Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026971.D
Acq On : 31 Jul 2020 22:57
Operator : JU/CG
Sample : L3424-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S91

Manual Integrations APPROVED
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Quant Time: Aug 01 01:59:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	125191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	490554	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	298164	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	606321	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	609916	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	604556	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	2521	0.92	ng/uL	0.00
5) Phenol-d5	6.84	99	64305	5.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	44377	5.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	49889	6.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	50844	6.02	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	24537	6.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	25038	7.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	49567	5.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	40841	4.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	148585	6.35	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	186516	6.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	13727	3.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	125253	6.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	10922	4.04	ng/ul	0.00
71) Anthracene-d10	17.14	188	187013	6.17	ng/ul	0.00
79) Pyrene-d10	19.43	212	191964	5.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	197974	5.80	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.48	128	107092	3.908	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	54039	2.789	ng/ul	98
45) Dimethylphthalate	13.75	163	24804	1.011	ng/ul#	95
48) Acenaphthylene	14.01	152	670833	22.192	ng/ul	99
50) Acenaphthene	14.35	153	29039	1.394	ng/ul	93
54) Dibenzofuran	14.69	168	120612	4.178	ng/ul	97
59) Fluorene	15.34	166	44772	1.842	ng/ul#	96
70) Phenanthrene	17.08	178	952643	25.884	ng/ul	99
72) Anthracene	17.17	178	1051183	27.788	ng/ul	98
75) Carbazole	17.44	167	206975	6.189	ng/ul	99
77) Fluoranthene	19.11	202	4999699	115.052	ng/ul	98
80) Pyrene	19.47	202	4652981	104.857	ng/ul	98
83) Benzo(a)anthracene	21.21	228	2457187m	58.450	ng/ul	
85) Chrysene	21.27	228	3395399	82.823	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	6603240	152.685	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	1608455m	38.758	ng/ul	
91) Benzo(a)pyrene	23.35	252	1996915	51.171	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	2383307	49.229	ng/ul	95
93) Dibenzo(a,h)anthracene	25.67	278	647103	15.804	ng/ul#	94
94) Benzo(g,h,i)perylene	26.34	276	729327	18.219	ng/ul	99

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

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Sample : L3424-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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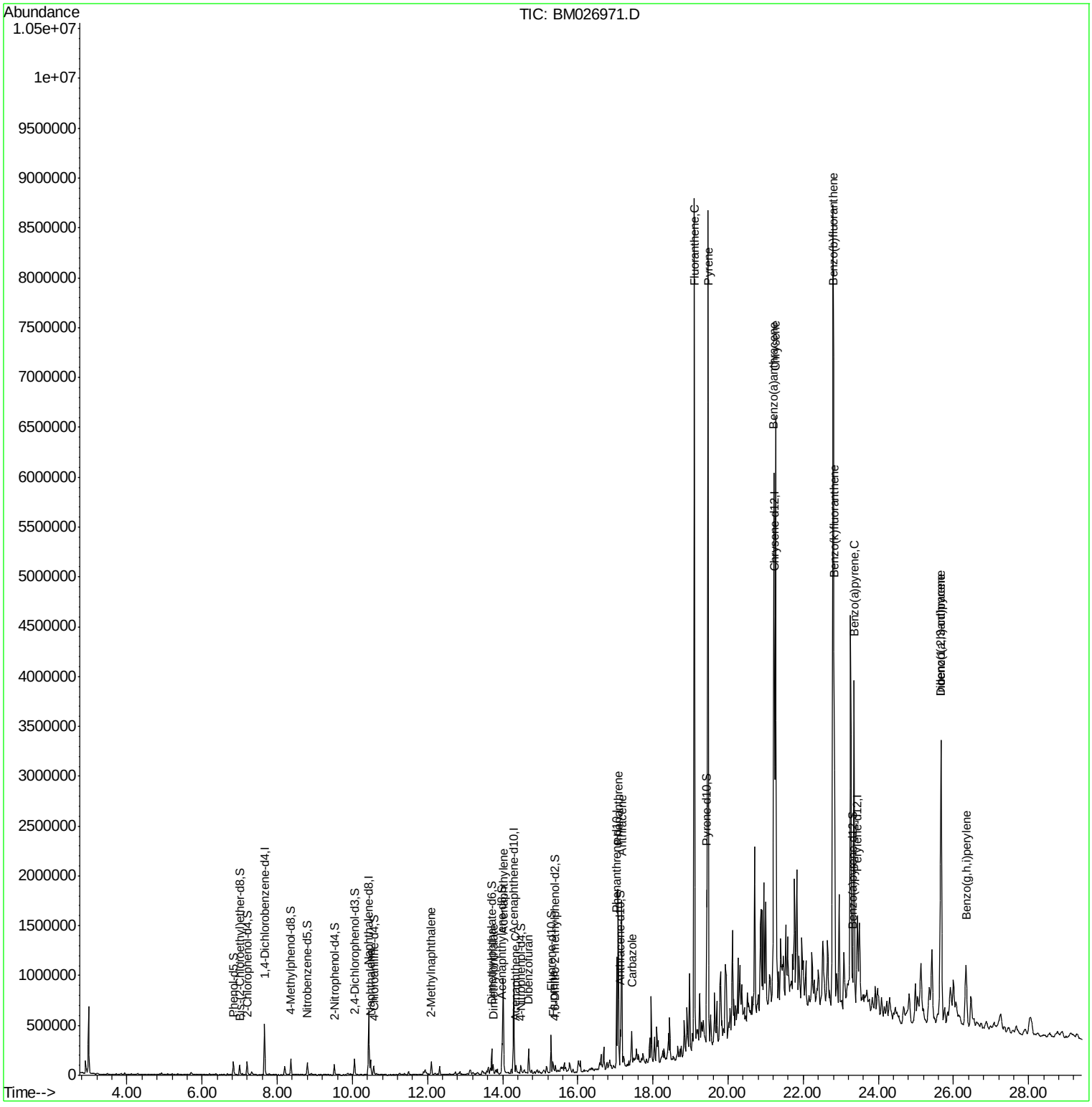
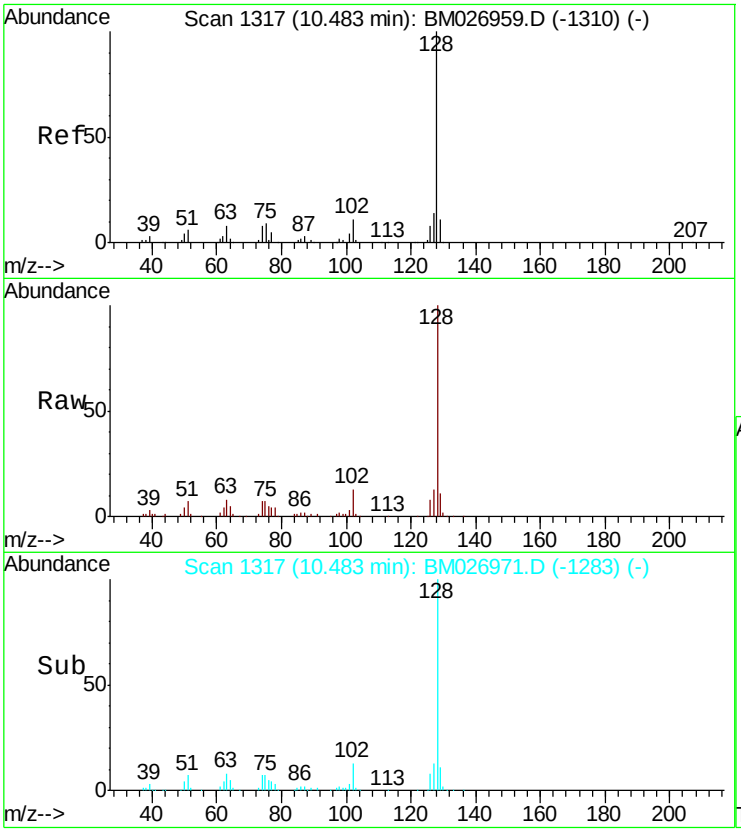
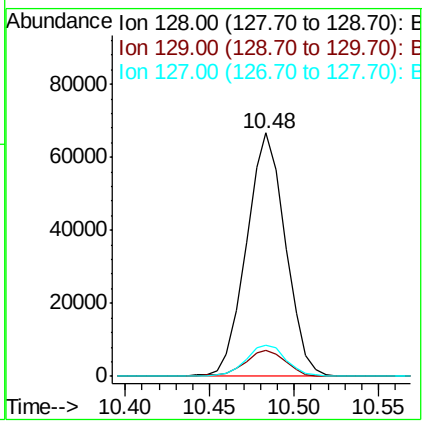




#28
Naphthalene
Concen: 3.908 ng/ul
RT: 10.48 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:128 Resp: 107092

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	12.6	11.0	16.6



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ClientSampleId :
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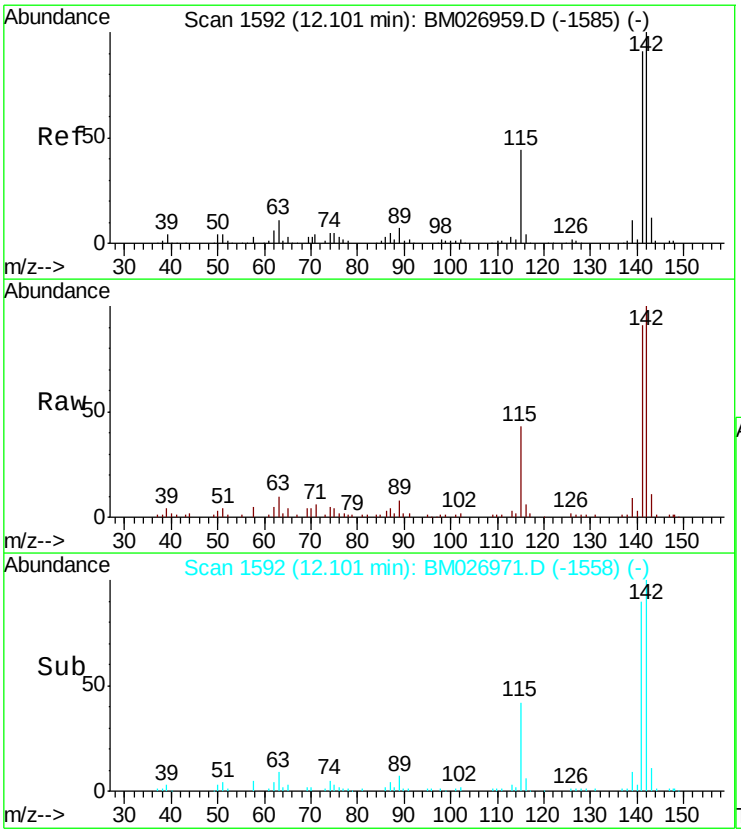
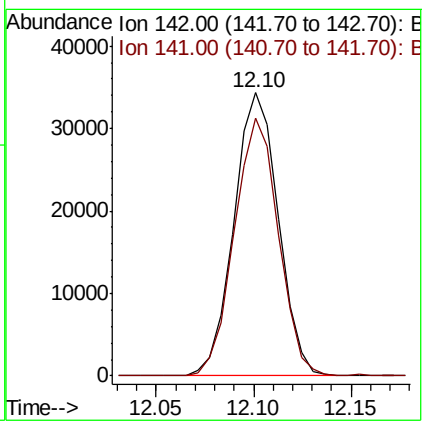
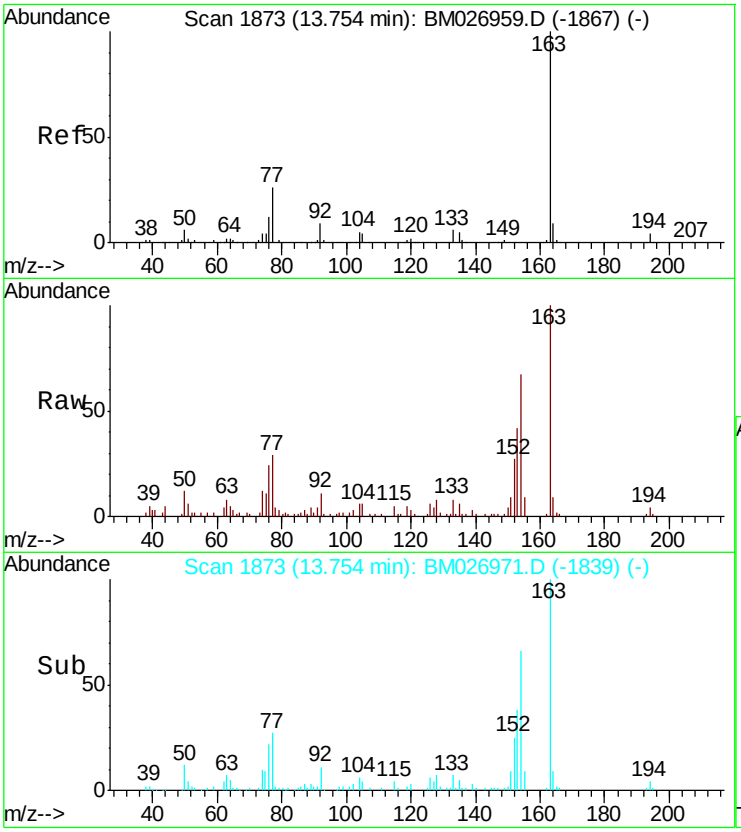


#34
2-Methylnaphthalene
Concen: 2.789 ng/ul
RT: 12.10 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:142 Resp: 54039

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.1	106.7





#45
Dimethylphthalate
Concen: 1.011 ng/ul
RT: 13.75 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:163 Resp: 24804

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	8.6	8.6	12.8#

Instrument :
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ClientSampleId :
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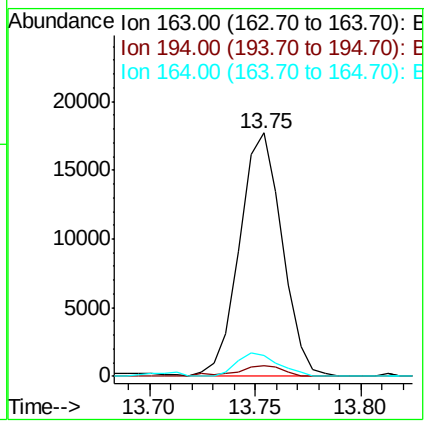
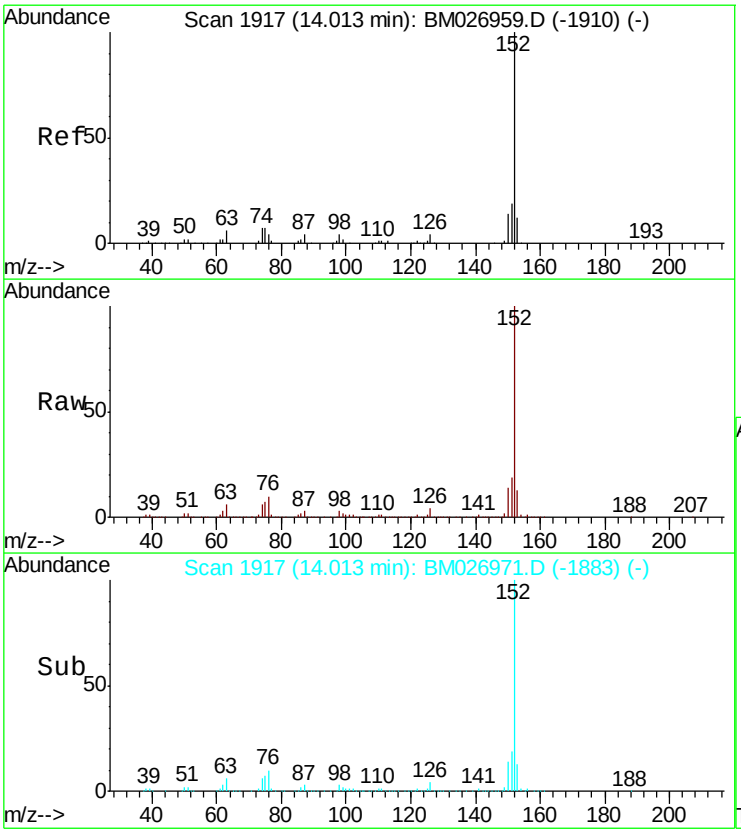
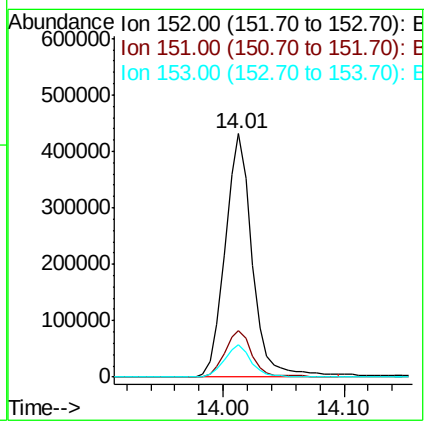


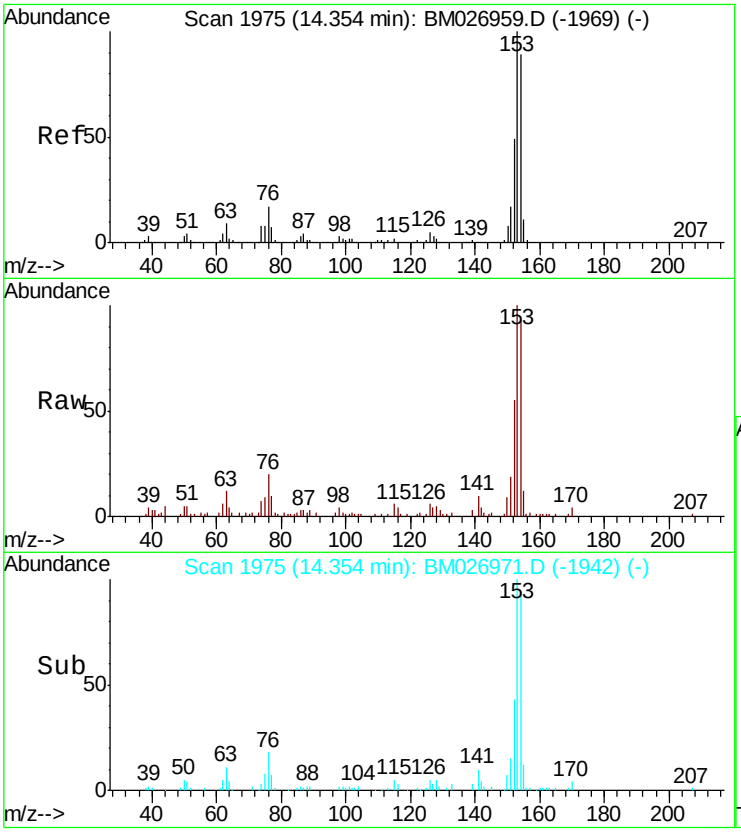


#48
Acenaphthylene
Concen: 22.192 ng/ul
RT: 14.01 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:152 Resp: 670833

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.6
153	13.3	10.7	16.1

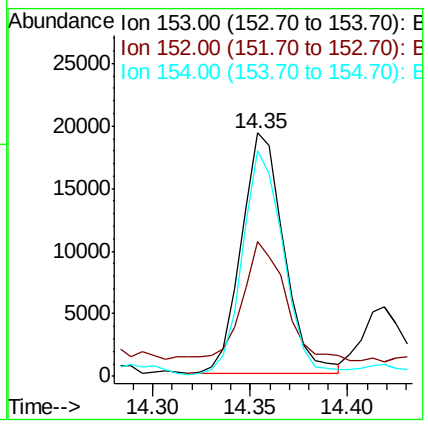




#50
Acenaphthene
Concen: 1.394 ng/ul
RT: 14.35 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:153 Resp: 29039

Ion	Ratio	Lower	Upper
153	100		
152	55.2	37.8	56.6
154	92.8	70.5	105.7



Instrument :
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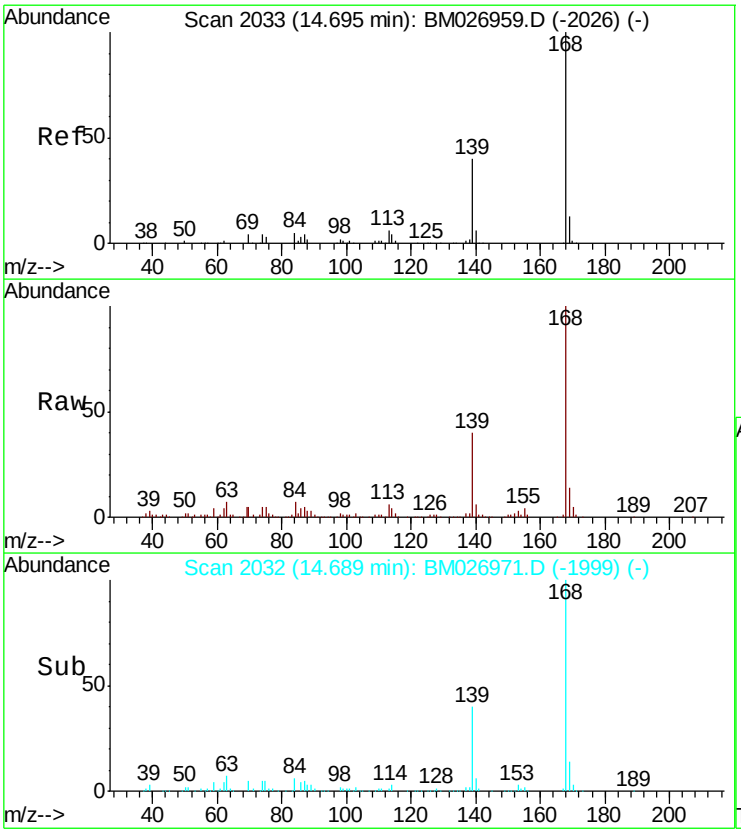
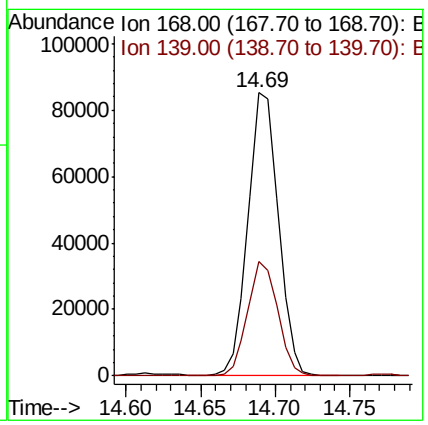
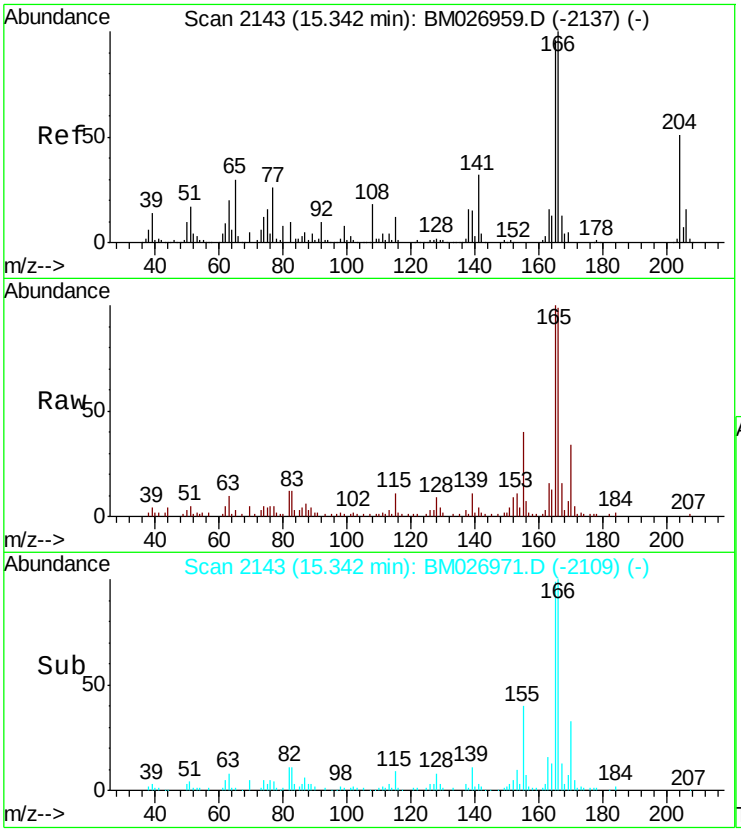


#54
Dibenzofuran
Concen: 4.178 ng/ul
RT: 14.69 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:168 Resp: 120612

Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.8	46.2

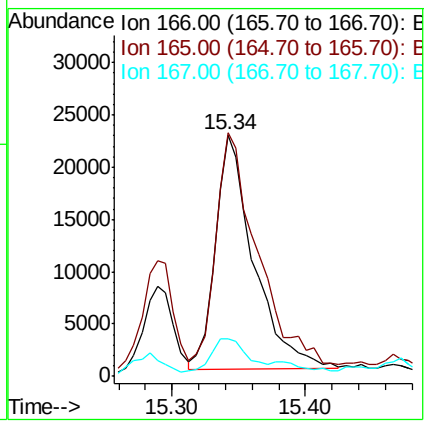




#59
Fluorene
Concen: 1.842 ng/ul
RT: 15.34 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:166 Resp: 44772

Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.2	117.2
167	15.8	10.3	15.5#



Instrument :
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ClientSampleId :
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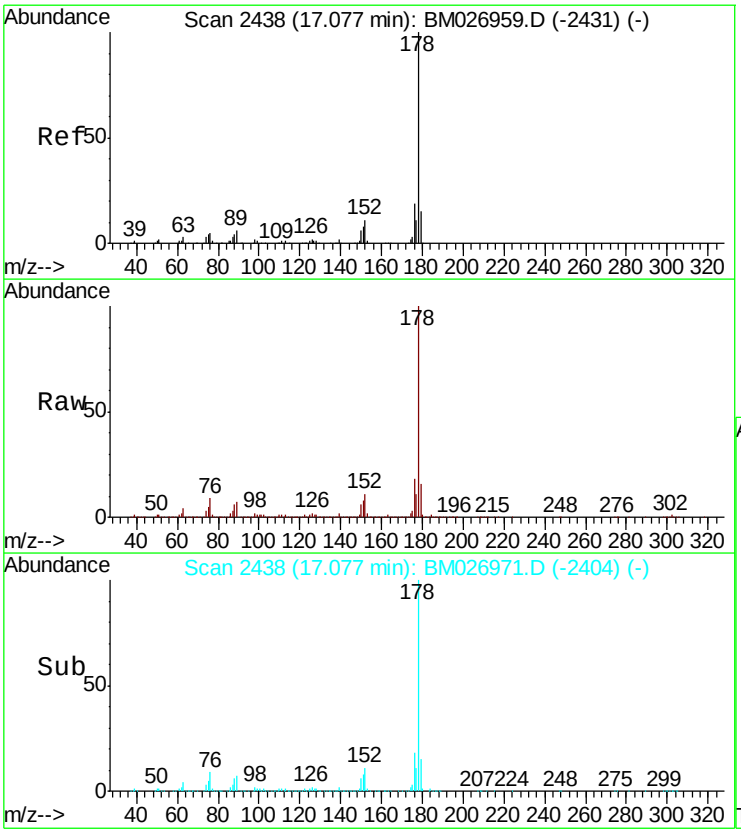
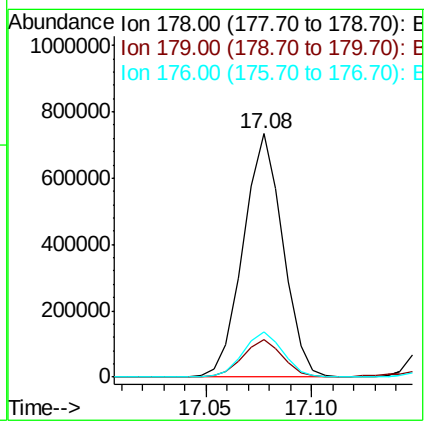
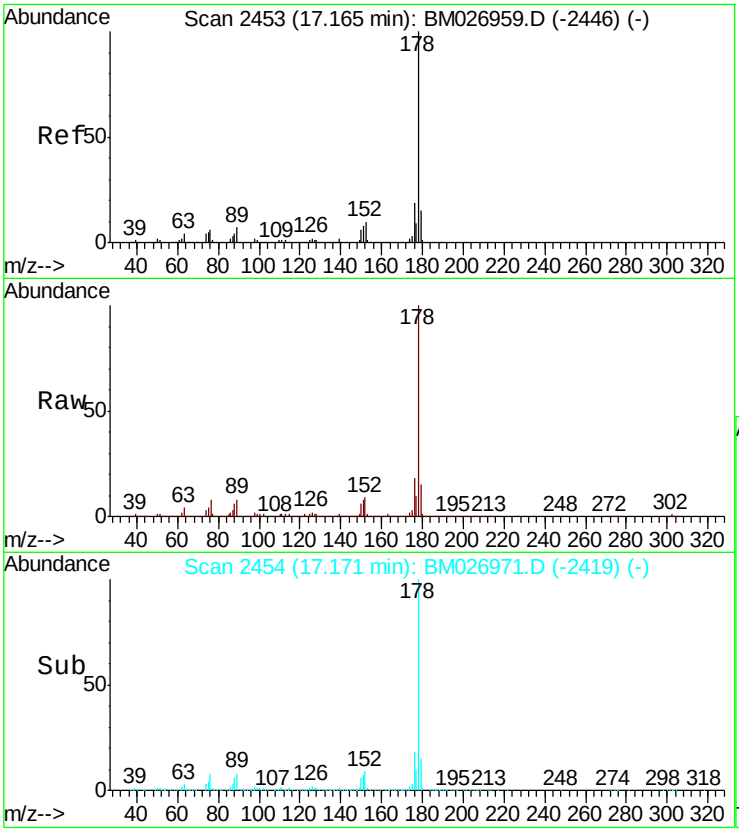


#70
Phenanthrene
Concen: 25.884 ng/ul
RT: 17.08 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:178 Resp: 952643

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	18.3	14.7	22.1

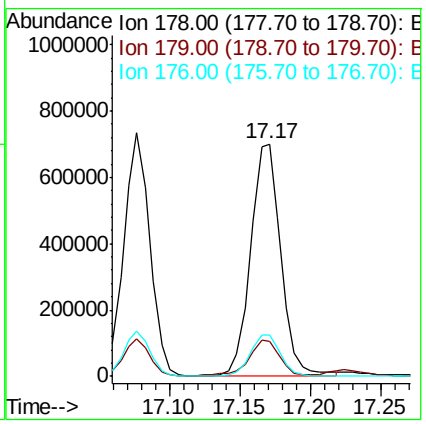




#72
Anthracene
Concen: 27.788 ng/ul
RT: 17.17 min Scan# 2454
Delta R.T. 0.01 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:178 Resp: 1051183

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.6
176	17.9	15.0	22.6



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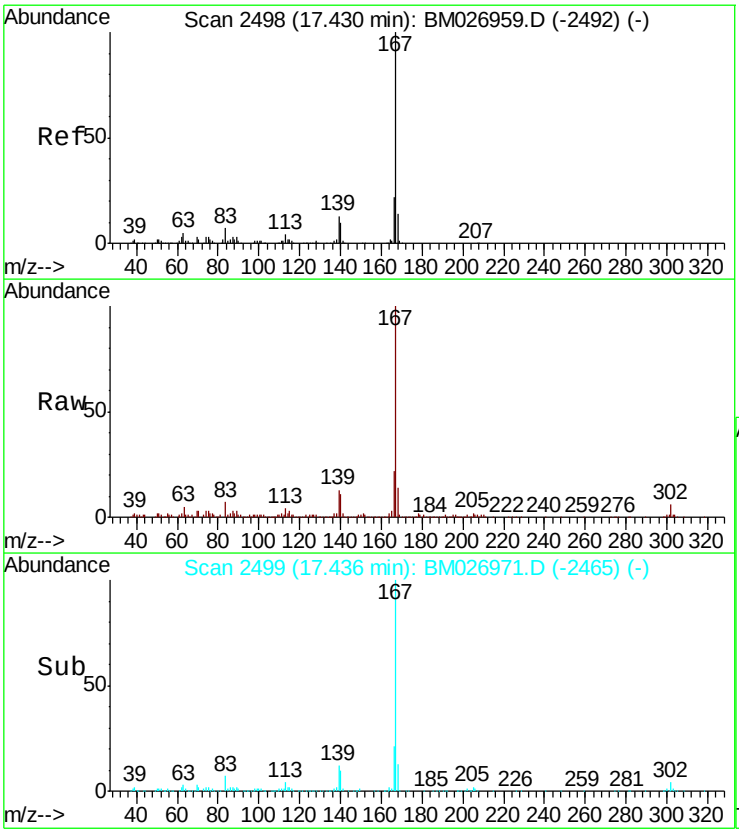
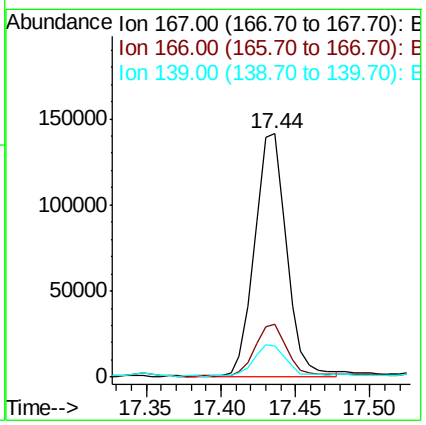
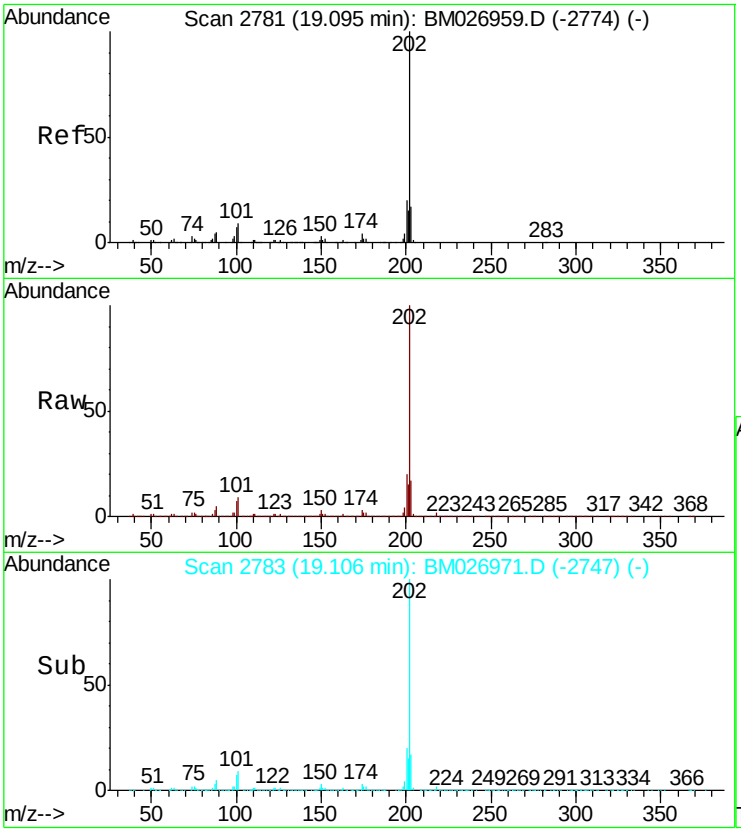


#75
Carbazole
Concen: 6.189 ng/ul
RT: 17.44 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:167 Resp: 206975

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.9	10.1	15.1

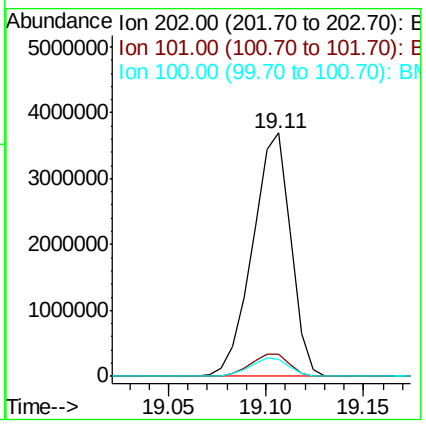




#77
Fluoranthene
Concen: 115.052 ng/ul
RT: 19.11 min Scan# 2783
Delta R.T. 0.01 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:202 Resp: 4999699

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.7	11.5
100	7.1	6.2	9.4



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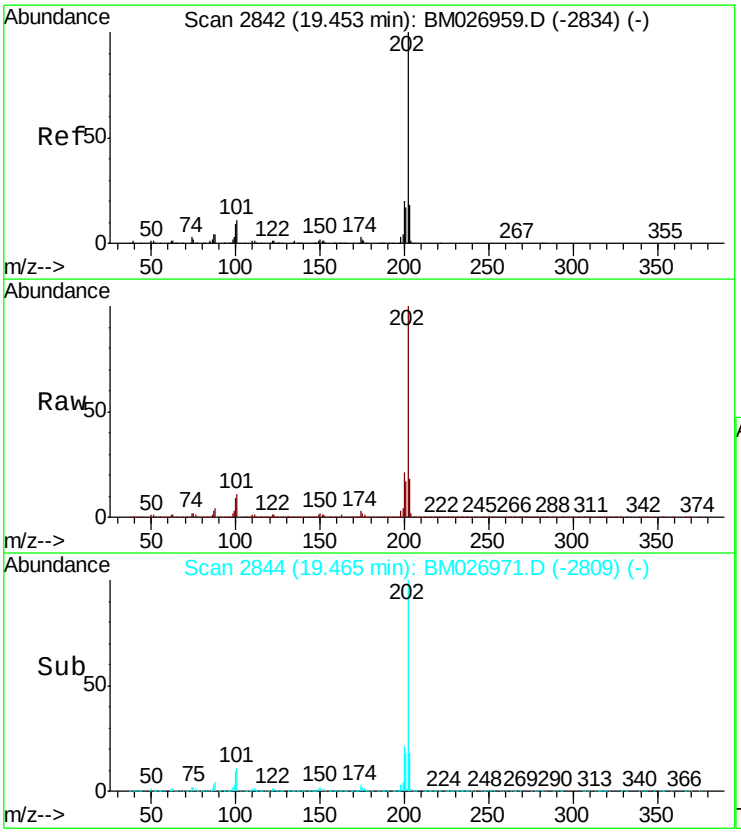
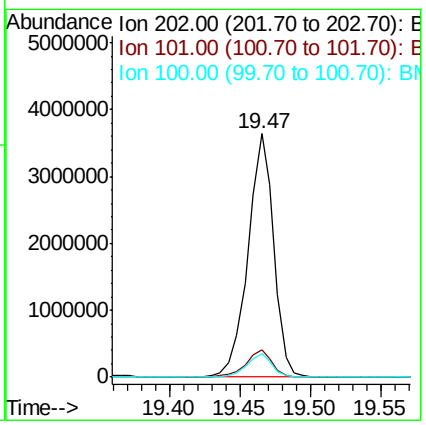
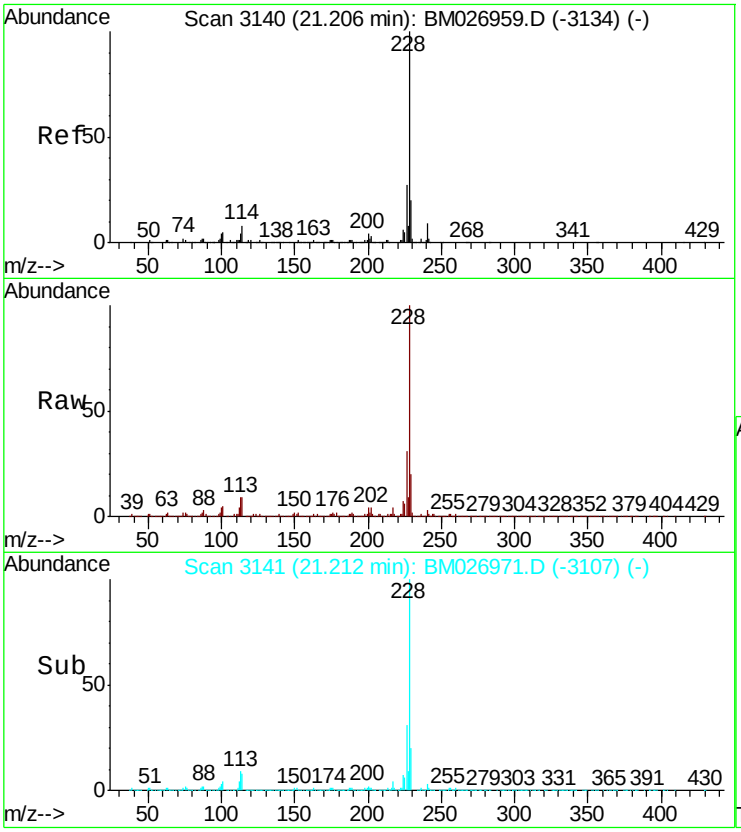


#80
Pyrene
Concen: 104.857 ng/ul
RT: 19.47 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:202 Resp: 4652981

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.4	14.2
100	9.4	8.2	12.4

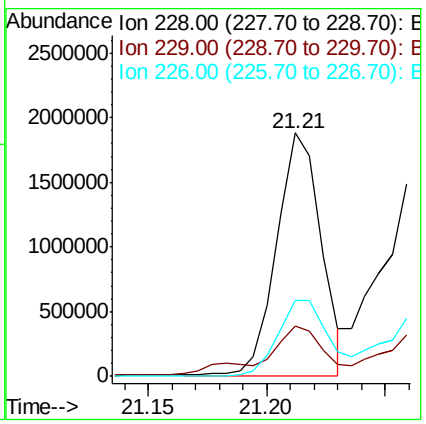




#83
Benzo(a)anthracene
Concen: 58.450 ng/ul m
RT: 21.21 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:228 Resp: 2457187

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.2
226	31.5	20.9	31.3#



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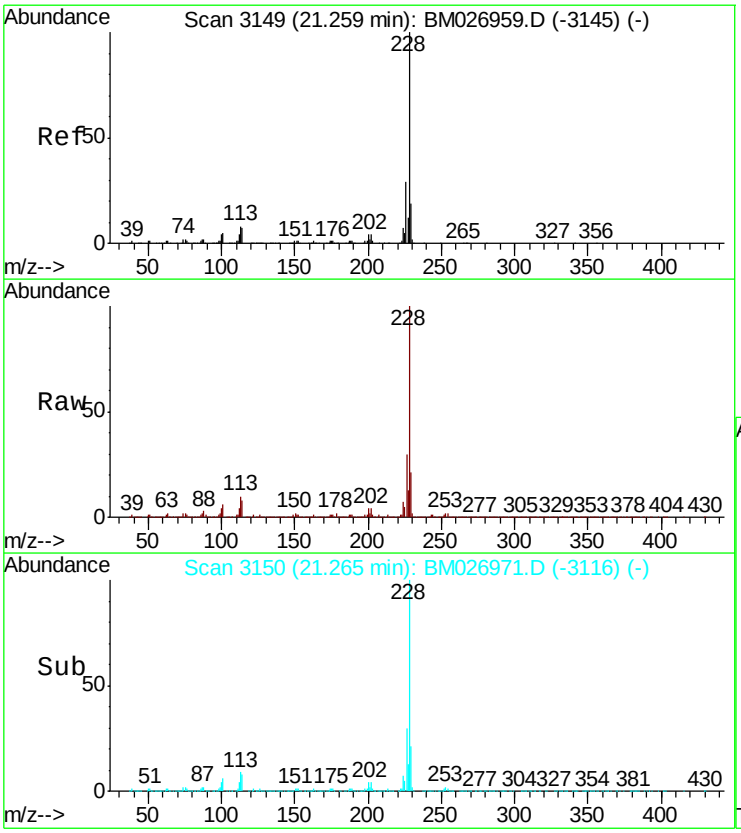
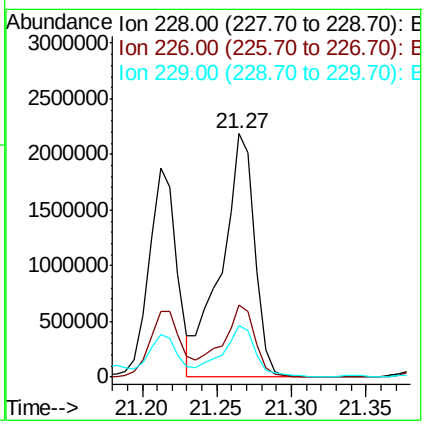
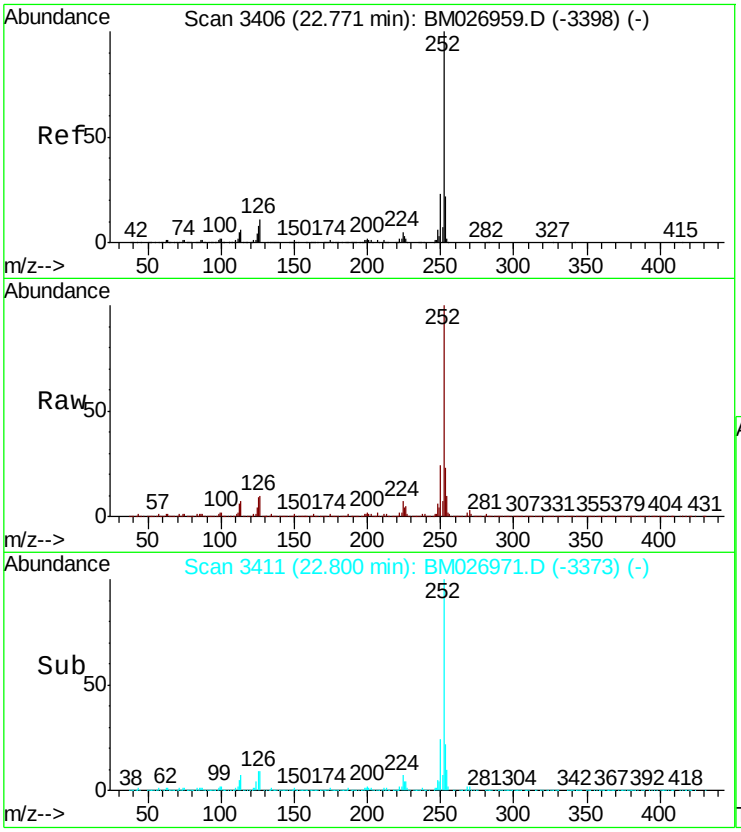


#85
Chrysene
Concen: 82.823 ng/ul
RT: 21.27 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:228 Resp: 3395399

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	21.1	15.5	23.3

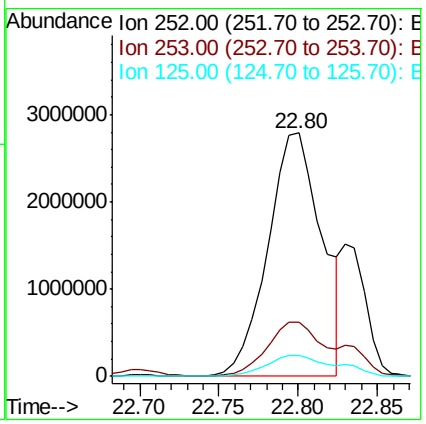




#88
Benzo(b)fluoranthene
Concen: 152.685 ng/ul
RT: 22.80 min Scan# 3411
Delta R.T. 0.02 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:252 Resp: 6603240

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	8.6	6.6	10.0



Instrument :
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ClientSampleId :
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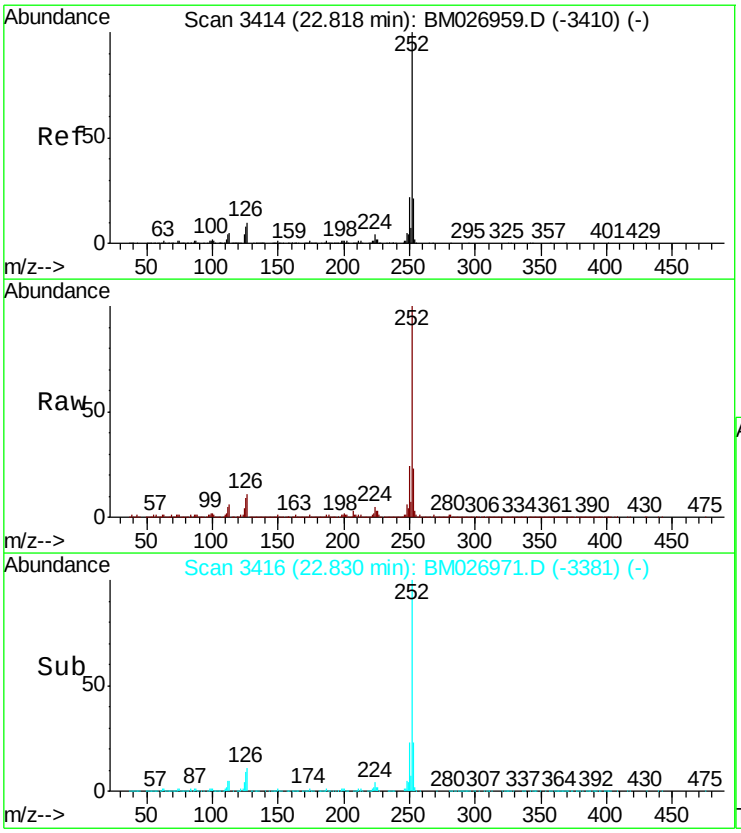
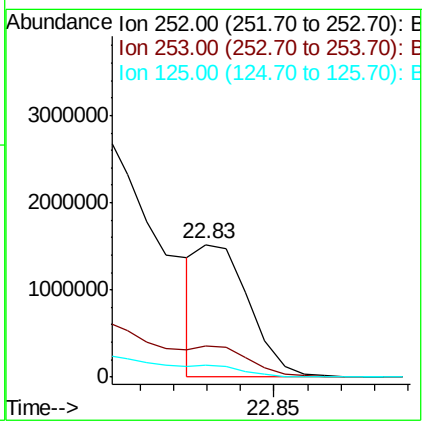
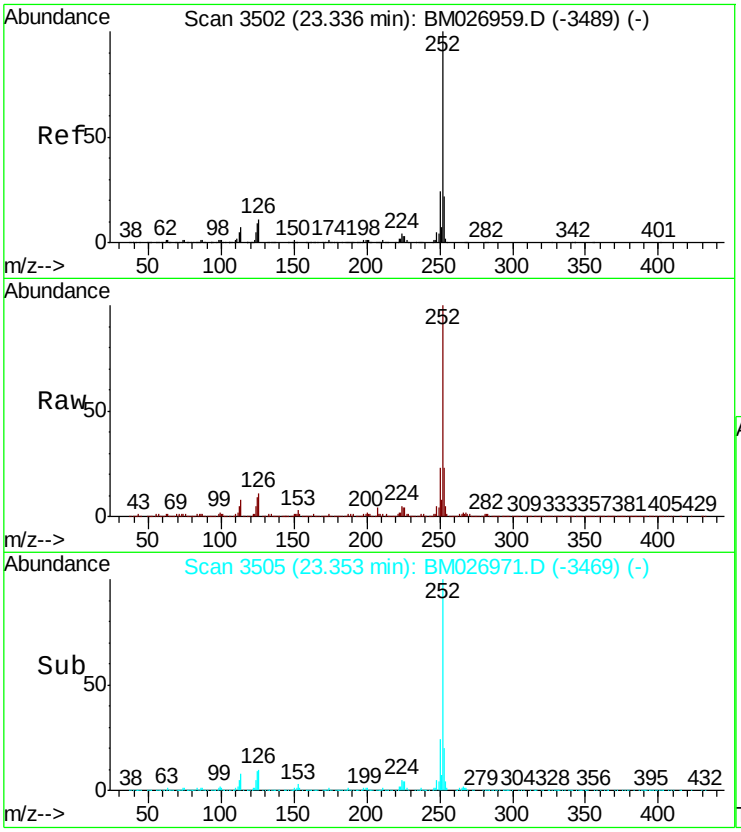


#89
Benzo(k)fluoranthene
Concen: 38.758 ng/ul m
RT: 22.83 min Scan# 3416
Delta R.T. 0.01 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:252 Resp: 1608455

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	8.8	7.3	10.9

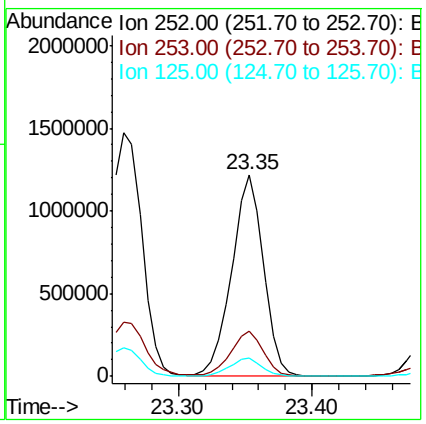




#91
Benzo(a)pyrene
Concen: 51.171 ng/ul
RT: 23.35 min Scan# 3505
Delta R.T. 0.01 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:252 Resp: 1996915

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	8.9	8.2	12.2



Instrument :
BNA_M
ClientSampleId :
C0S91

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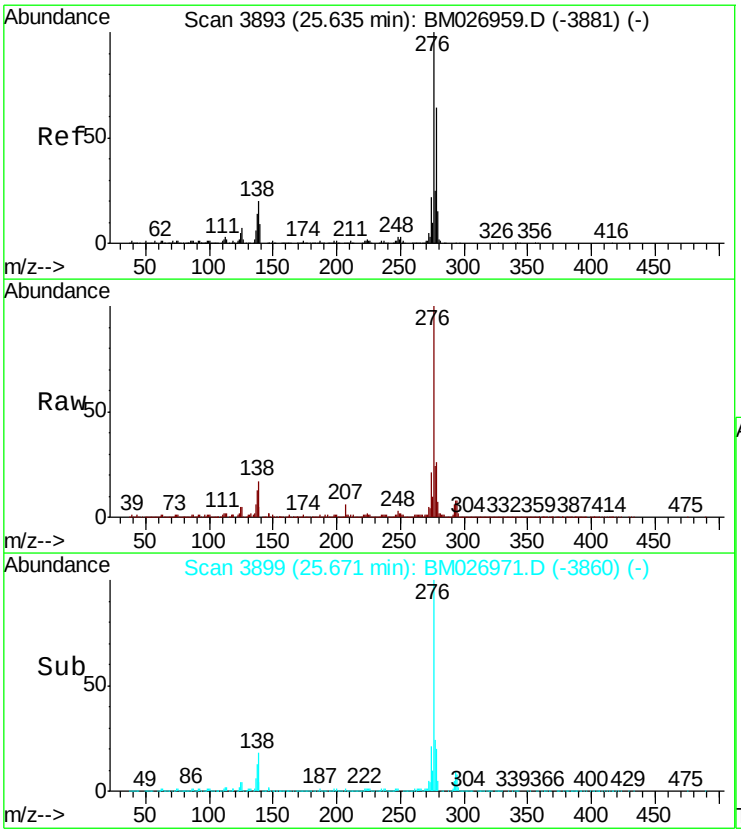
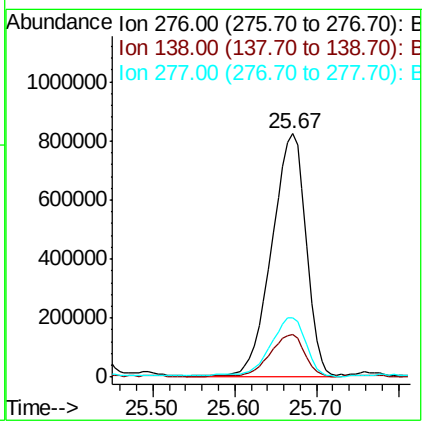
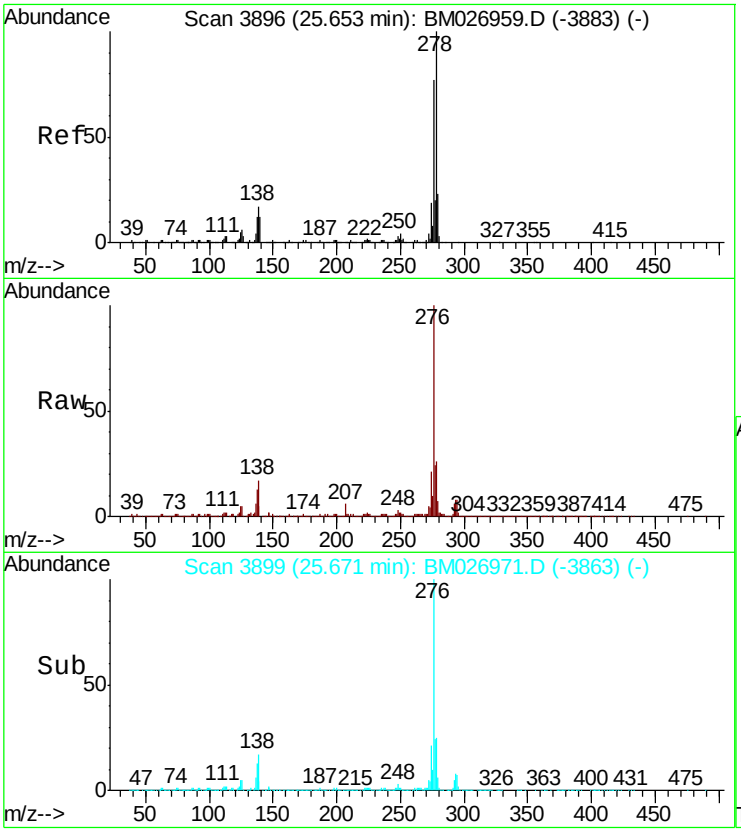


#92
Indeno(1,2,3-cd)pyrene
Concen: 49.229 ng/ul
RT: 25.67 min Scan# 3899
Delta R.T. 0.03 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:276 Resp: 2383307

Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.0	25.4
277	24.3	20.6	30.8

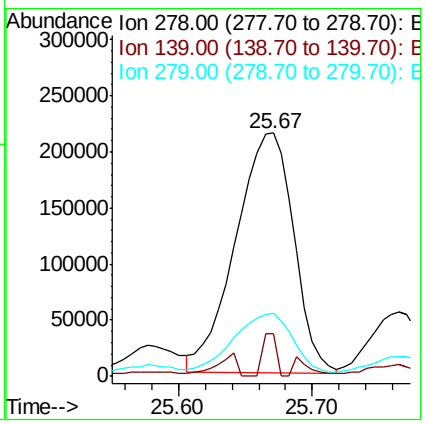




#93
Dibenzo(a,h)anthracene
Concen: 15.804 ng/ul
RT: 25.67 min Scan# 3899
Delta R.T. 0.01 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:278 Resp: 647103

Ion	Ratio	Lower	Upper
278	100		
139	17.6	10.9	16.3#
279	26.0	19.4	29.2



Instrument :
BNA_M
ClientSampleId :
C0S91

Manual Integrations APPROVED
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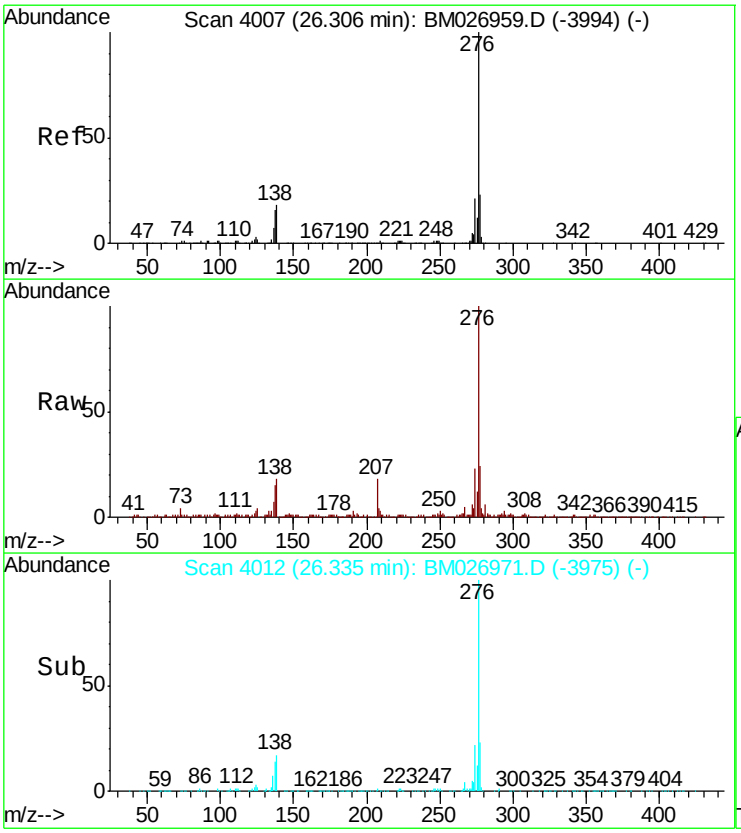

#94
Benzo(g,h,i)perylene
Concen: 18.219 ng/ul
RT: 26.34 min Scan# 4012
Delta R.T. 0.02 min
Lab File: BM026971.D
Acq: 31 Jul 2020 22:57

Tgt Ion:276 Resp: 729327

Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.9	22.3
277	23.8	19.1	28.7