178	Resp:	269829
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	19.4	15.8	23.8





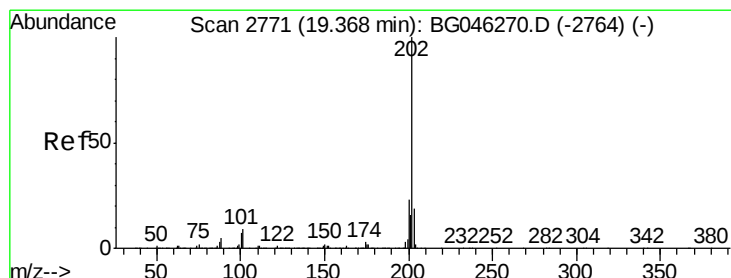
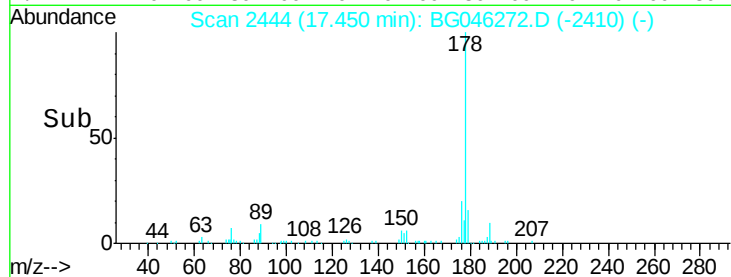
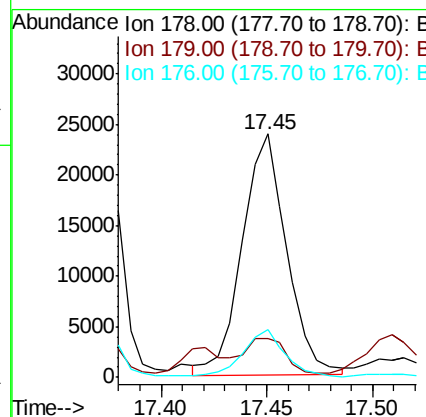
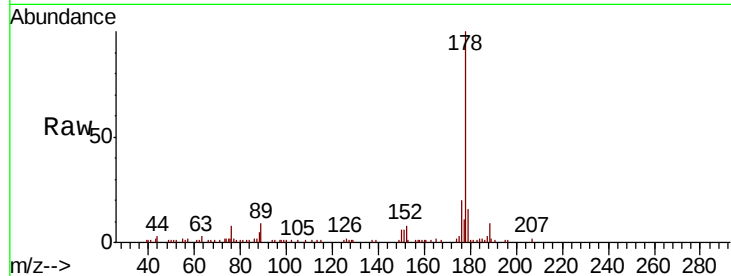
#16
 Anthracene
 Concen: 1.057 ng/ul
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG046272.D
 Acq: 14 Aug 2020 11:09

Instrument :
 BNA_G
 ClientSampleId :
 BFM53

Tot Ion:178	Resp:	34615
Ion Ratio	Lower	Upper
178	100	
179	15.9	13.2 19.8
176	19.8	15.2 22.8

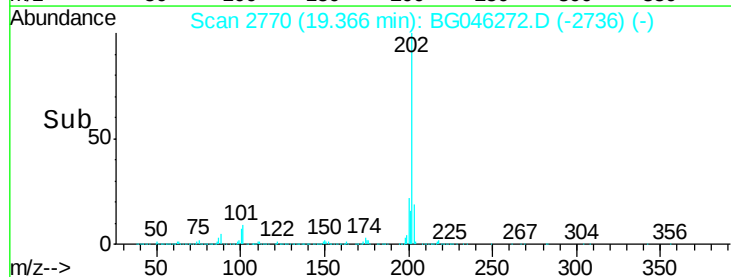
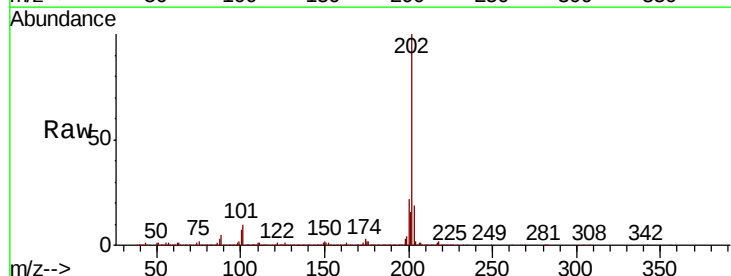
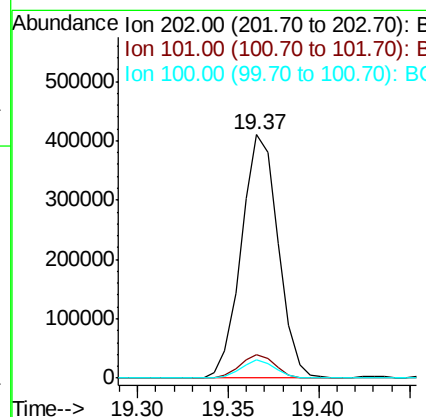
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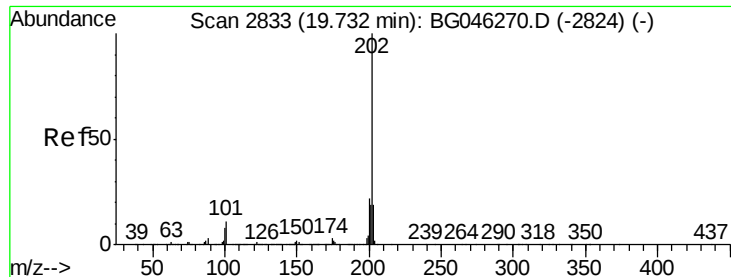
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#17
 Fluoranthene
 Concen: 15.905 ng/ul
 RT: 19.37 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046272.D
 Acq: 14 Aug 2020 11:09

Tgt Ion:202	Resp:	575617
Ion Ratio	Lower	Upper
202	100	
101	9.6	7.8 11.6
100	7.3	5.9 8.9





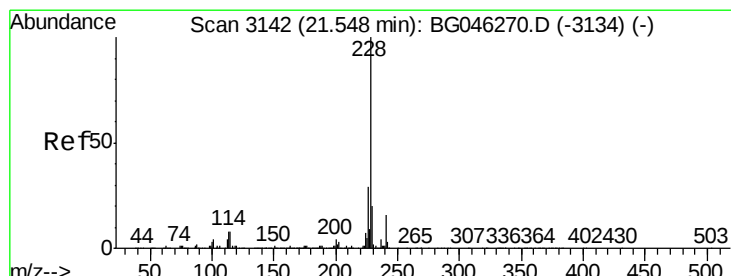
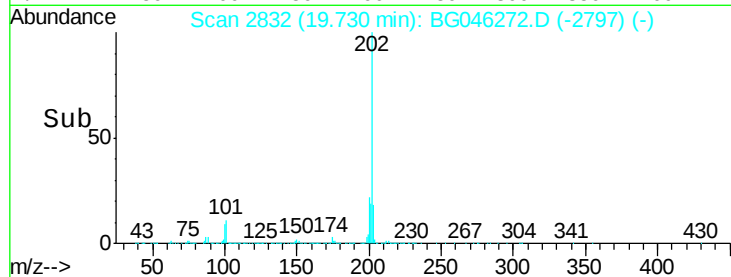
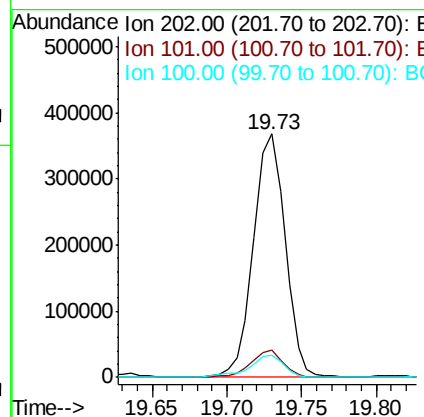
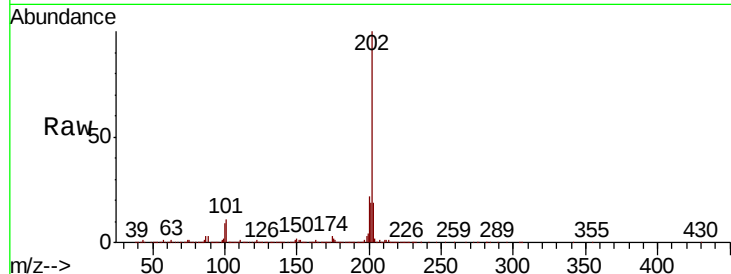
#20
Pvrene
Concen: 14.382 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046272.D
Acq: 14 Aug 2020 11:09

Instrument :
BNA_G
ClientSampleId :
BFM53

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	9.0	7.9	11.9

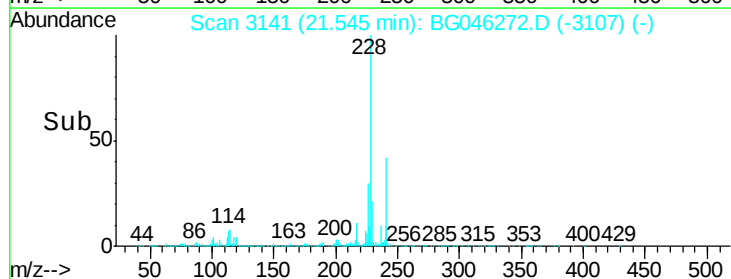
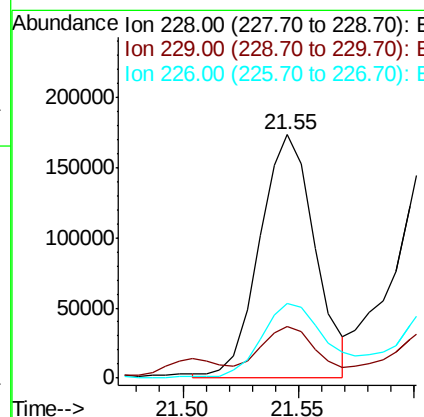
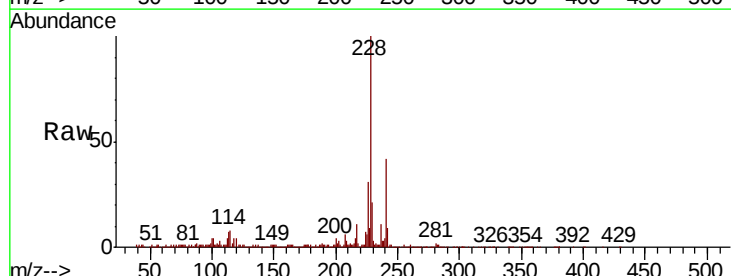
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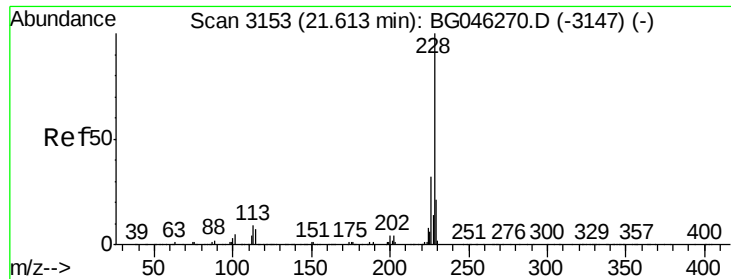
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#21
Benzo(a)anthracene
Concen: 7.691 ng/ul
RT: 21.55 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046272.D
Acq: 14 Aug 2020 11:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	30.6	22.6	33.8





#22

Chrysene

Concen: 8.837 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG046272.D

Acq: 14 Aug 2020 11:09

Instrument :

BNA_G

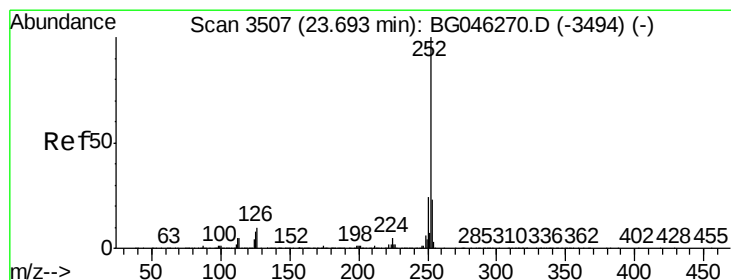
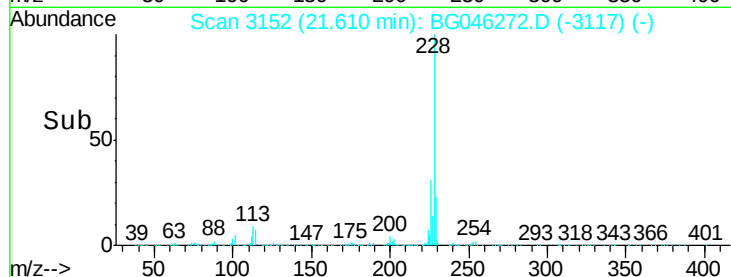
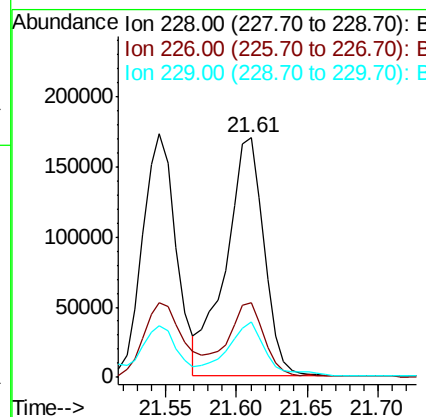
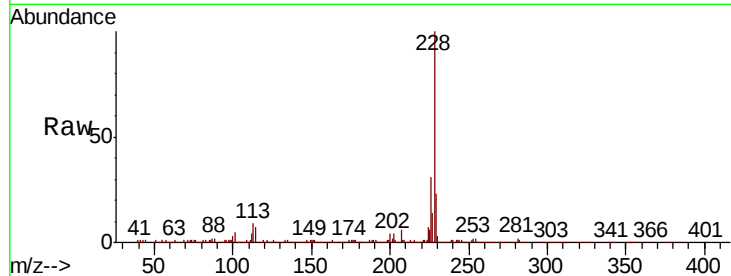
ClientSampled :

BFM53

Tot Ion:	228	Resp:	318894
Ion Ratio		Lower	Upper
228	100		
226	31.0	25.5	38.3
229	23.1	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 11.340 ng/ul

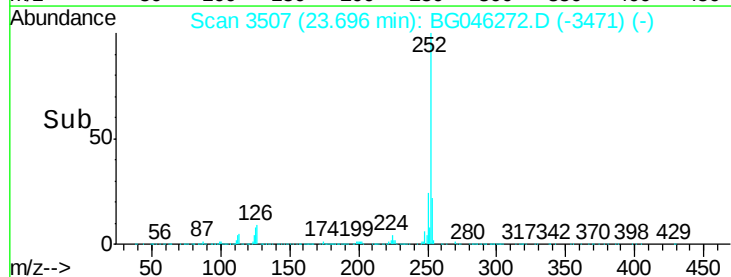
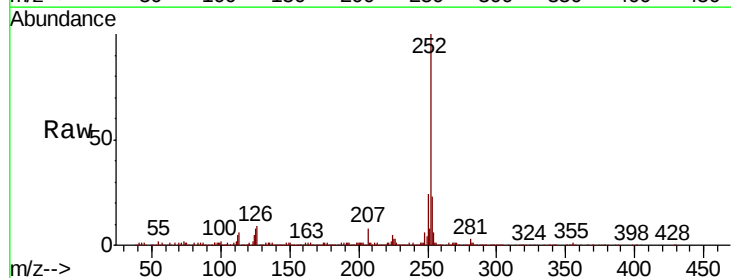
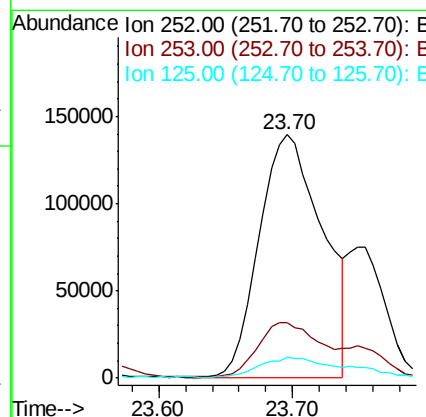
RT: 23.70 min Scan# 3507

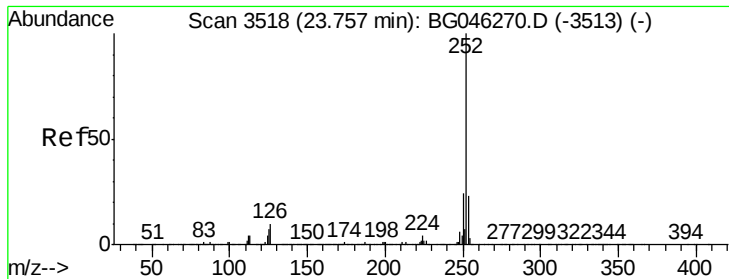
Delta R.T. 0.01 min

Lab File: BG046272.D

Acq: 14 Aug 2020 11:09

Tgt Ion:	252	Resp:	457610
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.4	6.4	9.6





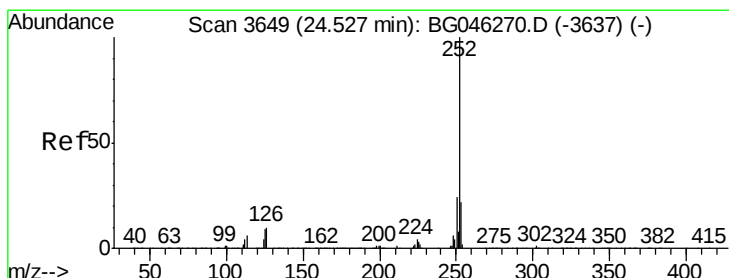
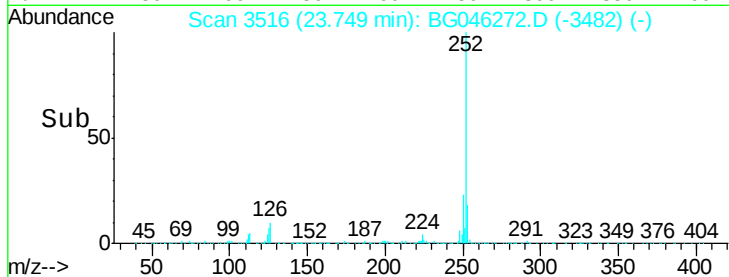
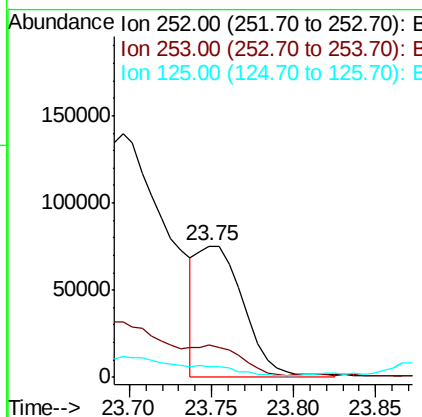
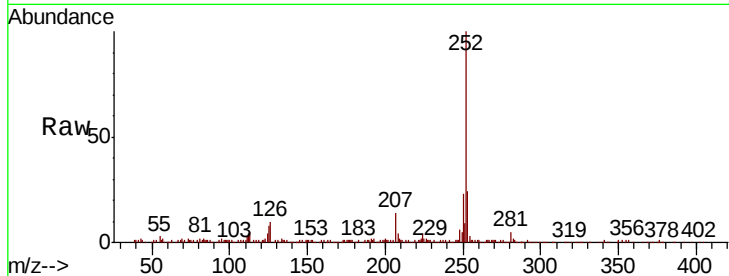
#25
Benzo(k)fluoranthene
Concen: 3.680 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046272.D
Acq: 14 Aug 2020 11:09

Instrument :
BNA_G
ClientSampled :
BFM53

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	7.8	6.2	9.2

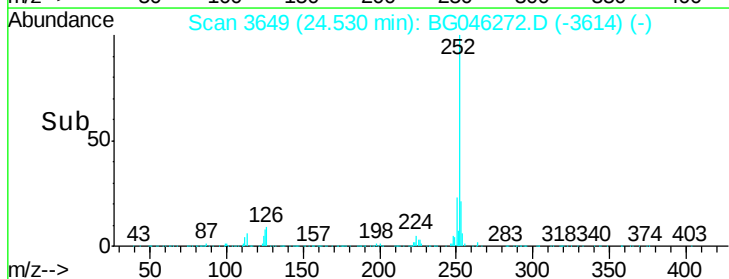
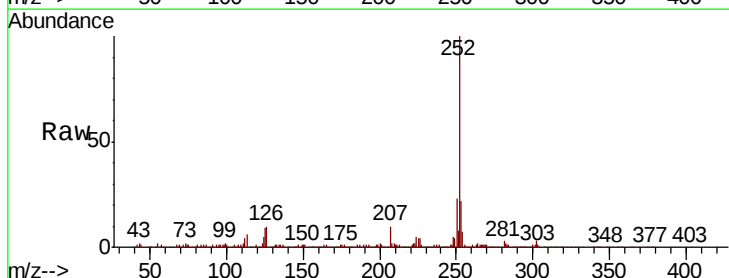
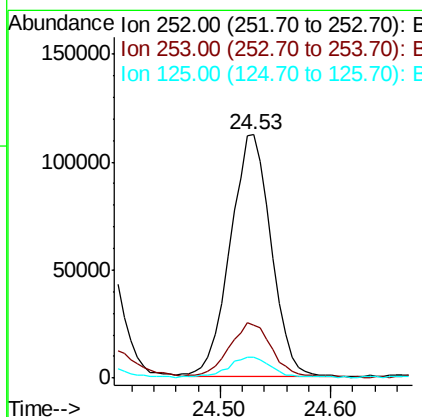
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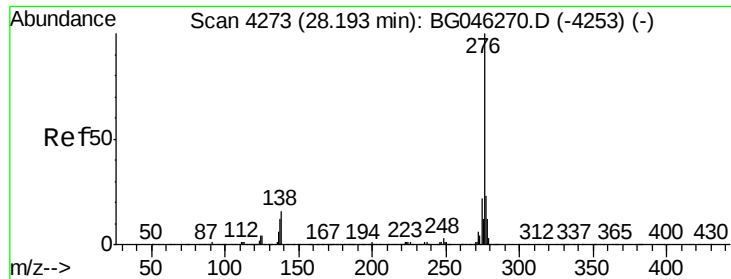
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#27
Benzo(a)pyrene
Concen: 7.791 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BG046272.D
Acq: 14 Aug 2020 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.6	7.1	10.7





#28

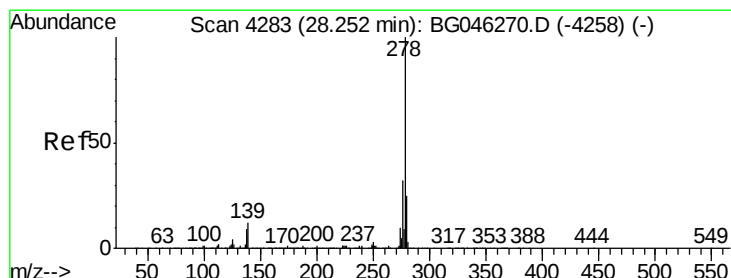
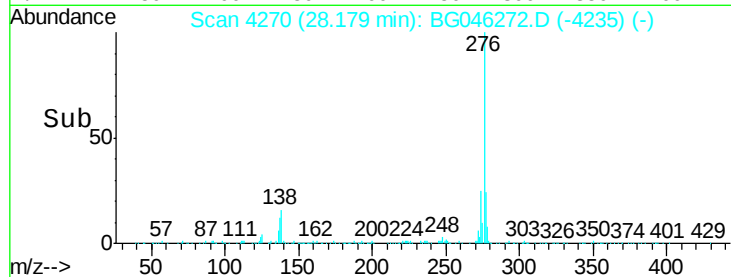
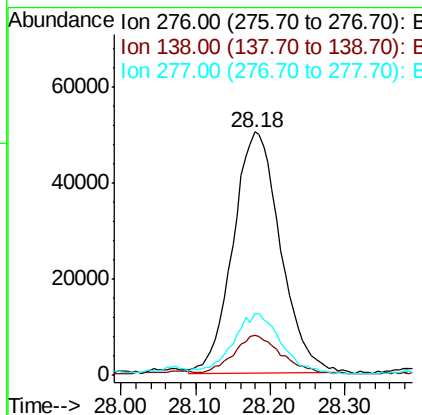
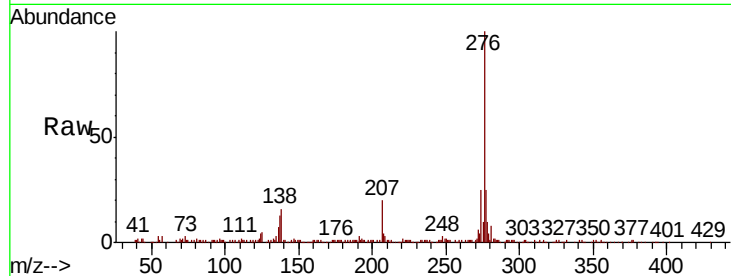
Indeno(1,2,3-cd)pyrene
Concen: 4.752 ng/ul
RT: 28.18 min Scan# 4270
Delta R.T. 0.01 min
Lab File: BG046272.D
Acq: 14 Aug 2020 11:09

Instrument :
BNA_G
ClientSampleId :
BFM53

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.2	19.8
277	25.2	19.9	29.9

Manual Integrations
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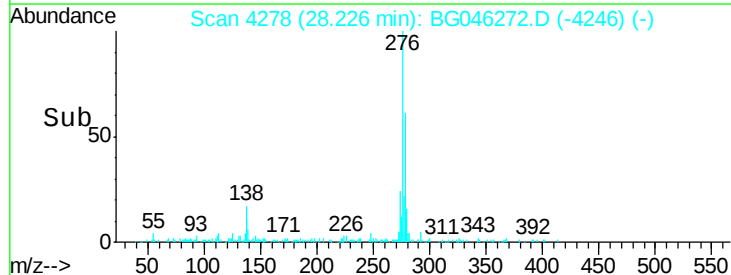
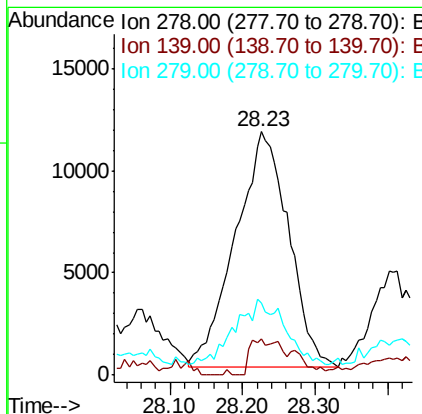
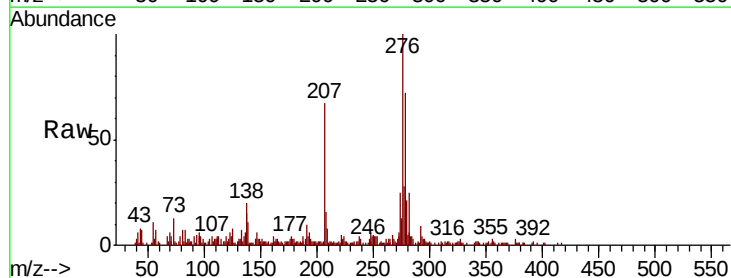
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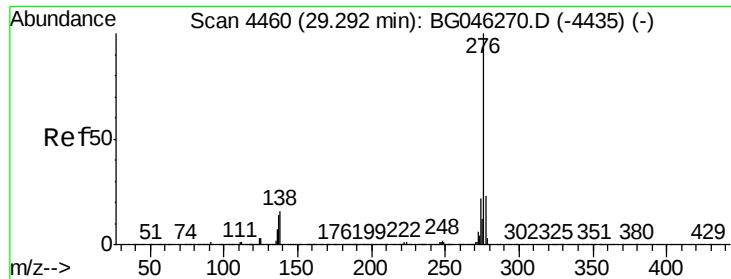


#29

Dibenzo(a,h)anthracene
Concen: 1.561 ng/ul
RT: 28.23 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046272.D
Acq: 14 Aug 2020 11:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	9.8	14.8#
279	29.4	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 5.154 ng/ul

RT: 29.28 min Scan# 4457

Delta R.T. 0.01 min

Lab File: BG046272.D

Acq: 14 Aug 2020 11:09

Instrument :

BNA_G

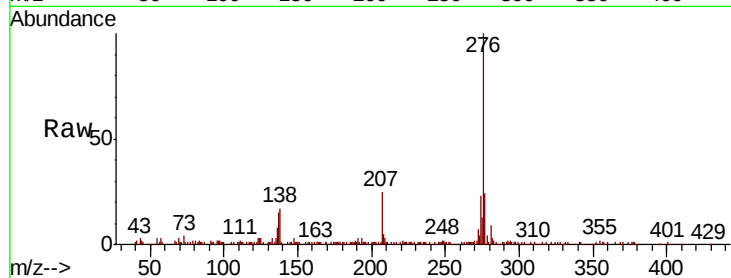
ClientSampleId :

BFM53

Tot Ion:	276	Resp:	200090
Ion Ratio		Lower	Upper
276	100		
138	16.7	12.9	19.3
277	24.2	19.4	29.0

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

